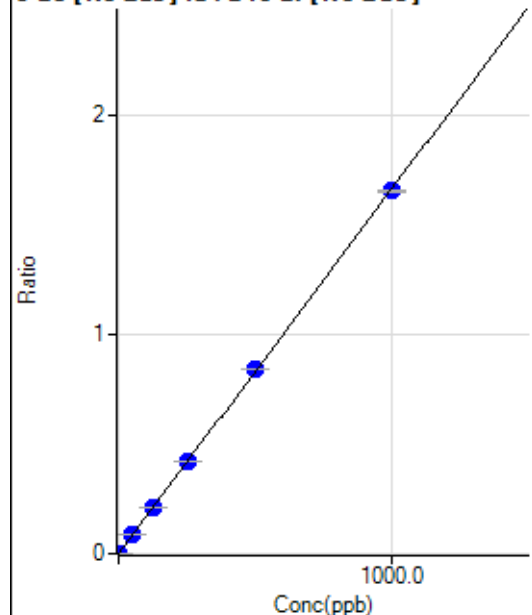


Batch Folder: D:\ICP-MS Data\P7032217-MS.b\
Analysis File: P7032217-MS.batch.bin
DA Date-Time: 2017-03-22 17:53:04
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	002CALB.d	S00	2017-03-22 16:05:19
2			
3	004CALS.d	S02	2017-03-22 16:13:40
4	005CALS.d	S03	2017-03-22 16:17:32
5	006CALS.d	S04	2017-03-22 16:21:38
6	007CALS.d	S05	2017-03-22 16:25:24
7	008CALS.d	S06	2017-03-22 16:29:06
8	009CALS.d	S07	2017-03-22 16:32:44
9	010CALS.d	S08	2017-03-22 16:36:18

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	40.74	0.0000	P	44.6
2	☐	0.100					
3	☐	1.000	0.996	1709.41	0.0017	P	1.3
4	☐	50.000	50.512	84819.38	0.0840	P	0.1
5	☐	125.000	126.739	207508.81	0.2106	P	0.6
6	☐	250.000	254.002	412543.14	0.4220	P	0.7
7	☐	500.000	506.031	796534.89	0.8407	P	0.2
8	☐	1000.000	995.741	1548922.59	1.6542	P	0.3
9	☐			318.53	0.0004	P	5.6

$$y = 0.0017 * x + 4.1305E-005$$

$$R = 1.0000$$

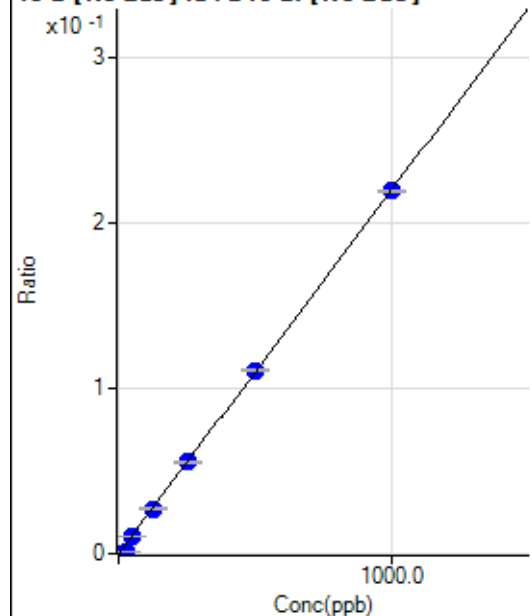
$$DL = 0.03323$$

$$BEC = 0.02486$$

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	61.11	0.0001	P	79.6
2	☐	2.500					
3	☐	25.000	5.001	1169.54	0.0012	P	0.5
4	☐	50.000	48.296	10776.53	0.0107	P	0.2
5	☐	125.000	123.040	26682.63	0.0271	P	1.9
6	☐	250.000	252.105	54175.83	0.0554	P	1.6
7	☐	500.000	504.905	105102.16	0.1109	P	1.1
8	☐	1000.000	997.852	205219.76	0.2192	P	0.4
9	☐			3681.16	0.0040	P	8.7

$$y = 2.1957E-004 * x + 6.1780E-005$$

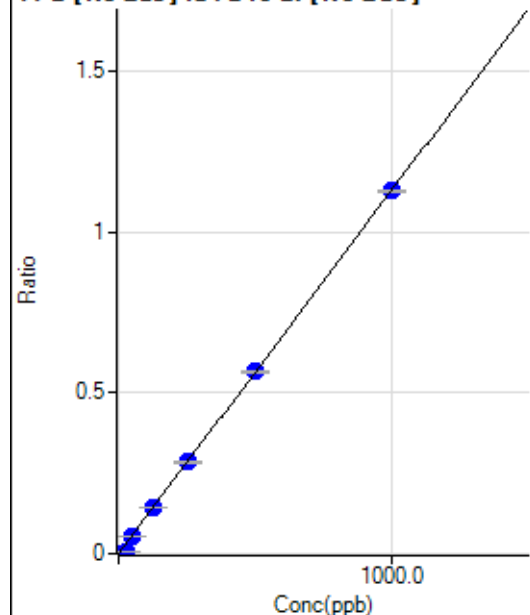
$$R = 0.9998$$

$$DL = 0.6716$$

$$BEC = 0.2814$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	333.35	0.0003	P	10.3
2	☐	2.500					
3	☐	25.000	5.126	6165.37	0.0061	P	0.7
4	☐	50.000	48.743	55848.54	0.0553	P	1.2
5	☐	125.000	124.707	138841.58	0.1409	P	0.6
6	☐	250.000	252.418	278460.76	0.2848	P	1.2
7	☐	500.000	501.583	535989.63	0.5657	P	0.7
8	☐	1000.000	999.200	1054886.41	1.1266	P	0.7
9	☐			19060.00	0.0210	P	8.4

$$y = 0.0011 * x + 3.3719E-004$$

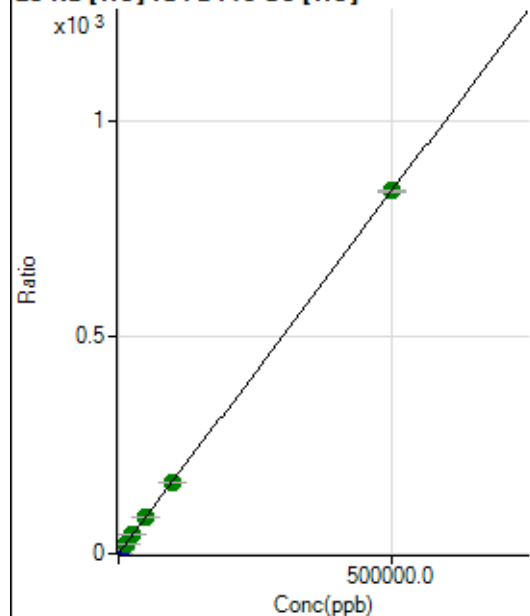
$$R = 0.9998$$

$$DL = 0.09242$$

$$BEC = 0.2992$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	37459.01	0.1298	P	1.9
2	☐	50.000					
3	☐	500.000	556.415	313960.61	1.0606	P	0.4
4	☐	5000.000	5143.100	2601530.42	8.7335	P	0.8
5	☐	12500.000	12790.782	6334065.03	21.5270	A	0.6
6	☐	25000.000	25317.141	12511026.93	42.4818	A	0.8
7	☐	50000.000	49531.232	24391034.40	82.9886	A	1.3
8	☐	100000.00	97549.567	48263533.37	163.3165	A	0.2
9	☐	500000.00	500512.34	252915947.3	837.4162	A	0.7

$$y = 0.0017 * x + 0.1298$$

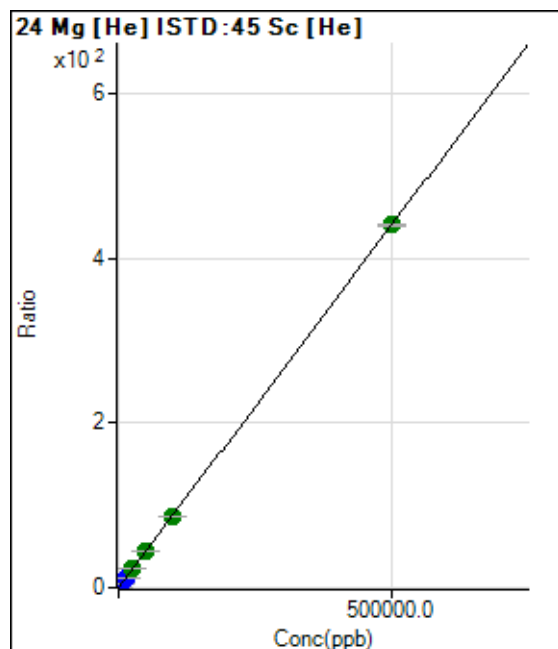
$$R = 1.0000$$

$$DL = 4.526$$

$$BEC = 77.61$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	191.68	0.0007	P	10.8
2	☐	50.000					
3	☐	500.000	541.669	141277.69	0.4773	P	1.4
4	☐	5000.000	5190.970	1360775.70	4.5682	P	0.8
5	☐	12500.000	12942.194	3350992.20	11.3886	P	0.4
6	☐	25000.000	25361.930	6572625.49	22.3168	A	0.3
7	☐	50000.000	49917.857	12910062.96	43.9238	A	0.4
8	☐	100000.00	98054.757	25497592.59	86.2798	A	0.3
9	☐	500000.00	500366.16	132972344.6	440.2768	A	0.8

$$y = 8.7991\text{E-}004 * x + 6.6393\text{E-}004$$

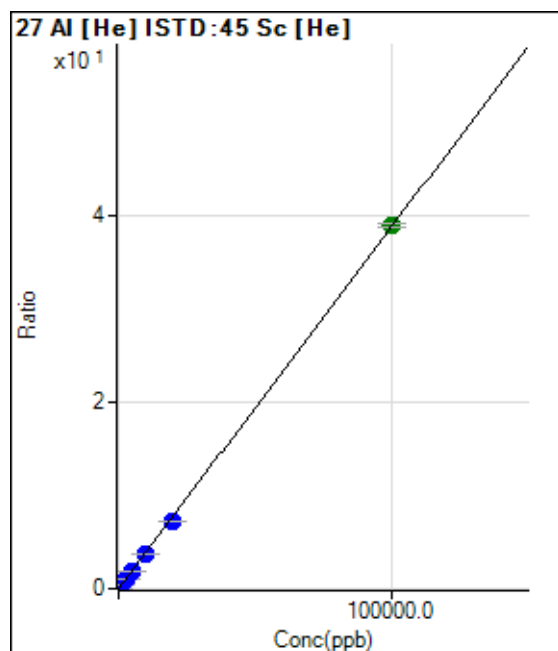
$$R = 1.0000$$

$$DL = 0.2444$$

$$BEC = 0.7545$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66.67	0.0002	P	24.7
2	☐	2.000					
3	☐	20.000	22.149	2614.24	0.0088	P	9.3
4	☐	1000.000	979.561	113339.22	0.3805	P	0.9
5	☐	2500.000	2446.917	279562.93	0.9501	P	0.6
6	☐	5000.000	4813.654	550409.48	1.8689	P	0.3
7	☐	10000.000	9509.984	1085120.86	3.6920	P	0.8
8	☐	20000.000	18684.807	2143603.41	7.2536	P	0.2
9	☐	100000.00	100322.88	11762239.59	38.9451	A	1.0

$$y = 3.8820\text{E-}004 * x + 2.3095\text{E-}004$$

$$R = 0.9999$$

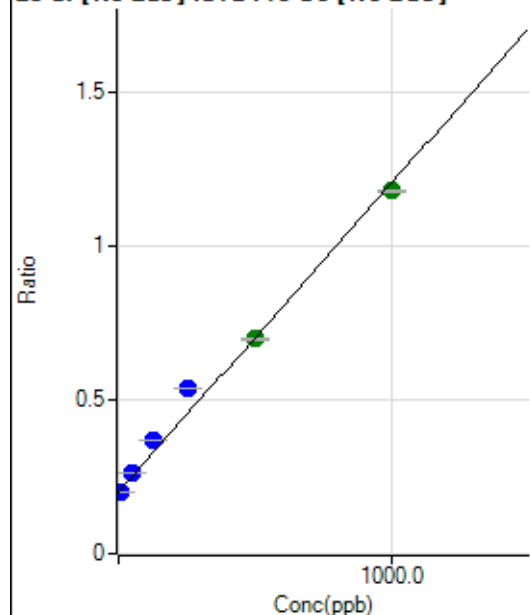
$$DL = 0.4401$$

$$BEC = 0.5949$$

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	1043408.50	0.2006	P	0.2
2	☐	1.000					
3	☐	10.000	0.743	1069384.49	0.2013	P	0.7
4	☐	50.000	61.079	1401377.16	0.2618	P	1.4
5	☐	125.000	168.461	1970560.66	0.3695	P	0.4
6	☐	250.000	336.143	2878330.27	0.5377	P	0.5
7	☐	500.000	496.267	3676217.18	0.6983	A	0.8
8	☐	1000.000	974.437	6261816.98	1.1779	A	0.4
9	☐			1063190.37	0.2006	P	0.2

$$y = 0.0010 * x + 0.2006$$

$$R = 0.9948$$

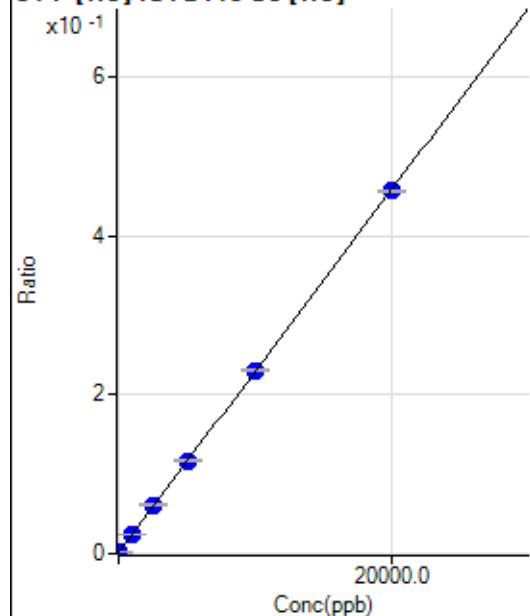
$$DL = 1.037$$

$$BEC = 200$$

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	-13.795	305.57	0.0011	P	2.6
2	☐	0.000					
3	☐	0.000	13.795	500.03	0.0017	P	15.9
4	☐	1000.000	1021.150	7357.69	0.0247	P	0.9
5	☐	2500.000	2620.809	18019.94	0.0612	P	3.7
6	☐	5000.000	5062.778	34463.06	0.1170	P	1.1
7	☐	10000.000	10052.129	67897.00	0.2310	P	0.6
8	☐	20000.000	19942.082	135029.37	0.4569	P	0.7
9	☐			527.81	0.0017	P	9.0

$$y = 2.2843E-005 * x + 0.0014$$

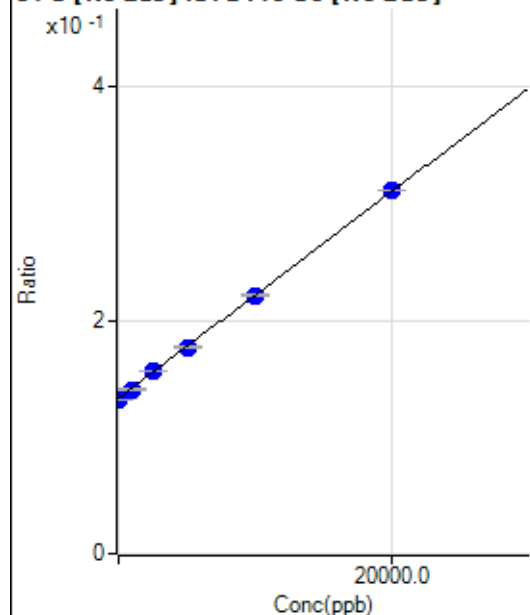
$$R = 1.0000$$

$$DL = 19.41$$

$$BEC = 60.15$$

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	210.538	702926.56	0.1351	P	0.1
2	☐	0.000					
3	☐	0.000	-210.538	697973.83	0.1314	P	0.7
4	☐	1000.000	806.883	751422.72	0.1404	P	0.9
5	☐	2500.000	2608.286	833581.90	0.1563	P	0.3
6	☐	5000.000	4896.957	945065.03	0.1765	P	0.6
7	☐	10000.000	9924.227	1163454.88	0.2210	P	0.9
8	☐	20000.000	20059.767	1651340.02	0.3106	P	0.1
9	☐			628965.68	0.1187	P	0.2

$$y = 8.8429\text{E-}006 * x + 0.1332$$

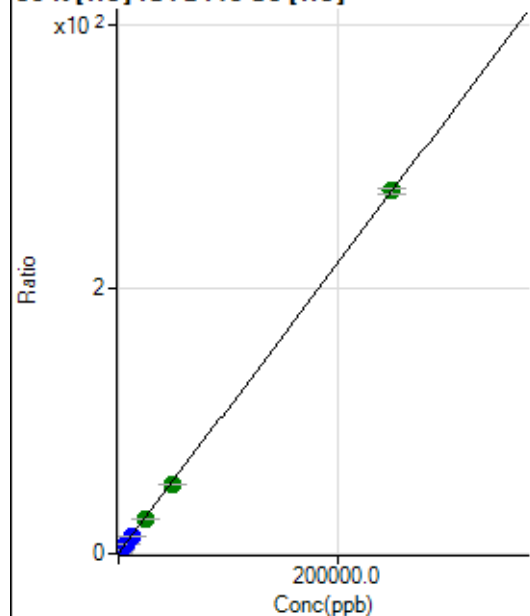
$$R = 0.9998$$

$$DL = 164.4$$

$$BEC = 1.507\text{E}+04$$

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	64544.26	0.2237	P	1.6
2	☐	50.000					
3	☐	500.000	498.976	227680.43	0.7692	P	1.3
4	☐	2500.000	2453.962	865740.34	2.9064	P	0.6
5	☐	6250.000	6182.988	2054652.93	6.9829	P	0.6
6	☐	12500.000	12270.920	4016541.93	13.6382	P	0.3
7	☐	25000.000	24103.892	7810800.26	26.5739	A	0.3
8	☐	50000.000	47845.977	15523307.99	52.5286	A	0.1
9	☐	250000.00	250534.00	82787136.57	274.1060	A	1.3

$$y = 0.0011 * x + 0.2237$$

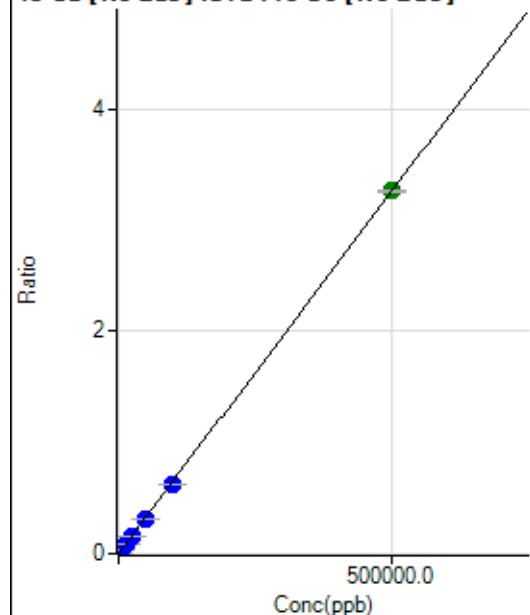
$$R = 1.0000$$

$$DL = 9.854$$

$$BEC = 204.6$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	741.72	0.0001	P	3.1
2	☐	50.000					
3	☐	500.000	526.943	19001.83	0.0036	P	3.2
4	☐	5000.000	4944.931	173283.85	0.0324	P	0.9
5	☐	12500.000	12191.199	424505.49	0.0796	P	0.7
6	☐	25000.000	24375.836	851231.83	0.1590	P	0.9
7	☐	50000.000	48535.027	1666164.86	0.3165	P	0.1
8	☐	100000.00	95981.570	3326456.28	0.6257	P	0.5
9	☐	500000.00	500989.63	17305245.35	3.2655	A	0.5

$$y = 6.5179\text{E-}006 * x + 1.4257\text{E-}004$$

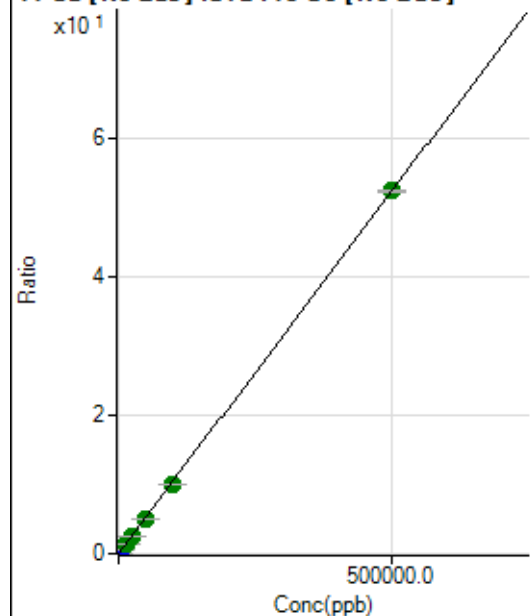
$$R = 1.0000$$

$$DL = 2.013$$

$$BEC = 21.87$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	29218.88	0.0056	P	2.9
2	☐	50.000					
3	☐	500.000	543.295	331869.41	0.0625	P	0.6
4	☐	5000.000	4962.520	2809729.15	0.5249	P	0.7
5	☐	12500.000	12128.025	6797659.18	1.2747	A	1.5
6	☐	25000.000	24225.540	13599883.81	2.5406	A	0.9
7	☐	50000.000	48598.504	26802225.95	5.0911	A	0.5
8	☐	100000.00	96544.114	53735026.20	10.1082	A	0.4
9	☐	500000.00	500879.68	277790903.4	52.4188	A	0.4

$$y = 1.0464\text{E-}004 * x + 0.0056$$

$$R = 1.0000$$

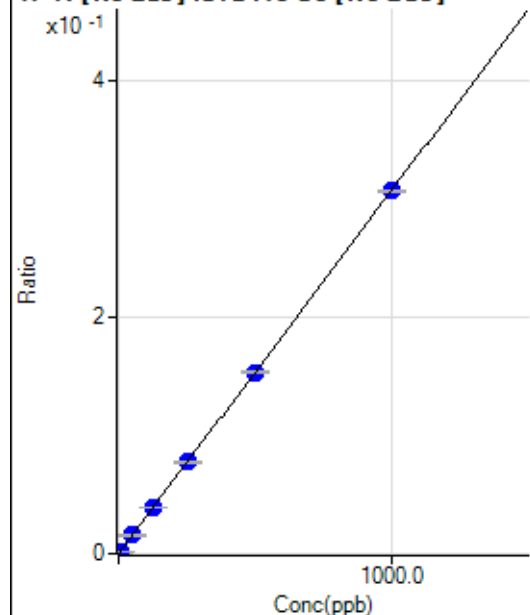
$$DL = 4.688$$

$$BEC = 53.67$$

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	116.67	0.0000	P	19.3
2	☐	0.500					
3	☐	5.000	5.156	8516.73	0.0016	P	4.6
4	☐	50.000	50.550	83053.63	0.0155	P	3.3
5	☐	125.000	125.970	206043.93	0.0386	P	0.1
6	☐	250.000	251.688	413109.90	0.0772	P	0.6
7	☐	500.000	500.172	807261.85	0.1533	P	0.7
8	☐	1000.000	999.342	1628558.87	0.3064	P	0.9
9	☐			1472.37	0.0003	P	1.9

$$y = 3.0654\text{E-}004 * x + 2.2435\text{E-}005$$

$$R = 1.0000$$

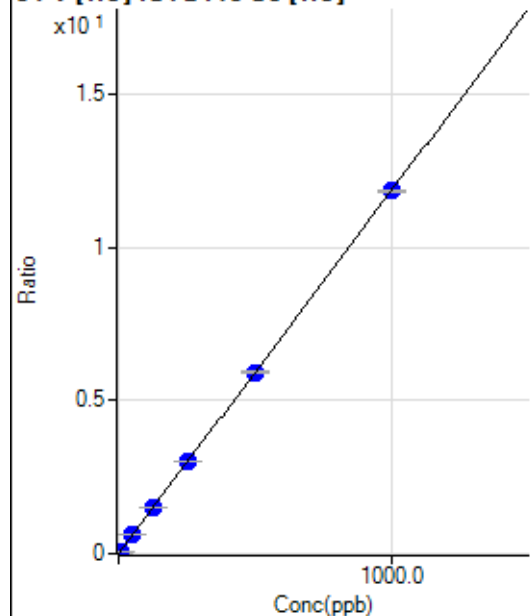
$$DL = 0.04234$$

$$BEC = 0.07319$$

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	24.44	0.0001	P	47.4
2	☐	0.500					
3	☐	5.000	5.258	18488.46	0.0625	P	0.3
4	☐	50.000	50.703	179173.82	0.6015	P	1.1
5	☐	125.000	127.087	443590.31	1.5076	P	0.2
6	☐	250.000	252.023	880443.34	2.9895	P	0.3
7	☐	500.000	500.131	1743693.13	5.9326	P	0.4
8	☐	1000.000	999.131	3502460.02	11.8516	P	0.4
9	☐			1138.96	0.0038	P	10.0

$$y = 0.0119 * x + 8.4624\text{E-}005$$

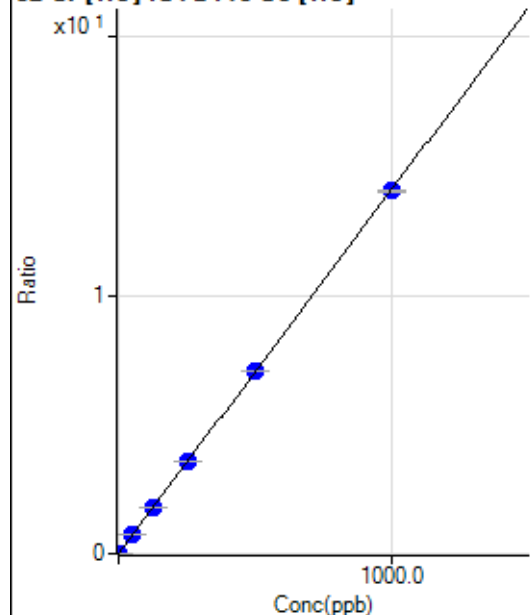
$$R = 1.0000$$

$$DL = 0.01015$$

$$BEC = 0.007134$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	853.37	0.0030	P	10.0
2	☐	0.200					
3	☐	2.000	2.221	10124.72	0.0342	P	2.4
4	☐	50.000	51.478	216617.69	0.7272	P	1.1
5	☐	125.000	128.815	534133.78	1.8153	P	0.3
6	☐	250.000	254.594	1055795.80	3.5849	P	0.2
7	☐	500.000	502.726	2079754.88	7.0760	P	0.6
8	☐	1000.000	996.938	4145971.22	14.0292	P	0.2
9	☐			103123.06	0.3414	P	0.4

$$y = 0.0141 * x + 0.0030$$

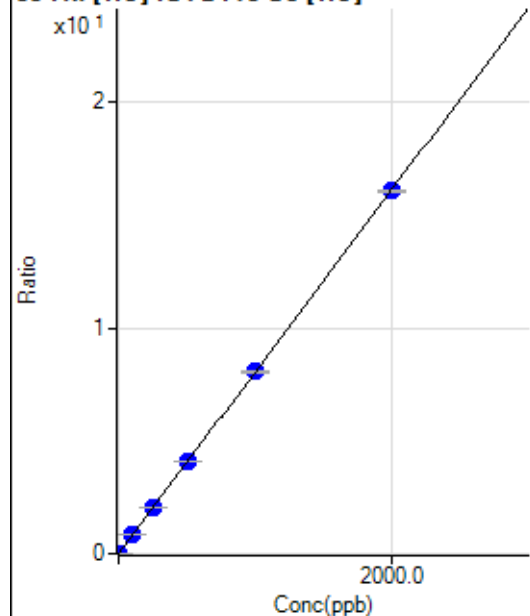
$$R = 1.0000$$

$$DL = 0.06298$$

$$BEC = 0.2101$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	160.00	0.0006	P	18.2
2	☐	0.100					
3	☐	1.000	1.453	3627.18	0.0123	P	3.1
4	☐	100.000	103.096	247322.88	0.8303	P	1.4
5	☐	250.000	257.349	609604.51	2.0718	P	0.3
6	☐	500.000	507.819	1203836.47	4.0876	P	0.2
7	☐	1000.000	1002.612	2371823.49	8.0698	P	0.9
8	☐	2000.000	1995.666	4746766.18	16.0622	P	0.4
9	☐			19751.26	0.0654	P	2.2

$$y = 0.0080 * x + 5.5462E-004$$

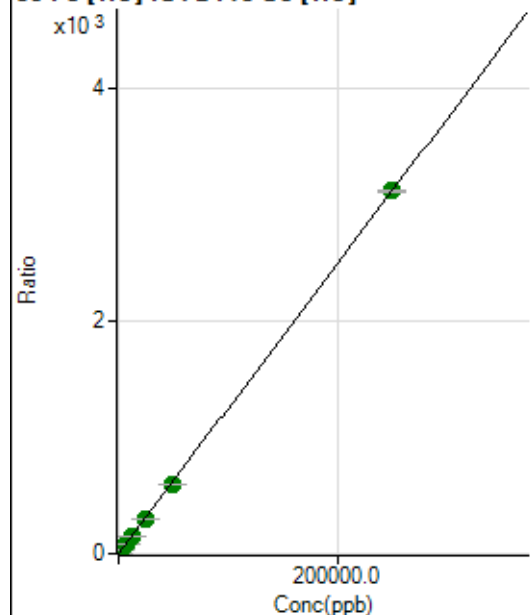
$$R = 1.0000$$

$$DL = 0.03762$$

$$BEC = 0.06891$$

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	6462.71	0.0224	P	2.3
2	☐	5.000					
3	☐	50.000	51.176	195154.87	0.6593	P	0.6
4	☐	2500.000	2448.397	9082940.37	30.4922	A	0.8
5	☐	6250.000	6114.581	22396708.14	76.1172	A	0.6
6	☐	12500.000	12056.935	44196033.86	150.0687	A	0.5
7	☐	25000.000	23812.340	87107378.80	296.3625	A	0.5
8	☐	50000.000	47302.193	173970813.1	588.6893	A	0.4
9	☐	250000.00	250684.38	942227798.8	3,119.742	A	0.5

$$y = 0.0124 * x + 0.0224$$

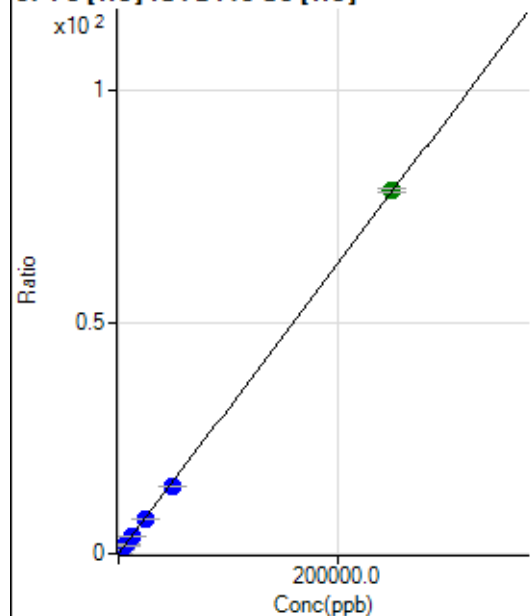
$$R = 0.9999$$

$$DL = 0.1243$$

$$BEC = 1.8$$

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	135.19	0.0005	P	9.6
2	☐	5.000					
3	☐	50.000	50.629	4817.58	0.0163	P	1.8
4	☐	2500.000	2403.763	223679.97	0.7509	P	0.9
5	☐	6250.000	5995.254	550870.43	1.8721	P	0.4
6	☐	12500.000	11856.497	1090259.75	3.7020	P	0.4
7	☐	25000.000	23354.909	2143147.75	7.2917	P	0.7
8	☐	50000.000	46234.258	4265732.62	14.4345	P	0.4
9	☐	250000.00	250957.16	23662845.44	78.3476	A	0.9

$$y = 3.1219E-004 * x + 4.6828E-004$$

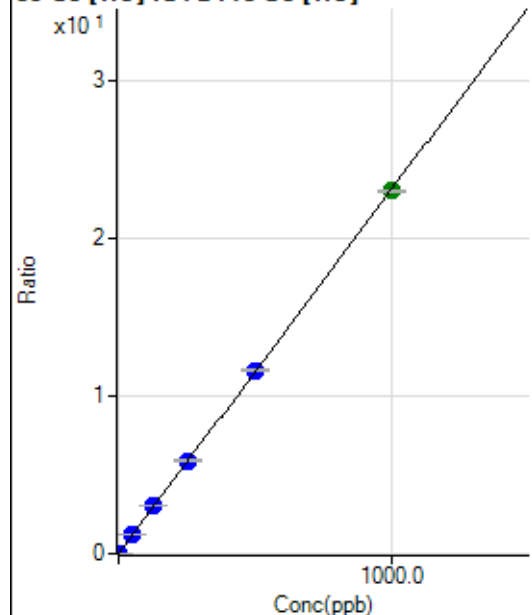
$$R = 0.9999$$

$$DL = 0.4311$$

$$BEC = 1.5$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	126.67	0.0004	P	13.3
2	☐	0.100					
3	☐	1.000	1.070	7448.66	0.0252	P	3.0
4	☐	50.000	52.015	358099.59	1.2022	P	0.8
5	☐	125.000	130.362	886343.95	3.0123	P	0.3
6	☐	250.000	255.996	1741983.10	5.9149	P	0.3
7	☐	500.000	503.484	3419035.89	11.6328	P	0.8
8	☐	1000.000	995.988	6800482.81	23.0114	A	0.4
9	☐			9255.28	0.0306	P	1.8

$$y = 0.0231 * x + 4.3871E-004$$

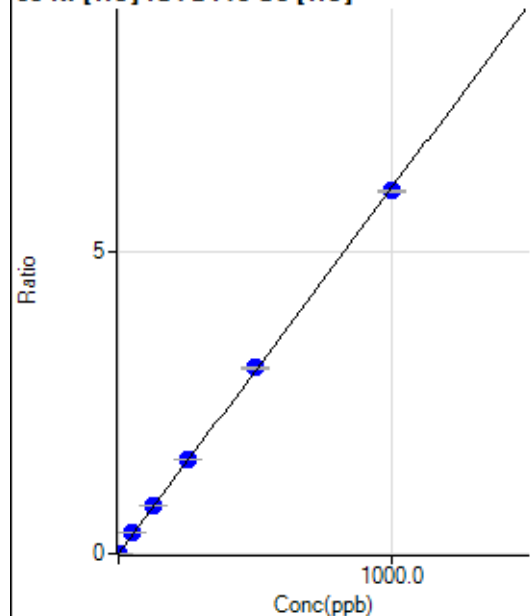
$$R = 1.0000$$

$$DL = 0.007579$$

$$BEC = 0.01899$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	126.67	0.0004	P	12.3
2	☐	0.100					
3	☐	1.000	1.265	2395.80	0.0081	P	5.2
4	☐	50.000	55.642	100423.48	0.3371	P	1.3
5	☐	125.000	131.761	234727.28	0.7977	P	0.3
6	☐	250.000	258.288	460436.46	1.5634	P	0.4
7	☐	500.000	508.519	904537.88	3.0775	P	0.6
8	☐	1000.000	992.541	1775040.34	6.0064	P	0.5
9	☐			25476.77	0.0844	P	1.5

$$y = 0.0061 * x + 4.3924E-004$$

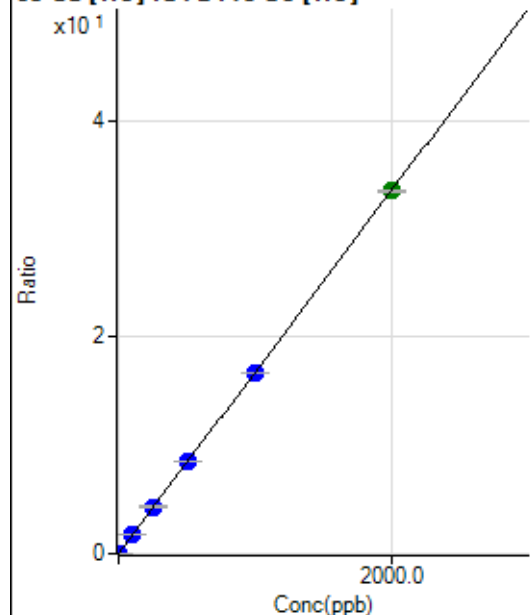
$$R = 0.9999$$

$$DL = 0.02668$$

$$BEC = 0.07259$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	676.69	0.0023	P	10.4
2	☐	0.200					
3	☐	2.000	2.313	12163.00	0.0411	P	1.2
4	☐	100.000	104.853	523808.61	1.7585	P	1.1
5	☐	250.000	259.014	1277160.53	4.3405	P	0.4
6	☐	500.000	509.159	2512182.43	8.5301	P	0.3
7	☐	1000.000	996.644	4906919.13	16.6948	P	0.5
8	☐	2000.000	1998.018	9889814.16	33.4666	A	0.8
9	☐			15798.71	0.0523	P	1.6

$$y = 0.0167 * x + 0.0023$$

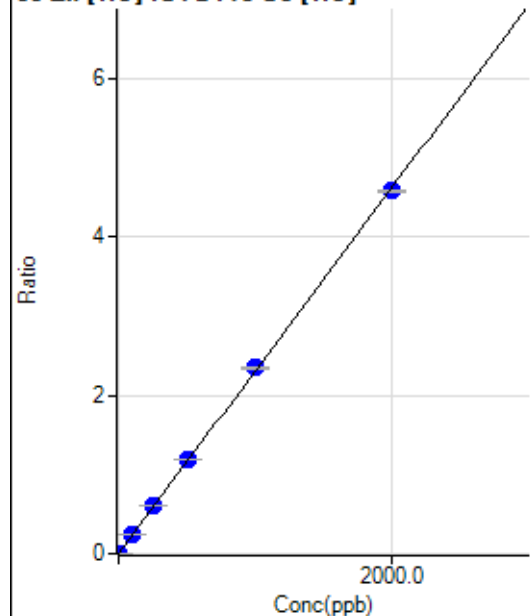
$$R = 1.0000$$

$$DL = 0.0438$$

$$BEC = 0.1401$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	304.45	0.0011	P	15.9
2	☐	0.200					
3	☐	2.000	3.886	2968.13	0.0100	P	2.0
4	☐	100.000	107.296	74105.98	0.2488	P	0.6
5	☐	250.000	261.843	178193.48	0.6056	P	0.3
6	☐	500.000	517.247	352013.29	1.1953	P	0.6
7	☐	1000.000	1015.845	689662.85	2.3464	P	0.4
8	☐	2000.000	1985.919	1355301.89	4.5861	P	0.3
9	☐			8901.73	0.0295	P	1.1

$$y = 0.0023 * x + 0.0011$$

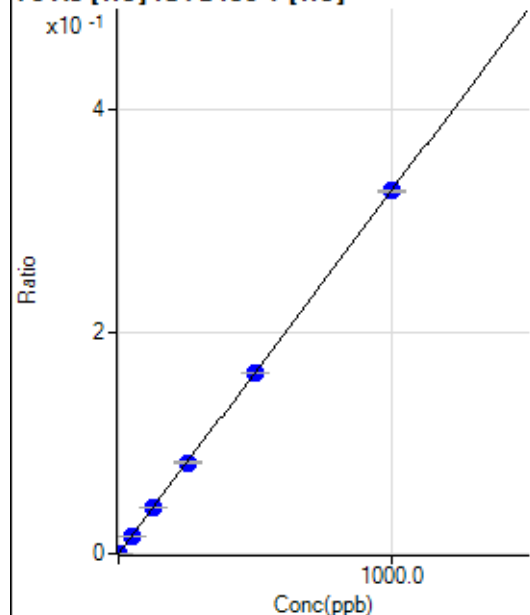
$$R = 0.9999$$

$$DL = 0.2179$$

$$BEC = 0.457$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	17.29	0.0000	P	58.9
2	☐	0.100					
3	☐	1.000	1.070	609.28	0.0004	P	4.4
4	☐	50.000	49.663	27483.40	0.0162	P	1.0
5	☐	125.000	125.678	69029.96	0.0411	P	0.5
6	☐	250.000	251.638	137892.95	0.0823	P	0.6
7	☐	500.000	499.297	274494.47	0.1632	P	0.2
8	☐	1000.000	999.874	550406.60	0.3268	P	0.2
9	☐			970.41	0.0006	P	15.4

$$y = 3.2684\text{E-}004 * x + 1.0508\text{E-}005$$

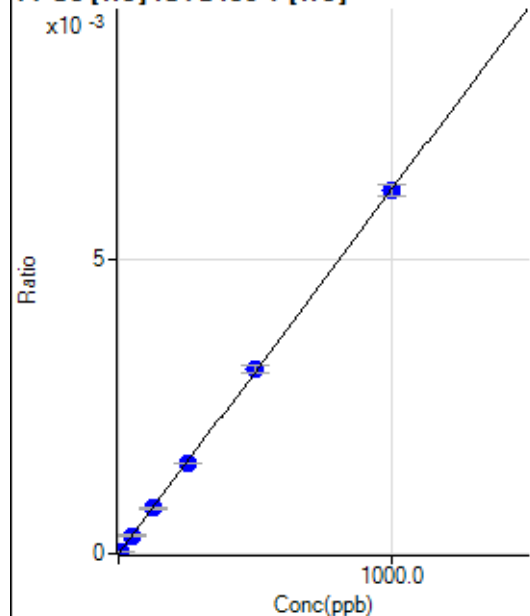
$$R = 1.0000$$

$$DL = 0.05684$$

$$BEC = 0.03215$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	6.148	64.45	0.0000	P	16.5
4	☐	50.000	49.592	520.02	0.0003	P	3.8
5	☐	125.000	124.650	1297.86	0.0008	P	3.1
6	☐	250.000	249.109	2588.05	0.0015	P	0.9
7	☐	500.000	506.260	5276.60	0.0031	P	4.1
8	☐	1000.000	997.151	10405.00	0.0062	P	3.2
9	☐			25.55	0.0000	P	60.8

$$y = 6.1971\text{E-}006 * x + 0.0000\text{E+}000$$

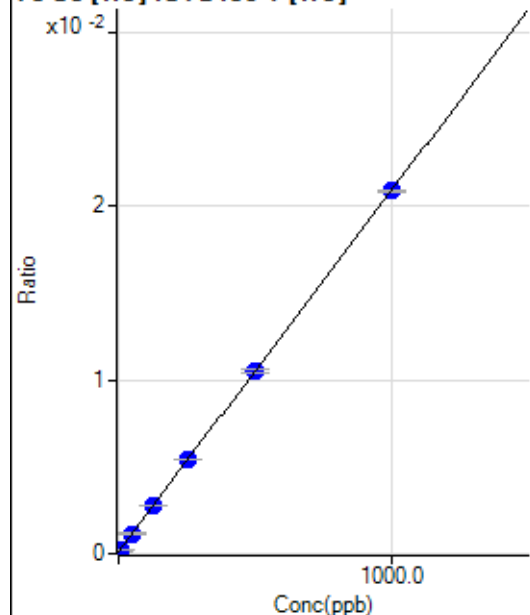
$$R = 1.0000$$

$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	200.62	0.0001	P	13.1
2	☐	0.500					
3	☐	5.000	5.176	388.28	0.0002	P	4.8
4	☐	50.000	49.873	1960.03	0.0012	P	2.8
5	☐	125.000	126.250	4613.12	0.0027	P	2.3
6	☐	250.000	255.140	9093.03	0.0054	P	0.8
7	☐	500.000	500.387	17694.21	0.0105	P	1.5
8	☐	1000.000	998.371	35145.56	0.0209	P	0.7
9	☐			295.07	0.0002	P	4.6

$$y = 2.0780\text{E-}005 * x + 1.2203\text{E-}004$$

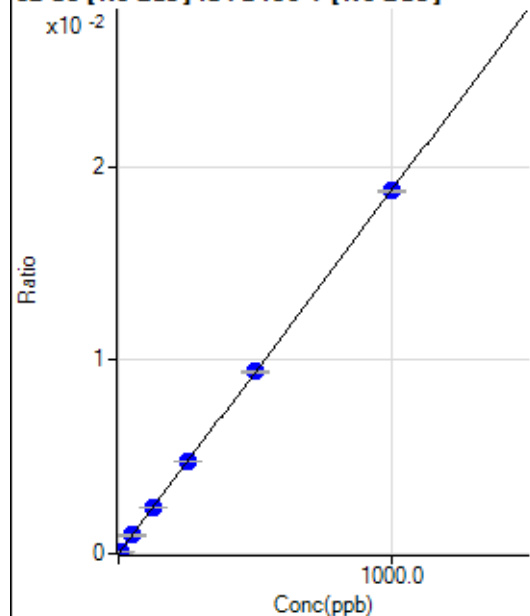
$$R = 1.0000$$

$$DL = 2.302$$

$$BEC = 5.872$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	64.84	0.0000	P	162.
2	☐	0.500					
3	☐	5.000	5.062	962.99	0.0001	P	12.7
4	☐	50.000	50.456	9084.56	0.0010	P	2.2
5	☐	125.000	125.706	22286.35	0.0024	P	0.3
6	☐	250.000	252.858	45329.55	0.0047	P	1.0
7	☐	500.000	500.421	88708.87	0.0094	P	0.5
8	☐	1000.000	998.963	177517.17	0.0187	P	0.8
9	☐			451.42	0.0000	P	23.9

$$y = 1.8747\text{E-}005 * x + 6.9751\text{E-}006$$

$$R = 1.0000$$

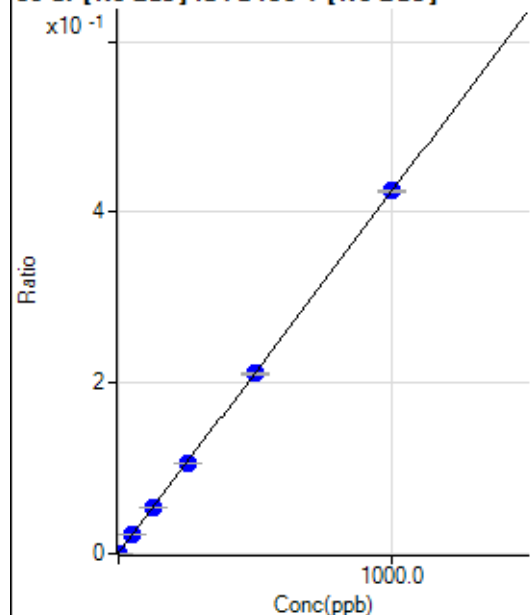
$$DL = 1.809$$

$$BEC = 0.3721$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	4484.26	0.0005	P	2.7
2	☐	0.100					
3	☐	1.000	1.017	8650.18	0.0009	P	3.3
4	☐	50.000	49.947	206356.99	0.0216	P	1.5
5	☐	125.000	125.540	506062.42	0.0537	P	0.5
6	☐	250.000	249.632	1014439.17	0.1062	P	0.6
7	☐	500.000	496.193	1990864.93	0.2107	P	0.5
8	☐	1000.000	1001.931	4026657.69	0.4250	P	0.4
9	☐			130685.65	0.0141	P	1.0

$$y = 4.2366\text{E-}004 * x + 4.8453\text{E-}004$$

$$R = 1.0000$$

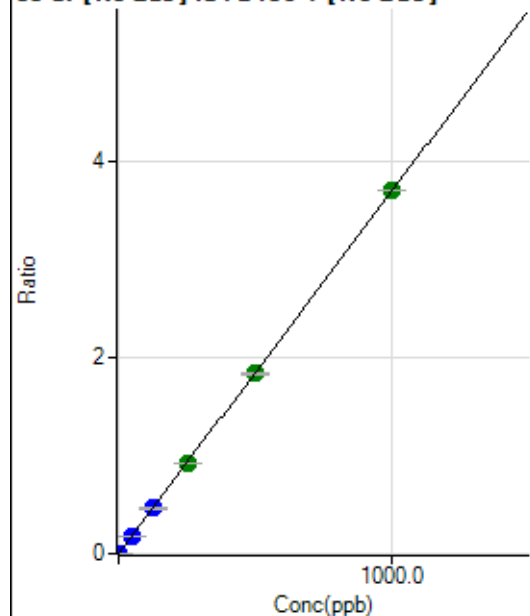
$$DL = 0.09347$$

$$BEC = 1.144$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	402.81	0.0000	P	6.1
2	☐	0.100					
3	☐	1.000	1.124	39717.40	0.0042	P	0.8
4	☐	50.000	49.874	1760139.45	0.1846	P	0.8
5	☐	125.000	124.888	4358426.48	0.4622	P	0.4
6	☐	250.000	248.550	8783427.54	0.9199	A	0.3
7	☐	500.000	496.865	17375142.05	1.8389	A	0.6
8	☐	1000.000	1001.950	35136201.48	3.7081	A	0.1
9	☐			1101646.94	0.1185	P	0.5

$$y = 0.0037 * x + 4.3518\text{E-}005$$

$$R = 1.0000$$

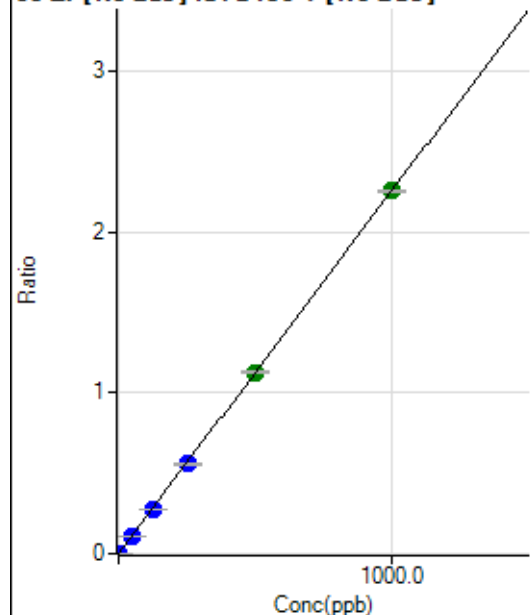
$$DL = 0.002144$$

$$BEC = 0.01176$$

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	883.40	0.0001	P	7.6
2	☐	0.100					
3	☐	1.000	0.790	17733.86	0.0019	P	2.8
4	☐	50.000	48.893	1051431.11	0.1103	P	0.7
5	☐	125.000	124.213	2640423.08	0.2800	P	0.1
6	☐	250.000	246.634	5308250.51	0.5559	P	0.4
7	☐	500.000	500.768	10664608.66	1.1287	A	0.4
8	☐	1000.000	1000.611	21368528.60	2.2552	A	0.2
9	☐			6828.32	0.0007	P	21.1

$$y = 0.0023 * x + 9.5454E-005$$

$$R = 1.0000$$

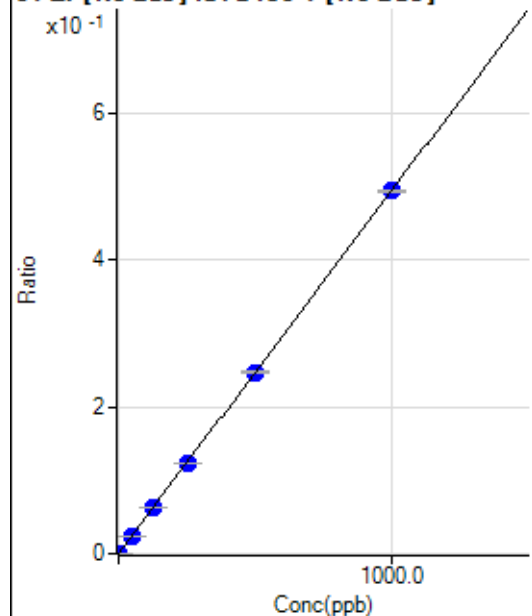
$$DL = 0.009632$$

$$BEC = 0.04235$$

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	205.56	0.0000	P	30.2
2	☐	0.100					
3	☐	1.000	0.802	3953.52	0.0004	P	2.7
4	☐	50.000	49.191	231940.25	0.0243	P	0.7
5	☐	125.000	126.278	588529.50	0.0624	P	0.8
6	☐	250.000	249.091	1175418.48	0.1231	P	0.1
7	☐	500.000	500.415	2336528.20	0.2473	P	0.3
8	☐	1000.000	999.900	4681678.23	0.4941	P	0.3
9	☐			1347.38	0.0001	P	12.5

$$y = 4.9411E-004 * x + 2.2202E-005$$

$$R = 1.0000$$

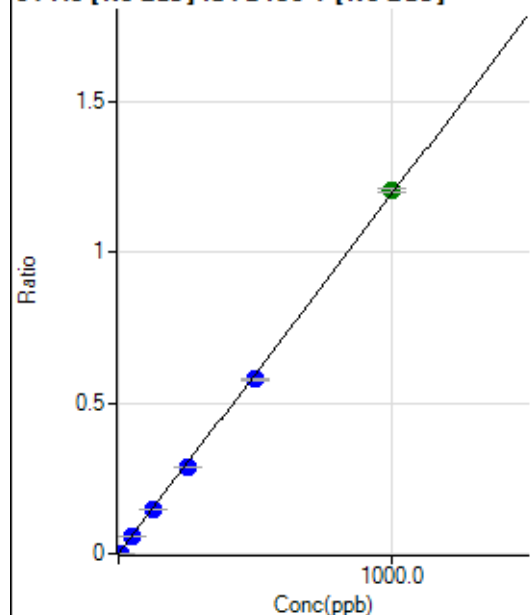
$$DL = 0.04069$$

$$BEC = 0.04493$$

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	455.58	0.0000	P	7.0
2	☐	0.500					
3	☐	5.000	1.996	22933.25	0.0024	P	2.7
4	☐	50.000	47.805	543220.12	0.0570	P	0.9
5	☐	125.000	121.468	1364368.62	0.1447	P	0.2
6	☐	250.000	241.692	2748660.76	0.2879	P	0.1
7	☐	500.000	485.224	5460201.42	0.5779	P	0.4
8	☐	1000.000	1010.031	11397109.46	1.2028	A	1.0
9	☐			23940.78	0.0026	P	6.1

$$y = 0.0012 * x + 4.9215E-005$$

$$R = 0.9998$$

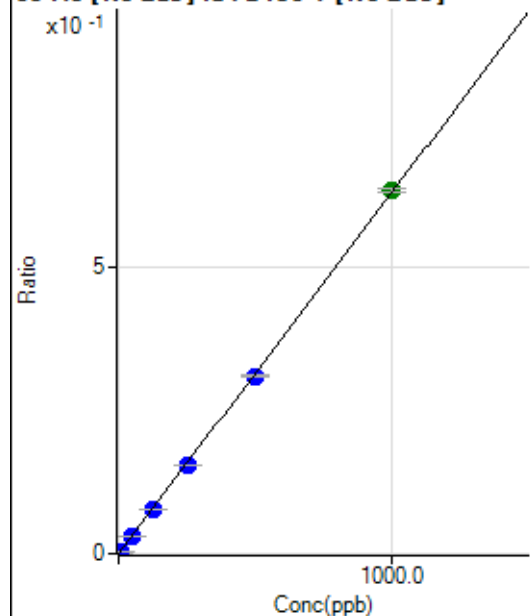
$$DL = 0.008656$$

$$BEC = 0.04133$$

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	316.68	0.0000	P	18.2
2	☐	0.500					
3	☐	5.000	4.818	28946.89	0.0031	P	2.6
4	☐	50.000	47.943	287632.40	0.0302	P	1.7
5	☐	125.000	122.674	727406.37	0.0771	P	0.3
6	☐	250.000	245.884	1476131.38	0.1546	P	0.4
7	☐	500.000	492.478	2925327.80	0.3096	P	0.8
8	☐	1000.000	1005.184	5987228.39	0.6319	A	1.0
9	☐			36503.74	0.0039	P	8.7

$$y = 6.2859E-004 * x + 3.4217E-005$$

$$R = 0.9999$$

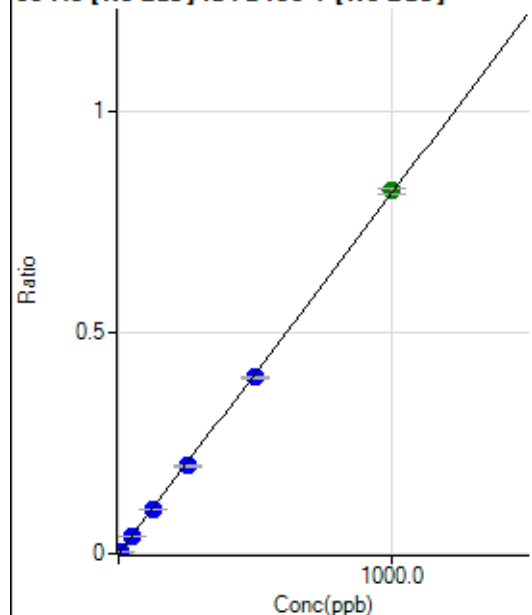
$$DL = 0.02978$$

$$BEC = 0.05443$$

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	441.69	0.0000	P	15.9
2	☐	0.500					
3	☐	5.000	4.104	31983.96	0.0034	P	1.3
4	☐	50.000	47.549	368975.44	0.0387	P	1.6
5	☐	125.000	121.629	932774.46	0.0989	P	0.1
6	☐	250.000	243.348	1889394.35	0.1979	P	0.4
7	☐	500.000	489.710	3762049.61	0.3982	P	0.9
8	☐	1000.000	1007.356	7759787.59	0.8190	A	1.6
9	☐			46048.11	0.0050	P	7.1

$$y = 8.1295E-004 * x + 4.7716E-005$$

$$R = 0.9999$$

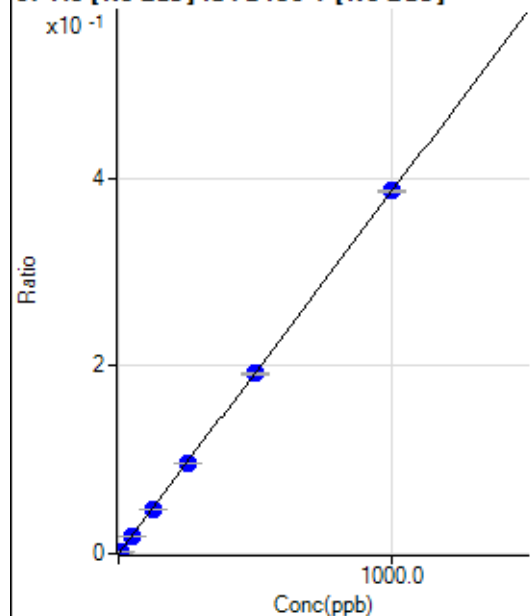
$$DL = 0.02805$$

$$BEC = 0.05869$$

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	222.23	0.0000	P	9.7
2	☐	0.500					
3	☐	5.000	4.959	18292.96	0.0019	P	1.1
4	☐	50.000	48.369	177989.79	0.0187	P	0.8
5	☐	125.000	123.999	450918.27	0.0478	P	0.6
6	☐	250.000	248.048	913219.87	0.0956	P	0.6
7	☐	500.000	496.919	1810143.75	0.1916	P	0.3
8	☐	1000.000	1002.236	3660949.87	0.3864	P	0.5
9	☐			23100.23	0.0025	P	8.6

$$y = 3.8548E-004 * x + 2.4016E-005$$

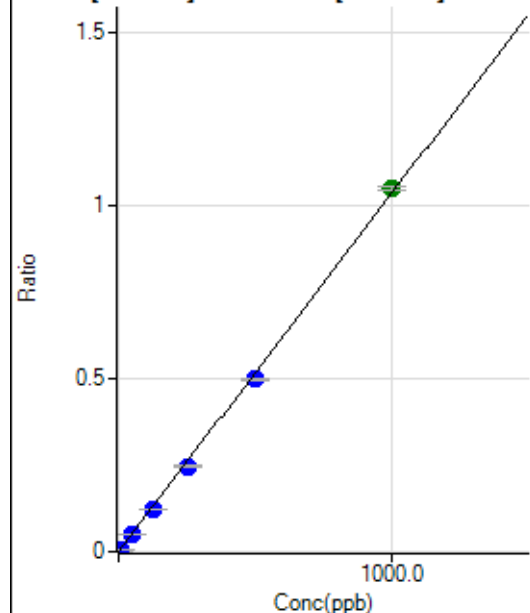
$$R = 1.0000$$

$$DL = 0.01807$$

$$BEC = 0.0623$$

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	461.14	0.0000	P	13.9
2	☐	0.500					
3	☐	5.000	4.707	46488.05	0.0049	P	1.4
4	☐	50.000	46.533	459417.36	0.0482	P	0.8
5	☐	125.000	119.843	1169445.21	0.1240	P	0.5
6	☐	250.000	238.893	2360171.60	0.2472	P	1.1
7	☐	500.000	480.729	4699409.61	0.4974	P	0.6
8	☐	1000.000	1013.232	9932193.36	1.0482	A	1.2
9	☐			58766.85	0.0063	P	6.6

$$y = 0.0010 * x + 4.9842E-005$$

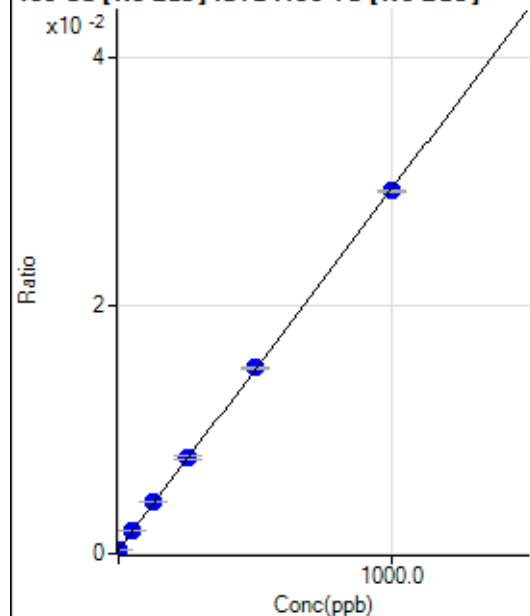
$$R = 0.9997$$

$$DL = 0.02015$$

$$BEC = 0.04818$$

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	3350.54	0.0003	P	3.8
2	☐	0.100					
3	☐	1.000	1.042	3722.89	0.0003	P	6.9
4	☐	50.000	52.854	20629.64	0.0018	P	1.8
5	☐	125.000	131.802	45905.80	0.0041	P	1.2
6	☐	250.000	257.523	86298.73	0.0078	P	3.6
7	☐	500.000	504.599	166598.87	0.0150	P	0.6
8	☐	1000.000	994.827	326879.37	0.0293	P	0.2
9	☐			3331.08	0.0003	P	4.6

$$y = 2.9123E-005 * x + 3.0659E-004$$

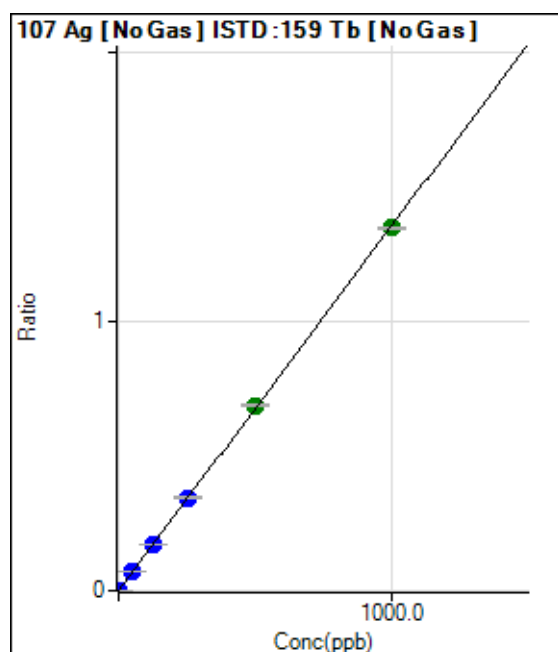
$$R = 0.9999$$

$$DL = 1.213$$

$$BEC = 10.53$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	125.01	0.0000	P	23.8
2	☐	0.100					
3	☐	1.000	1.315	19778.46	0.0018	P	1.3
4	☐	50.000	51.174	773676.10	0.0692	P	1.2
5	☐	125.000	127.503	1909988.69	0.1725	P	0.5
6	☐	250.000	253.927	3797545.22	0.3435	P	1.7
7	☐	500.000	507.229	7618933.07	0.6861	A	0.9
8	☐	1000.000	995.032	15025220.82	1.3459	A	0.9
9	☐			2772.74	0.0003	P	11.0

$$y = 0.0014 * x + 1.1433E-005$$

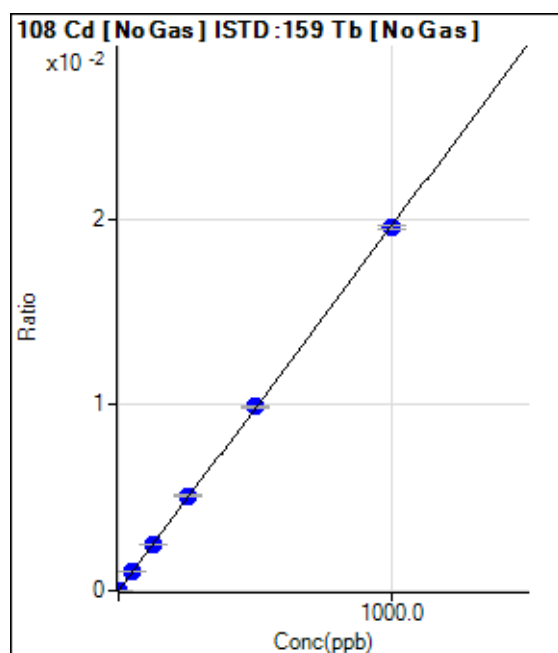
$$R = 1.0000$$

$$DL = 0.006046$$

$$BEC = 0.008453$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	20.83	0.0000	P	52.8
2	☐	0.100					
3	☐	1.000	1.050	248.62	0.0000	P	12.9
4	☐	50.000	52.845	11607.75	0.0010	P	1.8
5	☐	125.000	128.337	27905.65	0.0025	P	1.0
6	☐	250.000	260.051	56435.77	0.0051	P	0.8
7	☐	500.000	504.150	109862.17	0.0099	P	0.8
8	☐	1000.000	994.853	217922.12	0.0195	P	0.9
9	☐			77.78	0.0000	P	5.7

$$y = 1.9619E-005 * x + 1.9043E-006$$

$$R = 0.9999$$

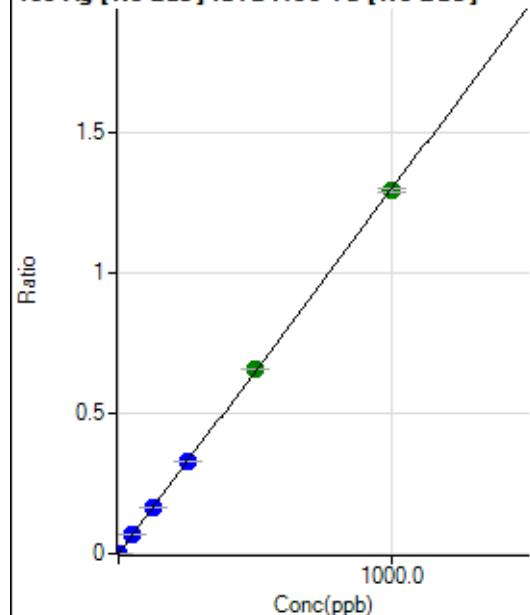
$$DL = 0.1538$$

$$BEC = 0.09707$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	75.00	0.0000	P	40.0
2	☐	0.100					
3	☐	1.000	1.320	18993.88	0.0017	P	3.1
4	☐	50.000	50.709	734904.68	0.0658	P	1.6
5	☐	125.000	126.934	1822839.02	0.1646	P	0.4
6	☐	250.000	252.530	3620700.99	0.3275	P	1.1
7	☐	500.000	507.460	7307392.70	0.6580	A	0.6
8	☐	1000.000	995.360	14408855.70	1.2907	A	1.1
9	☐			2333.74	0.0002	P	11.1

$$y = 0.0013 * x + 6.8608E-006$$

$$R = 1.0000$$

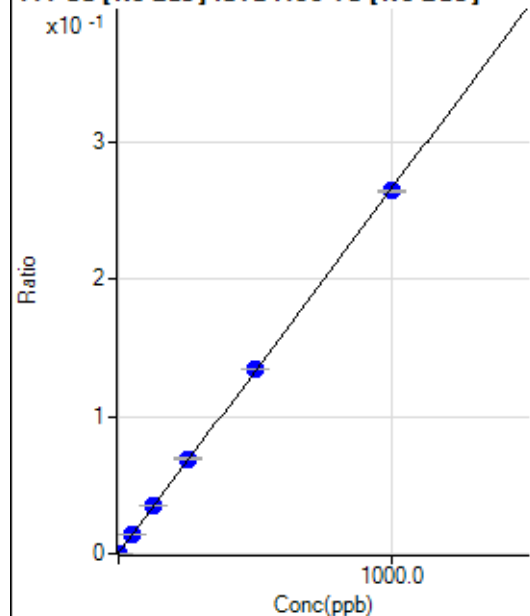
$$DL = 0.006351$$

$$BEC = 0.005291$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2350.24	0.0002	P	3.8
2	☐	0.100					
3	☐	1.000	1.121	5672.71	0.0005	P	4.9
4	☐	50.000	52.184	157541.32	0.0141	P	0.5
5	☐	125.000	131.118	388636.12	0.0351	P	0.5
6	☐	250.000	259.846	766624.50	0.0693	P	1.4
7	☐	500.000	505.061	1494343.08	0.1346	P	0.2
8	☐	1000.000	994.134	2954639.45	0.2647	P	0.8
9	☐			2867.63	0.0003	P	2.8

$$y = 2.6600E-004 * x + 2.1506E-004$$

$$R = 0.9999$$

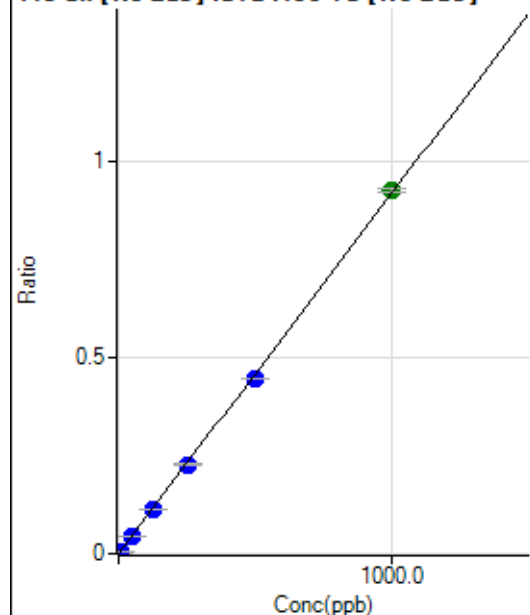
$$DL = 0.09242$$

$$BEC = 0.8085$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1172.33	0.0001	P	14.8
2	☐	0.500					
3	☐	5.000	5.073	52540.48	0.0048	P	0.9
4	☐	50.000	49.019	503093.90	0.0450	P	0.8
5	☐	125.000	123.067	1249798.45	0.1129	P	0.3
6	☐	250.000	246.608	2499208.54	0.2260	P	1.5
7	☐	500.000	485.994	4945652.41	0.4453	P	0.3
8	☐	1000.000	1008.141	10312086.00	0.9237	A	1.2
9	☐			12203.05	0.0012	P	10.7

$$y = 9.1614\text{E-}004 * x + 1.0728\text{E-}004$$

$$R = 0.9998$$

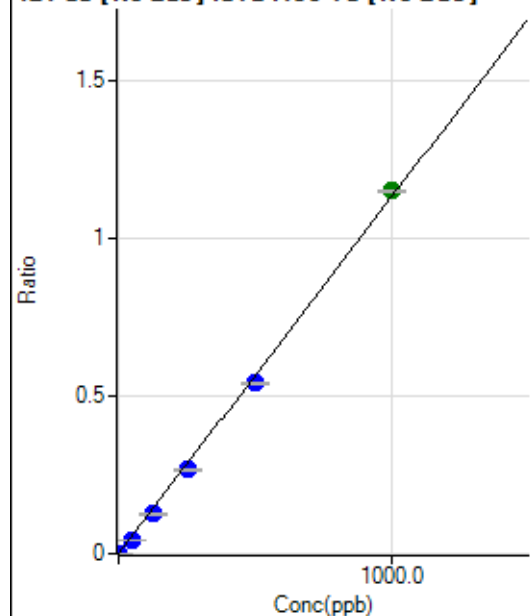
$$DL = 0.05208$$

$$BEC = 0.1171$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2039.14	0.0002	P	13.2
2	☐	0.200					
3	☐	2.000	2.006	27160.52	0.0025	P	0.7
4	☐	50.000	38.311	486806.83	0.0436	P	3.3
5	☐	125.000	110.610	1388783.89	0.1254	P	1.8
6	☐	250.000	234.644	2939056.38	0.2658	P	2.1
7	☐	500.000	477.597	6006503.04	0.5409	P	0.5
8	☐	1000.000	1017.424	12861103.50	1.1520	A	0.8
9	☐			68543.28	0.0065	P	6.8

$$y = 0.0011 * x + 1.8659\text{E-}004$$

$$R = 0.9995$$

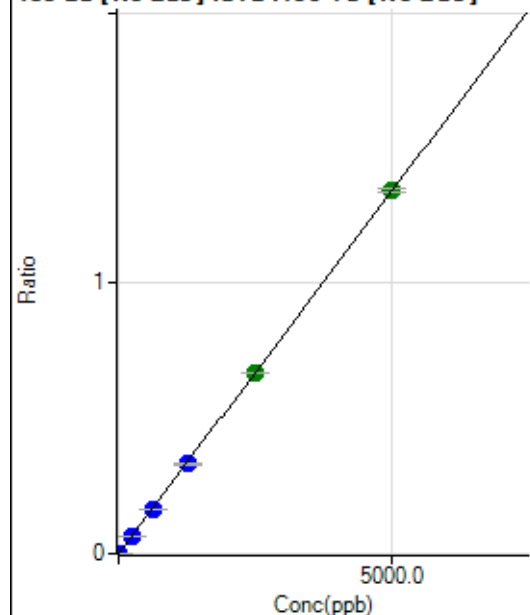
$$DL = 0.06534$$

$$BEC = 0.1648$$

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	58.33	0.0000	P	37.9
2	☐	1.000					
3	☐	10.000	10.153	30080.84	0.0027	P	0.8
4	☐	250.000	246.256	736446.40	0.0659	P	0.9
5	☐	625.000	619.492	1835721.98	0.1658	P	0.4
6	☐	1250.000	1236.999	3659796.22	0.3310	P	1.0
7	☐	2500.000	2488.230	7393577.33	0.6658	A	0.4
8	☐	5000.000	5010.011	14965530.89	1.3405	A	1.0
9	☐			5393.01	0.0005	P	2.0

$$y = 2.6757\text{E-}004 * x + 5.3384\text{E-}006$$

$$R = 1.0000$$

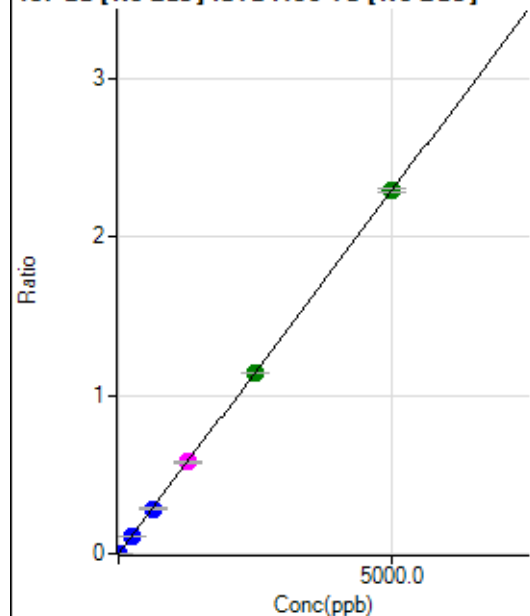
$$DL = 0.02268$$

$$BEC = 0.01995$$

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	125.01	0.0000	P	29.4
2	☐	1.000					
3	☐	10.000	10.461	53110.96	0.0048	P	2.5
4	☐	250.000	248.012	1270519.21	0.1137	P	0.1
5	☐	625.000	621.668	3155426.87	0.2849	P	0.4
6	☐	1250.000	1259.147	6380960.73	0.5771	M	1.5
7	☐	2500.000	2496.017	12703974.50	1.1440	A	0.5
8	☐	5000.000	5000.220	25584014.29	2.2917	A	0.9
9	☐			9084.00	0.0009	P	2.7

$$y = 4.5831\text{E-}004 * x + 1.1445\text{E-}005$$

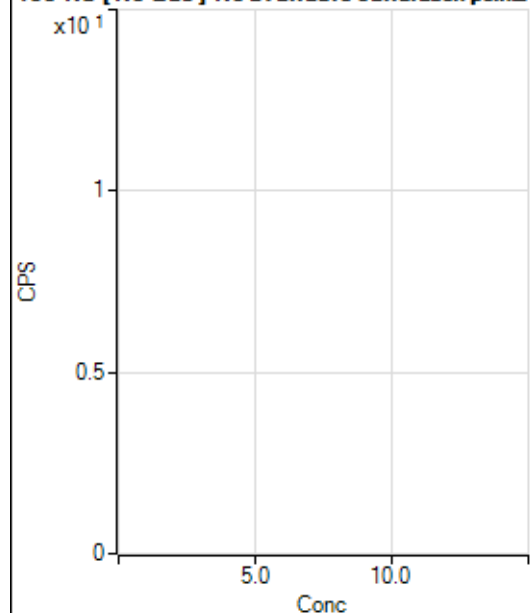
$$R = 1.0000$$

$$DL = 0.02202$$

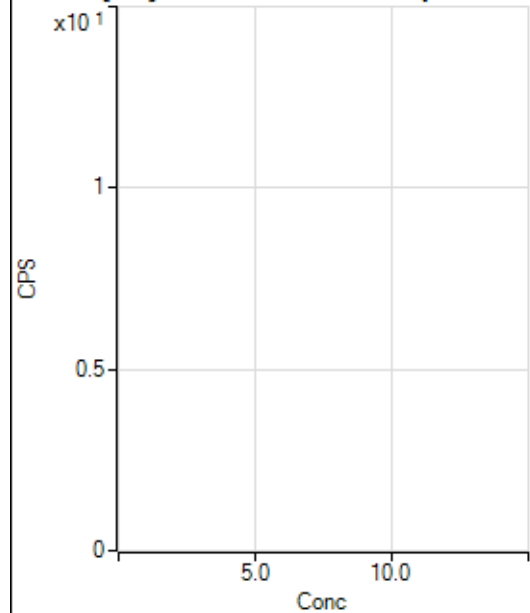
$$BEC = 0.02497$$

Weight: <None>

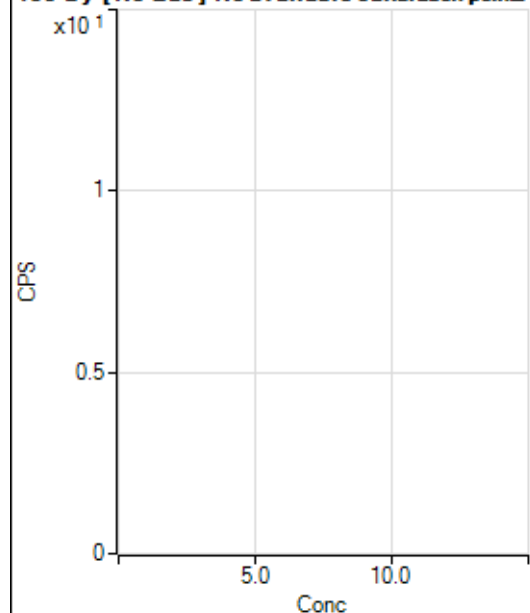
Min Conc: 0

150 Nd [No Gas] No available calibration points

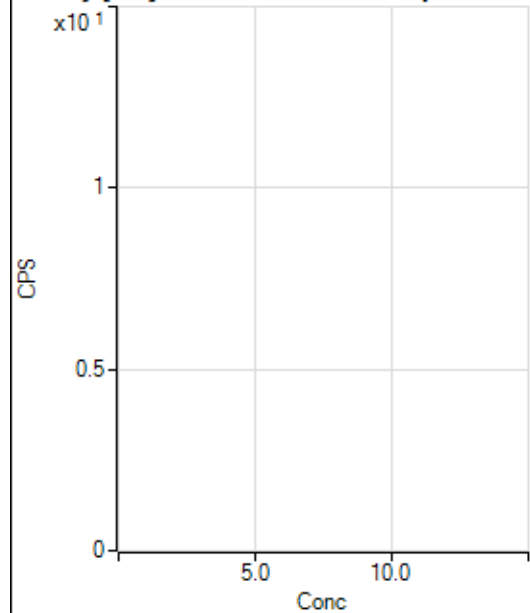
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	0.0
2	☐						
3	☐			4.45		P	86.6
4	☐			55.56		P	30.2
5	☐			128.90		P	10.8
6	☐			220.01		P	10.9
7	☐			422.24		P	11.1
8	☐			757.82		P	4.4
9	☐			155.56		P	8.9

150 Nd [He] No available calibration points

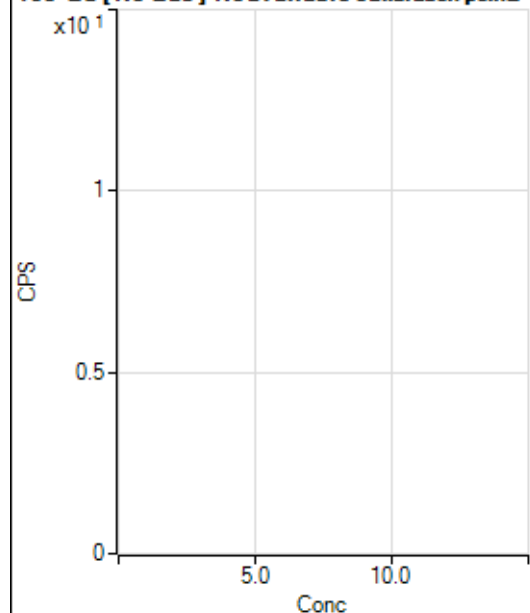
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	0.0
2	☐						
3	☐			4.45		P	86.6
4	☐			11.11		P	96.4
5	☐			34.45		P	48.7
6	☐			34.44		P	24.3
7	☐			57.78		P	14.5
8	☐			103.34		P	6.4
9	☐			94.45		P	13.4

156 Dy [No Gas] No available calibration points

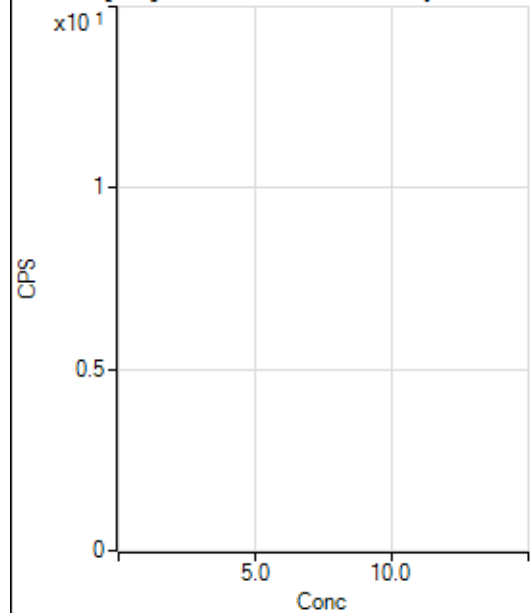
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	114.
2	☐						
3	☐			25.00		P	57.7
4	☐			30.56		P	56.8
5	☐			77.78		P	32.7
6	☐			100.01		P	8.3
7	☐			155.57		P	38.0
8	☐			175.01		P	21.8
9	☐			275.02		P	18.4

156 Dy [He] No available calibration points

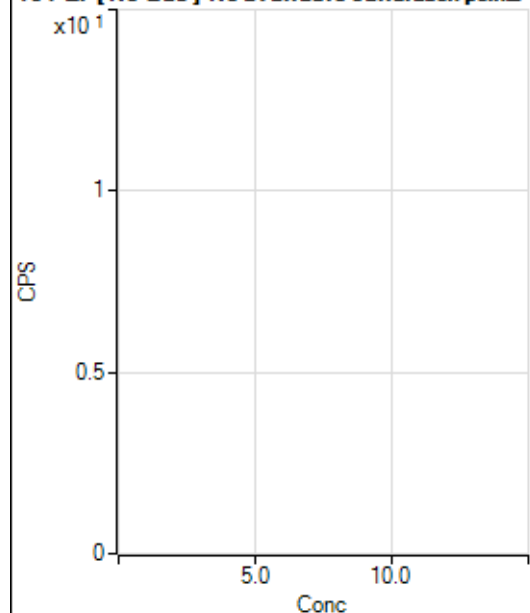
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.78		P	65.5
2	☐						
3	☐			1.11		P	173.
4	☐			14.45		P	26.7
5	☐			22.22		P	22.9
6	☐			24.45		P	55.1
7	☐			40.00		P	14.4
8	☐			54.45		P	28.9
9	☐			95.56		P	29.0

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

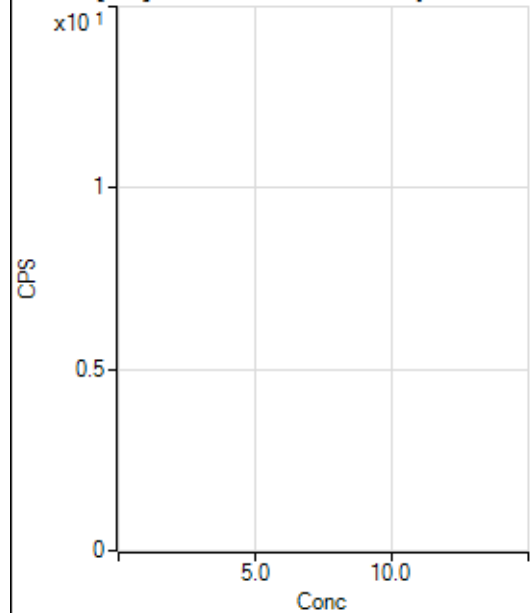
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			108.34		P	13.3
2	☐						
3	☐			136.12		P	44.3
4	☐			91.67		P	32.8
5	☐			105.56		P	38.9
6	☐			108.34		P	38.5
7	☐			91.67		P	32.8
8	☐			147.23		P	44.0
9	☐			197.23		P	10.6

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			38.89		P	24.7
2	☐						
3	☐			31.11		P	34.4
4	☐			23.33		P	28.6
5	☐			53.33		P	22.5
6	☐			50.00		P	24.0
7	☐			50.00		P	17.6
8	☐			55.56		P	18.3
9	☐			120.00		P	21.7

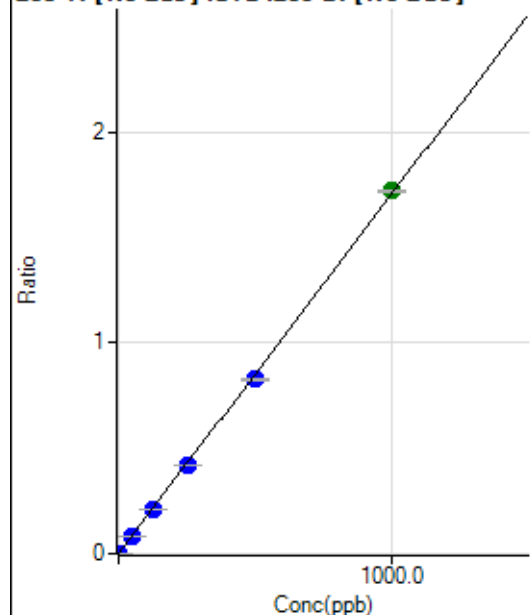
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			41.67		P	0.0
2	☐						
3	☐			58.34		P	14.3
4	☐			44.45		P	54.1
5	☐			52.78		P	9.1
6	☐			102.78		P	32.8
7	☐			69.45		P	30.2
8	☐			88.89		P	19.5
9	☐			141.67		P	29.4

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.33		P	66.1
2	☐						
3	☐			42.22		P	12.1
4	☐			20.00		P	76.4
5	☐			33.33		P	26.5
6	☐			33.33		P	30.0
7	☐			34.45		P	20.1
8	☐			30.00		P	77.8
9	☐			61.11		P	47.7

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	230.57	0.0000	P	34.2
2	☐	0.100					
3	☐	1.000	0.978	11288.60	0.0017	P	1.9
4	☐	50.000	48.025	547131.51	0.0819	P	0.3
5	☐	125.000	120.843	1351653.73	0.2061	P	0.2
6	☐	250.000	244.438	2724280.51	0.4168	P	0.2
7	☐	500.000	485.040	5355914.40	0.8271	P	1.1
8	☐	1000.000	1009.489	10865658.23	1.7213	A	0.5
9	☐			4809.42	0.0009	P	3.0

$$y = 0.0017 * x + 3.4758E-005$$

$$R = 0.9998$$

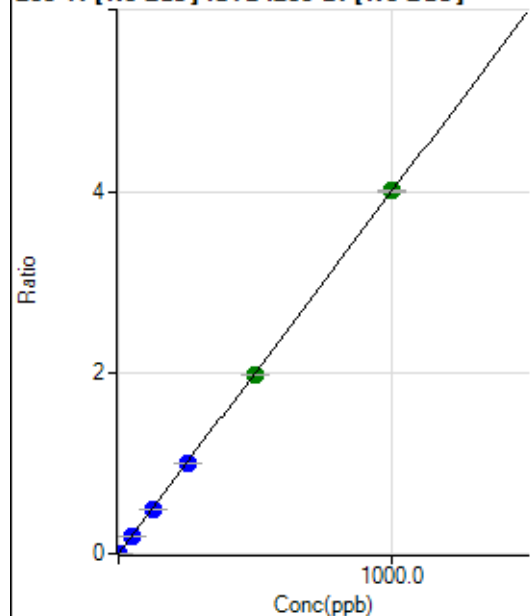
$$DL = 0.02095$$

$$BEC = 0.02039$$

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	488.93	0.0001	P	7.3
2	☐	0.100					
3	☐	1.000	1.019	27493.32	0.0041	P	3.2
4	☐	50.000	49.234	1314165.79	0.1968	P	0.6
5	☐	125.000	123.946	3248331.28	0.4953	P	0.7
6	☐	250.000	248.505	6489442.72	0.9929	P	0.4
7	☐	500.000	495.842	12828991.52	1.9811	A	0.3
8	☐	1000.000	1002.623	25286191.71	4.0058	A	0.6
9	☐			11299.81	0.0020	P	6.9

$$y = 0.0040 * x + 7.3755E-005$$

$$R = 1.0000$$

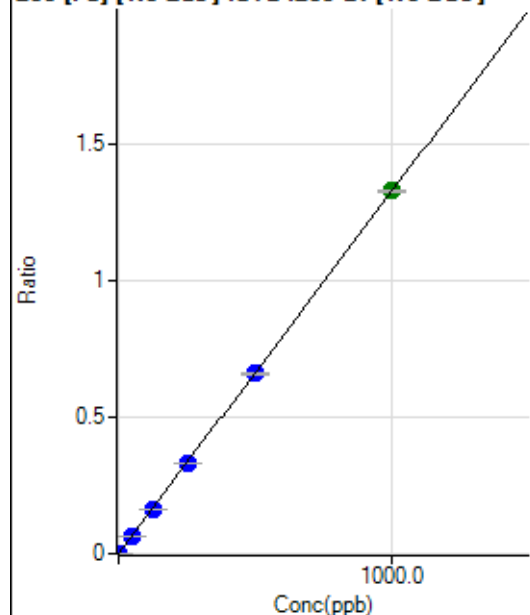
$$DL = 0.004059$$

$$BEC = 0.01846$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1133.42	0.0002	P	6.6
2	☐	0.100					
3	☐	1.000	1.830	17228.30	0.0026	P	1.7
4	☐	50.000	49.675	441022.12	0.0660	P	0.6
5	☐	125.000	123.856	1078217.74	0.1644	P	0.9
6	☐	250.000	248.761	2156886.41	0.3300	P	0.6
7	☐	500.000	496.804	4266864.39	0.6589	P	0.6
8	☐	1000.000	1002.066	8388244.63	1.3288	A	0.5
9	☐			17065.08	0.0030	P	4.5

$$y = 0.0013 * x + 1.7100E-004$$

$$R = 1.0000$$

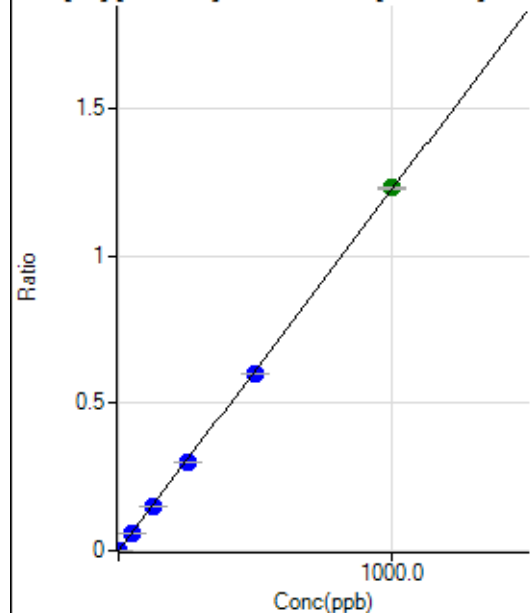
$$DL = 0.02562$$

$$BEC = 0.129$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1055.64	0.0002	P	7.8
2	☐	0.100					
3	☐	1.000	1.788	15552.05	0.0023	P	1.1
4	☐	50.000	49.005	401068.71	0.0601	P	0.6
5	☐	125.000	122.884	986068.31	0.1503	P	0.2
6	☐	250.000	245.812	1964535.88	0.3006	P	0.3
7	☐	500.000	491.319	3889574.53	0.6006	P	0.2
8	☐	1000.000	1005.701	7759846.41	1.2293	A	0.6
9	☐			14289.55	0.0025	P	5.3

$$y = 0.0012 * x + 1.5933E-004$$

$$R = 0.9999$$

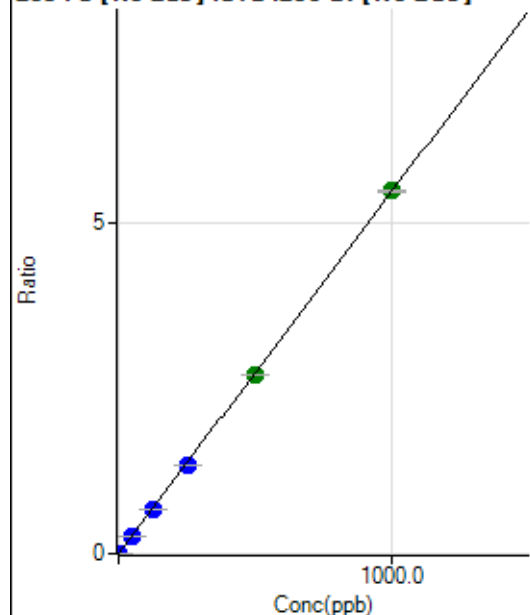
$$DL = 0.03063$$

$$BEC = 0.1304$$

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	4656.03	0.0007	P	2.4
2	☐	0.100					
3	☐	1.000	1.792	69773.19	0.0105	P	1.4
4	☐	50.000	48.996	1796781.36	0.2690	P	0.3
5	☐	125.000	122.771	4414556.99	0.6731	P	0.4
6	☐	250.000	246.276	8819872.56	1.3495	P	0.3
7	☐	500.000	496.160	17601320.38	2.7180	A	0.2
8	☐	1000.000	1003.179	34685667.39	5.4948	A	0.5
9	☐			66406.97	0.0118	P	1.8

$$y = 0.0055 * x + 7.0253E-004$$

$$R = 1.0000$$

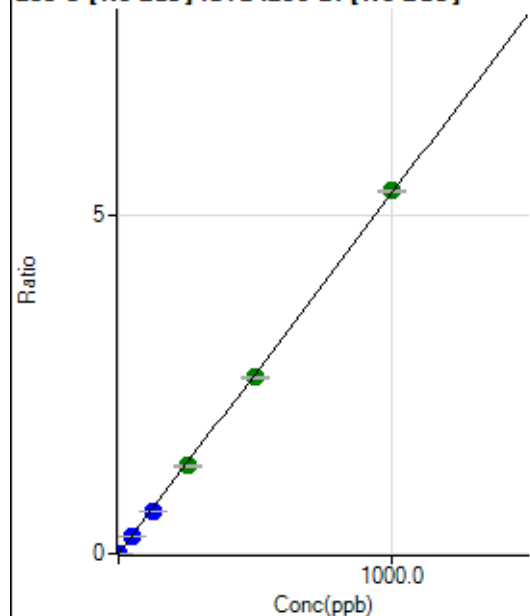
$$DL = 0.009116$$

$$BEC = 0.1283$$

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	330.58	0.0000	P	8.6
2	☐	0.100					
3	☐	1.000	1.017	36140.36	0.0054	P	1.9
4	☐	50.000	46.993	1666318.64	0.2495	P	0.2
5	☐	125.000	117.934	4106251.26	0.6261	P	0.4
6	☐	250.000	244.107	8469203.84	1.2958	A	1.0
7	☐	500.000	489.038	16810880.76	2.5959	A	0.4
8	☐	1000.000	1007.988	33776063.60	5.3506	A	0.3
9	☐			6315.78	0.0011	P	3.7

$$y = 0.0053 * x + 4.9897E-005$$

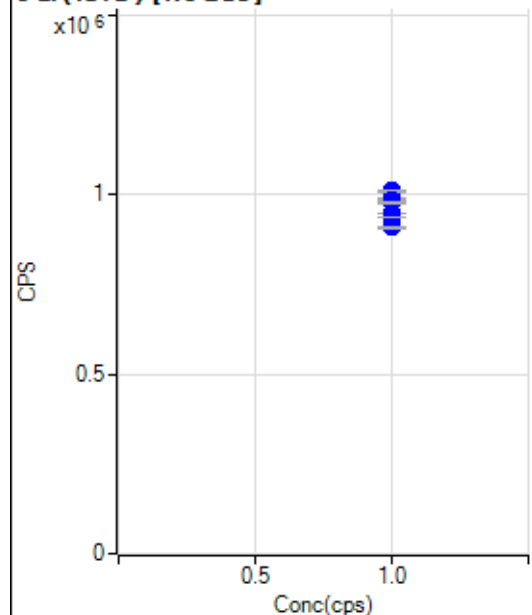
$$R = 0.9999$$

$$DL = 0.002435$$

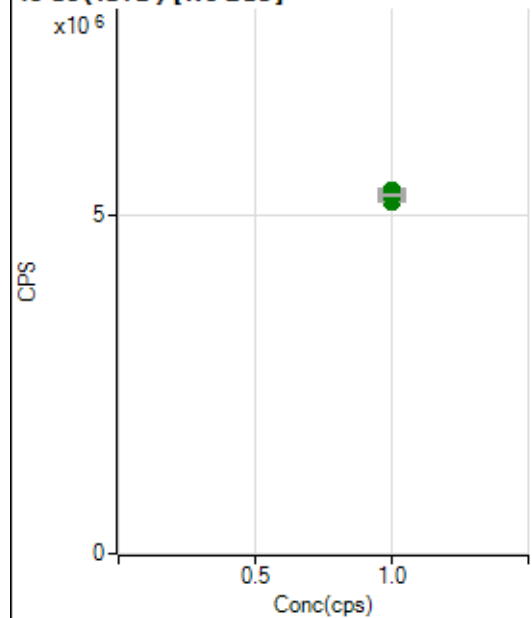
$$BEC = 0.0094$$

Weight: <None>

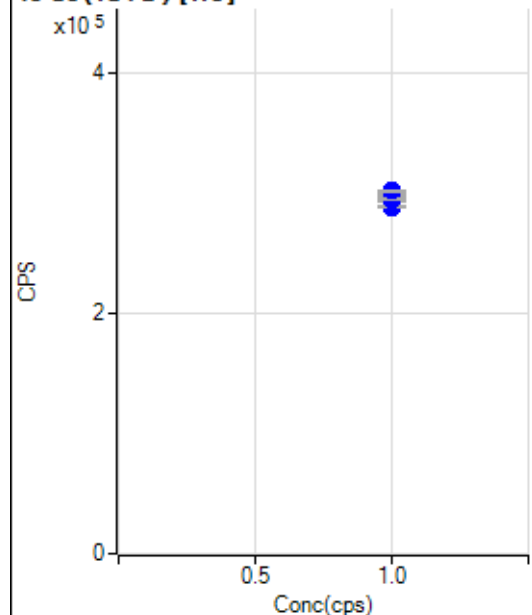
Min Conc: 0

6 Li (ISTD) [No Gas]

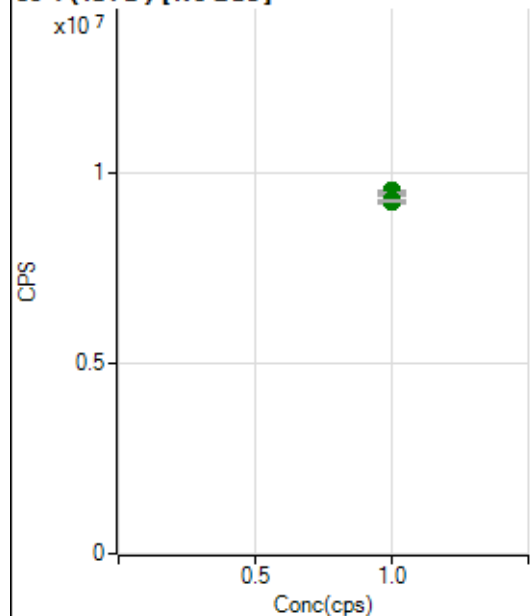
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		988192.80		P	0.7
2	☐	1.000					
3	☐	1.000		1008336.16		P	0.4
4	☐	1.000		1010332.63		P	0.4
5	☐	1.000		985411.34		P	0.2
6	☐	1.000		977616.59		P	0.3
7	☐	1.000		947510.84		P	0.1
8	☐	1.000		936377.37		P	0.1
9	☐	1.000		909515.29		P	0.4

45 Sc (ISTD) [No Gas]

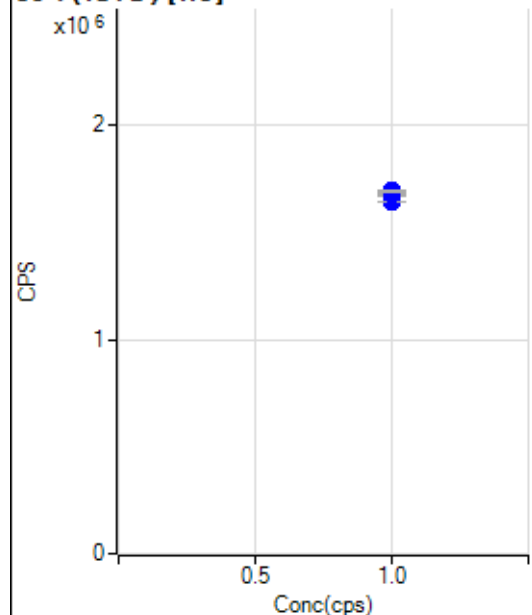
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5202693.00		A	0.4
2	☐	1.000					
3	☐	1.000		5312557.32		A	0.5
4	☐	1.000		5352995.26		A	0.9
5	☐	1.000		5332806.28		A	0.4
6	☐	1.000		5353056.85		A	0.5
7	☐	1.000		5264557.76		A	0.6
8	☐	1.000		5316057.71		A	0.6
9	☐	1.000		5299404.33		A	0.3

45 Sc (ISTD) [He]

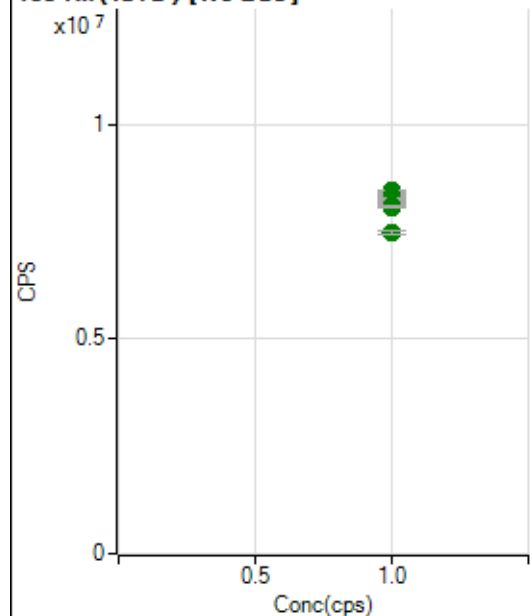
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		288559.30		P	0.8
2	☐	1.000					
3	☐	1.000		296016.69		P	0.5
4	☐	1.000		297885.01		P	0.6
5	☐	1.000		294243.60		P	0.5
6	☐	1.000		294511.22		P	0.6
7	☐	1.000		293924.64		P	0.7
8	☐	1.000		295520.81		P	0.7
9	☐	1.000		302024.65		P	0.5

89 Y (ISTD) [No Gas]

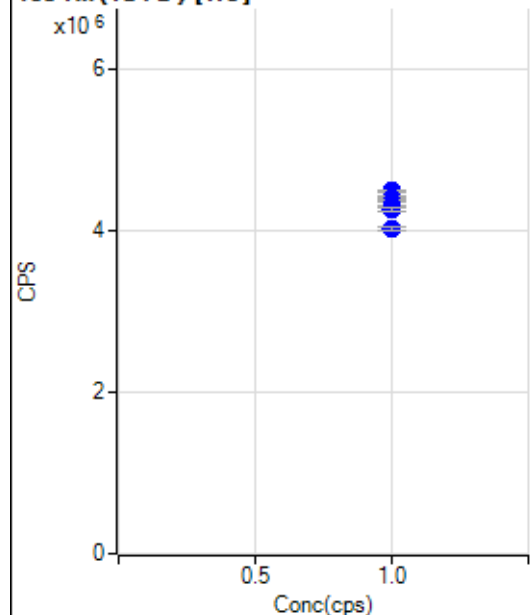
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9255164.45		A	0.4
2	☐	1.000					
3	☐	1.000		9450553.05		A	0.4
4	☐	1.000		9534119.58		A	0.6
5	☐	1.000		9428987.64		A	0.3
6	☐	1.000		9548361.32		A	0.3
7	☐	1.000		9448761.73		A	0.2
8	☐	1.000		9475483.54		A	0.5
9	☐	1.000		9293930.69		A	0.4

89 Y(ISTD) [He]

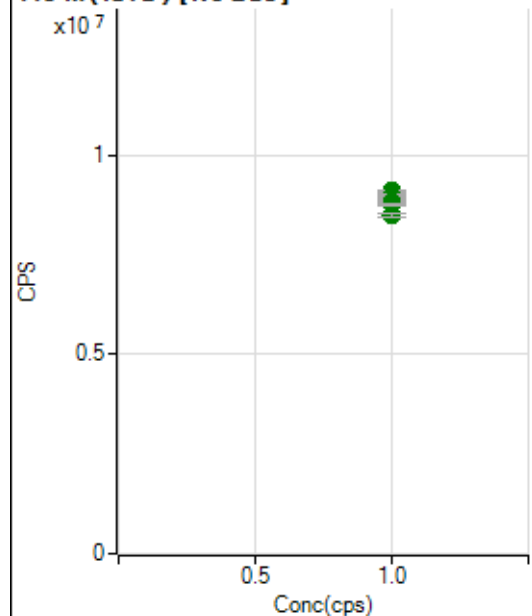
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1644296.47		P	0.2
2	☐	1.000					
3	☐	1.000		1691317.18		P	0.3
4	☐	1.000		1692031.07		P	0.1
5	☐	1.000		1680094.80		P	0.5
6	☐	1.000		1676403.40		P	0.8
7	☐	1.000		1681928.41		P	0.3
8	☐	1.000		1684158.93		P	1.0
9	☐	1.000		1693847.32		P	0.8

103 Rh(ISTD) [No Gas]

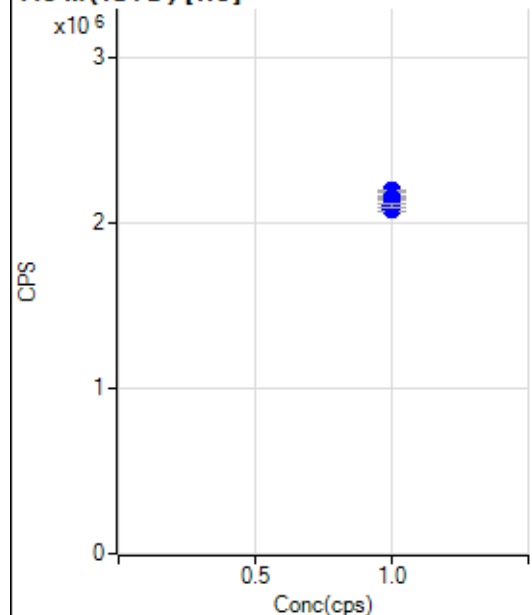
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8234717.28		A	0.5
2	☐	1.000					
3	☐	1.000		8405014.43		A	1.1
4	☐	1.000		8448943.77		A	0.6
5	☐	1.000		8315808.69		A	0.6
6	☐	1.000		8258549.75		A	0.2
7	☐	1.000		8118291.50		A	0.3
8	☐	1.000		8076032.56		A	0.5
9	☐	1.000		7476524.04		A	0.7

103 Rh (ISTD) [He]

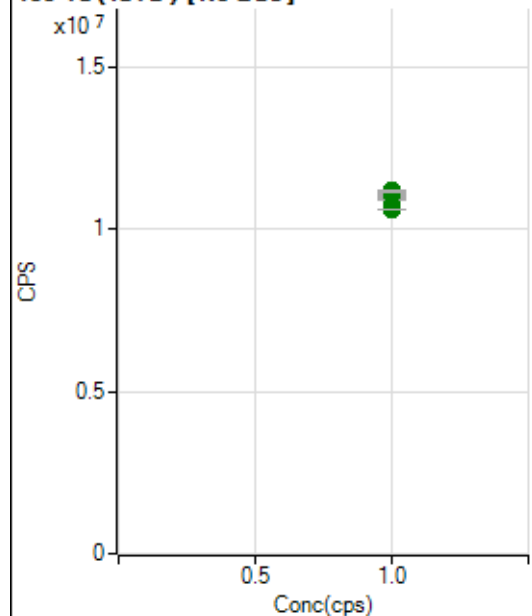
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4386629.38		P	0.1
2	☐	1.000					
3	☐	1.000		4497014.52		P	0.4
4	☐	1.000		4498733.82		P	0.4
5	☐	1.000		4418375.98		P	0.5
6	☐	1.000		4373035.59		P	0.5
7	☐	1.000		4321396.85		P	0.3
8	☐	1.000		4272779.69		P	1.2
9	☐	1.000		4029012.65		P	0.8

115 In (ISTD) [No Gas]

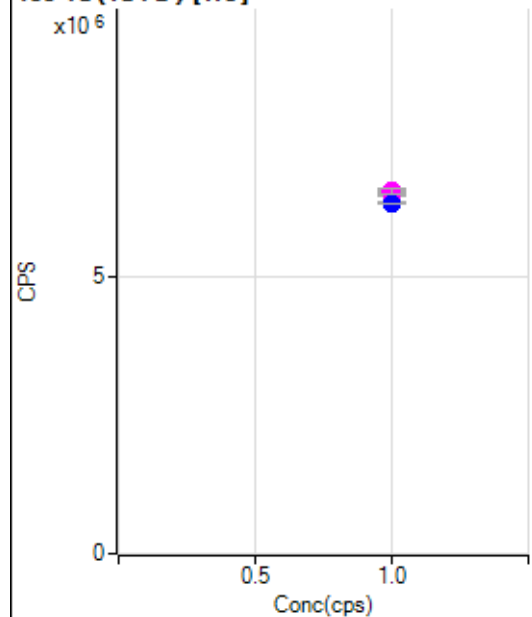
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8909326.46		A	0.8
2	☐	1.000					
3	☐	1.000		9098026.26		A	0.6
4	☐	1.000		9094800.09		A	0.7
5	☐	1.000		8966322.55		A	0.1
6	☐	1.000		8987127.89		A	0.4
7	☐	1.000		8818088.31		A	0.2
8	☐	1.000		8754565.74		A	0.7
9	☐	1.000		8493537.54		A	1.1

115 In (ISTD) [He]

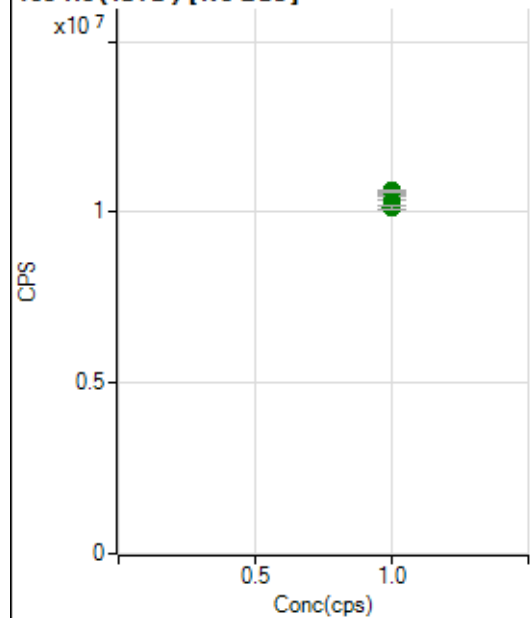
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2135446.02		P	0.3
2	☐	1.000					
3	☐	1.000		2190758.06		P	0.3
4	☐	1.000		2189477.05		P	0.2
5	☐	1.000		2153932.07		P	0.5
6	☐	1.000		2136506.83		P	0.4
7	☐	1.000		2115203.76		P	0.2
8	☐	1.000		2082768.31		P	1.0
9	☐	1.000		2102612.07		P	0.7

159 Tb (ISTD) [No Gas]

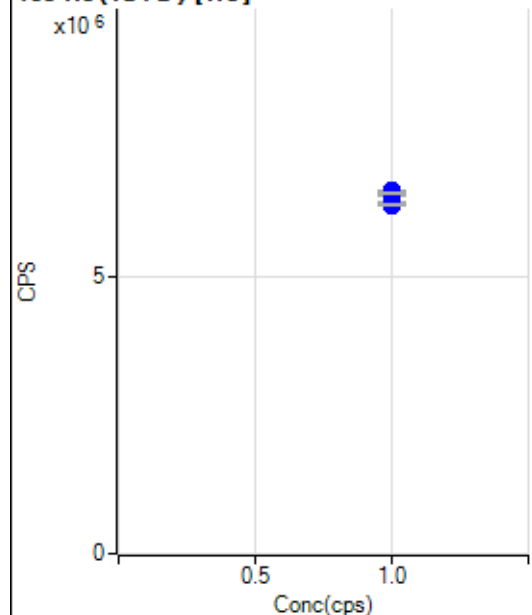
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10929207.47		A	0.4
2	☐	1.000					
3	☐	1.000		11051147.75		A	0.7
4	☐	1.000		11176397.05		A	0.8
5	☐	1.000		11074542.48		A	0.5
6	☐	1.000		11058031.92		A	1.2
7	☐	1.000		11105174.83		A	0.2
8	☐	1.000		11164355.67		A	0.7
9	☐	1.000		10605322.41		A	0.5

159 Tb (ISTD) [He]

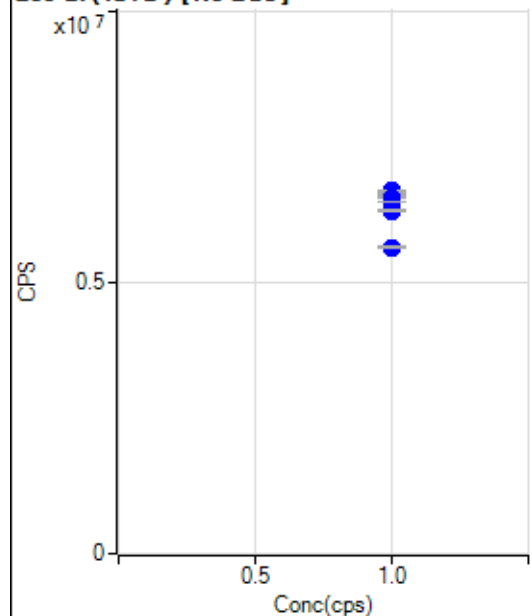
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6336651.15		P	0.3
2	☐	1.000					
3	☐	1.000		6515530.04		P	0.0
4	☐	1.000		6544360.74		P	0.3
5	☐	1.000		6473807.89		P	0.1
6	☐	1.000		6499594.41		M	0.6
7	☐	1.000		6522929.21		M	0.8
8	☐	1.000		6553836.98		M	1.5
9	☐	1.000		6322413.59		P	0.3

165 Ho (ISTD) [No Gas]

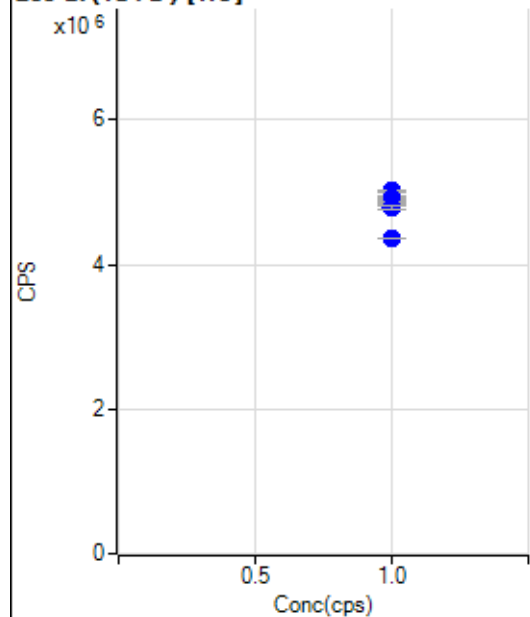
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10359273.06		A	0.5
2	☐	1.000					
3	☐	1.000		10478411.69		A	0.3
4	☐	1.000		10591766.90		A	1.2
5	☐	1.000		10508544.85		A	1.1
6	☐	1.000		10613803.97		A	0.2
7	☐	1.000		10512899.80		A	0.8
8	☐	1.000		10621031.49		A	0.6
9	☐	1.000		10111799.27		A	1.0

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6352924.63		P	0.6
2	☐	1.000					
3	☐	1.000		6502118.73		P	0.3
4	☐	1.000		6569678.51		P	0.2
5	☐	1.000		6488003.93		P	0.3
6	☐	1.000		6500083.17		P	0.2
7	☐	1.000		6500858.03		P	0.1
8	☐	1.000		6530394.28		P	0.8
9	☐	1.000		6318415.60		P	0.4

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6627344.69		P	0.6
2	☐	1.000					
3	☐	1.000		6634653.17		P	0.7
4	☐	1.000		6678707.54		P	0.6
5	☐	1.000		6558784.76		P	0.3
6	☐	1.000		6535816.71		P	0.1
7	☐	1.000		6475838.38		P	0.2
8	☐	1.000		6312576.02		P	0.5
9	☐	1.000		5633684.36		P	0.6

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4910898.33		P	0.7
2	☐	1.000					
3	☐	1.000		5010534.82		P	0.4
4	☐	1.000		5016325.55		P	0.4
5	☐	1.000		4919927.22		P	0.5
6	☐	1.000		4899263.12		P	0.2
7	☐	1.000		4843227.25		P	0.5
8	☐	1.000		4786181.98		P	0.9
9	☐	1.000		4363768.65		P	0.3

US EPA Tune Check Sample Report

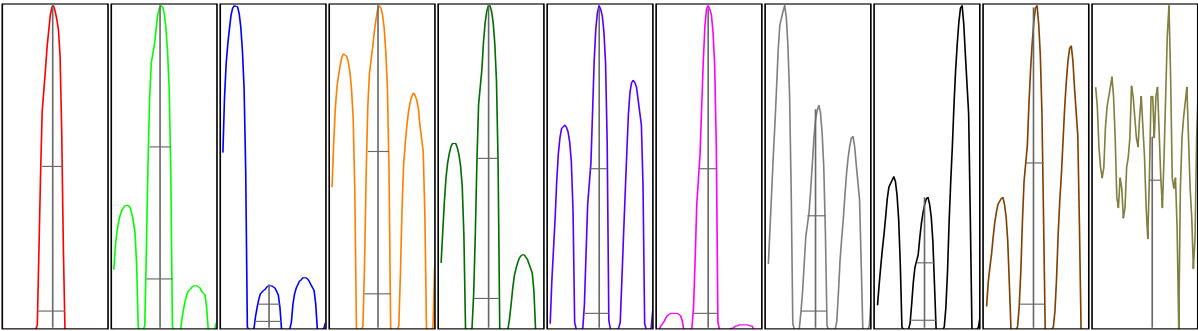
Batch Folder D:\ICP-MS Data\P7032217-MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	46469	0.67	5.00	
24	1845227	0.67	5.00	
25	252256	0.45	5.00	
26	295574	0.70	5.00	
59	628383	0.61	5.00	
113	103673	0.72	5.00	
115	1596950	0.36	5.00	
206	200430	0.92	5.00	
207	178277	0.75	5.00	
208	428917	0.71	5.00	
220	9	17.25		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	46070	46333	46526	46928	46487
24	1826857	1840939	1848022	1850441	1859873
25	250315	252462	252739	253352	252415
26	292200	294955	296618	297105	296991
59	621554	630020	630455	629720	630169
113	102407	103673	104245	103854	104186
115	1587871	1601380	1600843	1599714	1594944
206	197318	200809	200935	200788	202299
207	176238	178138	178055	179500	179452
208	424214	428332	429350	430279	432412
220	8	12	10	8	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	7988	8.95	8.9 - 9.1		0.780	0.900	
24	304906	23.90	23.9 - 24.1		0.754	0.900	
25	41558	24.90	24.9 - 25.1		0.747	0.900	
26	48852	25.90	25.9 - 26.1		0.763	0.900	
59	109764	58.95	58.9 - 59.1		0.749	0.900	
113	20290	113.00	112.9 - 113.1		0.717	0.900	
115	311926	115.00	114.9 - 115.1		0.711	0.900	
206	40377	205.95	205.9 - 206.1		0.738	0.900	
207	35362	206.95	206.9 - 207.1		0.731	0.900	
208	86938	207.95	207.9 - 208.1		0.735	0.900	
220	1	220.25	-				

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	10.0	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	8.5	V			
Extract 2	-200.0	V	Cell Entrance	-30	V			
Omega Bias	-95	V	Cell Exit	-50	V			
Deflect	13.4	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	180	V			
Energy Discrimination	5.0	V						

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	192766	0.38	
89	155101	0.38	
205	219995	0.26	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	192084	192109	192552	193419	193664
89	154507	155552	154457	155234	155752
205	219583	220783	219328	219989	220290

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	10.0	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	10.2	V			
Extract 2	-195.0	V	Cell Entrance	-40	V			
Omega Bias	-90	V	Cell Exit	-60	V			
Deflect	2.8	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 :	LB86522	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 16:05:19	DataFile Name :	002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.14	0.01	-0.15	0.00	N/A	ppb
Antimony	121-1	-0.02	0.01	0.02	0.00	N/A	ppb
Arsenic	75-2	0.02	-0.02	0.00	0.00	N/A	ppb
Barium	135-1	-0.01	0.00	0.01	0.00	N/A	ppb
Barium	137-1	-0.01	0.00	0.01	0.00	N/A	ppb
Beryllium	9-1	0.00	0.01	-0.01	0.00	N/A	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	-0.17	-0.09	0.25	0.00	N/A	ppb
Boron	11-1	0.01	-0.04	0.02	0.00	N/A	ppb
Cadmium	106-1	0.31	-0.46	0.14	0.00	N/A	ppb
Cadmium	108-1	0.04	0.02	-0.06	0.00	N/A	ppb
Cadmium	111-1	0.02	-0.04	0.02	0.00	N/A	ppb
Calcium	43-1	0.73	-0.15	-0.58	0.00	N/A	ppb
Calcium	44-1	-1.55	1.57	-0.02	0.00	N/A	ppb
Chromium	52-2	0.02	-0.02	-0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.00	0.01	-0.02	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	165-2						%
Holmium	165-1						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	-0.01	0.05	-0.04	0.00	N/A	ppb
Iron	57-2	0.15	-0.13	-0.02	0.00	N/A	ppb
Lead	206-1	0.00	0.01	-0.01	0.00	N/A	ppb
Lead	207-1	-0.01	0.00	0.01	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1						%
Magnesium	24-2	0.09	-0.06	-0.03	0.00	N/A	ppb
Manganese	55-2	0.01	0.01	-0.01	0.00	N/A	ppb

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 16:05:19	DataFile Name :	002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	95-1	-0.01	0.01	0.01	0.00	N/A	ppb
Molybdenum	96-1	-0.01	0.01	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.01	-0.01	0.00	N/A	ppb
Phosphorus	31-2	-12.44	-14.23	-14.71	-13.79		ppb
Potassium	39-2	-2.93	3.55	-0.62	0.00	N/A	ppb
Rhodium	103-2						%
Rhodium	103-1						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.78	0.75	0.03	0.00	N/A	ppb
Selenium	82-1	-0.15	0.66	-0.51	0.00	N/A	ppb
Silicon	28-1	-0.06	0.37	-0.31	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	-1.70	1.16	0.54	0.00	N/A	ppb
Strontium	86-1	-0.03	0.00	0.03	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	222.45	203.49	205.67	210.54	4.93	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	-0.01	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.02	0.00	0.02	0.00	N/A	ppb
Titanium	47-1	-0.01	0.02	-0.01	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-2						%
Yttrium	89-1						%
Zinc	66-2	-0.05	-0.03	0.08	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 16:05:19	DataFile Name :	002CALB.d

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

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 16:13:40	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.91	20.95	24.59	22.15	9.53	ppb
Antimony	121-1	1.99	2.01	2.01	2.01	0.71	ppb
Arsenic	75-2	1.11	1.01	1.09	1.07	4.55	ppb
Barium	135-1	10.10	10.24	10.11	10.15	0.76	ppb
Barium	137-1	10.29	10.77	10.33	10.46	2.54	ppb
Beryllium	9-1	1.01	0.99	0.99	1.00	1.35	ppb
Bismuth	209-2						%
Bismuth	209-1						%
Boron	10-1	4.97	5.01	5.02	5.00	0.48	ppb
Boron	11-1	5.09	5.16	5.12	5.13	0.69	ppb
Cadmium	106-1	0.23	1.82	1.08	1.04	76.24	ppb
Cadmium	108-1	1.11	0.88	1.16	1.05	14.07	ppb
Cadmium	111-1	1.03	1.21	1.13	1.12	8.36	ppb
Calcium	43-1	547.28	515.62	517.93	526.94	3.35	ppb
Calcium	44-1	541.67	547.58	540.63	543.30	0.69	ppb
Chromium	52-2	2.29	2.19	2.19	2.22	2.61	ppb
Cobalt	59-2	1.04	1.10	1.07	1.07	3.08	ppb
Copper	63-2	2.29	2.35	2.30	2.31	1.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-2						%
Holmium	165-1						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	51.00	51.53	51.00	51.18	0.59	ppb
Iron	57-2	49.57	51.06	51.25	50.63	1.82	ppb
Lead	206-1	1.85	1.85	1.79	1.83	1.79	ppb
Lead	207-1	1.78	1.81	1.77	1.79	1.14	ppb
Lead	208-1	1.78	1.82	1.77	1.79	1.51	ppb
Lithium	6-1						%
Magnesium	24-2	543.86	547.80	533.34	541.67	1.38	ppb
Manganese	55-2	1.48	1.40	1.48	1.45	3.26	ppb

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 16:13:40	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.05	2.00	1.94	2.00	2.80	ppb
Molybdenum	95-1	4.95	4.82	4.69	4.82	2.68	ppb
Molybdenum	96-1	4.17	4.09	4.06	4.10	1.35	ppb
Molybdenum	97-1	5.02	4.95	4.91	4.96	1.15	ppb
Molybdenum	98-1	4.77	4.71	4.64	4.71	1.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.35	1.22	1.23	1.26	5.55	ppb
Phosphorus	31-2	26.26	2.94	12.19	13.79	85.13	ppb
Potassium	39-2	505.98	501.94	489.01	498.98	1.78	ppb
Rhodium	103-2						%
Rhodium	103-1						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	5.42	7.30	5.72	6.15	16.46	ppb
Selenium	82-1	4.83	4.52	5.84	5.06	13.61	ppb
Selenium	78-2	5.28	5.65	4.60	5.18	10.30	ppb
Silicon	28-1	2.25	-0.61	0.58	0.74	193.26	ppb
Silver	109-1	1.27	1.34	1.35	1.32	3.14	ppb
Silver	107-1	1.31	1.30	1.34	1.31	1.35	ppb
Sodium	23-2	556.24	558.83	554.18	556.41	0.42	ppb
Strontium	86-1	1.04	1.07	0.94	1.02	7.00	ppb
Strontium	88-1	1.11	1.13	1.13	1.12	0.77	ppb
Sulfur	34-1	-99.58	-290.73	-241.31	-210.54		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.99	0.96	0.98	0.98	1.99	ppb
Thallium	205-1	1.00	1.06	1.00	1.02	3.29	ppb
Tin	118-1	5.02	5.10	5.10	5.07	0.95	ppb
Titanium	47-1	4.91	5.17	5.39	5.16	4.71	ppb
Uranium	238-1	1.04	1.02	1.00	1.02	1.90	ppb
Vanadium	51-2	5.26	5.27	5.24	5.26	0.26	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	3.80	3.89	3.97	3.89	2.25	ppb
Zirconium	90-1	0.82	0.77	0.78	0.79	2.99	ppb

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 16:13:40	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.81	0.82	0.78	0.80	2.89	ppb

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 16:17:32	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	972.21	976.87	989.61	979.56	0.92	ppb
Antimony	121-1	39.73	37.84	37.36	38.31	3.27	ppb
Arsenic	75-2	49.21	50.21	49.57	49.66	1.03	ppb
Barium	135-1	246.42	244.05	248.30	246.26	0.86	ppb
Barium	137-1	248.01	248.30	247.73	248.01	0.11	ppb
Beryllium	9-1	50.52	50.53	50.48	50.51	0.05	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	48.36	48.37	48.16	48.30	0.25	ppb
Boron	11-1	48.95	48.06	49.22	48.74	1.25	ppb
Cadmium	106-1	51.72	52.83	54.01	52.85	2.16	ppb
Cadmium	108-1	53.72	51.81	53.00	52.84	1.82	ppb
Cadmium	111-1	52.29	51.90	52.36	52.18	0.48	ppb
Calcium	43-1	4944.24	4988.30	4902.25	4944.93	0.87	ppb
Calcium	44-1	4937.12	5003.83	4946.61	4962.52	0.73	ppb
Chromium	52-2	51.37	50.99	52.07	51.48	1.06	ppb
Cobalt	59-2	51.58	52.01	52.45	52.01	0.84	ppb
Copper	63-2	104.98	103.64	105.94	104.85	1.10	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						%
Holmium	165-2						%
Indium	115-2						%
Indium	115-1						%
Iron	56-2	2430.14	2445.46	2469.59	2448.40	0.81	ppb
Iron	57-2	2378.65	2412.19	2420.45	2403.76	0.92	ppb
Lead	206-1	50.02	49.58	49.43	49.67	0.62	ppb
Lead	207-1	48.90	48.76	49.36	49.00	0.64	ppb
Lead	208-1	49.17	48.94	48.88	49.00	0.31	ppb
Lithium	6-1						%
Magnesium	24-2	5205.70	5145.28	5221.92	5190.97	0.78	ppb
Manganese	55-2	101.76	102.94	104.59	103.10	1.38	ppb

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 16:17:32	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	48.31	47.53	47.58	47.81	0.91	ppb
Molybdenum	95-1	48.80	47.84	47.19	47.94	1.69	ppb
Molybdenum	96-1	48.20	47.70	46.75	47.55	1.55	ppb
Molybdenum	97-1	48.79	48.09	48.23	48.37	0.76	ppb
Molybdenum	98-1	46.82	46.66	46.12	46.53	0.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	54.91	55.64	56.37	55.64	1.31	ppb
Phosphorus	31-2	1009.54	1025.01	1028.89	1021.15	1.00	ppb
Potassium	39-2	2454.39	2438.52	2468.98	2453.96	0.62	ppb
Rhodium	103-2						%
Rhodium	103-1						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	47.75	49.53	51.50	49.59	3.77	ppb
Selenium	78-2	51.68	49.10	48.85	49.87	3.14	ppb
Selenium	82-1	50.28	51.63	49.46	50.46	2.18	ppb
Silicon	28-1	60.83	64.88	57.53	61.08	6.03	ppb
Silver	107-1	51.24	50.51	51.77	51.17	1.24	ppb
Silver	109-1	51.02	49.78	51.33	50.71	1.62	ppb
Sodium	23-2	5173.92	5093.20	5162.18	5143.10	0.85	ppb
Strontium	86-1	50.08	50.65	49.10	49.95	1.57	ppb
Strontium	88-1	50.11	50.11	49.40	49.87	0.82	ppb
Sulfur	34-1	766.26	965.32	689.07	806.88	17.66	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	48.07	48.12	47.88	48.03	0.27	ppb
Thallium	205-1	49.55	48.99	49.16	49.23	0.58	ppb
Tin	118-1	49.27	48.55	49.24	49.02	0.82	ppb
Titanium	47-1	49.56	52.47	49.62	50.55	3.29	ppb
Uranium	238-1	46.90	46.97	47.11	46.99	0.23	ppb
Vanadium	51-2	50.68	50.18	51.25	50.70	1.05	ppb
Yttrium	89-2						%
Yttrium	89-1						%
Zinc	66-2	107.15	106.74	108.00	107.30	0.60	ppb
Zirconium	90-1	49.28	48.84	48.57	48.89	0.73	ppb

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 16:17:32	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	49.34	49.43	48.79	49.19	0.70	ppb

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 16:21:38	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2444.90	2432.32	2463.53	2446.92	0.64	ppb
Antimony	121-1	112.75	110.26	108.82	110.61	1.80	ppb
Arsenic	75-2	126.41	125.08	125.55	125.68	0.54	ppb
Barium	135-1	621.76	619.66	617.05	619.49	0.38	ppb
Barium	137-1	623.97	622.10	618.93	621.67	0.41	ppb
Beryllium	9-1	127.09	125.86	127.27	126.74	0.60	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	121.09	122.42	125.60	123.04	1.88	ppb
Boron	11-1	123.82	125.09	125.21	124.71	0.61	ppb
Cadmium	111-1	131.89	130.50	130.97	131.12	0.54	ppb
Cadmium	106-1	130.42	131.34	133.65	131.80	1.27	ppb
Cadmium	108-1	126.82	129.24	128.95	128.34	1.03	ppb
Calcium	43-1	12146.06	12132.89	12294.65	12191.20	0.74	ppb
Calcium	44-1	12012.53	12028.11	12343.44	12128.03	1.54	ppb
Chromium	52-2	129.26	128.45	128.74	128.81	0.32	ppb
Cobalt	59-2	130.24	130.09	130.76	130.36	0.27	ppb
Copper	63-2	258.75	258.01	260.29	259.01	0.45	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	165-1						%
Holmium	165-2						%
Indium	115-2						%
Indium	115-1						%
Iron	56-2	6129.71	6074.23	6139.80	6114.58	0.58	ppb
Iron	57-2	5972.05	5992.54	6021.18	5995.25	0.41	ppb
Lead	206-1	123.16	125.08	123.33	123.86	0.86	ppb
Lead	207-1	122.75	123.17	122.73	122.88	0.20	ppb
Lead	208-1	122.27	123.33	122.72	122.77	0.43	ppb
Lithium	6-1						%
Magnesium	24-2	12968.52	12886.34	12971.72	12942.19	0.37	ppb
Manganese	55-2	257.51	257.96	256.59	257.35	0.27	ppb

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 16:21:38	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	121.49	121.25	121.67	121.47	0.17	ppb
Molybdenum	95-1	123.09	122.34	122.59	122.67	0.31	ppb
Molybdenum	96-1	121.70	121.63	121.55	121.63	0.06	ppb
Molybdenum	97-1	124.80	123.68	123.52	124.00	0.56	ppb
Molybdenum	98-1	120.46	119.76	119.31	119.84	0.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	132.04	131.28	131.97	131.76	0.32	ppb
Phosphorus	31-2	2665.47	2690.51	2506.45	2620.81	3.81	ppb
Potassium	39-2	6190.50	6141.80	6216.67	6182.99	0.61	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-2						%
Scandium	45-1						%
Selenium	82-1	126.07	125.23	125.81	125.71	0.34	ppb
Selenium	77-2	123.35	121.60	129.00	124.65	3.10	ppb
Selenium	78-2	123.05	129.03	126.67	126.25	2.39	ppb
Silicon	28-1	166.88	168.60	169.91	168.46	0.90	ppb
Silver	109-1	127.50	126.90	126.40	126.93	0.44	ppb
Silver	107-1	127.56	128.14	126.81	127.50	0.52	ppb
Sodium	23-2	12858.44	12706.28	12807.63	12790.78	0.61	ppb
Strontium	86-1	124.84	125.64	126.14	125.54	0.52	ppb
Strontium	88-1	124.84	124.44	125.39	124.89	0.38	ppb
Sulfur	34-1	2644.56	2622.17	2558.13	2608.29	1.72	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	120.67	121.13	120.73	120.84	0.21	ppb
Thallium	205-1	122.98	124.81	124.05	123.95	0.74	ppb
Tin	118-1	123.00	123.48	122.73	123.07	0.31	ppb
Titanium	47-1	126.13	125.88	125.90	125.97	0.11	ppb
Uranium	238-1	117.77	117.60	118.43	117.93	0.37	ppb
Vanadium	51-2	127.20	126.77	127.29	127.09	0.22	ppb
Yttrium	89-2						%
Yttrium	89-1						%
Zinc	66-2	261.05	261.80	262.67	261.84	0.31	ppb
Zirconium	91-1	126.86	125.11	126.86	126.28	0.80	ppb

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 16:21:38	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	124.33	124.24	124.06	124.21	0.11	ppb

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 16:25:24	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4831.00	4807.72	4802.24	4813.65	0.32	ppb
Antimony	121-1	240.12	233.12	230.69	234.64	2.09	ppb
Arsenic	75-2	249.78	252.67	252.46	251.64	0.64	ppb
Barium	135-1	1251.29	1230.45	1229.25	1237.00	1.00	ppb
Barium	137-1	1279.29	1243.05	1255.10	1259.15	1.47	ppb
Beryllium	9-1	254.94	252.06	255.01	254.00	0.66	ppb
Bismuth	209-2						%
Bismuth	209-1						%
Boron	10-1	247.76	255.76	252.80	252.11	1.61	ppb
Boron	11-1	249.58	252.21	255.47	252.42	1.17	ppb
Cadmium	108-1	262.30	259.52	258.33	260.05	0.78	ppb
Cadmium	111-1	263.39	259.83	256.32	259.85	1.36	ppb
Cadmium	106-1	266.34	259.23	247.00	257.52	3.80	ppb
Calcium	43-1	24625.34	24271.17	24230.99	24375.84	0.89	ppb
Calcium	44-1	24323.78	23986.67	24366.17	24225.54	0.86	ppb
Chromium	52-2	253.92	255.12	254.74	254.59	0.24	ppb
Cobalt	59-2	255.22	256.19	256.58	256.00	0.27	ppb
Copper	63-2	508.03	508.62	510.82	509.16	0.29	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	12006.07	12048.09	12116.64	12056.94	0.46	ppb
Iron	57-2	11813.18	11858.43	11897.88	11856.50	0.36	ppb
Lead	206-1	247.01	249.83	249.44	248.76	0.61	ppb
Lead	207-1	246.68	245.53	245.22	245.81	0.31	ppb
Lead	208-1	246.34	246.99	245.51	246.28	0.30	ppb
Lithium	6-1						%
Magnesium	24-2	25456.69	25314.56	25314.54	25361.93	0.32	ppb
Manganese	55-2	506.36	508.54	508.56	507.82	0.25	ppb

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 16:25:24	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	241.90	241.77	241.40	241.69	0.11	ppb
Molybdenum	95-1	246.82	246.08	244.76	245.88	0.42	ppb
Molybdenum	96-1	243.79	244.06	242.20	243.35	0.41	ppb
Molybdenum	97-1	249.66	247.41	247.07	248.05	0.57	ppb
Molybdenum	98-1	240.26	240.54	235.88	238.89	1.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	259.42	258.32	257.12	258.29	0.44	ppb
Phosphorus	31-2	5016.87	5043.42	5128.04	5062.78	1.15	ppb
Potassium	39-2	12234.14	12260.13	12318.50	12270.92	0.35	ppb
Rhodium	103-2						%
Rhodium	103-1						%
Scandium	45-2						%
Scandium	45-1						%
Selenium	77-2	251.58	248.11	247.64	249.11	0.86	ppb
Selenium	78-2	257.11	255.19	253.12	255.14	0.78	ppb
Selenium	82-1	255.61	252.64	250.33	252.86	1.05	ppb
Silicon	28-1	338.56	332.96	336.91	336.14	0.86	ppb
Silver	107-1	258.39	253.76	249.63	253.93	1.73	ppb
Silver	109-1	255.57	252.14	249.87	252.53	1.14	ppb
Sodium	23-2	25250.56	25167.55	25533.31	25317.14	0.76	ppb
Strontium	86-1	250.30	250.67	247.93	249.63	0.59	ppb
Strontium	88-1	247.59	248.98	249.08	248.55	0.33	ppb
Sulfur	34-1	5034.92	4841.75	4814.20	4896.96	2.46	ppb
Terbium	159-2						%
Terbium	159-1						%
Thallium	203-1	244.10	244.37	244.84	244.44	0.15	ppb
Thallium	205-1	247.44	248.72	249.36	248.51	0.39	ppb
Tin	118-1	250.70	245.75	243.38	246.61	1.51	ppb
Titanium	47-1	252.95	249.96	252.15	251.69	0.61	ppb
Uranium	238-1	243.11	242.39	246.82	244.11	0.97	ppb
Vanadium	51-2	251.16	252.30	252.60	252.02	0.30	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	513.60	519.13	519.01	517.25	0.61	ppb
Zirconium	90-1	245.98	246.08	247.84	246.63	0.42	ppb

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 16:25:24	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	249.17	248.91	249.19	249.09	0.06	ppb

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 16:29:06	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9454.16	9480.30	9595.49	9509.98	0.79	ppb
Antimony	121-1	480.45	476.40	475.94	477.60	0.52	ppb
Arsenic	75-2	500.03	500.00	497.86	499.30	0.25	ppb
Barium	135-1	2493.46	2476.05	2495.18	2488.23	0.43	ppb
Barium	137-1	2490.66	2486.97	2510.42	2496.02	0.51	ppb
Beryllium	9-1	505.98	505.02	507.09	506.03	0.20	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	499.29	504.97	510.46	504.90	1.11	ppb
Boron	11-1	497.77	501.82	505.17	501.58	0.74	ppb
Cadmium	106-1	502.96	508.37	502.47	504.60	0.65	ppb
Cadmium	108-1	508.42	500.65	503.38	504.15	0.78	ppb
Cadmium	111-1	504.72	504.52	505.94	505.06	0.15	ppb
Calcium	43-1	48536.51	48602.32	48466.25	48535.03	0.14	ppb
Calcium	44-1	48852.21	48385.25	48558.05	48598.50	0.49	ppb
Chromium	52-2	502.45	499.87	505.86	502.73	0.60	ppb
Cobalt	59-2	502.07	500.45	507.94	503.48	0.78	ppb
Copper	63-2	992.69	994.99	1002.25	996.64	0.50	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						%
Holmium	165-1						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	23673.93	23881.02	23882.07	23812.34	0.50	ppb
Iron	57-2	23264.32	23265.87	23534.54	23354.91	0.67	ppb
Lead	206-1	493.79	499.16	497.46	496.80	0.55	ppb
Lead	207-1	490.67	492.46	490.83	491.32	0.20	ppb
Lead	208-1	497.41	495.72	495.35	496.16	0.22	ppb
Lithium	6-1						%
Magnesium	24-2	49893.68	49737.06	50122.83	49917.86	0.39	ppb
Manganese	55-2	995.56	999.50	1012.78	1002.61	0.90	ppb

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 16:29:06	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	486.90	483.21	485.56	485.22	0.38	ppb
Molybdenum	95-1	496.56	489.23	491.65	492.48	0.76	ppb
Molybdenum	96-1	492.23	484.75	492.15	489.71	0.88	ppb
Molybdenum	97-1	498.12	495.10	497.53	496.92	0.32	ppb
Molybdenum	98-1	483.29	477.65	481.24	480.73	0.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	506.78	506.81	511.97	508.52	0.59	ppb
Phosphorus	31-2	10101.60	10067.01	9987.78	10052.13	0.58	ppb
Potassium	39-2	24081.99	24173.06	24056.62	24103.89	0.25	ppb
Rhodium	103-2						%
Rhodium	103-1						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	502.66	528.64	487.48	506.26	4.11	ppb
Selenium	78-2	495.98	509.04	496.14	500.39	1.50	ppb
Selenium	82-1	503.55	499.09	498.63	500.42	0.54	ppb
Silicon	28-1	501.98	495.68	491.14	496.27	1.10	ppb
Silver	109-1	510.64	505.11	506.64	507.46	0.56	ppb
Silver	107-1	512.18	506.15	503.36	507.23	0.89	ppb
Sodium	23-2	49450.59	48946.80	50196.31	49531.23	1.27	ppb
Strontium	86-1	494.24	495.12	499.21	496.19	0.53	ppb
Strontium	88-1	497.19	499.92	493.49	496.87	0.65	ppb
Sulfur	34-1	10117.65	9977.84	9677.19	9924.23	2.27	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	479.10	487.82	488.20	485.04	1.06	ppb
Thallium	205-1	494.40	496.88	496.25	495.84	0.26	ppb
Tin	118-1	487.51	484.29	486.19	485.99	0.33	ppb
Titanium	47-1	501.16	503.31	496.05	500.17	0.74	ppb
Uranium	238-1	487.16	490.96	488.99	489.04	0.39	ppb
Vanadium	51-2	499.20	498.63	502.56	500.13	0.42	ppb
Yttrium	89-2						%
Yttrium	89-1						%
Zinc	66-2	1012.33	1015.30	1019.91	1015.85	0.38	ppb
Zirconium	90-1	498.79	503.07	500.44	500.77	0.43	ppb

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 16:29:06	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	499.43	499.76	502.06	500.42	0.29	ppb

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 16:32:44	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18640.02	18730.18	18684.23	18684.81	0.24	ppb
Antimony	121-1	1008.15	1023.87	1020.25	1017.42	0.81	ppb
Arsenic	75-2	998.84	1002.28	998.49	999.87	0.21	ppb
Barium	135-1	4956.40	5019.42	5054.21	5010.01	0.99	ppb
Barium	137-1	4946.73	5022.30	5031.64	5000.22	0.93	ppb
Beryllium	9-1	998.56	993.13	995.53	995.74	0.27	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	993.17	1002.12	998.27	997.85	0.45	ppb
Boron	11-1	991.54	999.89	1006.17	999.20	0.73	ppb
Cadmium	111-1	985.99	995.01	1001.40	994.13	0.78	ppb
Cadmium	106-1	996.35	995.30	992.84	994.83	0.18	ppb
Cadmium	108-1	984.92	997.75	1001.89	994.85	0.89	ppb
Calcium	43-1	95802.42	96562.30	95579.99	95981.57	0.54	ppb
Calcium	44-1	96926.41	96587.41	96118.52	96544.11	0.42	ppb
Chromium	52-2	995.06	996.78	998.98	996.94	0.20	ppb
Cobalt	59-2	991.28	998.14	998.55	995.99	0.41	ppb
Copper	63-2	2006.09	2007.81	1980.16	1998.02	0.78	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	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	47194.85	47497.70	47214.03	47302.19	0.36	ppb
Iron	57-2	46076.95	46445.72	46180.10	46234.26	0.41	ppb
Lead	206-1	997.48	1006.73	1001.99	1002.07	0.46	ppb
Lead	207-1	999.49	1012.09	1005.52	1005.70	0.63	ppb
Lead	208-1	998.96	1008.28	1002.30	1003.18	0.47	ppb
Lithium	6-1						%
Magnesium	24-2	97875.17	98366.09	97923.01	98054.76	0.28	ppb
Manganese	55-2	1987.73	2002.68	1996.59	1995.67	0.38	ppb

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 16:32:44	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1021.09	999.98	1009.02	1010.03	1.05	ppb
Molybdenum	95-1	1014.44	994.54	1006.58	1005.18	1.00	ppb
Molybdenum	96-1	1025.41	996.10	1000.56	1007.36	1.57	ppb
Molybdenum	97-1	1007.00	1002.03	997.68	1002.24	0.47	ppb
Molybdenum	98-1	1026.33	1009.61	1003.76	1013.23	1.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	987.82	996.83	992.97	992.54	0.46	ppb
Phosphorus	31-2	19829.99	20098.65	19897.60	19942.08	0.70	ppb
Potassium	39-2	47831.03	47895.52	47811.38	47845.98	0.09	ppb
Rhodium	103-2						%
Rhodium	103-1						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	1027.78	999.90	963.78	997.15	3.22	ppb
Selenium	78-2	996.56	1006.08	992.47	998.37	0.70	ppb
Selenium	82-1	1003.46	989.91	1003.52	998.96	0.78	ppb
Silicon	28-1	978.54	974.69	970.09	974.44	0.43	ppb
Silver	109-1	983.48	1003.78	998.82	995.36	1.06	ppb
Silver	107-1	986.26	995.66	1003.17	995.03	0.85	ppb
Sodium	23-2	97569.78	97300.64	97778.28	97549.57	0.25	ppb
Strontium	86-1	1004.55	996.93	1004.32	1001.93	0.43	ppb
Strontium	88-1	1002.31	1001.35	1002.19	1001.95	0.05	ppb
Sulfur	34-1	20041.50	20098.79	20039.00	20059.77	0.17	ppb
Terbium	159-2						%
Terbium	159-1						%
Thallium	203-1	1003.64	1010.77	1014.05	1009.49	0.53	ppb
Thallium	205-1	996.49	1007.65	1003.73	1002.62	0.56	ppb
Tin	118-1	994.33	1016.58	1013.51	1008.14	1.20	ppb
Titanium	47-1	1008.18	999.28	990.56	999.34	0.88	ppb
Uranium	238-1	1006.55	1006.20	1011.22	1007.99	0.28	ppb
Vanadium	51-2	994.57	1002.60	1000.22	999.13	0.41	ppb
Yttrium	89-2						%
Yttrium	89-1						%
Zinc	66-2	1982.12	1992.02	1983.61	1985.92	0.27	ppb
Zirconium	90-1	1003.31	998.39	1000.13	1000.61	0.25	ppb

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 16:32:44	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1000.38	996.51	1002.81	999.90	0.32	ppb

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 16:36:18	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100554.91	99205.64	101208.11	100322.89	1.02	ppb
Antimony	121-1	5.15	5.55	5.93	5.55	7.04	ppb
Arsenic	75-2	1.52	1.61	2.03	1.72	15.66	ppb
Barium	135-1	1.84	1.90	1.91	1.88	1.98	ppb
Barium	137-1	1.79	1.88	1.87	1.84	2.70	ppb
Beryllium	9-1	0.17	0.20	0.19	0.19	6.36	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	20.00	17.33	17.12	18.15	8.85	ppb
Boron	11-1	19.84	18.33	16.70	18.29	8.59	ppb
Cadmium	106-1	0.83	-0.12	0.06	0.26	195.61	ppb
Cadmium	108-1	0.30	0.26	0.26	0.28	7.71	ppb
Cadmium	111-1	0.24	0.20	0.18	0.21	13.44	ppb
Calcium	43-1	503495.10	500767.01	498706.80	500989.64	0.48	ppb
Calcium	44-1	499739.12	499573.14	503326.79	500879.68	0.42	ppb
Chromium	52-2	24.11	23.94	24.12	24.06	0.43	ppb
Cobalt	59-2	1.28	1.33	1.31	1.31	1.84	ppb
Copper	63-2	2.99	2.93	3.03	2.98	1.62	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						%
Holmium	165-2						%
Indium	115-2						%
Indium	115-1						%
Iron	56-2	251509.11	249215.76	251328.27	250684.38	0.51	ppb
Iron	57-2	250702.67	248850.12	253318.70	250957.16	0.89	ppb
Lead	206-1	2.09	2.10	2.27	2.16	4.77	ppb
Lead	207-1	1.82	1.98	2.03	1.95	5.66	ppb
Lead	208-1	1.99	2.01	2.07	2.02	1.95	ppb
Lithium	6-1						%
Magnesium	24-2	502362.63	495687.08	503048.77	500366.16	0.81	ppb
Manganese	55-2	7.86	8.09	8.22	8.06	2.23	ppb

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 16:36:18	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.99	2.13	2.25	2.12	6.17	ppb
Molybdenum	95-1	5.70	6.10	6.78	6.19	8.80	ppb
Molybdenum	96-1	5.56	6.13	6.41	6.03	7.18	ppb
Molybdenum	97-1	5.93	6.23	7.00	6.38	8.67	ppb
Molybdenum	98-1	5.68	6.03	6.48	6.06	6.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	14.10	13.69	13.81	13.87	1.49	ppb
Phosphorus	31-2	13.97	24.09	10.97	16.34	42.05	ppb
Potassium	39-2	249551.48	247929.63	254120.91	250534.01	1.28	ppb
Rhodium	103-2						%
Rhodium	103-1						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	1.28	1.91	4.09	2.43	60.81	ppb
Selenium	78-2	2.93	2.45	2.16	2.51	15.43	ppb
Selenium	82-1	1.79	1.94	2.93	2.22	27.93	ppb
Silicon	28-1	0.44	-0.03	-0.19	0.07	452.44	ppb
Silver	109-1	0.15	0.18	0.16	0.16	11.48	ppb
Silver	107-1	0.17	0.21	0.17	0.18	11.48	ppb
Sodium	23-2	502944.85	496539.54	502052.66	500512.35	0.69	ppb
Strontium	86-1	32.43	31.91	31.81	32.05	1.04	ppb
Strontium	88-1	32.21	31.88	31.96	32.02	0.54	ppb
Sulfur	34-1	-1677.68	-1628.32	-1633.80	-1646.60		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.49	0.48	0.47	0.48	3.10	ppb
Thallium	205-1	0.52	0.48	0.45	0.48	7.18	ppb
Tin	118-1	0.99	1.17	1.26	1.14	11.75	ppb
Titanium	47-1	0.85	0.81	0.84	0.83	2.03	ppb
Uranium	238-1	0.21	0.21	0.19	0.20	3.86	ppb
Vanadium	51-2	0.34	0.28	0.32	0.31	10.23	ppb
Yttrium	89-2						%
Yttrium	89-1						%
Zinc	66-2	12.26	12.21	12.47	12.31	1.12	ppb
Zirconium	90-1	0.23	0.36	0.26	0.28	24.24	ppb

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 16:36:18	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.21	0.28	0.26	0.25	14.80	ppb

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 16:40:06	DataFile Name :	011ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	505.48	497.95	488.92	497.45	1.67	ppb
Antimony	121-1	197.72	194.90	190.91	194.51	1.76	ppb
Arsenic	75-2	199.88	199.50	198.94	199.44	0.24	ppb
Barium	135-1	102.86	101.18	99.04	101.03	1.90	ppb
Barium	137-1	103.77	101.80	101.16	102.24	1.33	ppb
Beryllium	9-1	96.93	96.56	97.08	96.86	0.28	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	461.08	467.09	476.98	468.38	1.71	ppb
Boron	11-1	464.91	473.11	477.39	471.81	1.34	ppb
Cadmium	111-1	109.45	109.47	107.77	108.89	0.90	ppb
Cadmium	106-1	184.94	180.73	188.58	184.75	2.13	ppb
Cadmium	108-1	148.60	150.87	148.73	149.40	0.85	ppb
Calcium	43-1	2216.85	2190.10	2183.88	2196.95	0.80	ppb
Calcium	44-1	2106.17	2108.37	2089.05	2101.20	0.50	ppb
Chromium	52-2	98.33	98.13	97.97	98.14	0.18	ppb
Cobalt	59-2	101.58	101.36	101.83	101.59	0.23	ppb
Copper	63-2	101.22	101.25	100.94	101.14	0.17	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	974.42	969.89	970.45	971.58	0.25	ppb
Iron	57-2	975.89	958.09	956.95	963.64	1.10	ppb
Lead	208-1	194.49	192.28	191.96	192.91	0.72	ppb
Lead	206-1	202.87	198.31	199.00	200.06	1.23	ppb
Lead	207-1	191.39	187.57	188.33	189.09	1.07	ppb
Lithium	6-1						%
Magnesium	24-2	1194.71	1195.11	1196.98	1195.60	0.10	ppb
Manganese	55-2	102.03	99.67	101.63	101.11	1.25	ppb

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 16:40:06	DataFile Name :	011ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	483.70	485.11	469.67	479.50	1.78	ppb
Molybdenum	95-1	473.38	472.91	474.31	473.53	0.15	ppb
Molybdenum	96-1	468.32	471.35	473.13	470.94	0.52	ppb
Molybdenum	97-1	475.86	480.53	479.40	478.60	0.51	ppb
Molybdenum	98-1	460.49	461.37	462.99	461.62	0.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	103.40	103.21	103.96	103.52	0.38	ppb
Phosphorus	31-2	-1.13	14.38	-1.82	3.81	240.53	ppb
Potassium	39-2	1955.25	1950.00	1952.32	1952.52	0.13	ppb
Rhodium	103-2						%
Rhodium	103-1						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	204.55	197.93	202.25	201.58	1.67	ppb
Selenium	78-2	200.24	200.78	202.89	201.30	0.70	ppb
Selenium	82-1	203.16	201.15	202.77	202.36	0.53	ppb
Silicon	28-1	460.83	463.99	457.46	460.76	0.71	ppb
Silver	109-1	98.42	98.31	96.28	97.67	1.24	ppb
Silver	107-1	99.30	98.54	97.63	98.49	0.85	ppb
Sodium	23-2	2105.34	2092.78	2081.93	2093.35	0.56	ppb
Strontium	86-1	477.49	479.86	477.26	478.21	0.30	ppb
Strontium	88-1	480.49	478.79	479.11	479.46	0.19	ppb
Sulfur	34-1	-1568.33	-1537.34	-1631.40	-1579.03		ppb
Terbium	159-2						%
Terbium	159-1						%
Thallium	203-1	197.63	193.22	193.30	194.71	1.29	ppb
Thallium	205-1	200.99	197.43	196.74	198.38	1.15	ppb
Tin	118-1	484.21	487.29	477.20	482.90	1.07	ppb
Titanium	47-1	474.30	479.40	474.22	475.98	0.62	ppb
Uranium	238-1	462.18	458.70	456.52	459.13	0.62	ppb
Vanadium	51-2	97.98	97.60	98.00	97.86	0.23	ppb
Yttrium	89-2						%
Yttrium	89-1						%
Zinc	66-2	208.76	210.34	208.14	209.08	0.54	ppb
Zirconium	90-1	490.02	482.54	489.02	487.19	0.83	ppb

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 16:40:06	DataFile Name :	011ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	480.02	480.24	484.23	481.49	0.49	ppb

LB Number : LB86522 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2017-03-22 16:43:37 DataFile Name : 012CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.03	1.77	0.38	1.06	65.47	ppb
Antimony	121-1	1.47	1.65	1.84	1.66	11.23	ppb
Arsenic	75-2	0.58	0.59	0.64	0.60	5.59	ppb
Barium	135-1	0.02	0.01	0.03	0.02	52.89	ppb
Barium	137-1	0.01	0.03	0.04	0.03	42.86	ppb
Beryllium	9-1	0.05	0.05	0.02	0.04	35.37	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	12.98	11.71	12.19	12.29	5.23	ppb
Boron	11-1	12.67	11.81	10.94	11.81	7.30	ppb
Cadmium	106-1	-0.62	0.45	-0.57	-0.25		ppb
Cadmium	108-1	-0.04	-0.02	-0.04	-0.03		ppb
Cadmium	111-1	-0.03	0.05	-0.03	0.00		ppb
Calcium	43-1	2.24	10.81	4.91	5.99	73.25	ppb
Calcium	44-1	4.17	6.10	5.33	5.20	18.62	ppb
Chromium	52-2	0.02	0.02	0.02	0.02	5.26	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.02	0.04	0.01	0.02	58.88	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						%
Holmium	165-2						%
Indium	115-2						%
Indium	115-1						%
Iron	56-2	2.83	2.98	2.76	2.85	3.93	ppb
Iron	57-2	2.72	8.01	2.14	4.29	75.40	ppb
Lead	206-1	0.22	0.20	0.22	0.21	3.86	ppb
Lead	207-1	0.21	0.16	0.20	0.19	14.74	ppb
Lead	208-1	0.21	0.19	0.20	0.20	5.81	ppb
Lithium	6-1						%
Magnesium	24-2	2.40	3.78	2.87	3.02	23.30	ppb
Manganese	55-2	0.02	0.06	0.04	0.04	49.08	ppb

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 16:43:37	DataFile Name :	012CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.30	0.42	0.48	0.40	22.82	ppb
Molybdenum	95-1	0.91	1.22	1.55	1.23	26.17	ppb
Molybdenum	96-1	0.73	1.04	1.33	1.03	29.04	ppb
Molybdenum	97-1	0.97	1.19	1.48	1.21	20.93	ppb
Molybdenum	98-1	0.88	1.19	1.47	1.18	24.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.02	0.00	-0.01		ppb
Phosphorus	31-2	-1.21	3.59	-14.00	-3.88		ppb
Potassium	39-2	4.78	0.65	5.79	3.74	72.84	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	82-1	0.08	0.63	-0.72	-0.01		ppb
Selenium	77-2	0.31	1.23	0.61	0.72	65.41	ppb
Selenium	78-2	-0.83	1.19	1.75	0.71	192.31	ppb
Silicon	28-1	-18.88	-17.67	-18.23	-18.26		ppb
Silver	109-1	0.02	0.03	0.02	0.02	16.28	ppb
Silver	107-1	0.02	0.03	0.02	0.02	21.63	ppb
Sodium	23-2	62.45	62.77	56.84	60.69	5.49	ppb
Strontium	86-1	-0.02	-0.06	-0.02	-0.03		ppb
Strontium	88-1	0.03	0.03	0.03	0.03	7.46	ppb
Sulfur	34-1	-1610.89	-1565.13	-1682.34	-1619.45		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.17	0.17	0.15	0.16	6.04	ppb
Thallium	205-1	0.15	0.16	0.14	0.15	6.42	ppb
Tin	118-1	0.38	0.38	0.50	0.42	17.03	ppb
Titanium	47-1	0.08	0.05	0.04	0.06	33.94	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	17.16	ppb
Vanadium	51-2	0.00	0.01	0.01	0.01	39.46	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.35	0.29	0.40	0.34	16.02	ppb
Zirconium	90-1	0.05	0.06	0.07	0.06	19.73	ppb

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 16:43:37	DataFile Name :	012CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.06	0.06	0.05	41.21	ppb

LB Number : LB86522 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2017-03-22 16:47:10 DataFile Name : 013ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89654.31	88972.83	88569.13	89065.42	0.62	ppb
Antimony	121-1	1.77	1.87	1.94	1.86	4.60	ppb
Arsenic	75-2	0.53	0.52	0.53	0.53	0.65	ppb
Barium	135-1	1.65	1.53	1.39	1.52	8.48	ppb
Barium	137-1	1.53	1.51	1.55	1.53	1.23	ppb
Beryllium	9-1	0.34	0.29	0.27	0.30	12.03	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	8.36	7.32	7.49	7.72	7.26	ppb
Boron	11-1	7.63	7.37	6.96	7.32	4.62	ppb
Cadmium	111-1	0.50	0.47	0.39	0.45	12.14	ppb
Cadmium	106-1	0.53	0.30	-0.26	0.19	214.30	ppb
Cadmium	108-1	11.44	10.91	10.61	10.99	3.82	ppb
Calcium	43-1	94197.60	94431.53	93487.15	94038.76	0.52	ppb
Calcium	44-1	95667.92	95395.15	95330.52	95464.53	0.19	ppb
Chromium	52-2	19.25	19.47	19.32	19.35	0.59	ppb
Cobalt	59-2	1.15	1.16	1.14	1.15	0.99	ppb
Copper	63-2	7.65	7.82	7.50	7.66	2.04	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	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	93792.13	93722.40	92672.47	93395.66	0.67	ppb
Iron	57-2	94105.81	93930.54	92910.50	93648.95	0.69	ppb
Lead	206-1	5.03	4.79	4.92	4.91	2.41	ppb
Lead	207-1	4.24	4.13	4.18	4.18	1.22	ppb
Lead	208-1	4.56	4.41	4.53	4.50	1.73	ppb
Lithium	6-1						%
Magnesium	24-2	94341.56	92954.44	92741.00	93345.66	0.93	ppb
Manganese	55-2	8.28	8.35	8.45	8.36	1.03	ppb

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 16:47:10	DataFile Name :	013ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	588.70	589.47	584.46	587.54	0.46	ppb
Molybdenum	95-1	1943.63	1961.18	1957.86	1954.22	0.48	ppb
Molybdenum	96-1	1588.98	1602.17	1592.74	1594.63	0.43	ppb
Molybdenum	97-1	2006.50	1999.09	1997.76	2001.12	0.24	ppb
Molybdenum	98-1	1940.18	1958.09	1956.30	1951.52	0.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.28	5.34	5.45	5.36	1.62	ppb
Phosphorus	31-2	96161.96	95767.78	95165.51	95698.42	0.52	ppb
Potassium	39-2	95977.51	94767.10	94401.46	95048.69	0.87	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-2						%
Scandium	45-1						%
Selenium	82-1	0.68	0.28	1.75	0.90	84.20	ppb
Selenium	77-2	0.31	0.31	0.00	0.21	86.60	ppb
Selenium	78-2	0.94	0.63	0.95	0.84	21.58	ppb
Silicon	28-1	12.35	10.66	10.63	11.21	8.79	ppb
Silver	109-1	0.13	0.14	0.14	0.14	6.84	ppb
Silver	107-1	0.10	0.15	0.13	0.13	17.74	ppb
Sodium	23-2	95589.53	96090.82	94473.86	95384.73	0.87	ppb
Strontium	88-1	32.11	32.16	32.31	32.19	0.32	ppb
Strontium	86-1	31.63	32.46	32.37	32.15	1.42	ppb
Sulfur	34-1	77468.01	76258.45	75856.67	76527.71	1.10	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.21	0.21	0.23	0.22	5.32	ppb
Thallium	205-1	0.21	0.22	0.22	0.22	1.45	ppb
Tin	118-1	0.26	0.30	0.34	0.30	12.71	ppb
Titanium	47-1	1925.10	1931.38	1913.01	1923.16	0.49	ppb
Uranium	238-1	0.04	0.03	0.03	0.03	13.52	ppb
Vanadium	51-2	0.20	0.15	0.17	0.17	14.05	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	12.79	13.05	12.48	12.77	2.24	ppb
Zirconium	90-1	0.17	0.17	0.18	0.17	1.27	ppb

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 16:47:10	DataFile Name :	013ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.19	0.19	0.20	0.19	4.97	ppb

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 16:50:40	DataFile Name :	014ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89224.16	88419.08	88934.52	88859.25	0.46	ppb
Antimony	121-1	21.99	21.87	21.59	21.82	0.92	ppb
Arsenic	75-2	20.35	20.21	19.89	20.15	1.17	ppb
Barium	135-1	21.57	21.03	21.00	21.20	1.51	ppb
Barium	137-1	21.96	21.62	20.94	21.50	2.42	ppb
Beryllium	9-1	20.14	18.81	19.91	19.62	3.63	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	53.82	54.05	53.45	53.77	0.56	ppb
Boron	11-1	54.52	55.28	54.75	54.85	0.71	ppb
Cadmium	106-1	25.95	24.09	24.08	24.71	4.36	ppb
Cadmium	108-1	34.04	32.71	33.26	33.34	2.00	ppb
Cadmium	111-1	20.61	20.86	20.19	20.55	1.64	ppb
Calcium	43-1	92350.69	92780.39	92519.83	92550.30	0.23	ppb
Calcium	44-1	94128.37	94566.13	94050.17	94248.22	0.30	ppb
Chromium	52-2	38.77	38.66	38.85	38.76	0.25	ppb
Cobalt	59-2	20.99	20.99	20.75	20.91	0.66	ppb
Copper	63-2	27.55	27.37	27.46	27.46	0.33	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						%
Holmium	165-2						%
Indium	115-2						%
Indium	115-1						%
Iron	56-2	93939.63	92590.56	92382.00	92970.73	0.91	ppb
Iron	57-2	93418.02	92721.85	93194.12	93111.33	0.38	ppb
Lead	206-1	25.47	25.16	25.30	25.31	0.62	ppb
Lead	207-1	23.07	23.22	22.82	23.04	0.87	ppb
Lead	208-1	23.99	23.73	23.72	23.81	0.66	ppb
Lithium	6-1						%
Magnesium	24-2	93200.71	92347.73	92979.11	92842.52	0.48	ppb
Manganese	55-2	28.45	28.41	28.25	28.37	0.37	ppb

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 16:50:40	DataFile Name :	014ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	637.84	623.33	628.28	629.82	1.17	ppb
Molybdenum	95-1	1984.77	1978.06	1953.80	1972.21	0.83	ppb
Molybdenum	96-1	1653.53	1658.87	1623.14	1645.18	1.17	ppb
Molybdenum	97-1	2063.32	2034.79	2020.62	2039.58	1.07	ppb
Molybdenum	98-1	1993.25	1998.19	1980.68	1990.71	0.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.30	25.09	25.00	25.13	0.61	ppb
Phosphorus	31-2	95125.51	94432.20	93922.28	94493.33	0.64	ppb
Potassium	39-2	95361.86	94533.33	94800.63	94898.60	0.45	ppb
Rhodium	103-2						%
Rhodium	103-1						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	16.42	21.33	22.03	19.93	15.34	ppb
Selenium	78-2	18.87	20.40	19.99	19.75	4.00	ppb
Selenium	82-1	20.08	21.04	18.79	19.97	5.64	ppb
Silicon	28-1	72.44	72.46	73.96	72.95	1.20	ppb
Silver	109-1	18.84	18.55	18.56	18.65	0.89	ppb
Silver	107-1	19.17	18.75	18.94	18.95	1.12	ppb
Sodium	23-2	94452.93	94568.91	93656.73	94226.19	0.53	ppb
Strontium	86-1	80.07	79.25	78.43	79.25	1.03	ppb
Strontium	88-1	78.81	78.76	78.47	78.68	0.23	ppb
Sulfur	34-1	74948.61	75678.22	75402.55	75343.13	0.49	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	20.12	19.66	19.86	19.88	1.17	ppb
Thallium	205-1	20.08	20.08	20.11	20.09	0.08	ppb
Tin	118-1	47.46	47.65	47.11	47.41	0.57	ppb
Titanium	47-1	1946.69	1962.45	1956.01	1955.05	0.41	ppb
Uranium	238-1	46.78	46.10	46.33	46.40	0.74	ppb
Vanadium	51-2	19.50	19.43	19.89	19.61	1.25	ppb
Yttrium	89-2						%
Yttrium	89-1						%
Zinc	66-2	33.94	33.62	32.99	33.52	1.45	ppb
Zirconium	90-1	47.66	47.62	47.09	47.46	0.67	ppb

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 16:50:40	DataFile Name :	014ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	48.51	47.32	47.26	47.70	1.48	ppb

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P7
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 16:54:09	DataFile Name :	015CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9380.03	9335.28	9301.55	9338.95	0.42	ppb
Antimony	121-1	507.83	477.65	484.90	490.13	3.21	ppb
Arsenic	75-2	498.54	499.11	498.24	498.63	0.09	ppb
Barium	135-1	2540.63	2530.71	2561.34	2544.23	0.61	ppb
Barium	137-1	2539.07	2511.90	2564.61	2538.53	1.04	ppb
Beryllium	9-1	485.38	488.64	489.52	487.85	0.45	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	482.70	492.48	488.45	487.87	1.01	ppb
Boron	11-1	484.38	489.04	491.29	488.24	0.72	ppb
Cadmium	108-1	516.94	512.39	514.31	514.55	0.44	ppb
Cadmium	111-1	516.07	516.62	519.52	517.40	0.36	ppb
Cadmium	106-1	517.86	518.93	516.00	517.60	0.29	ppb
Calcium	43-1	48098.68	47696.59	47668.34	47821.20	0.50	ppb
Calcium	44-1	48549.42	47881.74	48409.05	48280.07	0.73	ppb
Chromium	52-2	502.00	499.88	497.14	499.67	0.49	ppb
Cobalt	59-2	500.71	501.26	496.18	499.38	0.56	ppb
Copper	63-2	997.27	986.83	982.62	988.91	0.76	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						%
Holmium	165-2						%
Indium	115-2						%
Indium	115-1						%
Iron	56-2	23963.16	23832.04	24074.41	23956.54	0.51	ppb
Iron	57-2	23236.28	23106.74	23080.61	23141.21	0.36	ppb
Lead	206-1	489.47	491.08	488.32	489.62	0.28	ppb
Lead	207-1	485.95	486.30	489.22	487.16	0.37	ppb
Lead	208-1	495.25	495.33	491.51	494.03	0.44	ppb
Lithium	6-1						%
Magnesium	24-2	49591.93	49208.19	48665.25	49155.12	0.95	ppb
Manganese	55-2	1003.70	1007.38	1000.10	1003.73	0.36	ppb

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P7
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 16:54:09	DataFile Name :	015CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	496.10	496.35	499.82	497.42	0.42	ppb
Molybdenum	95-1	483.83	483.29	485.66	484.26	0.26	ppb
Molybdenum	96-1	480.46	480.73	484.23	481.81	0.44	ppb
Molybdenum	97-1	492.87	489.60	497.36	493.28	0.79	ppb
Molybdenum	98-1	478.00	470.25	476.26	474.84	0.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	509.91	504.99	500.78	505.23	0.90	ppb
Phosphorus	31-2	9793.34	9613.02	9680.23	9695.53	0.94	ppb
Potassium	39-2	24430.28	24810.75	24583.21	24608.08	0.78	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-2						%
Scandium	45-1						%
Selenium	82-1	496.98	490.89	496.08	494.65	0.66	ppb
Selenium	77-2	486.32	500.03	481.94	489.43	1.93	ppb
Selenium	78-2	499.91	504.21	492.85	498.99	1.15	ppb
Silicon	28-1	481.95	480.39	489.08	483.81	0.96	ppb
Silver	107-1	524.10	517.56	526.07	522.58	0.85	ppb
Silver	109-1	523.29	521.27	528.05	524.20	0.66	ppb
Sodium	23-2	49230.49	48387.10	48317.74	48645.11	1.04	ppb
Strontium	86-1	493.69	490.64	492.73	492.36	0.32	ppb
Strontium	88-1	498.67	494.64	499.12	497.48	0.50	ppb
Sulfur	34-1	8151.05	8179.05	8054.82	8128.30	0.80	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	486.48	487.46	487.63	487.19	0.13	ppb
Thallium	205-1	504.37	502.56	499.44	502.12	0.50	ppb
Tin	118-1	490.05	489.78	500.62	493.48	1.25	ppb
Titanium	47-1	496.65	493.13	492.13	493.97	0.48	ppb
Uranium	238-1	483.25	489.24	484.47	485.65	0.65	ppb
Vanadium	51-2	500.91	498.91	494.60	498.14	0.65	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1010.33	1010.27	1003.27	1007.96	0.40	ppb
Zirconium	90-1	495.04	495.80	496.29	495.71	0.13	ppb

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P7
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 16:54:09	DataFile Name :	015CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	488.68	486.55	491.01	488.75	0.46	ppb

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	CCB22	Instrumnet Name :	P7
Client Sample ID :	CCB22	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 16:57:36	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.26	1.05	0.61	0.97	34.33	ppb
Antimony	121-1	2.06	2.33	2.57	2.32	11.11	ppb
Arsenic	75-2	0.67	0.71	0.73	0.70	3.86	ppb
Barium	135-1	0.18	0.22	0.18	0.19	12.47	ppb
Barium	137-1	0.18	0.19	0.16	0.18	9.36	ppb
Beryllium	9-1	0.07	0.09	0.11	0.09	21.79	ppb
Bismuth	209-2						%
Bismuth	209-1						%
Boron	10-1	11.19	10.38	8.74	10.10	12.35	ppb
Boron	11-1	11.42	10.32	9.10	10.28	11.27	ppb
Cadmium	106-1	-0.20	0.12	1.52	0.48	191.17	ppb
Cadmium	108-1	0.04	0.04	0.04	0.04	2.14	ppb
Cadmium	111-1	0.03	0.04	0.15	0.07	86.63	ppb
Calcium	43-1	10.88	12.30	7.16	10.11	26.23	ppb
Calcium	44-1	10.82	10.80	10.98	10.86	0.90	ppb
Chromium	52-2	0.05	0.05	0.00	0.03	76.81	ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	74.48	ppb
Copper	63-2	0.20	0.18	0.18	0.18	5.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-2						%
Holmium	165-1						%
Indium	115-2						%
Indium	115-1						%
Iron	56-2	3.71	3.46	3.31	3.49	5.78	ppb
Iron	57-2	3.42	4.13	2.73	3.43	20.49	ppb
Lead	206-1	0.11	0.08	0.13	0.11	23.65	ppb
Lead	207-1	0.08	0.11	0.09	0.09	13.07	ppb
Lead	208-1	0.10	0.10	0.10	0.10	4.47	ppb
Lithium	6-1						%
Magnesium	24-2	2.81	2.90	3.15	2.95	5.93	ppb
Manganese	55-2	0.08	0.05	0.04	0.06	42.32	ppb

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	CCB22	Instrumnet Name :	P7
Client Sample ID :	CCB22	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 16:57:36	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.42	0.57	0.66	0.55	22.16	ppb
Molybdenum	95-1	1.26	1.65	2.05	1.65	23.80	ppb
Molybdenum	96-1	1.06	1.44	1.78	1.43	25.12	ppb
Molybdenum	97-1	1.29	1.67	2.15	1.70	25.26	ppb
Molybdenum	98-1	1.28	1.63	2.10	1.67	24.59	ppb
Neodymium	150-2						cps
Neodymium	150-1						cps
Nickel	60-2	0.01	0.00	0.00	0.00	155.88	ppb
Phosphorus	31-2	-3.02	-9.13	-14.43	-8.86		ppb
Potassium	39-2	7.06	3.38	3.35	4.60	46.40	ppb
Rhodium	103-2						%
Rhodium	103-1						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.31	1.24	0.31	0.62	86.71	ppb
Selenium	78-2	1.06	1.37	1.04	1.16	15.80	ppb
Selenium	82-1	0.48	1.63	1.75	1.28	54.37	ppb
Silicon	28-1	-19.18	-19.60	-18.48	-19.09		ppb
Silver	107-1	0.07	0.09	0.07	0.08	14.37	ppb
Silver	109-1	0.09	0.07	0.07	0.07	13.33	ppb
Sodium	23-2	43.31	39.53	37.50	40.11	7.35	ppb
Strontium	86-1	0.06	0.03	-0.02	0.02	161.00	ppb
Strontium	88-1	0.05	0.04	0.03	0.04	15.72	ppb
Sulfur	34-1	-2746.12	-2705.89	-2584.87	-2678.96		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.17	0.15	0.16	0.16	5.56	ppb
Thallium	205-1	0.19	0.16	0.15	0.17	12.51	ppb
Tin	118-1	0.35	0.42	0.51	0.43	17.79	ppb
Titanium	47-1	0.06	0.08	0.14	0.10	40.95	ppb
Uranium	238-1	0.03	0.02	0.02	0.03	10.92	ppb
Vanadium	51-2	0.02	0.01	0.02	0.02	31.49	ppb
Yttrium	89-2						%
Yttrium	89-1						%
Zinc	66-2	0.25	0.19	0.14	0.19	28.92	ppb
Zirconium	90-1	0.05	0.06	0.08	0.06	23.41	ppb

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	CCB22	Instrumnet Name :	P7
Client Sample ID :	CCB22	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 16:57:36	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.07	0.08	0.06	46.89	ppb

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 17:01:08	DataFile Name :	017SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.84	19.20	18.54	19.19	3.39	ppb
Antimony	121-1	2.44	2.52	2.56	2.51	2.59	ppb
Arsenic	75-2	1.13	1.19	1.20	1.17	3.10	ppb
Barium	135-1	9.39	9.37	8.60	9.12	4.93	ppb
Barium	137-1	9.43	9.59	9.35	9.46	1.30	ppb
Beryllium	9-1	1.06	0.97	0.91	0.98	7.42	ppb
Bismuth	209-2						%
Bismuth	209-1						%
Boron	10-1	9.38	9.87	9.86	9.70	2.86	ppb
Boron	11-1	9.52	9.82	9.82	9.72	1.78	ppb
Cadmium	106-1	0.29	0.91	1.17	0.79	56.92	ppb
Cadmium	108-1	1.10	0.85	0.99	0.98	12.46	ppb
Cadmium	111-1	0.97	1.04	1.01	1.01	3.55	ppb
Calcium	43-1	458.48	466.36	456.28	460.37	1.15	ppb
Calcium	44-1	456.48	462.45	461.94	460.29	0.72	ppb
Chromium	52-2	2.04	2.05	2.05	2.05	0.15	ppb
Cobalt	59-2	1.00	0.97	0.96	0.98	2.15	ppb
Copper	63-2	2.03	2.12	2.21	2.12	4.04	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-2						%
Indium	115-1						%
Iron	56-2	47.28	47.96	47.79	47.68	0.75	ppb
Iron	57-2	48.03	46.18	47.66	47.29	2.07	ppb
Lead	206-1	1.00	1.02	1.00	1.01	1.36	ppb
Lead	207-1	0.96	0.98	0.99	0.97	1.54	ppb
Lead	208-1	0.98	0.98	0.98	0.98	0.06	ppb
Lithium	6-1						%
Magnesium	24-2	471.04	484.57	472.31	475.97	1.57	ppb
Manganese	55-2	1.00	0.97	1.01	0.99	1.94	ppb

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 17:01:08	DataFile Name :	017SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	5.24	5.20	5.23	5.22	0.38	ppb
Molybdenum	98-1	4.93	5.00	5.18	5.04	2.56	ppb
Molybdenum	94-1	2.02	2.10	2.17	2.10	3.68	ppb
Molybdenum	95-1	4.93	5.18	5.18	5.10	2.81	ppb
Molybdenum	96-1	4.09	4.35	4.72	4.39	7.12	ppb
Neodymium	150-2						cps
Neodymium	150-1						cps
Nickel	60-2	1.01	0.97	0.98	0.99	2.37	ppb
Phosphorus	31-2	19.15	16.34	5.83	13.78	50.95	ppb
Potassium	39-2	458.60	465.93	446.93	457.15	2.10	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	82-1	5.48	6.22	5.33	5.67	8.44	ppb
Selenium	77-2	5.59	5.26	5.31	5.38	3.32	ppb
Selenium	78-2	7.19	5.66	4.47	5.77	23.67	ppb
Silicon	28-1	-13.75	-13.99	-14.17	-13.97		ppb
Silver	107-1	1.79	1.79	1.74	1.77	1.48	ppb
Silver	109-1	1.75	1.72	1.72	1.73	0.91	ppb
Sodium	23-2	495.90	500.34	499.70	498.65	0.48	ppb
Strontium	86-1	0.86	0.87	0.90	0.87	2.33	ppb
Strontium	88-1	0.93	0.95	0.93	0.94	1.20	ppb
Sulfur	34-1	-2565.02	-2493.48	-2560.71	-2539.74		ppb
Terbium	159-2						%
Terbium	159-1						%
Thallium	203-1	1.01	1.01	0.98	1.00	1.70	ppb
Thallium	205-1	1.01	0.99	1.03	1.01	2.16	ppb
Tin	118-1	4.74	4.81	4.83	4.79	0.98	ppb
Titanium	47-1	4.79	5.04	4.85	4.89	2.66	ppb
Uranium	238-1	0.89	0.91	0.92	0.91	1.77	ppb
Vanadium	51-2	4.80	4.85	4.66	4.77	2.00	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.93	1.96	2.11	2.00	4.92	ppb
Zirconium	90-1	0.87	0.84	0.84	0.85	2.21	ppb

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 17:01:08	DataFile Name :	017SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.88	0.86	0.82	0.85	3.42	ppb

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	PB 5PPM	Instrumnet Name :	P7
Client Sample ID :	PB 5PPM	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 17:04:40	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.48	0.12	1.05	0.55	85.99	ppb
Antimony	121-1	0.21	0.32	0.27	0.27	21.48	ppb
Arsenic	75-2	0.14	0.16	0.24	0.18	29.25	ppb
Barium	135-1	0.09	0.07	0.12	0.09	31.46	ppb
Barium	137-1	0.09	0.08	0.09	0.09	8.30	ppb
Beryllium	9-1	0.04	0.05	0.01	0.03	62.53	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.80	2.66	3.57	3.34	18.10	ppb
Boron	11-1	3.88	4.09	3.74	3.90	4.53	ppb
Cadmium	106-1	-1.01	-0.51	0.46	-0.35		ppb
Cadmium	108-1	0.03	-0.02	-0.04	-0.01		ppb
Cadmium	111-1	-0.07	-0.02	0.05	-0.01		ppb
Calcium	43-1	8.93	7.67	5.51	7.37	23.47	ppb
Calcium	44-1	4.98	3.95	4.56	4.50	11.42	ppb
Chromium	52-2	0.10	0.10	0.15	0.12	28.49	ppb
Cobalt	59-2	0.07	0.06	0.06	0.06	5.78	ppb
Copper	63-2	0.31	0.31	0.30	0.31	2.44	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-2						%
Indium	115-1						%
Iron	56-2	1.68	1.59	1.69	1.65	3.48	ppb
Iron	57-2	1.40	1.39	1.40	1.39	0.48	ppb
Lead	206-1	5095.28	5119.93	5137.45	5117.55	0.41	ppb
Lead	207-1	5090.95	5024.31	5098.36	5071.21	0.80	ppb
Lead	208-1	5085.72	5093.80	5120.34	5099.96	0.36	ppb
Lithium	6-1						%
Magnesium	24-2	1.64	1.28	1.89	1.60	19.00	ppb
Manganese	55-2	0.12	0.12	0.12	0.12	1.40	ppb

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	PB 5PPM	Instrumnet Name :	P7
Client Sample ID :	PB 5PPM	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 17:04:40	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.13	0.15	0.24	0.17	33.78	ppb
Molybdenum	95-1	0.39	0.50	0.58	0.49	19.99	ppb
Molybdenum	96-1	0.32	0.37	0.49	0.39	21.70	ppb
Molybdenum	97-1	0.39	0.50	0.62	0.50	23.24	ppb
Molybdenum	98-1	0.38	0.47	0.61	0.49	23.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.03	0.06	0.04	48.37	ppb
Phosphorus	31-2	-3.17	-10.64	4.11	-3.23		ppb
Potassium	39-2	1.62	-0.67	4.72	1.89	143.06	ppb
Rhodium	103-2						%
Rhodium	103-1						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.31	0.00	0.10	173.21	ppb
Selenium	78-2	-0.30	1.04	1.16	0.63	128.79	ppb
Selenium	82-1	-0.73	-0.41	0.20	-0.32		ppb
Silicon	28-1	-19.58	-19.58	-18.85	-19.34		ppb
Silver	109-1	0.04	0.04	0.03	0.04	2.99	ppb
Silver	107-1	0.04	0.04	0.03	0.03	20.58	ppb
Sodium	23-2	21.75	20.83	23.96	22.18	7.24	ppb
Strontium	86-1	0.02	-0.05	-0.07	-0.03		ppb
Strontium	88-1	0.07	0.06	0.06	0.06	4.23	ppb
Sulfur	34-1	-2305.49	-2260.50	-2252.12	-2272.70		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.08	0.07	0.09	0.08	15.97	ppb
Thallium	205-1	0.07	0.08	0.09	0.08	10.28	ppb
Tin	118-1	0.10	0.12	0.14	0.12	14.76	ppb
Titanium	47-1	0.05	0.10	0.03	0.06	55.39	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.01	0.02	0.01	36.42	ppb
Yttrium	89-2						%
Yttrium	89-1						%
Zinc	66-2	0.20	0.22	0.29	0.24	20.58	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	18.60	ppb

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	PB 5PPM	Instrumnet Name :	P7
Client Sample ID :	PB 5PPM	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 17:04:40	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.04	0.01	0.02	84.73	ppb

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	PB 10PPM	Instrumnet Name :	P7
Client Sample ID :	PB 10PPM	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 17:08:11	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.50	1.28	0.78	1.19	31.19	ppb
Antimony	121-1	0.11	0.12	0.15	0.13	19.19	ppb
Arsenic	75-2	0.11	0.14	0.15	0.13	13.78	ppb
Barium	135-1	0.03	0.05	0.03	0.04	32.77	ppb
Barium	137-1	0.03	0.05	0.03	0.04	25.75	ppb
Beryllium	9-1	0.05	0.04	0.01	0.03	73.54	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	2.69	2.97	3.51	3.06	13.68	ppb
Boron	11-1	2.57	2.95	3.12	2.88	9.67	ppb
Cadmium	106-1	-0.73	-0.39	-1.25	-0.79		ppb
Cadmium	108-1	-0.04	0.09	-0.08	-0.01		ppb
Cadmium	111-1	-0.03	-0.03	-0.08	-0.05		ppb
Calcium	43-1	5.21	4.44	7.35	5.67	26.60	ppb
Calcium	44-1	2.19	3.89	4.17	3.42	31.29	ppb
Chromium	52-2	0.32	0.31	0.27	0.30	10.49	ppb
Cobalt	59-2	0.18	0.18	0.20	0.18	6.93	ppb
Copper	63-2	0.59	0.56	0.54	0.56	4.48	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						%
Holmium	165-1						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2.64	2.52	2.84	2.67	6.01	ppb
Iron	57-2	2.22	3.23	1.80	2.41	30.37	ppb
Lead	206-1	10209.94	10249.23	10319.44	10259.54	0.54	ppb
Lead	207-1	10250.24	10201.95	10053.94	10168.71	1.01	ppb
Lead	208-1	10236.41	10161.60	10206.33	10201.45	0.37	ppb
Lithium	6-1						%
Magnesium	24-2	2.66	2.59	2.44	2.56	4.44	ppb
Manganese	55-2	0.24	0.23	0.25	0.24	3.39	ppb

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	PB 10PPM	Instrumnet Name :	P7
Client Sample ID :	PB 10PPM	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 17:08:11	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.14	0.16	0.19	0.16	15.41	ppb
Molybdenum	95-1	0.44	0.47	0.53	0.48	9.44	ppb
Molybdenum	96-1	0.38	0.40	0.51	0.43	16.10	ppb
Molybdenum	97-1	0.46	0.52	0.72	0.57	24.29	ppb
Molybdenum	98-1	0.48	0.51	0.55	0.51	6.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.18	0.16	0.14	0.16	9.81	ppb
Phosphorus	31-2	2.55	-4.97	-3.59	-2.00		ppb
Potassium	39-2	0.25	2.72	-2.21	0.25	975.93	ppb
Rhodium	103-2						%
Rhodium	103-1						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.63	0.31	0.00	0.32	100.23	ppb
Selenium	78-2	0.15	0.12	-0.11	0.05	284.84	ppb
Selenium	82-1	0.28	0.73	0.73	0.58	44.52	ppb
Silicon	28-1	-21.30	-18.24	-18.00	-19.18		ppb
Silver	109-1	0.04	0.04	0.03	0.04	10.19	ppb
Silver	107-1	0.04	0.04	0.03	0.04	13.42	ppb
Sodium	23-2	18.82	18.59	21.29	19.57	7.66	ppb
Strontium	86-1	0.02	0.00	0.06	0.03	120.28	ppb
Strontium	88-1	0.11	0.13	0.11	0.12	8.93	ppb
Sulfur	34-1	-2331.62	-2170.82	-2045.54	-2182.66		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.09	0.11	0.11	0.10	11.66	ppb
Thallium	205-1	0.12	0.11	0.11	0.11	4.28	ppb
Tin	118-1	0.09	0.11	0.11	0.10	14.31	ppb
Titanium	47-1	0.10	0.06	0.12	0.09	32.38	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	4.30	ppb
Vanadium	51-2	0.03	0.02	0.02	0.02	13.64	ppb
Yttrium	89-2						%
Yttrium	89-1						%
Zinc	66-2	0.55	0.53	0.61	0.57	7.72	ppb
Zirconium	90-1	0.01	0.02	0.01	0.01	33.74	ppb

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	PB 10PPM	Instrumnet Name :	P7
Client Sample ID :	PB 10PPM	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 17:08:11	DataFile Name :	019SMPL.d

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

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	PB 20PPM	Instrumnet Name :	P7
Client Sample ID :	PB 20PPM	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 17:11:44	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.36	2.23	1.91	2.16	10.68	ppb
Antimony	121-1	0.05	0.08	0.12	0.08	41.68	ppb
Arsenic	75-2	0.14	0.15	0.19	0.16	16.21	ppb
Barium	135-1	0.08	0.07	0.10	0.08	13.79	ppb
Barium	137-1	0.09	0.11	0.08	0.09	12.49	ppb
Beryllium	9-1	0.03	0.05	0.02	0.03	34.89	ppb
Bismuth	209-2						%
Bismuth	209-1						%
Boron	10-1	2.16	2.63	2.94	2.58	15.31	ppb
Boron	11-1	2.54	2.30	2.31	2.38	5.64	ppb
Cadmium	106-1	-0.59	-0.49	0.39	-0.23		ppb
Cadmium	108-1	-0.02	0.05	0.00	0.01	433.79	ppb
Cadmium	111-1	-0.01	-0.01	0.07	0.01	342.28	ppb
Calcium	44-1	9.63	9.35	8.69	9.22	5.21	ppb
Calcium	43-1	12.36	8.39	6.59	9.11	32.40	ppb
Chromium	52-2	0.45	0.43	0.43	0.44	3.18	ppb
Cobalt	59-2	0.26	0.25	0.26	0.26	2.75	ppb
Copper	63-2	0.95	0.96	1.01	0.97	2.90	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						%
Holmium	165-1						%
Indium	115-2						%
Indium	115-1						%
Iron	56-2	3.43	3.17	3.41	3.34	4.43	ppb
Iron	57-2	2.90	2.88	3.81	3.20	16.53	ppb
Lead	206-1	20745.74	20017.70	20481.10	20414.85	1.81	ppb
Lead	207-1	20586.96	20413.53	20236.71	20412.40	0.86	ppb
Lead	208-1	20683.56	20181.48	20425.90	20430.31	1.23	ppb
Lithium	6-1						%
Magnesium	24-2	4.23	4.07	3.76	4.02	5.91	ppb
Manganese	55-2	0.53	0.44	0.50	0.49	9.49	ppb

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	PB 20PPM	Instrumnet Name :	P7
Client Sample ID :	PB 20PPM	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 17:11:44	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.19	0.22	0.24	0.22	11.27	ppb
Molybdenum	95-1	0.64	0.67	0.74	0.68	7.81	ppb
Molybdenum	96-1	0.47	0.57	0.56	0.53	10.07	ppb
Molybdenum	97-1	0.68	0.76	0.68	0.71	6.96	ppb
Molybdenum	98-1	0.62	0.63	0.67	0.64	4.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.23	0.24	0.24	0.24	1.84	ppb
Phosphorus	31-2	8.81	-9.69	-7.62	-2.83		ppb
Potassium	39-2	-2.06	-7.38	-1.27	-3.57		ppb
Rhodium	103-2						%
Rhodium	103-1						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.32	0.64	0.00	0.32	100.20	ppb
Selenium	78-2	1.07	0.30	-0.14	0.41	149.19	ppb
Selenium	82-1	0.07	0.24	0.03	0.11	100.90	ppb
Silicon	28-1	-20.77	-22.25	-20.28	-21.10		ppb
Silver	107-1	0.05	0.05	0.06	0.05	8.06	ppb
Silver	109-1	0.06	0.06	0.06	0.06	3.53	ppb
Sodium	23-2	18.01	18.50	17.33	17.95	3.27	ppb
Strontium	86-1	0.23	0.14	0.10	0.16	43.48	ppb
Strontium	88-1	0.23	0.23	0.23	0.23	0.19	ppb
Sulfur	34-1	-1935.16	-1878.34	-1754.49	-1856.00		ppb
Terbium	159-2						%
Terbium	159-1						%
Thallium	203-1	0.17	0.15	0.17	0.16	5.08	ppb
Thallium	205-1	0.18	0.18	0.17	0.18	3.80	ppb
Tin	118-1	0.08	0.08	0.10	0.08	11.73	ppb
Titanium	47-1	0.07	0.13	0.14	0.11	30.14	ppb
Uranium	238-1	0.00	0.01	0.00	0.00	111.71	ppb
Vanadium	51-2	0.06	0.04	0.04	0.05	20.93	ppb
Yttrium	89-2						%
Yttrium	89-1						%
Zinc	66-2	0.99	0.88	0.70	0.86	16.86	ppb
Zirconium	90-1	0.01	0.02	0.02	0.01	45.85	ppb

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	PB 20PPM	Instrumnet Name :	P7
Client Sample ID :	PB 20PPM	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 17:11:44	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.01	0.02	0.01	115.04	ppb

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	AS 3PPM	Instrumnet Name :	P7
Client Sample ID :	AS 3PPM	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 17:15:18	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.15	1.02	0.21	0.46	105.69	ppb
Antimony	121-1	0.00	0.04	0.06	0.03	88.89	ppb
Arsenic	75-2	2906.81	2902.67	2889.83	2899.77	0.31	ppb
Barium	135-1	0.00	-0.01	0.00	0.00		ppb
Barium	137-1	-0.01	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	0.03	0.00	0.01	0.01	127.65	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	2.56	2.07	2.45	2.36	10.78	ppb
Boron	11-1	2.12	1.86	1.70	1.90	11.24	ppb
Cadmium	106-1	0.13	0.13	-1.37	-0.37		ppb
Cadmium	108-1	0.01	-0.08	-0.08	-0.05		ppb
Cadmium	111-1	0.01	0.01	-0.10	-0.03		ppb
Calcium	43-1	-1.63	1.40	-1.38	-0.54		ppb
Calcium	44-1	-2.34	-2.47	-3.77	-2.86		ppb
Chromium	52-2	0.01	0.02	0.03	0.02	41.72	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.05	0.04	0.04	0.04	14.45	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	165-1						%
Holmium	165-2						%
Indium	115-2						%
Indium	115-1						%
Iron	56-2	0.49	0.49	0.52	0.50	3.87	ppb
Iron	57-2	1.39	0.63	0.08	0.70	93.69	ppb
Lead	206-1	2.59	2.28	2.13	2.34	10.12	ppb
Lead	207-1	2.50	2.24	2.08	2.27	9.24	ppb
Lead	208-1	2.50	2.23	2.08	2.27	9.31	ppb
Lithium	6-1						%
Magnesium	24-2	0.39	0.48	0.51	0.46	13.36	ppb
Manganese	55-2	-0.01	-0.01	0.02	0.00		ppb

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	AS 3PPM	Instrumnet Name :	P7
Client Sample ID :	AS 3PPM	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 17:15:18	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.04	0.06	0.04	27.04	ppb
Molybdenum	95-1	0.07	0.11	0.15	0.11	37.61	ppb
Molybdenum	96-1	0.04	0.11	0.12	0.09	47.58	ppb
Molybdenum	97-1	0.09	0.16	0.17	0.14	29.09	ppb
Molybdenum	98-1	0.10	0.12	0.16	0.13	25.05	ppb
Neodymium	150-2						cps
Neodymium	150-1						cps
Nickel	60-2	0.00	-0.01	0.00	-0.01		ppb
Phosphorus	31-2	-7.23	-1.56	-15.21	-8.00		ppb
Potassium	39-2	-3.21	-2.91	-4.99	-3.70		ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	82-1	0.80	0.76	0.83	0.80	4.38	ppb
Selenium	77-2	0.00	0.32	0.32	0.21	86.61	ppb
Selenium	78-2	0.47	0.76	-0.16	0.36	130.94	ppb
Silicon	28-1	-20.55	-20.87	-22.69	-21.37		ppb
Silver	109-1	0.01	0.01	0.02	0.02	9.26	ppb
Silver	107-1	0.02	0.01	0.01	0.01	61.48	ppb
Sodium	23-2	15.51	15.19	14.07	14.93	5.06	ppb
Strontium	86-1	-0.10	-0.06	-0.08	-0.08		ppb
Strontium	88-1	0.00	0.00	0.01	0.00	168.71	ppb
Sulfur	34-1	-1789.27	-1696.51	-1729.93	-1738.57		ppb
Terbium	159-2						%
Terbium	159-1						%
Thallium	203-1	0.03	0.02	0.02	0.02	26.58	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	4.76	ppb
Tin	118-1	0.00	0.01	0.04	0.02	140.70	ppb
Titanium	47-1	0.04	-0.01	0.00	0.01	243.10	ppb
Uranium	238-1	-0.01	-0.01	0.00	-0.01		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	346.38	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.13	-0.10	-0.10	-0.11		ppb
Zirconium	90-1	-0.01	0.00	0.00	0.00		ppb

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	AS 3PPM	Instrumnet Name :	P7
Client Sample ID :	AS 3PPM	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 17:15:18	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.84	0.73	0.85	0.81	8.23	ppb

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	AS 5PPM	Instrumnet Name :	P7
Client Sample ID :	AS 5PPM	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 17:18:51	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.01	-0.08	0.50	0.14	234.76	ppb
Antimony	121-1	0.00	-0.01	0.02	0.00	849.16	ppb
Arsenic	75-2	4820.29	4848.68	4826.31	4831.76	0.31	ppb
Barium	135-1	-0.02	0.00	-0.01	-0.01		ppb
Barium	137-1	-0.01	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	0.03	0.03	0.02	0.03	13.26	ppb
Bismuth	209-2						%
Bismuth	209-1						%
Boron	10-1	1.33	1.76	1.94	1.67	18.90	ppb
Boron	11-1	1.36	1.49	1.65	1.50	9.88	ppb
Cadmium	106-1	-0.54	-0.71	-1.24	-0.83		ppb
Cadmium	108-1	-0.04	0.00	-0.02	-0.02		ppb
Cadmium	111-1	-0.04	-0.06	-0.09	-0.06		ppb
Calcium	43-1	0.18	-1.61	-5.18	-2.20		ppb
Calcium	44-1	-2.85	-2.97	-4.10	-3.30		ppb
Chromium	52-2	0.01	0.04	0.05	0.03	66.42	ppb
Cobalt	59-2	0.00	-0.01	0.00	-0.01		ppb
Copper	63-2	0.04	0.05	0.04	0.04	8.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.55	0.62	0.66	0.61	8.93	ppb
Iron	57-2	0.38	0.19	0.50	0.36	42.77	ppb
Lead	206-1	1.15	1.16	1.11	1.14	2.67	ppb
Lead	207-1	1.18	1.14	1.12	1.15	2.71	ppb
Lead	208-1	1.15	1.14	1.10	1.13	2.11	ppb
Lithium	6-1						%
Magnesium	24-2	0.34	0.15	0.40	0.30	45.14	ppb
Manganese	55-2	0.01	0.03	0.01	0.02	60.32	ppb

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	AS 5PPM	Instrumnet Name :	P7
Client Sample ID :	AS 5PPM	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 17:18:51	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.02	0.03	0.02	36.00	ppb
Molybdenum	95-1	0.04	0.10	0.12	0.09	43.54	ppb
Molybdenum	96-1	0.05	0.08	0.08	0.07	29.27	ppb
Molybdenum	97-1	0.10	0.10	0.12	0.10	11.43	ppb
Molybdenum	98-1	0.05	0.09	0.15	0.09	55.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.00	0.00	-0.01		ppb
Phosphorus	31-2	-2.92	-5.60	-1.89	-3.47		ppb
Potassium	39-2	-0.77	-4.49	-4.61	-3.29		ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.32	0.95	0.42	114.35	ppb
Selenium	78-2	0.14	-0.42	0.28	0.00	1614761.02	ppb
Selenium	82-1	-0.09	0.85	0.31	0.36	132.74	ppb
Silicon	28-1	-19.50	-20.08	-21.27	-20.28		ppb
Silver	107-1	0.01	0.01	0.01	0.01	22.93	ppb
Silver	109-1	0.01	0.02	0.01	0.01	20.63	ppb
Sodium	23-2	12.93	13.61	15.24	13.92	8.51	ppb
Strontium	86-1	-0.01	-0.07	-0.05	-0.04		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	20.10	ppb
Sulfur	34-1	-1826.59	-1893.44	-1966.32	-1895.45		ppb
Terbium	159-2						%
Terbium	159-1						%
Thallium	203-1	0.02	0.03	0.01	0.02	42.05	ppb
Thallium	205-1	0.02	0.02	0.01	0.02	32.53	ppb
Tin	118-1	0.04	0.03	0.03	0.03	21.70	ppb
Titanium	47-1	0.01	0.01	0.05	0.02	92.33	ppb
Uranium	238-1	-0.01	-0.01	0.00	-0.01		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	125.90	ppb
Yttrium	89-2						%
Yttrium	89-1						%
Zinc	66-2	-0.13	-0.11	-0.06	-0.10		ppb
Zirconium	90-1	-0.01	-0.01	0.00	-0.01		ppb

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	AS 5PPM	Instrumnet Name :	P7
Client Sample ID :	AS 5PPM	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 17:18:51	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.34	1.30	1.36	1.34	2.33	ppb

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	AS 10PPM	Instrumnet Name :	P7
Client Sample ID :	AS 10PPM	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 17:22:24	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.13	0.55	0.19	0.29	78.40	ppb
Antimony	121-1	0.01	0.00	0.00	0.00	138.51	ppb
Arsenic	75-2	9580.07	9594.49	9616.17	9596.91	0.19	ppb
Barium	135-1	0.00	0.01	0.02	0.01	90.26	ppb
Barium	137-1	0.02	0.00	0.00	0.01	111.69	ppb
Beryllium	9-1	0.01	0.02	0.01	0.02	46.42	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1.61	1.61	1.52	1.58	3.52	ppb
Boron	11-1	1.42	1.50	1.51	1.48	3.42	ppb
Cadmium	111-1	-0.07	-0.03	0.04	-0.02		ppb
Cadmium	106-1	-0.91	-0.42	0.41	-0.31		ppb
Cadmium	108-1	-0.06	0.02	-0.06	-0.03		ppb
Calcium	43-1	-2.75	-1.55	-0.63	-1.64		ppb
Calcium	44-1	-1.95	-3.65	-2.10	-2.56		ppb
Chromium	52-2	0.12	0.11	0.11	0.11	4.49	ppb
Cobalt	59-2	0.02	0.02	0.02	0.02	18.92	ppb
Copper	63-2	0.03	0.05	0.04	0.04	20.45	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						%
Holmium	165-1						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	3.03	3.05	3.14	3.07	1.88	ppb
Iron	57-2	3.29	2.90	3.20	3.13	6.56	ppb
Lead	206-1	0.94	0.99	1.01	0.98	3.43	ppb
Lead	207-1	0.94	0.90	0.98	0.94	4.39	ppb
Lead	208-1	0.93	0.94	0.98	0.95	2.46	ppb
Lithium	6-1						%
Magnesium	24-2	2.05	2.63	2.92	2.53	17.42	ppb
Manganese	55-2	0.12	0.12	0.08	0.10	20.11	ppb

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	AS 10PPM	Instrumnet Name :	P7
Client Sample ID :	AS 10PPM	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 17:22:24	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.04	0.04	0.03	55.74	ppb
Molybdenum	95-1	0.09	0.09	0.13	0.10	25.00	ppb
Molybdenum	96-1	0.07	0.06	0.09	0.08	19.21	ppb
Molybdenum	97-1	0.06	0.14	0.12	0.11	36.40	ppb
Molybdenum	98-1	0.07	0.12	0.11	0.10	29.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.03	0.02	0.01	137.64	ppb
Phosphorus	31-2	-8.58	-6.53	-1.64	-5.58		ppb
Potassium	39-2	5.38	2.64	2.52	3.51	45.95	ppb
Rhodium	103-2						%
Rhodium	103-1						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.63	0.21	173.21	ppb
Selenium	78-2	0.33	-0.36	0.27	0.08	486.26	ppb
Selenium	82-1	0.69	1.36	0.26	0.77	72.02	ppb
Silicon	28-1	-22.08	-23.89	-22.39	-22.79		ppb
Silver	109-1	0.02	0.01	0.01	0.01	29.73	ppb
Silver	107-1	0.02	0.02	0.02	0.02	12.01	ppb
Sodium	23-2	10.73	9.39	10.88	10.33	7.94	ppb
Strontium	86-1	0.04	-0.08	-0.07	-0.03		ppb
Strontium	88-1	0.03	0.02	0.03	0.02	15.21	ppb
Sulfur	34-1	-2319.53	-2482.08	-2532.60	-2444.74		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.02	0.02	0.02	16.27	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	9.17	ppb
Tin	118-1	0.05	0.04	0.05	0.05	3.52	ppb
Titanium	47-1	0.11	0.12	0.06	0.10	29.61	ppb
Uranium	238-1	-0.01	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	44.71	ppb
Yttrium	89-2						%
Yttrium	89-1						%
Zinc	66-2	0.00	-0.04	-0.03	-0.02		ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	272.45	ppb

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	AS 10PPM	Instrumnet Name :	P7
Client Sample ID :	AS 10PPM	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 17:22:24	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	2.72	2.63	2.44	2.60	5.49	ppb

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	NO VIAL	Instrumnet Name :	P7
Client Sample ID :	NO VIAL	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 17:25:58	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.31	0.23	0.22	0.25	19.97	ppb
Antimony	121-1	-0.14	-0.15	-0.13	-0.14		ppb
Arsenic	75-2	2.61	0.63	6.28	3.17	90.34	ppb
Barium	135-1	-0.02	-0.01	-0.01	-0.01		ppb
Barium	137-1	-0.02	-0.02	-0.01	-0.02		ppb
Beryllium	9-1	-0.02	-0.02	-0.01	-0.02		ppb
Bismuth	209-2						%
Bismuth	209-1						%
Boron	10-1	0.13	-0.06	0.14	0.07	159.94	ppb
Boron	11-1	0.00	0.02	0.04	0.02	93.83	ppb
Cadmium	106-1	-2.19	-2.03	-1.75	-1.99		ppb
Cadmium	108-1	-0.08	-0.07	-0.05	-0.06		ppb
Cadmium	111-1	-0.17	-0.16	-0.14	-0.15		ppb
Calcium	43-1	-16.32	-18.48	-17.74	-17.51		ppb
Calcium	44-1	-39.63	-40.37	-39.86	-39.95		ppb
Chromium	52-2	-0.15	-0.16	-0.14	-0.15		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.09	-0.09	-0.08	-0.08		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						%
Holmium	165-2						%
Indium	115-2						%
Indium	115-1						%
Iron	56-2	-0.90	-1.16	-0.55	-0.87		ppb
Iron	57-2	0.05	-0.97	-0.06	-0.33		ppb
Lead	206-1	0.20	0.13	0.12	0.15	27.91	ppb
Lead	207-1	0.17	0.13	0.12	0.14	18.50	ppb
Lead	208-1	0.18	0.13	0.12	0.14	24.82	ppb
Lithium	6-1						%
Magnesium	24-2	-0.37	-0.51	-0.18	-0.35		ppb
Manganese	55-2	-0.05	-0.06	-0.05	-0.05		ppb

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	NO VIAL	Instrumnet Name :	P7
Client Sample ID :	NO VIAL	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 17:25:58	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.02	-0.02	-0.01	-0.02		ppb
Molybdenum	95-1	-0.04	-0.04	-0.01	-0.03		ppb
Molybdenum	96-1	-0.04	-0.04	-0.01	-0.03		ppb
Molybdenum	97-1	-0.04	-0.04	-0.01	-0.03		ppb
Molybdenum	98-1	-0.03	-0.03	-0.01	-0.02		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.06	-0.05	-0.04	-0.05		ppb
Phosphorus	31-2	-33.75	-46.16	-42.74	-40.88		ppb
Potassium	39-2	-146.65	-157.33	-143.24	-149.07		ppb
Rhodium	103-2						%
Rhodium	103-1						%
Scandium	45-2						%
Scandium	45-1						%
Selenium	82-1	0.18	0.54	0.10	0.27	85.59	ppb
Selenium	77-2	0.00	0.00	0.11	0.04	173.21	ppb
Selenium	78-2	-3.46	-3.81	-3.57	-3.61		ppb
Silicon	28-1	-154.46	-159.28	-146.85	-153.53		ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	-50.35	-54.78	-48.94	-51.36		ppb
Strontium	86-1	-0.87	-0.89	-0.72	-0.83		ppb
Strontium	88-1	-0.01	-0.01	-0.01	-0.01		ppb
Sulfur	34-1	-12510.59	-12787.56	-12597.87	-12632.01		ppb
Terbium	159-2						%
Terbium	159-1						%
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	-0.10	-0.10	-0.07	-0.09		ppb
Titanium	47-1	-0.05	-0.05	0.00	-0.03		ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	-0.01	0.00	0.00		ppb
Yttrium	89-2						%
Yttrium	89-1						%
Zinc	66-2	-0.35	-0.39	-0.31	-0.35		ppb
Zirconium	90-1	-0.02	-0.02	-0.01	-0.02		ppb

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	NO VIAL	Instrumnet Name :	P7
Client Sample ID :	NO VIAL	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 17:25:58	DataFile Name :	024SMPL.d

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

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	NO VIAL2	Instrumnet Name :	P7
Client Sample ID :	NO VIAL2	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 17:29:25	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.35	0.15	0.05	-0.05		ppb
Antimony	121-1	-0.15	-0.14	-0.14	-0.15		ppb
Arsenic	75-2	0.86	1.65	1.32	1.28	31.18	ppb
Barium	135-1	-0.01	-0.01	-0.01	-0.01		ppb
Barium	137-1	-0.02	-0.02	-0.02	-0.02		ppb
Beryllium	9-1	-0.02	-0.01	-0.02	-0.02		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	-0.07	0.16	0.10	0.06	190.52	ppb
Boron	11-1	0.02	0.09	0.16	0.09	80.11	ppb
Cadmium	106-1	-2.07	-2.49	-2.16	-2.24		ppb
Cadmium	108-1	-0.06	-0.06	-0.03	-0.05		ppb
Cadmium	111-1	-0.16	-0.19	-0.17	-0.17		ppb
Calcium	43-1	-18.12	-15.42	-16.27	-16.60		ppb
Calcium	44-1	-39.54	-35.79	-36.38	-37.24		ppb
Chromium	52-2	-0.15	-0.15	-0.15	-0.15		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.09	-0.07	-0.09	-0.08		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						%
Holmium	165-1						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	-1.04	-0.78	-0.86	-0.89		ppb
Iron	57-2	-0.92	-0.50	-0.81	-0.74		ppb
Lead	206-1	0.10	0.14	0.14	0.13	17.60	ppb
Lead	207-1	0.10	0.14	0.13	0.12	15.55	ppb
Lead	208-1	0.10	0.14	0.14	0.13	17.02	ppb
Lithium	6-1						%
Magnesium	24-2	-0.44	-0.40	-0.47	-0.44		ppb
Manganese	55-2	-0.06	-0.05	-0.06	-0.05		ppb

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	NO VIAL2	Instrumnet Name :	P7
Client Sample ID :	NO VIAL2	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 17:29:25	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.02	0.00	-0.01	-0.01		ppb
Molybdenum	95-1	-0.03	0.01	0.00	-0.01		ppb
Molybdenum	96-1	-0.03	0.00	0.02	0.00		ppb
Molybdenum	97-1	-0.03	0.01	0.01	-0.01		ppb
Molybdenum	98-1	-0.02	0.01	0.01	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	-0.05	-0.05	-0.05		ppb
Phosphorus	31-2	-41.47	-35.58	-42.66	-39.91		ppb
Potassium	39-2	-155.77	-145.35	-152.84	-151.32		ppb
Rhodium	103-2						%
Rhodium	103-1						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-4.37	-3.40	-3.78	-3.85		ppb
Selenium	82-1	0.50	0.48	0.02	0.33	80.56	ppb
Silicon	28-1	-144.02	-122.07	-118.68	-128.26		ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	-54.54	-48.16	-52.47	-51.73		ppb
Strontium	86-1	-0.67	-0.54	-0.48	-0.57		ppb
Strontium	88-1	-0.01	-0.01	-0.01	-0.01		ppb
Sulfur	34-1	-12719.18	-11891.88	-12059.08	-12223.38		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	-0.05	-0.08	-0.07	-0.07		ppb
Titanium	47-1	-0.03	0.04	-0.03	-0.01		ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	-0.01	-0.01	-0.01		ppb
Yttrium	89-2						%
Yttrium	89-1						%
Zinc	66-2	-0.36	-0.34	-0.37	-0.36		ppb
Zirconium	90-1	-0.02	-0.02	-0.01	-0.02		ppb

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	NO VIAL2	Instrumnet Name :	P7
Client Sample ID :	NO VIAL2	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 17:29:25	DataFile Name :	025SMPL.d

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

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	CCV23	Instrumnet Name :	P7
Client Sample ID :	CCV23	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 17:33:40	DataFile Name :	026CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9391.96	9350.18	9390.44	9377.53	0.25	ppb
Antimony	121-1	503.64	499.32	501.35	501.44	0.43	ppb
Arsenic	75-2	500.15	503.30	502.12	501.86	0.32	ppb
Barium	135-1	2530.54	2521.33	2536.67	2529.51	0.31	ppb
Barium	137-1	2520.05	2498.39	2518.53	2512.32	0.48	ppb
Beryllium	9-1	500.46	499.30	511.49	503.75	1.34	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	497.70	500.15	508.81	502.22	1.16	ppb
Boron	11-1	497.49	502.46	510.56	503.50	1.31	ppb
Cadmium	106-1	497.21	489.60	508.13	498.31	1.87	ppb
Cadmium	108-1	496.07	499.49	502.79	499.45	0.67	ppb
Cadmium	111-1	501.67	502.42	506.91	503.66	0.56	ppb
Calcium	43-1	47362.74	46578.44	47150.31	47030.50	0.86	ppb
Calcium	44-1	48036.85	47528.41	48436.16	48000.47	0.95	ppb
Chromium	52-2	500.58	502.04	505.68	502.77	0.52	ppb
Cobalt	59-2	499.68	502.18	505.81	502.56	0.61	ppb
Copper	63-2	993.30	992.03	997.98	994.44	0.32	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						%
Holmium	165-1						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	24328.02	24356.89	24471.06	24385.33	0.31	ppb
Iron	57-2	23207.98	23246.22	23438.97	23297.72	0.53	ppb
Lead	206-1	498.26	494.64	497.12	496.67	0.37	ppb
Lead	207-1	494.74	490.59	492.15	492.49	0.43	ppb
Lead	208-1	501.22	500.32	499.31	500.28	0.19	ppb
Lithium	6-1						%
Magnesium	24-2	50518.71	50184.44	50555.58	50419.58	0.41	ppb
Manganese	55-2	1001.41	1003.53	1011.66	1005.53	0.54	ppb

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	CCV23	Instrumnet Name :	P7
Client Sample ID :	CCV23	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 17:33:40	DataFile Name :	026CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	491.86	498.83	496.03	495.57	0.71	ppb
Molybdenum	95-1	480.32	480.08	477.35	479.25	0.34	ppb
Molybdenum	96-1	476.20	480.77	478.65	478.54	0.48	ppb
Molybdenum	97-1	487.31	491.32	486.62	488.41	0.52	ppb
Molybdenum	98-1	467.25	471.09	468.79	469.04	0.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	502.84	504.50	506.17	504.50	0.33	ppb
Phosphorus	31-2	9834.00	9829.47	9944.94	9869.47	0.66	ppb
Potassium	39-2	24569.93	24740.07	24752.56	24687.52	0.41	ppb
Rhodium	103-2						%
Rhodium	103-1						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	480.43	500.61	498.96	493.33	2.27	ppb
Selenium	78-2	507.01	501.50	501.08	503.19	0.66	ppb
Selenium	82-1	489.87	492.16	490.79	490.94	0.23	ppb
Silicon	28-1	480.87	481.50	483.04	481.80	0.23	ppb
Silver	109-1	512.87	512.70	517.21	514.26	0.50	ppb
Silver	107-1	514.73	518.01	515.31	516.02	0.34	ppb
Sodium	23-2	49995.11	49612.64	50426.39	50011.38	0.81	ppb
Strontium	86-1	486.92	487.37	486.46	486.92	0.09	ppb
Strontium	88-1	499.79	500.68	495.88	498.78	0.51	ppb
Sulfur	34-1	7977.75	7816.41	8025.92	7940.03	1.38	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	491.99	491.52	489.63	491.04	0.25	ppb
Thallium	205-1	509.09	507.37	509.44	508.64	0.22	ppb
Tin	118-1	483.95	481.07	483.92	482.98	0.34	ppb
Titanium	47-1	487.78	487.97	490.92	488.89	0.36	ppb
Uranium	238-1	500.91	498.07	506.65	501.88	0.87	ppb
Vanadium	51-2	500.85	500.07	503.15	501.36	0.32	ppb
Yttrium	89-2						%
Yttrium	89-1						%
Zinc	66-2	1021.40	1011.31	1014.71	1015.81	0.51	ppb
Zirconium	90-1	496.90	496.70	496.94	496.84	0.03	ppb

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	CCV23	Instrumnet Name :	P7
Client Sample ID :	CCV23	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 17:33:40	DataFile Name :	026CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	484.49	486.64	485.32	485.48	0.22	ppb

LB Number : LB86522 Operator : Jaswal
 Lab Sample ID : CCB23 Instrumnet Name : P7
 Client Sample ID : CCB23 Dilution Factor : 1
 Date & Time Acquired :: 2017-03-22 17:44:36 DataFile Name : 027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.13	0.34	0.34	0.27	44.96	ppb
Antimony	121-1	1.11	1.37	1.57	1.35	17.12	ppb
Arsenic	75-2	0.54	0.54	0.58	0.55	4.10	ppb
Barium	135-1	0.04	0.01	0.00	0.02	105.51	ppb
Barium	137-1	0.00	0.00	0.01	0.01	72.57	ppb
Beryllium	9-1	0.01	0.03	0.02	0.02	44.64	ppb
Bismuth	209-2						%
Bismuth	209-1						%
Boron	10-1	2.12	2.19	1.75	2.02	11.94	ppb
Boron	11-1	2.21	2.21	2.14	2.19	1.87	ppb
Cadmium	111-1	-0.01	-0.03	-0.10	-0.05		ppb
Cadmium	106-1	-0.07	-0.54	-1.52	-0.71		ppb
Cadmium	108-1	-0.02	0.00	-0.04	-0.02		ppb
Calcium	43-1	5.90	1.33	2.53	3.25	72.95	ppb
Calcium	44-1	1.79	1.05	-0.60	0.75	163.37	ppb
Chromium	52-2	0.01	0.02	0.00	0.01	70.74	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.03	0.02	0.01	0.02	64.66	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						%
Holmium	165-1						%
Indium	115-2						%
Indium	115-1						%
Iron	56-2	0.63	0.71	0.64	0.66	6.85	ppb
Iron	57-2	0.48	0.35	0.47	0.43	17.40	ppb
Lead	206-1	0.64	0.62	0.65	0.63	2.61	ppb
Lead	207-1	0.62	0.60	0.66	0.63	4.22	ppb
Lead	208-1	0.62	0.62	0.61	0.62	0.66	ppb
Lithium	6-1						%
Magnesium	24-2	0.62	0.58	0.71	0.64	10.53	ppb
Manganese	55-2	0.06	0.06	0.04	0.05	16.56	ppb

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	CCB23	Instrumnet Name :	P7
Client Sample ID :	CCB23	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 17:44:36	DataFile Name :	027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.06	0.08	0.10	0.08	29.51	ppb
Molybdenum	95-1	0.17	0.19	0.27	0.21	27.41	ppb
Molybdenum	96-1	0.14	0.16	0.20	0.17	18.72	ppb
Molybdenum	97-1	0.16	0.26	0.31	0.25	31.40	ppb
Molybdenum	98-1	0.14	0.24	0.33	0.24	39.06	ppb
Neodymium	150-2						cps
Neodymium	150-1						cps
Nickel	60-2	-0.03	-0.02	0.01	-0.01		ppb
Phosphorus	31-2	10.10	-6.38	-14.80	-3.69		ppb
Potassium	39-2	-7.05	-6.91	-9.51	-7.83		ppb
Rhodium	103-2						%
Rhodium	103-1						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	82-1	1.60	0.46	0.78	0.95	62.39	ppb
Selenium	77-2	0.00	0.32	0.32	0.21	86.60	ppb
Selenium	78-2	0.62	1.03	0.32	0.66	53.85	ppb
Silicon	28-1	-18.23	-19.43	-20.58	-19.41		ppb
Silver	109-1	0.01	0.02	0.02	0.02	28.39	ppb
Silver	107-1	0.01	0.01	0.01	0.01	11.23	ppb
Sodium	23-2	14.65	16.32	14.55	15.18	6.56	ppb
Strontium	86-1	-0.06	0.03	-0.02	-0.02		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	12.70	ppb
Sulfur	34-1	-1923.94	-2084.08	-2261.55	-2089.86		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.02	0.02	0.02	17.27	ppb
Thallium	205-1	0.03	0.02	0.04	0.03	19.41	ppb
Tin	118-1	0.05	0.06	0.12	0.08	44.45	ppb
Titanium	47-1	0.03	0.02	0.05	0.03	56.71	ppb
Uranium	238-1	0.00	-0.01	-0.01	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	226.81	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.30	0.30	0.26	0.29	8.42	ppb
Zirconium	90-1	0.01	0.02	0.03	0.02	52.59	ppb

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	CCB23	Instrumnet Name :	P7
Client Sample ID :	CCB23	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 17:44:36	DataFile Name :	027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.01	0.02	0.03	0.01	117.22	ppb

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 16:05:19	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	67	50	67	25.00	cps
Antimony	121-1	1734	2150	2234	2039	13.14	cps
Arsenic	75-2	28	7	17	17	59.00	cps
Barium	135-1	33	67	75	58	37.80	cps
Barium	137-1	100	108	167	125	29.06	cps
Beryllium	9-1	33	61	28	41	43.83	cps
Bismuth	209-1	6667709	6621321	6593003	6627345	0.57	cps
Bismuth	209-2	4948623	4893869	4890203	4910898	0.67	cps
Boron	10-1	25	42	117	61	79.90	cps
Boron	11-1	350	292	358	333	10.90	cps
Cadmium	106-1	3451	3217	3384	3351	3.59	cps
Cadmium	108-1	29	25	8	21	52.93	cps
Cadmium	111-1	2408	2255	2388	2350	3.52	cps
Calcium	43-1	767	733	725	742	2.97	cps
Calcium	44-1	28378	29940	29338	29219	2.69	cps
Chromium	52-2	953	773	833	853	10.74	cps
Cobalt	59-2	133	107	140	127	13.92	cps
Copper	63-2	700	730	600	677	10.06	cps
Dysprosium	156-2	13	3	7	8	65.47	cps
Dysprosium	156-1	8	0	25	11	114.58	cps
Erbium	164-1	42	42	42	42	0.00	cps
Erbium	164-2	7	10	23	13	66.12	cps
Gadolinium	160-2	33	50	33	39	24.75	cps
Gadolinium	160-1	100	100	125	108	13.33	cps
Holmium	165-2	6370357	6312644	6375773	6352925	0.55	cps
Holmium	165-1	10384630	10297752	10395437	10359273	0.52	cps
Indium	115-1	8885099	8854946	8987935	8909326	0.78	cps
Indium	115-2	2142319	2129279	2134741	2135446	0.31	cps
Iron	56-2	6474	6568	6346	6463	1.73	cps
Iron	57-2	150	122	133	135	10.34	cps
Lead	206-1	1161	1195	1045	1133	6.95	cps
Lead	207-1	967	1095	1106	1056	7.31	cps
Lead	208-1	4673	4767	4528	4656	2.58	cps
Lithium	6-1	992217	980757	991604	988193	0.65	cps
Magnesium	24-2	217	175	183	192	11.50	cps
Manganese	55-2	177	177	127	160	18.04	cps

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 16:05:19	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	450	492	425	456	7.39	cps
Molybdenum	95-1	250	350	350	317	18.23	cps
Molybdenum	96-1	367	508	450	442	16.12	cps
Molybdenum	97-1	242	200	225	222	9.44	cps
Molybdenum	98-1	425	425	533	461	13.56	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	120	143	117	127	11.47	cps
Phosphorus	31-2	317	300	300	306	3.15	cps
Potassium	39-2	64073	65094	64466	64544	0.80	cps
Rhodium	103-2	4392334	4379899	4387656	4386629	0.14	cps
Rhodium	103-1	8277398	8222657	8204098	8234717	0.46	cps
Scandium	45-1	5203576	5179258	5225245	5202693	0.44	cps
Scandium	45-2	290585	286028	289065	288559	0.80	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	174	226	202	201	12.93	cps
Selenium	82-1	39	180	-25	65	161.97	cps
Silicon	28-1	1043301	1040636	1046289	1043408	0.27	cps
Silver	109-1	108	67	50	75	40.06	cps
Silver	107-1	150	133	92	125	24.04	cps
Sodium	23-2	36897	37690	37790	37459	1.31	cps
Strontium	86-1	4368	4493	4593	4484	2.52	cps
Strontium	88-1	425	408	375	403	6.32	cps
Sulfur	34-1	703594	699437	705749	702927	0.46	cps
Terbium	159-1	10929782	10968793	10889048	10929207	0.36	cps
Terbium	159-2	6319165	6331542	6359247	6336651	0.32	cps
Thallium	203-1	317	158	217	231	34.73	cps
Thallium	205-1	533	467	467	489	7.87	cps
Tin	118-1	992	1192	1333	1172	14.64	cps
Titanium	47-1	100	142	108	117	18.90	cps
Uranium	238-1	300	342	350	331	8.10	cps
Vanadium	51-2	37	23	13	24	47.91	cps
Yttrium	89-2	1645403	1641042	1646444	1644296	0.17	cps
Yttrium	89-1	9254620	9293515	9217358	9255164	0.41	cps
Zinc	66-2	270	283	360	304	15.95	cps
Zirconium	90-1	808	908	933	883	7.49	cps

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 16:05:19	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	142	267	208	206	30.43	cps

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 16:13:40	DataFile Name :	004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2467	2467	2909	2614	9.76	cps
Antimony	121-1	27127	27286	27069	27161	0.41	cps
Arsenic	75-2	628	580	620	609	4.26	cps
Barium	135-1	30125	30368	29750	30081	1.04	cps
Barium	137-1	52568	54709	52056	53111	2.65	cps
Beryllium	9-1	1728	1700	1700	1709	0.94	cps
Bismuth	209-2	4999335	5031205	5001065	5010535	0.36	cps
Bismuth	209-1	6578686	6654147	6671126	6634653	0.74	cps
Boron	10-1	1158	1175	1175	1170	0.82	cps
Boron	11-1	6101	6227	6168	6165	1.01	cps
Cadmium	106-1	3484	3976	3709	3723	6.61	cps
Cadmium	108-1	263	213	271	249	12.69	cps
Cadmium	111-1	5426	5947	5645	5673	4.61	cps
Calcium	43-1	19605	18688	18713	19002	2.75	cps
Calcium	44-1	329243	335614	330751	331869	1.00	cps
Chromium	52-2	10387	9957	10030	10125	2.27	cps
Cobalt	59-2	7209	7642	7495	7449	2.96	cps
Copper	63-2	12048	12292	12149	12163	1.01	cps
Dysprosium	156-1	17	42	17	25	57.73	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-2	47	37	43	42	12.06	cps
Erbium	164-1	67	50	58	58	14.29	cps
Gadolinium	160-1	175	167	67	136	44.29	cps
Gadolinium	160-2	27	43	23	31	34.44	cps
Holmium	165-2	6484880	6522988	6498488	6502119	0.30	cps
Holmium	165-1	10441441	10492669	10501124	10478412	0.31	cps
Indium	115-1	9136814	9124252	9033013	9098026	0.62	cps
Indium	115-2	2185014	2196154	2191106	2190758	0.25	cps
Iron	56-2	194194	195726	195544	195155	0.43	cps
Iron	57-2	4712	4840	4901	4818	2.00	cps
Lead	206-1	17234	17462	16989	17228	1.37	cps
Lead	207-1	15348	15788	15521	15552	1.42	cps
Lead	208-1	68838	71093	69389	69773	1.68	cps
Lithium	6-1	1003986	1011354	1009669	1008336	0.38	cps
Magnesium	24-2	141631	142354	139848	141278	0.91	cps
Manganese	55-2	3681	3484	3717	3627	3.46	cps

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 16:13:40	DataFile Name :	004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	23579	22844	22377	22933	2.64	cps
Molybdenum	95-1	29732	28838	28271	28947	2.54	cps
Molybdenum	96-1	32488	31711	31753	31984	1.37	cps
Molybdenum	97-1	18529	18187	18162	18293	1.12	cps
Molybdenum	98-1	47171	46301	45992	46488	1.31	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	7	7	0	4	86.60	cps
Nickel	60-2	2537	2310	2340	2396	5.14	cps
Phosphorus	31-2	583	425	492	500	15.90	cps
Potassium	39-2	229592	227804	225645	227680	0.87	cps
Rhodium	103-2	4478968	4509773	4502303	4497015	0.36	cps
Rhodium	103-1	8362752	8507522	8344769	8405014	1.06	cps
Scandium	45-1	5284953	5334265	5318455	5312557	0.47	cps
Scandium	45-2	295549	294926	297575	296017	0.47	cps
Selenium	77-2	57	77	60	64	16.63	cps
Selenium	82-1	922	863	1104	963	13.03	cps
Selenium	78-2	391	406	369	388	4.80	cps
Silicon	28-1	1071854	1066553	1069747	1069384	0.25	cps
Silver	109-1	18429	19314	19239	18994	2.58	cps
Silver	107-1	19773	19623	19940	19778	0.80	cps
Sodium	23-2	313382	313997	314503	313961	0.18	cps
Strontium	86-1	8745	8845	8361	8650	2.95	cps
Strontium	88-1	39430	39823	39898	39717	0.63	cps
Sulfur	34-1	699547	697058	697316	697974	0.20	cps
Terbium	159-1	11121906	11060417	10971120	11051148	0.69	cps
Terbium	159-2	6513775	6517753	6515062	6515530	0.03	cps
Thallium	203-1	11380	11080	11405	11289	1.60	cps
Thallium	205-1	26686	28599	27196	27493	3.60	cps
Tin	118-1	52314	52850	52457	52540	0.53	cps
Titanium	47-1	8069	8569	8911	8517	4.97	cps
Uranium	238-1	36544	36185	35692	36140	1.18	cps
Vanadium	51-2	18472	18462	18532	18488	0.21	cps
Yttrium	89-1	9458606	9409982	9483071	9450553	0.39	cps
Yttrium	89-2	1686420	1693840	1693691	1691317	0.25	cps
Zinc	66-2	2904	2957	3044	2968	2.38	cps
Zirconium	90-1	18304	17236	17662	17734	3.03	cps

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 16:13:40	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4009	4009	3842	3954	2.43	cps

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 16:17:32	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	112724	113563	113730	113339	0.48	cps
Antimony	121-1	502840	485124	472457	486807	3.14	cps
Arsenic	75-2	27192	27825	27433	27483	1.16	cps
Barium	135-1	734072	736407	738861	736446	0.33	cps
Barium	137-1	1265511	1283320	1262727	1270519	0.88	cps
Beryllium	9-1	84545	84814	85098	84819	0.33	cps
Bismuth	209-1	6630329	6694300	6711493	6678708	0.64	cps
Bismuth	209-2	5035143	5020721	4993112	5016326	0.43	cps
Boron	10-1	10754	10788	10788	10777	0.18	cps
Boron	11-1	55887	55043	56616	55849	1.41	cps
Cadmium	111-1	157240	158094	157289	157541	0.30	cps
Cadmium	106-1	20182	20808	20899	20630	1.89	cps
Cadmium	108-1	11755	11484	11584	11608	1.18	cps
Calcium	43-1	173075	173287	173489	173284	0.12	cps
Calcium	44-1	2792462	2808339	2828386	2809729	0.64	cps
Chromium	52-2	216621	215610	217622	216618	0.46	cps
Cobalt	59-2	355868	359738	358692	358100	0.56	cps
Copper	63-2	525569	520202	525655	523809	0.60	cps
Dysprosium	156-2	17	10	17	14	26.66	cps
Dysprosium	156-1	17	25	50	31	56.77	cps
Erbium	164-1	58	58	17	44	54.12	cps
Erbium	164-2	17	7	37	20	76.36	cps
Gadolinium	160-2	17	30	23	23	28.56	cps
Gadolinium	160-1	83	67	125	92	32.78	cps
Holmium	165-1	10585883	10723920	10465497	10591767	1.22	cps
Holmium	165-2	6564670	6557776	6586589	6569679	0.23	cps
Indium	115-2	2185869	2188355	2194207	2189477	0.20	cps
Indium	115-1	9036872	9092310	9155219	9094800	0.65	cps
Iron	57-2	221805	225523	223712	223680	0.83	cps
Iron	56-2	9034073	9114948	9099800	9082940	0.47	cps
Lead	206-1	440847	441227	440993	441022	0.04	cps
Lead	207-1	397319	399982	405906	401069	1.10	cps
Lead	208-1	1790034	1799016	1801294	1796781	0.33	cps
Lithium	6-1	1006842	1009903	1014253	1010333	0.37	cps
Magnesium	24-2	1367483	1355177	1359667	1360776	0.46	cps
Manganese	55-2	244623	248121	249225	247323	0.97	cps

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 16:17:32	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	545989	539439	544233	543220	0.62	cps
Molybdenum	95-1	291222	286684	284991	287632	1.12	cps
Molybdenum	96-1	372052	369740	365135	368975	0.95	cps
Molybdenum	97-1	178572	176741	178656	177990	0.61	cps
Molybdenum	98-1	459787	460177	458288	459417	0.22	cps
Neodymium	150-1	53	73	40	56	30.20	cps
Neodymium	150-2	3	7	23	11	96.43	cps
Nickel	60-2	99320	100895	101056	100423	0.96	cps
Phosphorus	31-2	7294	7419	7360	7358	0.85	cps
Potassium	39-2	867682	864777	864762	865740	0.19	cps
Rhodium	103-1	8495329	8458369	8393133	8448944	0.61	cps
Rhodium	103-2	4491817	4519695	4484690	4498734	0.41	cps
Scandium	45-1	5346999	5306474	5405512	5352995	0.93	cps
Scandium	45-2	298499	299286	295871	297885	0.60	cps
Selenium	82-1	9005	9284	8964	9085	1.92	cps
Selenium	77-2	500	520	540	520	3.85	cps
Selenium	78-2	2021	1935	1924	1960	2.69	cps
Silicon	28-1	1398597	1409555	1395980	1401377	0.51	cps
Silver	107-1	771752	770468	778808	773676	0.58	cps
Silver	109-1	736537	727897	740281	734905	0.86	cps
Sodium	23-2	2622328	2588830	2593434	2601530	0.70	cps
Strontium	86-1	205820	208975	204276	206357	1.16	cps
Strontium	88-1	1759074	1766413	1754931	1760139	0.33	cps
Sulfur	34-1	748700	752366	753203	751423	0.32	cps
Terbium	159-1	11132643	11276160	11120389	11176397	0.77	cps
Terbium	159-2	6541439	6527967	6563676	6544361	0.28	cps
Thallium	203-1	543711	549533	548151	547132	0.56	cps
Thallium	205-1	1313059	1310794	1318644	1314166	0.31	cps
Tin	118-1	503660	502806	502815	503094	0.10	cps
Titanium	47-1	81350	85465	82346	83054	2.59	cps
Uranium	238-1	1650915	1669436	1678605	1666319	0.85	cps
Vanadium	51-2	179464	178175	179883	179174	0.50	cps
Yttrium	89-1	9483348	9522817	9596193	9534120	0.60	cps
Yttrium	89-2	1689598	1694310	1692185	1692031	0.14	cps
Zinc	66-2	74157	74074	74087	74106	0.06	cps
Zirconium	90-1	1054055	1049013	1051225	1051431	0.24	cps

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 16:17:32	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	231428	232816	231577	231940	0.33	cps

LB Number : LB86522 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2017-03-22 16:21:38 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	277939	279134	281616	279563	0.67	cps
Antimony	121-1	1412315	1380279	1373758	1388784	1.49	cps
Arsenic	75-2	69028	68920	69143	69030	0.16	cps
Barium	135-1	1838053	1830679	1838434	1835722	0.24	cps
Barium	137-1	3159552	3148106	3158622	3155427	0.20	cps
Beryllium	9-1	208445	205805	208276	207509	0.71	cps
Bismuth	209-1	6548215	6544989	6583150	6558785	0.32	cps
Bismuth	209-2	4891227	4936871	4931684	4919927	0.51	cps
Boron	10-1	26307	26516	27225	26683	1.80	cps
Boron	11-1	138101	139086	139338	138842	0.47	cps
Cadmium	111-1	389962	385634	390313	388636	0.67	cps
Cadmium	106-1	45348	45616	46753	45906	1.63	cps
Cadmium	108-1	27510	28016	28191	27906	1.27	cps
Calcium	43-1	425070	421576	426870	424505	0.63	cps
Calcium	44-1	6767285	6727606	6898086	6797659	1.31	cps
Chromium	52-2	533303	534985	534113	534134	0.16	cps
Cobalt	59-2	881069	888407	889556	886344	0.52	cps
Copper	63-2	1269483	1277858	1284140	1277161	0.58	cps
Dysprosium	156-2	27	17	23	22	22.91	cps
Dysprosium	156-1	50	83	100	78	32.74	cps
Erbium	164-1	50	58	50	53	9.12	cps
Erbium	164-2	23	37	40	33	26.47	cps
Gadolinium	160-2	43	50	67	53	22.54	cps
Gadolinium	160-1	133	125	58	106	38.94	cps
Holmium	165-1	10381527	10588941	10555167	10508545	1.06	cps
Holmium	165-2	6474373	6481772	6507867	6488004	0.27	cps
Indium	115-2	2146366	2166312	2149118	2153932	0.50	cps
Indium	115-1	8970685	8976436	8951847	8966323	0.14	cps
Iron	56-2	22340190	22348304	22501630	22396708	0.41	cps
Iron	57-2	545993	553068	553550	550870	0.77	cps
Lead	206-1	1070454	1086568	1077631	1078218	0.75	cps
Lead	207-1	983433	986257	988515	986068	0.26	cps
Lead	208-1	4389476	4425190	4429005	4414557	0.49	cps
Lithium	6-1	987115	984151	984969	985411	0.16	cps
Magnesium	24-2	3341060	3351416	3360500	3350992	0.29	cps
Manganese	55-2	606927	613760	608126	609605	0.60	cps

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 16:21:38	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1360587	1365818	1366701	1364369	0.24	cps
Molybdenum	95-1	727741	727531	726948	727406	0.06	cps
Molybdenum	96-1	930612	935472	932240	932774	0.27	cps
Molybdenum	97-1	452512	451050	449193	450918	0.37	cps
Molybdenum	98-1	1172073	1172011	1164251	1169445	0.38	cps
Neodymium	150-1	140	113	133	129	10.77	cps
Neodymium	150-2	17	37	50	34	48.70	cps
Nickel	60-2	234042	234912	235228	234727	0.26	cps
Phosphorus	31-2	18229	18571	17261	18020	3.77	cps
Potassium	39-2	2046810	2050514	2066634	2054653	0.51	cps
Rhodium	103-1	8277718	8369667	8300041	8315809	0.58	cps
Rhodium	103-2	4402463	4441276	4411389	4418376	0.46	cps
Scandium	45-2	292773	295554	294404	294244	0.47	cps
Scandium	45-1	5359651	5321352	5317416	5332806	0.44	cps
Selenium	82-1	22286	22267	22306	22286	0.09	cps
Selenium	77-2	1277	1270	1347	1298	3.27	cps
Selenium	78-2	4475	4725	4640	4613	2.76	cps
Silicon	28-1	1971993	1967066	1972623	1970561	0.15	cps
Silver	109-1	1826601	1816931	1824985	1822839	0.28	cps
Silver	107-1	1906238	1913729	1909999	1909989	0.20	cps
Sodium	23-2	6335662	6320600	6345933	6334065	0.20	cps
Strontium	86-1	501784	507915	508488	506062	0.73	cps
Strontium	88-1	4343927	4355355	4375998	4358426	0.37	cps
Sulfur	34-1	839492	832440	828813	833582	0.65	cps
Terbium	159-1	11048002	11041031	11134594	11074542	0.47	cps
Terbium	159-2	6474576	6480891	6465957	6473808	0.12	cps
Thallium	203-1	1347512	1352045	1355404	1351654	0.29	cps
Thallium	205-1	3217742	3264126	3263126	3248331	0.82	cps
Tin	118-1	1246102	1250190	1253103	1249798	0.28	cps
Titanium	47-1	207337	205460	205334	206044	0.54	cps
Uranium	238-1	4094051	4086033	4138669	4106251	0.69	cps
Vanadium	51-2	441772	444458	444541	443590	0.36	cps
Yttrium	89-2	1670293	1685405	1684586	1680095	0.51	cps
Yttrium	89-1	9401431	9456181	9429350	9428988	0.29	cps
Zinc	66-2	176768	178959	178854	178193	0.69	cps
Zirconium	91-1	589519	584799	591270	588529	0.57	cps

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 16:21:38	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2635284	2648620	2637365	2640423	0.27	cps

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 16:25:24	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	555505	550491	545233	550409	0.93	cps
Antimony	121-1	2969289	2925662	2922219	2939056	0.89	cps
Arsenic	75-2	137752	138786	137141	137893	0.60	cps
Barium	135-1	3654655	3647135	3677599	3659796	0.43	cps
Barium	137-1	6400055	6311083	6431744	6380961	0.98	cps
Beryllium	9-1	415304	409553	412772	412543	0.70	cps
Bismuth	209-2	4897153	4911388	4889248	4899263	0.23	cps
Bismuth	209-1	6525518	6542214	6539718	6535817	0.14	cps
Boron	10-1	53403	54984	54140	54176	1.46	cps
Boron	11-1	276163	278350	280868	278461	0.85	cps
Cadmium	108-1	56194	56424	56689	56436	0.44	cps
Cadmium	111-1	767119	768016	764739	766625	0.22	cps
Cadmium	106-1	88015	87025	83857	86299	2.52	cps
Calcium	43-1	855754	851349	846593	851232	0.54	cps
Calcium	44-1	13588444	13525903	13685305	13599884	0.59	cps
Chromium	52-2	1058956	1059460	1048971	1055796	0.56	cps
Cobalt	59-2	1746499	1745744	1733706	1741983	0.41	cps
Copper	63-2	2520813	2513067	2502668	2512182	0.36	cps
Dysprosium	156-2	10	37	27	24	55.11	cps
Dysprosium	156-1	92	108	100	100	8.33	cps
Erbium	164-1	133	108	67	103	32.77	cps
Erbium	164-2	23	43	33	33	30.00	cps
Gadolinium	160-2	60	53	37	50	24.03	cps
Gadolinium	160-1	150	67	108	108	38.46	cps
Holmium	165-1	10612314	10590145	10638953	10613804	0.23	cps
Holmium	165-2	6505858	6512532	6481859	6500083	0.25	cps
Indium	115-1	9027111	8975946	8958327	8987128	0.40	cps
Indium	115-2	2141745	2141472	2126303	2136507	0.41	cps
Iron	56-2	44259013	44226016	44103072	44196034	0.19	cps
Iron	57-2	1092427	1091972	1086379	1090260	0.31	cps
Lead	206-1	2138345	2168250	2164065	2156886	0.75	cps
Lead	207-1	1968375	1964245	1960988	1964536	0.19	cps
Lead	208-1	8808120	8853930	8797567	8819873	0.34	cps
Lithium	6-1	980554	978023	974273	977617	0.32	cps
Magnesium	24-2	6634366	6569417	6514094	6572625	0.92	cps
Manganese	55-2	1207172	1207232	1197105	1203836	0.48	cps

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 16:25:24	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2755688	2739554	2750740	2748661	0.30	cps
Molybdenum	95-1	1484218	1471895	1472282	1476131	0.47	cps
Molybdenum	96-1	1895973	1888008	1884203	1889394	0.32	cps
Molybdenum	97-1	920706	907529	911424	913220	0.74	cps
Molybdenum	98-1	2377721	2367754	2335040	2360172	0.95	cps
Neodymium	150-1	200	213	247	220	10.93	cps
Neodymium	150-2	27	33	43	34	24.35	cps
Nickel	60-2	465055	461129	455126	460436	1.09	cps
Phosphorus	31-2	34349	34382	34658	34463	0.49	cps
Potassium	39-2	4027373	4018716	4003537	4016542	0.30	cps
Rhodium	103-2	4371111	4395417	4352579	4373036	0.49	cps
Rhodium	103-1	8245034	8252149	8278467	8258550	0.21	cps
Scandium	45-2	296174	294921	292438	294511	0.65	cps
Scandium	45-1	5326891	5376729	5355551	5353057	0.47	cps
Selenium	77-2	2630	2584	2550	2588	1.55	cps
Selenium	78-2	9220	9116	8944	9093	1.53	cps
Selenium	82-1	45898	45125	44965	45330	1.10	cps
Silicon	28-1	2877215	2873943	2883832	2878330	0.18	cps
Silver	107-1	3815030	3802323	3775283	3797545	0.53	cps
Silver	109-1	3617469	3621846	3622788	3620701	0.08	cps
Sodium	23-2	12549035	12454994	12529052	12511027	0.40	cps
Strontium	86-1	1018838	1014916	1009563	1014439	0.46	cps
Strontium	88-1	8764237	8766617	8819429	8783428	0.36	cps
Sulfur	34-1	946959	946635	941601	945065	0.32	cps
Terbium	159-2	6497388	6542141	6459254	6499594	0.64	cps
Terbium	159-1	10915530	11077566	11180999	11058032	1.21	cps
Thallium	203-1	2716204	2726204	2730434	2724281	0.27	cps
Thallium	205-1	6451300	6501295	6515733	6489443	0.52	cps
Tin	118-1	2508193	2495176	2494257	2499209	0.31	cps
Titanium	47-1	413162	412102	414066	413110	0.24	cps
Uranium	238-1	8421472	8417818	8568322	8469204	1.01	cps
Vanadium	51-2	882400	882664	876267	880443	0.41	cps
Yttrium	89-1	9564365	9513514	9567205	9548361	0.32	cps
Yttrium	89-2	1687088	1680343	1661779	1676403	0.78	cps
Zinc	66-2	351515	353794	350730	352013	0.45	cps
Zirconium	90-1	5302987	5277025	5344739	5308251	0.64	cps

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 16:25:24	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1177773	1170291	1178192	1175418	0.38	cps

LB Number : LB86522 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P7
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2017-03-22 16:29:06 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1082431	1086732	1086200	1085121	0.22	cps
Antimony	121-1	6031983	5995389	5992138	6006503	0.37	cps
Arsenic	75-2	274112	274769	274602	274494	0.12	cps
Barium	135-1	7396424	7362160	7422148	7393577	0.41	cps
Barium	137-1	12654956	12666078	12790890	12703975	0.59	cps
Beryllium	9-1	797444	794299	797861	796535	0.24	cps
Bismuth	209-1	6487684	6468151	6471680	6475838	0.16	cps
Bismuth	209-2	4869236	4829411	4831035	4843227	0.47	cps
Boron	10-1	104064	105030	106213	105102	1.02	cps
Boron	11-1	532578	535804	539587	535990	0.65	cps
Cadmium	106-1	165784	167925	166087	166599	0.70	cps
Cadmium	108-1	110602	109171	109813	109862	0.65	cps
Cadmium	111-1	1490765	1493724	1498540	1494343	0.26	cps
Calcium	43-1	1660924	1662131	1675439	1666165	0.48	cps
Calcium	44-1	26856339	26583224	26967115	26802226	0.74	cps
Chromium	52-2	2085674	2077491	2076100	2079755	0.25	cps
Cobalt	59-2	3421077	3414104	3421927	3419036	0.13	cps
Copper	63-2	4904069	4921321	4895367	4906919	0.27	cps
Dysprosium	156-2	47	37	37	40	14.43	cps
Dysprosium	156-1	92	208	167	156	38.01	cps
Erbium	164-1	67	92	50	69	30.20	cps
Erbium	164-2	40	27	37	34	20.14	cps
Gadolinium	160-2	53	40	57	50	17.64	cps
Gadolinium	160-1	125	83	67	92	32.78	cps
Holmium	165-2	6503767	6490372	6508434	6500858	0.14	cps
Holmium	165-1	10433218	10591095	10514386	10512900	0.75	cps
Indium	115-1	8801541	8830336	8822387	8818088	0.17	cps
Indium	115-2	2110792	2117837	2116982	2115204	0.18	cps
Iron	56-2	86894305	87759944	86667888	87107379	0.66	cps
Iron	57-2	2142108	2144831	2142504	2143148	0.07	cps
Lead	206-1	4248770	4282034	4269789	4266864	0.39	cps
Lead	207-1	3891522	3893961	3883241	3889575	0.14	cps
Lead	208-1	17677973	17564856	17561132	17601320	0.38	cps
Lithium	6-1	948692	946738	947103	947511	0.11	cps
Magnesium	24-2	12947593	12922494	12860102	12910063	0.35	cps
Manganese	55-2	2363186	2375397	2376888	2371823	0.32	cps

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 16:29:06	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5464768	5450312	5465524	5460201	0.16	cps
Molybdenum	95-1	2941878	2912848	2921258	2925328	0.51	cps
Molybdenum	96-1	3771566	3732678	3781906	3762050	0.69	cps
Molybdenum	97-1	1809791	1807736	1812904	1810144	0.14	cps
Molybdenum	98-1	4712166	4680281	4705782	4699410	0.36	cps
Neodymium	150-1	427	373	467	422	11.09	cps
Neodymium	150-2	50	57	67	58	14.52	cps
Nickel	60-2	904512	905658	903444	904538	0.12	cps
Phosphorus	31-2	68458	68307	66926	67897	1.24	cps
Potassium	39-2	7830043	7868867	7733491	7810800	0.89	cps
Rhodium	103-2	4321354	4309057	4333780	4321397	0.29	cps
Rhodium	103-1	8091965	8118950	8143960	8118292	0.32	cps
Scandium	45-1	5247811	5244519	5301343	5264558	0.61	cps
Scandium	45-2	294917	295272	291585	293925	0.69	cps
Selenium	77-2	5224	5508	5098	5277	3.98	cps
Selenium	78-2	17490	17989	17603	17694	1.48	cps
Selenium	82-1	89030	88680	88417	88709	0.35	cps
Silicon	28-1	3694682	3659234	3674736	3676217	0.48	cps
Silver	109-1	7340537	7278232	7303409	7307393	0.43	cps
Silver	107-1	7680128	7607704	7568968	7618933	0.74	cps
Sodium	23-2	24434946	24215527	24522630	24391034	0.65	cps
Strontium	86-1	1977866	1991211	2003518	1990865	0.64	cps
Strontium	88-1	17340972	17522658	17261796	17375142	0.77	cps
Sulfur	34-1	1168769	1161552	1160043	1163455	0.40	cps
Terbium	159-1	11086124	11112367	11117034	11105175	0.15	cps
Terbium	159-2	6499621	6485946	6583221	6522929	0.81	cps
Thallium	203-1	5300054	5380236	5387453	5355914	0.91	cps
Thallium	205-1	12815075	12840605	12831295	12828992	0.10	cps
Tin	118-1	4952583	4931483	4952892	4945652	0.25	cps
Titanium	47-1	806304	809250	806232	807262	0.21	cps
Uranium	238-1	16777083	16857135	16798424	16810881	0.25	cps
Vanadium	51-2	1746358	1746463	1738258	1743693	0.27	cps
Yttrium	89-2	1677131	1681225	1687429	1681928	0.31	cps
Yttrium	89-1	9424066	9470809	9451411	9448762	0.25	cps
Zinc	66-2	689605	692464	686920	689663	0.40	cps
Zirconium	90-1	10594735	10738616	10660475	10664609	0.68	cps

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 16:29:06	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2325833	2338902	2344849	2336528	0.42	cps

LB Number : LB86522 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2017-03-22 16:32:44 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2121123	2153022	2156665	2143603	0.91	cps
Antimony	121-1	12840333	12897171	12845807	12861104	0.24	cps
Arsenic	75-2	544056	552336	554828	550407	1.02	cps
Barium	135-1	14917538	14941139	15037915	14965531	0.43	cps
Barium	137-1	25502033	25606967	25643042	25584014	0.29	cps
Beryllium	9-1	1552631	1546872	1547264	1548923	0.21	cps
Bismuth	209-1	6348940	6299721	6289067	6312576	0.51	cps
Bismuth	209-2	4742240	4786188	4830118	4786182	0.92	cps
Boron	10-1	204166	206363	205129	205220	0.54	cps
Boron	11-1	1046342	1056984	1061333	1054886	0.73	cps
Cadmium	111-1	2952626	2946866	2964426	2954639	0.30	cps
Cadmium	106-1	329838	325871	324928	326879	0.80	cps
Cadmium	108-1	217381	217790	218596	217922	0.28	cps
Calcium	43-1	3301407	3346367	3331595	3326456	0.69	cps
Calcium	44-1	53642155	53756320	53806603	53735026	0.16	cps
Chromium	52-2	4104600	4153432	4179882	4145971	0.92	cps
Cobalt	59-2	6713359	6828438	6859651	6800483	1.13	cps
Copper	63-2	9849566	9958093	9861783	9889814	0.60	cps
Dysprosium	156-2	37	67	60	54	28.93	cps
Dysprosium	156-1	167	217	142	175	21.82	cps
Erbium	164-1	83	75	108	89	19.52	cps
Erbium	164-2	57	13	20	30	77.79	cps
Gadolinium	160-2	47	67	53	56	18.33	cps
Gadolinium	160-1	200	75	167	147	43.97	cps
Holmium	165-1	10695115	10560287	10607693	10621031	0.64	cps
Holmium	165-2	6476706	6532991	6581486	6530394	0.80	cps
Indium	115-1	8734611	8702194	8826892	8754566	0.74	cps
Indium	115-2	2059064	2087236	2102005	2082768	1.05	cps
Iron	56-2	172168893	175032948	174710598	173970813	0.90	cps
Iron	57-2	4216736	4293639	4286823	4265733	1.00	cps
Lead	206-1	8398075	8410199	8356460	8388245	0.34	cps
Lead	207-1	7756445	7793387	7729707	7759846	0.41	cps
Lead	208-1	34739202	34791260	34526540	34685667	0.40	cps
Lithium	6-1	935965	937591	935576	936377	0.11	cps
Magnesium	24-2	25244589	25628810	25619379	25497593	0.86	cps
Manganese	55-2	4689521	4772755	4778023	4746766	1.05	cps

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 16:32:44	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	11455614	11337648	11398067	11397109	0.52	cps
Molybdenum	95-1	6007590	5952099	6001996	5987228	0.51	cps
Molybdenum	96-1	7853570	7709877	7715915	7759788	1.05	cps
Molybdenum	97-1	3657091	3677593	3648166	3660950	0.41	cps
Molybdenum	98-1	10002632	9943924	9850023	9932193	0.78	cps
Neodymium	150-1	727	753	793	758	4.43	cps
Neodymium	150-2	97	110	103	103	6.45	cps
Nickel	60-2	1752261	1786184	1786676	1775040	1.11	cps
Phosphorus	31-2	133183	136352	135553	135029	1.22	cps
Potassium	39-2	15392752	15569913	15607258	15523308	0.74	cps
Rhodium	103-2	4213636	4297733	4306970	4272780	1.20	cps
Rhodium	103-1	8114133	8084782	8029182	8076033	0.53	cps
Scandium	45-1	5285866	5315697	5346610	5316058	0.57	cps
Scandium	45-2	293127	296103	297333	295521	0.73	cps
Selenium	77-2	10614	10447	10154	10405	2.24	cps
Selenium	78-2	34714	35454	35269	35146	1.10	cps
Selenium	82-1	177287	176747	178517	177517	0.51	cps
Silicon	28-1	6248086	6262808	6274556	6261817	0.21	cps
Silver	109-1	14344825	14479913	14401829	14408856	0.47	cps
Silver	107-1	15005525	14981925	15088212	15025221	0.37	cps
Sodium	23-2	47882303	48235151	48673146	48263533	0.82	cps
Strontium	86-1	4013838	4025624	4040511	4026658	0.33	cps
Strontium	88-1	34945418	35281692	35181493	35136201	0.49	cps
Sulfur	34-1	1641108	1653063	1659849	1651340	0.57	cps
Terbium	159-2	6444707	6633147	6583657	6553837	1.49	cps
Terbium	159-1	11248467	11124804	11119795	11164356	0.65	cps
Thallium	203-1	10865121	10857508	10874347	10865658	0.08	cps
Thallium	205-1	25276667	25361570	25220339	25286192	0.28	cps
Tin	118-1	10247968	10362135	10326155	10312086	0.57	cps
Titanium	47-1	1633690	1628402	1623584	1628559	0.31	cps
Uranium	238-1	33922321	33647663	33758207	33776064	0.41	cps
Vanadium	51-2	3458169	3521489	3527722	3502460	1.10	cps
Yttrium	89-2	1666446	1685999	1700032	1684159	1.00	cps
Yttrium	89-1	9420622	9520422	9485407	9475484	0.53	cps
Zinc	66-2	1341745	1362136	1362025	1355302	0.87	cps
Zirconium	90-1	21302261	21422466	21380858	21368529	0.29	cps

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 16:32:44	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4656839	4687969	4700226	4681678	0.48	cps

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 16:36:18	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11720837	11675375	11890507	11762240	0.96	cps
Antimony	121-1	64164	68510	72956	68543	6.41	cps
Arsenic	75-2	856	906	1150	970	16.24	cps
Barium	135-1	5301	5426	5451	5393	1.49	cps
Barium	137-1	8853	9220	9178	9084	2.21	cps
Beryllium	9-1	300	333	322	319	5.33	cps
Bismuth	209-1	5665509	5636257	5599287	5633684	0.59	cps
Bismuth	209-2	4350249	4361273	4379785	4363769	0.34	cps
Boron	10-1	4067	3517	3459	3681	9.12	cps
Boron	11-1	20732	19104	17344	19060	8.89	cps
Cadmium	106-1	3526	3209	3259	3331	5.11	cps
Cadmium	108-1	83	75	75	78	6.19	cps
Cadmium	111-1	2968	2848	2787	2868	3.21	cps
Calcium	43-1	17340456	17291060	17284220	17305245	0.18	cps
Calcium	44-1	276335431	276957340	280079940	277790903	0.72	cps
Chromium	52-2	102752	103007	103611	103123	0.43	cps
Cobalt	59-2	9036	9460	9270	9255	2.29	cps
Copper	63-2	15722	15605	16069	15799	1.53	cps
Dysprosium	156-2	87	73	127	96	29.05	cps
Dysprosium	156-1	308	217	300	275	18.43	cps
Erbium	164-1	142	183	100	142	29.41	cps
Erbium	164-2	93	53	37	61	47.66	cps
Gadolinium	160-2	137	133	90	120	21.70	cps
Gadolinium	160-1	217	175	200	197	10.63	cps
Holmium	165-1	10227112	10078187	10030098	10111799	1.02	cps
Holmium	165-2	6294639	6311580	6349028	6318416	0.44	cps
Indium	115-2	2099184	2090477	2118175	2102612	0.67	cps
Indium	115-1	8575549	8393223	8511841	8493538	1.09	cps
Iron	56-2	939826110	940260954	946596332	942227799	0.40	cps
Iron	57-2	23501047	23552944	23934545	23662845	1.00	cps
Lead	206-1	16700	16650	17846	17065	3.96	cps
Lead	207-1	13518	14542	14809	14290	4.77	cps
Lead	208-1	65794	66071	67356	66407	1.25	cps
Lithium	6-1	913493	909626	905427	909515	0.44	cps
Magnesium	24-2	132726470	132229061	133961503	132972345	0.67	cps
Manganese	55-2	19166	19907	20181	19751	2.66	cps

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 16:36:18	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	22335	24072	25415	23941	6.45	cps
Molybdenum	95-1	33440	36047	40024	36504	9.08	cps
Molybdenum	96-1	42255	46845	49044	46048	7.52	cps
Molybdenum	97-1	21350	22577	25373	23100	8.93	cps
Molybdenum	98-1	54789	58522	62989	58767	6.99	cps
Neodymium	150-1	140	160	167	156	8.92	cps
Neodymium	150-2	100	80	103	94	13.36	cps
Nickel	60-2	25746	25255	25429	25477	0.98	cps
Phosphorus	31-2	508	583	492	528	9.25	cps
Potassium	39-2	81981487	82236662	84143260	82787137	1.43	cps
Rhodium	103-2	3998660	4024326	4064051	4029013	0.82	cps
Rhodium	103-1	7536921	7432028	7460623	7476524	0.73	cps
Scandium	45-1	5283711	5297362	5317140	5299404	0.32	cps
Scandium	45-2	300263	303167	302644	302025	0.51	cps
Selenium	77-2	13	20	43	26	61.64	cps
Selenium	78-2	307	293	285	295	3.83	cps
Selenium	82-1	375	403	577	451	24.22	cps
Silicon	28-1	1061985	1062240	1065346	1063190	0.18	cps
Silver	109-1	2100	2601	2300	2334	10.79	cps
Silver	107-1	2600	3118	2600	2773	10.77	cps
Sodium	23-2	252667231	251861822	254218789	252915947	0.47	cps
Strontium	86-1	131530	130407	130120	130686	0.57	cps
Strontium	88-1	1102822	1099344	1102775	1101647	0.18	cps
Sulfur	34-1	625649	629578	631671	628966	0.49	cps
Terbium	159-1	10662464	10582046	10571457	10605322	0.47	cps
Terbium	159-2	6310483	6314684	6342073	6322414	0.27	cps
Thallium	203-1	4976	4818	4634	4809	3.56	cps
Thallium	205-1	12173	11247	10480	11300	7.50	cps
Tin	118-1	10846	12464	13298	12203	10.22	cps
Titanium	47-1	1492	1442	1483	1472	1.82	cps
Uranium	238-1	6502	6435	6010	6316	4.22	cps
Vanadium	51-2	1227	1017	1173	1139	9.58	cps
Yttrium	89-2	1681391	1690955	1709196	1693847	0.83	cps
Yttrium	89-1	9247583	9313487	9320722	9293931	0.43	cps
Zinc	66-2	8813	8863	9030	8902	1.28	cps
Zirconium	90-1	5701	8474	6310	6828	21.34	cps

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 16:36:18	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1158	1500	1383	1347	12.89	cps

LB Number : LB86522 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2017-03-22 16:40:06 DataFile Name : 011ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	60724	60632	59427	60261	1.20	cps
Antimony	121-1	2465217	2444374	2416793	2442128	0.99	cps
Arsenic	75-2	114783	115564	114852	115066	0.38	cps
Barium	135-1	302911	299713	296121	299582	1.13	cps
Barium	137-1	523440	516527	518131	519366	0.70	cps
Beryllium	9-1	160983	160927	159793	160568	0.42	cps
Bismuth	209-1	6437304	6533437	6490571	6487104	0.74	cps
Bismuth	209-2	4981620	5019643	5001260	5000841	0.38	cps
Boron	10-1	101254	102932	103804	102663	1.26	cps
Boron	11-1	524099	535215	533330	530881	1.12	cps
Cadmium	111-1	322743	324684	322667	323364	0.35	cps
Cadmium	106-1	62640	61651	64782	63025	2.54	cps
Cadmium	108-1	32103	32784	32621	32503	1.09	cps
Calcium	43-1	82556	80830	81198	81528	1.11	cps
Calcium	44-1	1278699	1268402	1266360	1271154	0.52	cps
Chromium	52-2	428532	433446	432003	431327	0.59	cps
Cobalt	59-2	725553	733779	735856	731729	0.74	cps
Copper	63-2	524738	532020	529461	528739	0.70	cps
Dysprosium	156-2	3	10	7	7	50.03	cps
Dysprosium	156-1	50	8	0	19	137.78	cps
Erbium	164-1	42	133	50	75	67.59	cps
Erbium	164-2	43	60	63	56	19.29	cps
Gadolinium	160-2	30	50	40	40	25.00	cps
Gadolinium	160-1	92	83	83	86	5.58	cps
Holmium	165-1	10551252	10457622	10613785	10540886	0.75	cps
Holmium	165-2	6533194	6759046	6751220	6681153	1.92	cps
Indium	115-1	9220876	9204888	9221336	9215700	0.10	cps
Indium	115-2	2212868	2241431	2225933	2226744	0.64	cps
Iron	56-2	3755203	3788436	3783845	3775828	0.48	cps
Iron	57-2	94318	93854	93575	93915	0.40	cps
Lead	208-1	6861295	6884591	6827994	6857960	0.41	cps
Lead	206-1	1732628	1719070	1713678	1721792	0.57	cps
Lead	207-1	1506732	1498774	1494945	1500150	0.40	cps
Lithium	6-1	999519	1003034	990546	997700	0.65	cps
Magnesium	24-2	325142	329656	329584	328127	0.79	cps
Manganese	55-2	254005	251494	255973	253824	0.88	cps

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 16:40:06	DataFile Name :	011ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5690542	5702626	5487924	5627031	2.14	cps
Molybdenum	95-1	2939746	2934526	2925500	2933257	0.25	cps
Molybdenum	96-1	3761373	3782692	3774144	3772736	0.28	cps
Molybdenum	97-1	1812235	1828589	1813321	1818048	0.50	cps
Molybdenum	98-1	4706223	4711553	4699650	4705809	0.13	cps
Neodymium	150-1	33	40	27	33	20.00	cps
Neodymium	150-2	10	7	0	6	91.64	cps
Nickel	60-2	193536	195795	196867	195399	0.87	cps
Phosphorus	31-2	417	533	417	456	14.79	cps
Potassium	39-2	729837	737928	737403	735056	0.62	cps
Rhodium	103-2	4578902	4614457	4571795	4588385	0.50	cps
Rhodium	103-1	8619403	8585998	8686333	8630578	0.59	cps
Scandium	45-1	5657697	5606407	5647856	5637320	0.48	cps
Scandium	45-2	309100	313288	312729	311706	0.73	cps
Selenium	77-2	2227	2174	2214	2205	1.26	cps
Selenium	78-2	7524	7609	7661	7598	0.91	cps
Selenium	82-1	37692	37290	37363	37449	0.57	cps
Silicon	28-1	3749763	3733540	3724146	3735817	0.35	cps
Silver	109-1	1404428	1411057	1394809	1403431	0.58	cps
Silver	107-1	1478108	1475443	1475479	1476343	0.10	cps
Sodium	23-2	1128759	1137468	1129768	1131998	0.42	cps
Strontium	86-1	2003109	2011426	1988523	2001019	0.58	cps
Strontium	88-1	17566410	17490417	17396556	17484461	0.49	cps
Sulfur	34-1	675404	670817	671079	672433	0.38	cps
Terbium	159-2	6537712	6690253	6713309	6647091	1.44	cps
Terbium	159-1	11003994	11068655	11172293	11081647	0.77	cps
Thallium	203-1	2169390	2152707	2139477	2153858	0.70	cps
Thallium	205-1	5169548	5153837	5102057	5141814	0.69	cps
Tin	118-1	4882605	4942527	4885495	4903542	0.69	cps
Titanium	47-1	822707	824007	821136	822617	0.17	cps
Uranium	238-1	15793139	15908223	15728819	15810060	0.57	cps
Vanadium	51-2	359274	362719	363555	361850	0.63	cps
Yttrium	89-2	1756740	1772023	1766041	1764935	0.44	cps
Yttrium	89-1	9878305	9870477	9811095	9853293	0.37	cps
Zinc	66-2	149304	152473	150611	150796	1.06	cps
Zirconium	90-1	10910006	10735123	10813720	10819616	0.81	cps

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 16:40:06	DataFile Name :	011ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2343172	2342403	2347653	2344409	0.12	cps

LB Number : LB86522 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2017-03-22 16:43:37 DataFile Name : 012CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	192	283	117	197	42.33	cps
Antimony	121-1	20432	22819	25282	22845	10.62	cps
Arsenic	75-2	348	356	385	363	5.40	cps
Barium	135-1	117	92	158	122	27.56	cps
Barium	137-1	200	267	317	261	22.42	cps
Beryllium	9-1	117	117	78	104	21.65	cps
Bismuth	209-1	6358923	6374697	6343973	6359198	0.24	cps
Bismuth	209-2	4912324	4915052	4960775	4929384	0.55	cps
Boron	10-1	2884	2609	2700	2731	5.13	cps
Boron	11-1	14474	13523	12497	13498	7.32	cps
Cadmium	106-1	3184	3542	3226	3317	5.91	cps
Cadmium	108-1	13	17	13	14	17.33	cps
Cadmium	111-1	2270	2530	2307	2369	5.94	cps
Calcium	43-1	875	1183	975	1011	15.56	cps
Calcium	44-1	33698	34742	34491	34310	1.59	cps
Chromium	52-2	997	1013	1003	1004	0.84	cps
Cobalt	59-2	113	117	107	112	4.54	cps
Copper	63-2	793	910	787	830	8.36	cps
Dysprosium	156-2	3	7	10	7	50.03	cps
Dysprosium	156-1	33	25	17	25	33.32	cps
Erbium	164-1	33	0	83	39	107.86	cps
Erbium	164-2	27	27	20	24	15.75	cps
Gadolinium	160-2	20	30	33	28	24.98	cps
Gadolinium	160-1	83	75	50	69	24.98	cps
Holmium	165-1	10373477	10510205	10437283	10440322	0.66	cps
Holmium	165-2	6494458	6498335	6519873	6504222	0.21	cps
Indium	115-2	2228878	2259841	2249717	2246145	0.70	cps
Indium	115-1	9226193	9234181	9220539	9226971	0.07	cps
Iron	56-2	17466	18380	17494	17780	2.92	cps
Iron	57-2	400	918	350	556	56.53	cps
Lead	206-1	2945	2817	2900	2887	2.25	cps
Lead	207-1	2650	2239	2528	2473	8.54	cps
Lead	208-1	11847	11069	11519	11478	3.40	cps
Lithium	6-1	990396	991053	986259	989236	0.26	cps
Magnesium	24-2	842	1234	983	1020	19.47	cps
Manganese	55-2	223	323	260	269	18.81	cps

LB Number : LB86522 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2017-03-22 16:43:37 DataFile Name : 012CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4009	5351	6135	5165	20.81	cps
Molybdenum	95-1	5918	7836	9895	7883	25.23	cps
Molybdenum	96-1	6252	8686	11038	8659	27.64	cps
Molybdenum	97-1	3901	4709	5826	4812	20.09	cps
Molybdenum	98-1	9420	12498	15376	12431	23.96	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	117	100	140	119	16.90	cps
Phosphorus	31-2	408	450	325	394	16.14	cps
Potassium	39-2	69438	69362	70928	69910	1.26	cps
Rhodium	103-1	8622243	8746253	8563046	8643847	1.08	cps
Rhodium	103-2	4543786	4574836	4578954	4565859	0.42	cps
Scandium	45-1	5567125	5554867	5586026	5569339	0.28	cps
Scandium	45-2	303331	309092	308345	306923	1.02	cps
Selenium	82-1	82	183	-64	67	185.98	cps
Selenium	77-2	3	13	7	8	65.47	cps
Selenium	78-2	183	257	278	240	20.75	cps
Silicon	28-1	1011073	1015572	1018175	1014940	0.35	cps
Silver	109-1	383	467	367	406	13.21	cps
Silver	107-1	392	517	408	439	15.47	cps
Sodium	23-2	71069	72586	69352	71002	2.28	cps
Strontium	86-1	4659	4484	4651	4598	2.15	cps
Strontium	88-1	1450	1500	1358	1436	5.00	cps
Sulfur	34-1	662496	663285	661216	662333	0.16	cps
Terbium	159-1	11031469	11083819	11121050	11078779	0.41	cps
Terbium	159-2	6613153	6609313	6531988	6584818	0.70	cps
Thallium	203-1	2017	2059	1850	1975	5.58	cps
Thallium	205-1	4334	4451	3967	4251	5.94	cps
Tin	118-1	4993	5010	6285	5429	13.65	cps
Titanium	47-1	267	217	200	228	15.23	cps
Uranium	238-1	1200	1467	1158	1275	13.12	cps
Vanadium	51-2	43	67	67	59	22.88	cps
Yttrium	89-1	9781009	9760146	9809294	9783483	0.25	cps
Yttrium	89-2	1749270	1752925	1753215	1751803	0.13	cps
Zinc	66-2	567	530	607	568	6.75	cps
Zirconium	90-1	1934	2300	2425	2220	11.51	cps

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 16:43:37	DataFile Name :	012CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	333	492	492	439	20.83	cps

LB Number : LB86522 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2017-03-22 16:47:10 DataFile Name : 013ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10510035	10413890	10475790	10466572	0.47	cps
Antimony	121-1	23963	25391	26008	25121	4.18	cps
Arsenic	75-2	317	313	320	317	1.17	cps
Barium	135-1	4901	4559	4134	4532	8.48	cps
Barium	137-1	7794	7752	7878	7808	0.82	cps
Beryllium	9-1	572	489	467	509	10.93	cps
Bismuth	209-2	4544035	4617718	4656968	4606240	1.24	cps
Bismuth	209-1	5903525	6020644	5924315	5949495	1.05	cps
Boron	10-1	1800	1583	1625	1670	6.89	cps
Boron	11-1	8478	8203	7794	8158	4.22	cps
Cadmium	111-1	3808	3739	3488	3678	4.57	cps
Cadmium	106-1	3526	3476	3267	3423	4.00	cps
Cadmium	108-1	2479	2379	2296	2385	3.85	cps
Calcium	43-1	3339694	3387656	3362320	3363223	0.71	cps
Calcium	44-1	54472353	54960718	55063282	54832118	0.58	cps
Chromium	52-2	82670	83485	83726	83294	0.66	cps
Cobalt	59-2	8189	8209	8142	8180	0.42	cps
Copper	63-2	39387	40175	39009	39524	1.51	cps
Dysprosium	156-2	27	17	23	22	22.91	cps
Dysprosium	156-1	75	42	58	58	28.57	cps
Erbium	164-1	108	83	50	81	36.33	cps
Erbium	164-2	73	57	23	51	49.82	cps
Gadolinium	160-2	93	53	67	71	28.65	cps
Gadolinium	160-1	108	108	83	100	14.43	cps
Holmium	165-1	10464223	10424392	10325190	10404602	0.69	cps
Holmium	165-2	6416876	6452018	6533031	6467308	0.92	cps
Indium	115-1	8981946	8988978	8976066	8982330	0.07	cps
Indium	115-2	2143895	2158766	2179658	2160773	0.83	cps
Iron	56-2	352486675	351675641	351397441	351853252	0.16	cps
Iron	57-2	8872098	8841772	8837842	8850571	0.21	cps
Lead	206-1	40362	39275	39637	39758	1.39	cps
Lead	207-1	31499	31376	31215	31363	0.45	cps
Lead	208-1	151700	149791	151060	150850	0.64	cps
Lithium	6-1	948569	949154	952668	950130	0.23	cps
Magnesium	24-2	25068214	24661140	24863577	24864310	0.82	cps
Manganese	55-2	20288	20431	20888	20536	1.53	cps

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 16:47:10	DataFile Name :	013ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6832574	6836901	6779707	6816394	0.47	cps
Molybdenum	95-1	11906866	12006362	11987668	11966965	0.44	cps
Molybdenum	96-1	12589277	12685298	12612357	12628977	0.40	cps
Molybdenum	97-1	7537982	7505164	7501172	7514773	0.27	cps
Molybdenum	98-1	19560683	19728093	19712746	19667174	0.47	cps
Neodymium	150-1	67	60	73	67	10.00	cps
Neodymium	150-2	33	17	27	26	32.81	cps
Nickel	60-2	9783	9867	10184	9945	2.12	cps
Phosphorus	31-2	663757	660008	662766	662177	0.29	cps
Potassium	39-2	31752024	31303573	31511385	31522327	0.71	cps
Rhodium	103-1	8206201	8251543	8217185	8224976	0.29	cps
Rhodium	103-2	4295337	4305069	4376927	4325778	1.03	cps
Scandium	45-2	301981	301510	304685	302725	0.57	cps
Scandium	45-1	5438244	5502681	5516685	5485870	0.76	cps
Selenium	82-1	193	118	387	233	59.60	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	244	233	248	242	3.19	cps
Silicon	28-1	1158031	1162424	1165194	1161883	0.31	cps
Silver	109-1	1867	2017	2125	2003	6.48	cps
Silver	107-1	1675	2359	2117	2050	16.90	cps
Sodium	23-2	48328315	48505830	48192399	48342181	0.33	cps
Strontium	88-1	1158400	1159508	1164959	1160956	0.30	cps
Strontium	86-1	135300	138639	138294	137411	1.34	cps
Sulfur	34-1	4450042	4443913	4435623	4443193	0.16	cps
Terbium	159-1	10953093	11018427	10927762	10966427	0.43	cps
Terbium	159-2	6416518	6417531	6602484	6478844	1.65	cps
Thallium	203-1	2359	2325	2517	2400	4.27	cps
Thallium	205-1	5460	5718	5560	5579	2.34	cps
Tin	118-1	3801	4176	4551	4176	8.98	cps
Titanium	47-1	3209302	3257915	3235149	3234122	0.75	cps
Uranium	238-1	1475	1217	1358	1350	9.58	cps
Vanadium	51-2	727	553	643	641	13.52	cps
Yttrium	89-1	9745459	9738967	9740293	9741573	0.04	cps
Yttrium	89-2	1727582	1727064	1750815	1735154	0.78	cps
Zinc	66-2	9236	9403	9100	9246	1.64	cps
Zirconium	90-1	4684	4709	4776	4723	1.00	cps

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 16:47:10	DataFile Name :	013ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1142	1108	1200	1150	4.03	cps

LB Number : LB86522 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P7
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2017-03-22 16:50:40 DataFile Name : 014ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10466414	10438020	10520124	10474852	0.40	cps
Antimony	121-1	274521	276438	274681	275213	0.39	cps
Arsenic	75-2	11568	11516	11290	11458	1.29	cps
Barium	135-1	63236	62416	62709	62787	0.66	cps
Barium	137-1	110295	109900	107119	109105	1.59	cps
Beryllium	9-1	31734	29885	31773	31131	3.46	cps
Bismuth	209-1	5871168	5947740	5932357	5917088	0.68	cps
Bismuth	209-2	4592062	4629586	4600425	4607357	0.43	cps
Boron	10-1	11255	11396	11321	11324	0.63	cps
Boron	11-1	58531	59845	59543	59306	1.16	cps
Cadmium	106-1	11630	11172	11238	11347	2.18	cps
Cadmium	108-1	7331	7131	7298	7253	1.48	cps
Cadmium	111-1	62367	63860	62283	62837	1.41	cps
Calcium	43-1	3382080	3397581	3373162	3384274	0.37	cps
Calcium	44-1	55361664	55615193	55069014	55348623	0.49	cps
Chromium	52-2	165716	166292	167445	166485	0.53	cps
Cobalt	59-2	146661	147600	146214	146825	0.48	cps
Copper	63-2	140140	140100	140867	140369	0.31	cps
Dysprosium	156-2	43	33	27	34	24.35	cps
Dysprosium	156-1	58	58	67	61	7.87	cps
Erbium	164-1	100	67	125	97	30.10	cps
Erbium	164-2	57	47	33	46	25.70	cps
Gadolinium	160-2	73	70	80	74	6.84	cps
Gadolinium	160-1	125	125	92	114	16.90	cps
Holmium	165-1	10385731	10505827	10494268	10461942	0.63	cps
Holmium	165-2	6512916	6662565	6590534	6588672	1.14	cps
Indium	115-2	2158521	2148404	2154918	2153948	0.24	cps
Indium	115-1	8888772	9216503	9080267	9061847	1.82	cps
Iron	56-2	353270686	350414652	350333197	351339512	0.48	cps
Iron	57-2	8812985	8803010	8865760	8827252	0.38	cps
Lead	206-1	199281	199418	200011	199570	0.19	cps
Lead	207-1	166463	169709	166404	167526	1.13	cps
Lead	208-1	775644	777045	774780	775823	0.15	cps
Lithium	6-1	947369	955326	959586	954094	0.65	cps
Magnesium	24-2	24781186	24710740	24930058	24807328	0.45	cps
Manganese	55-2	69359	69704	69453	69506	0.26	cps

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 16:50:40	DataFile Name :	014ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7469265	7364614	7445470	7426450	0.74	cps
Molybdenum	95-1	12268007	12335773	12221227	12275002	0.47	cps
Molybdenum	96-1	13218267	13379353	13130709	13242776	0.95	cps
Molybdenum	97-1	7821001	7781765	7750866	7784544	0.45	cps
Molybdenum	98-1	20276040	20507894	20389480	20391138	0.57	cps
Neodymium	150-1	60	60	93	71	27.07	cps
Neodymium	150-2	17	33	17	22	43.28	cps
Nickel	60-2	46390	46296	46233	46306	0.17	cps
Phosphorus	31-2	657035	656403	654182	655873	0.23	cps
Potassium	39-2	31569307	31494889	31647697	31570631	0.24	cps
Rhodium	103-2	4352137	4356622	4335862	4348207	0.25	cps
Rhodium	103-1	8203755	8330528	8336382	8290222	0.90	cps
Scandium	45-1	5617376	5616993	5592325	5608898	0.26	cps
Scandium	45-2	302177	304102	304717	303665	0.44	cps
Selenium	77-2	177	230	237	214	15.34	cps
Selenium	78-2	893	950	932	925	3.17	cps
Selenium	82-1	3770	3983	3575	3776	5.39	cps
Silicon	28-1	1534708	1534715	1536393	1535272	0.06	cps
Silver	109-1	267545	266582	268475	267534	0.35	cps
Silver	107-1	284010	281101	285801	283637	0.84	cps
Sodium	23-2	47785202	48148480	47780983	47904889	0.44	cps
Strontium	86-1	338329	337884	335469	337227	0.46	cps
Strontium	88-1	2868189	2892279	2890315	2883594	0.46	cps
Sulfur	34-1	4471476	4507411	4473983	4484290	0.45	cps
Terbium	159-1	10947079	11079723	11150432	11059078	0.93	cps
Terbium	159-2	6501794	6540461	6650405	6564220	1.17	cps
Thallium	203-1	201671	199584	201124	200793	0.54	cps
Thallium	205-1	471550	477532	477042	475375	0.70	cps
Tin	118-1	477106	484855	482475	481478	0.82	cps
Titanium	47-1	3352198	3379099	3353222	3361506	0.45	cps
Uranium	238-1	1458104	1455735	1459144	1457661	0.12	cps
Vanadium	51-2	69935	70113	71901	70649	1.54	cps
Yttrium	89-2	1736112	1740372	1733532	1736672	0.20	cps
Yttrium	89-1	9832908	9920744	9950682	9901445	0.62	cps
Zinc	66-2	24000	23923	23529	23817	1.06	cps
Zirconium	90-1	1056994	1065717	1056993	1059901	0.48	cps

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 16:50:40	DataFile Name :	014ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	235916	232170	232596	233561	0.88	cps

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P7
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 16:54:09	DataFile Name :	015CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1111607	1127068	1121348	1120008	0.70	cps
Antimony	121-1	6413698	6093604	6094428	6200577	2.98	cps
Arsenic	75-2	283563	287516	284693	285257	0.71	cps
Barium	135-1	7581239	7627940	7606016	7605065	0.31	cps
Barium	137-1	12977779	12968654	13044808	12997080	0.32	cps
Beryllium	9-1	778391	783674	783720	781928	0.39	cps
Bismuth	209-1	6239974	6281762	6273629	6265122	0.35	cps
Bismuth	209-2	4793942	4843662	4815002	4817535	0.52	cps
Boron	10-1	102371	104451	103418	103413	1.01	cps
Boron	11-1	527344	532450	533982	531258	0.65	cps
Cadmium	108-1	113126	113265	112005	112799	0.61	cps
Cadmium	111-1	1533324	1550455	1536075	1539951	0.60	cps
Cadmium	106-1	171611	173696	170178	171828	1.03	cps
Calcium	43-1	1759943	1750196	1746273	1752138	0.40	cps
Calcium	44-1	28538562	28226495	28489903	28418320	0.59	cps
Chromium	52-2	2156885	2188104	2172943	2172644	0.72	cps
Cobalt	59-2	3531412	3601697	3559943	3564351	0.99	cps
Copper	63-2	5099451	5140800	5111361	5117204	0.42	cps
Dysprosium	156-2	30	40	27	32	21.53	cps
Dysprosium	156-1	183	125	142	150	20.03	cps
Erbium	164-1	108	92	50	83	36.06	cps
Erbium	164-2	47	47	27	40	28.87	cps
Gadolinium	160-2	73	37	70	60	33.79	cps
Gadolinium	160-1	217	92	100	136	51.35	cps
Holmium	165-1	10565811	10685097	10575251	10608720	0.63	cps
Holmium	165-2	6527415	6644334	6586758	6586169	0.89	cps
Indium	115-2	2180732	2203314	2195834	2193293	0.52	cps
Indium	115-1	9235726	9258746	9177286	9223919	0.46	cps
Iron	56-2	91040396	92241669	93042991	92108352	1.09	cps
Iron	57-2	2214557	2243546	2237722	2231942	0.69	cps
Lead	206-1	4050787	4091330	4063105	4068407	0.51	cps
Lead	207-1	3706965	3734450	3752066	3731160	0.61	cps
Lead	208-1	16929007	17045346	16891997	16955450	0.47	cps
Lithium	6-1	965314	965382	963715	964804	0.10	cps
Magnesium	24-2	13320603	13465610	13297502	13361238	0.68	cps
Manganese	55-2	2466072	2521552	2499672	2495765	1.12	cps

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P7
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 16:54:09	DataFile Name :	015CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5924572	5972141	5955398	5950703	0.41	cps
Molybdenum	95-1	3050004	3069552	3054642	3058066	0.33	cps
Molybdenum	96-1	3917134	3948841	3938950	3934975	0.41	cps
Molybdenum	97-1	1905390	1906975	1918392	1910253	0.37	cps
Molybdenum	98-1	4958998	4915324	4929749	4934690	0.45	cps
Neodymium	150-1	440	380	387	402	8.18	cps
Neodymium	150-2	43	40	73	52	35.15	cps
Nickel	60-2	942011	950443	941139	944531	0.54	cps
Phosphorus	31-2	68709	68718	69094	68840	0.32	cps
Potassium	39-2	8220859	8504507	8414787	8380051	1.73	cps
Rhodium	103-1	8463328	8558074	8494675	8505359	0.57	cps
Rhodium	103-2	4470100	4493917	4457410	4473809	0.41	cps
Scandium	45-2	305259	310989	310533	308927	1.03	cps
Scandium	45-1	5611263	5627208	5617921	5618797	0.14	cps
Selenium	82-1	93495	93046	93115	93219	0.26	cps
Selenium	77-2	5244	5461	5221	5309	2.49	cps
Selenium	78-2	18289	18681	18117	18362	1.57	cps
Silicon	28-1	3837851	3839935	3882564	3853450	0.65	cps
Silver	107-1	7905814	7885919	7896998	7896244	0.13	cps
Silver	109-1	7567217	7614220	7599149	7593529	0.32	cps
Sodium	23-2	25179464	25213293	25140271	25177676	0.15	cps
Strontium	86-1	2102164	2104935	2093356	2100151	0.29	cps
Strontium	88-1	18506238	18494707	18481097	18494014	0.07	cps
Sulfur	34-1	1152133	1156801	1148720	1152551	0.35	cps
Terbium	159-1	11152189	11264875	11098138	11171734	0.76	cps
Terbium	159-2	6722723	6593297	6702744	6672922	1.04	cps
Thallium	203-1	5176235	5221353	5216458	5204682	0.48	cps
Thallium	205-1	12574439	12613043	12518540	12568674	0.38	cps
Tin	118-1	5008012	5055859	5091254	5051708	0.83	cps
Titanium	47-1	854397	850744	847625	850922	0.40	cps
Uranium	238-1	16006984	16313833	16134024	16151613	0.95	cps
Vanadium	51-2	1813808	1840438	1821871	1825372	0.75	cps
Yttrium	89-1	10027492	10102927	10004798	10045072	0.51	cps
Yttrium	89-2	1740134	1762369	1748116	1750206	0.64	cps
Zinc	66-2	712385	725708	719623	719239	0.93	cps
Zirconium	90-1	11188209	11289677	11191072	11222986	0.51	cps

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P7
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 16:54:09	DataFile Name :	015CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2421509	2429066	2427530	2426035	0.16	cps

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	CCB22	Instrumnet Name :	P7
Client Sample ID :	CCB22	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 16:57:36	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	217	192	142	183	20.83	cps
Antimony	121-1	28012	31411	34143	31189	9.85	cps
Arsenic	75-2	400	420	431	417	3.83	cps
Barium	135-1	583	708	583	625	11.55	cps
Barium	137-1	1067	1092	925	1028	8.75	cps
Beryllium	9-1	150	189	211	183	16.87	cps
Bismuth	209-2	4905575	4887767	4955151	4916164	0.71	cps
Bismuth	209-1	6365110	6409709	6284752	6353190	1.00	cps
Boron	10-1	2417	2250	1892	2186	12.27	cps
Boron	11-1	12673	11513	10120	11435	11.17	cps
Cadmium	106-1	3351	3451	3867	3556	7.71	cps
Cadmium	108-1	29	29	29	29	0.00	cps
Cadmium	111-1	2487	2520	2799	2602	6.59	cps
Calcium	43-1	1183	1242	1042	1156	8.90	cps
Calcium	44-1	37407	37616	37240	37421	0.50	cps
Chromium	52-2	1093	1107	913	1038	10.40	cps
Cobalt	59-2	180	160	140	160	12.50	cps
Copper	63-2	1693	1597	1627	1639	3.02	cps
Dysprosium	156-1	0	0	25	8	173.21	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-2	20	10	20	17	34.64	cps
Erbium	164-1	33	50	50	44	21.66	cps
Gadolinium	160-1	75	108	75	86	22.35	cps
Gadolinium	160-2	53	43	17	38	50.16	cps
Holmium	165-2	6465801	6459032	6446427	6457087	0.15	cps
Holmium	165-1	10652284	10572830	10513807	10579640	0.66	cps
Indium	115-2	2219389	2211439	2222816	2217881	0.26	cps
Indium	115-1	9249255	9405812	9325002	9326690	0.84	cps
Iron	56-2	20577	19658	19280	19838	3.36	cps
Iron	57-2	461	528	400	463	13.80	cps
Lead	206-1	2056	1795	2189	2013	9.97	cps
Lead	207-1	1661	1850	1672	1728	6.14	cps
Lead	208-1	8123	7907	8029	8020	1.35	cps
Lithium	6-1	959708	961530	955185	958808	0.34	cps
Magnesium	24-2	942	967	1042	983	5.29	cps
Manganese	55-2	363	283	257	301	18.44	cps

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	CCB22	Instrumnet Name :	P7
Client Sample ID :	CCB22	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 16:57:36	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5401	7202	8253	6952	20.74	cps
Molybdenum	95-1	8153	10529	13057	10580	23.18	cps
Molybdenum	96-1	8978	12005	14758	11914	24.27	cps
Molybdenum	97-1	5126	6577	8403	6702	24.50	cps
Molybdenum	98-1	13524	17144	21926	17531	24.04	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Nickel	60-2	153	133	133	140	8.25	cps
Phosphorus	31-2	392	350	317	353	10.65	cps
Potassium	39-2	69463	68299	68944	68902	0.85	cps
Rhodium	103-2	4585317	4592228	4575473	4584339	0.18	cps
Rhodium	103-1	8665552	8836267	8691750	8731190	1.05	cps
Scandium	45-1	5543271	5575660	5504874	5541268	0.64	cps
Scandium	45-2	300166	300356	303239	301254	0.57	cps
Selenium	77-2	3	13	3	7	86.65	cps
Selenium	78-2	250	261	250	254	2.53	cps
Selenium	82-1	157	369	391	306	42.25	cps
Silicon	28-1	1005103	1008577	1002005	1005229	0.33	cps
Silver	107-1	1133	1458	1233	1275	13.06	cps
Silver	109-1	1308	1042	1075	1142	12.73	cps
Sodium	23-2	60715	58858	58389	59321	2.07	cps
Strontium	86-1	5018	4909	4701	4876	3.30	cps
Strontium	88-1	2067	1900	1625	1864	11.97	cps
Sulfur	34-1	604010	609523	607676	607070	0.46	cps
Terbium	159-1	11140139	11131445	11023231	11098272	0.59	cps
Terbium	159-2	6653223	6524601	6645298	6607707	1.09	cps
Thallium	203-1	2017	1842	1925	1928	4.54	cps
Thallium	205-1	5260	4584	4176	4673	11.71	cps
Tin	118-1	4810	5501	6293	5535	13.41	cps
Titanium	47-1	233	267	358	286	22.62	cps
Uranium	238-1	1283	1150	1092	1175	8.36	cps
Vanadium	51-2	87	63	100	83	22.27	cps
Yttrium	89-2	1734467	1734976	1739625	1736356	0.16	cps
Yttrium	89-1	9833581	9851257	9861599	9848813	0.14	cps
Zinc	66-2	493	447	420	453	8.19	cps
Zirconium	90-1	2025	2234	2659	2306	14.00	cps

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	CCB22	Instrumnet Name :	P7
Client Sample ID :	CCB22	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 16:57:36	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	358	542	625	508	26.84	cps

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 17:01:08	DataFile Name :	017SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2409	2309	2259	2325	3.29	cps
Antimony	121-1	33015	33959	34928	33967	2.82	cps
Arsenic	75-2	659	696	693	683	2.99	cps
Barium	135-1	28246	28104	26092	27481	4.38	cps
Barium	137-1	48611	49280	48570	48820	0.82	cps
Beryllium	9-1	1739	1617	1500	1619	7.38	cps
Bismuth	209-2	4911556	4920846	4938136	4923513	0.27	cps
Bismuth	209-1	6356837	6393488	6380352	6376892	0.29	cps
Boron	10-1	2050	2175	2142	2122	3.05	cps
Boron	11-1	10696	11138	10971	10935	2.04	cps
Cadmium	106-1	3534	3726	3851	3703	4.31	cps
Cadmium	108-1	263	208	242	238	11.50	cps
Cadmium	111-1	5307	5504	5464	5425	1.92	cps
Calcium	43-1	17344	17644	17352	17447	0.98	cps
Calcium	44-1	295721	299459	300411	298530	0.83	cps
Chromium	52-2	9623	9537	9663	9608	0.67	cps
Cobalt	59-2	7165	6872	6895	6977	2.34	cps
Copper	63-2	11061	11391	11952	11468	3.93	cps
Dysprosium	156-2	3	10	0	4	114.60	cps
Dysprosium	156-1	42	0	8	17	132.30	cps
Erbium	164-1	83	58	42	61	34.32	cps
Erbium	164-2	20	43	23	29	43.68	cps
Gadolinium	160-1	83	67	83	78	12.37	cps
Gadolinium	160-2	30	27	57	38	43.52	cps
Holmium	165-1	10589914	10555202	10764064	10636393	1.05	cps
Holmium	165-2	6519878	6525869	6507180	6517642	0.15	cps
Indium	115-2	2227934	2235446	2238305	2233895	0.24	cps
Indium	115-1	9350023	9426181	9346958	9374387	0.48	cps
Iron	56-2	185451	186082	187665	186399	0.61	cps
Iron	57-2	4695	4473	4668	4612	2.63	cps
Lead	206-1	9487	9759	9559	9602	1.47	cps
Lead	207-1	8459	8659	8720	8612	1.59	cps
Lead	208-1	38679	38934	38857	38823	0.34	cps
Lithium	6-1	966238	976078	962095	968137	0.74	cps
Magnesium	24-2	126052	128320	126581	126984	0.93	cps
Manganese	55-2	2624	2517	2630	2590	2.46	cps

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 17:01:08	DataFile Name :	017SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	20374	20231	20282	20296	0.36	cps
Molybdenum	98-1	51326	52105	53761	52397	2.37	cps
Molybdenum	94-1	24464	25490	26217	25390	3.47	cps
Molybdenum	95-1	31244	32814	32697	32252	2.71	cps
Molybdenum	96-1	33674	35738	38595	36002	6.86	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Nickel	60-2	1997	1893	1940	1943	2.66	cps
Phosphorus	31-2	550	525	458	511	9.27	cps
Potassium	39-2	220150	220272	216602	219008	0.95	cps
Rhodium	103-1	8693257	8772010	8746817	8737361	0.46	cps
Rhodium	103-2	4570335	4592306	4566584	4576408	0.30	cps
Scandium	45-1	5539594	5544682	5567867	5550714	0.27	cps
Scandium	45-2	303640	300487	304099	302742	0.65	cps
Selenium	82-1	1093	1233	1062	1130	8.04	cps
Selenium	77-2	60	57	57	58	3.33	cps
Selenium	78-2	470	417	370	419	11.94	cps
Silicon	28-1	1034555	1034209	1037521	1035428	0.18	cps
Silver	107-1	27285	27143	26785	27071	0.95	cps
Silver	109-1	25557	25090	25365	25337	0.93	cps
Sodium	23-2	291310	290516	293686	291837	0.57	cps
Strontium	86-1	8453	8503	8595	8517	0.84	cps
Strontium	88-1	34710	35512	34793	35005	1.26	cps
Sulfur	34-1	612481	616551	615819	614951	0.35	cps
Terbium	159-2	6665585	6512784	6511673	6563347	1.35	cps
Terbium	159-1	11215823	11183350	11307789	11235654	0.57	cps
Thallium	203-1	11172	11188	10871	11077	1.61	cps
Thallium	205-1	26093	25718	26778	26196	2.05	cps
Tin	118-1	49898	50450	51244	50531	1.34	cps
Titanium	47-1	8253	8686	8403	8447	2.61	cps
Uranium	238-1	30320	31289	31473	31027	2.00	cps
Vanadium	51-2	17297	17307	16846	17150	1.53	cps
Yttrium	89-1	9972515	9974484	9943497	9963498	0.17	cps
Yttrium	89-2	1732397	1739073	1723711	1731727	0.44	cps
Zinc	66-2	1673	1673	1803	1717	4.37	cps
Zirconium	90-1	20557	19848	19748	20051	2.20	cps

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 17:01:08	DataFile Name :	017SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4534	4451	4243	4409	3.41	cps

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	PB 5PPM	Instrumnet Name :	P7
Client Sample ID :	PB 5PPM	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 17:04:40	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125	83	192	133	40.98	cps
Antimony	121-1	4768	6177	5576	5507	12.84	cps
Arsenic	75-2	98	111	156	122	24.76	cps
Barium	135-1	325	258	433	339	26.06	cps
Barium	137-1	592	533	608	578	6.82	cps
Beryllium	9-1	106	117	56	93	35.15	cps
Bismuth	209-2	4885430	4881275	4926708	4897804	0.51	cps
Bismuth	209-1	6292120	6354520	6394300	6346980	0.81	cps
Boron	10-1	867	625	825	772	16.73	cps
Boron	11-1	4551	4793	4442	4595	3.90	cps
Cadmium	106-1	3125	3259	3592	3326	7.23	cps
Cadmium	108-1	29	17	13	19	44.61	cps
Cadmium	111-1	2217	2345	2556	2373	7.21	cps
Calcium	43-1	1117	1067	992	1058	5.94	cps
Calcium	44-1	34132	33406	33857	33798	1.08	cps
Chromium	52-2	1297	1310	1543	1383	10.03	cps
Cobalt	59-2	600	553	563	572	4.29	cps
Copper	63-2	2280	2300	2220	2267	1.84	cps
Dysprosium	156-1	17	8	25	17	50.01	cps
Dysprosium	156-2	0	13	3	6	124.93	cps
Erbium	164-2	30	13	17	20	44.10	cps
Erbium	164-1	17	50	17	28	69.27	cps
Gadolinium	160-1	83	100	75	86	14.79	cps
Gadolinium	160-2	23	43	43	37	31.49	cps
Holmium	165-2	6634994	6501197	6496289	6544160	1.20	cps
Holmium	165-1	10527080	10503696	10653489	10561422	0.76	cps
Indium	115-2	2182059	2202705	2206051	2196938	0.59	cps
Indium	115-1	9279209	9200815	9261625	9247216	0.44	cps
Iron	56-2	13034	12739	13084	12952	1.44	cps
Iron	57-2	272	272	272	272	0.00	cps
Lead	206-1	42510218	43139488	43558118	43069275	1.22	cps
Lead	207-1	39150312	39021036	39843973	39338440	1.12	cps
Lead	208-1	175256754	177275882	179315173	177282603	1.14	cps
Lithium	6-1	967126	969149	976368	970881	0.50	cps
Magnesium	24-2	633	542	700	625	12.72	cps
Manganese	55-2	457	467	460	461	1.10	cps

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	PB 5PPM	Instrumnet Name :	P7
Client Sample ID :	PB 5PPM	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 17:04:40	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1975	2275	3259	2503	26.83	cps
Molybdenum	95-1	2767	3476	3967	3403	17.73	cps
Molybdenum	96-1	3059	3492	4384	3645	18.54	cps
Molybdenum	97-1	1725	2167	2609	2167	20.39	cps
Molybdenum	98-1	4409	5360	6693	5487	20.91	cps
Neodymium	150-1	7	13	13	11	34.61	cps
Neodymium	150-2	0	3	10	4	114.60	cps
Nickel	60-2	177	193	243	204	16.97	cps
Phosphorus	31-2	392	342	442	392	12.77	cps
Potassium	39-2	67848	67363	68860	68024	1.12	cps
Rhodium	103-2	4544491	4567729	4534071	4548764	0.38	cps
Rhodium	103-1	8667710	8683538	8800686	8717311	0.83	cps
Scandium	45-1	5561629	5539746	5556278	5552551	0.21	cps
Scandium	45-2	300927	302117	300888	301311	0.23	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	200	248	252	233	12.40	cps
Selenium	82-1	-68	-8	105	10	877.11	cps
Silicon	28-1	1006159	1002216	1009291	1005889	0.35	cps
Silver	109-1	617	600	583	600	2.78	cps
Silver	107-1	700	717	525	647	16.41	cps
Sodium	23-2	50018	49750	51121	50296	1.44	cps
Strontium	86-1	4909	4626	4509	4682	4.40	cps
Strontium	88-1	2884	2734	2684	2767	3.76	cps
Sulfur	34-1	627681	627415	629700	628265	0.20	cps
Terbium	159-1	11276023	11166235	11229332	11223863	0.49	cps
Terbium	159-2	6647861	6628529	6610041	6628810	0.29	cps
Thallium	203-1	1033	950	1225	1070	13.19	cps
Thallium	205-1	2309	2459	2759	2509	9.14	cps
Tin	118-1	2284	2392	2634	2436	7.36	cps
Titanium	47-1	208	292	183	228	24.90	cps
Uranium	238-1	192	225	242	219	11.60	cps
Vanadium	51-2	63	63	93	73	23.63	cps
Yttrium	89-1	9944486	9953087	9889420	9928998	0.35	cps
Yttrium	89-2	1728736	1727416	1724673	1726942	0.12	cps
Zinc	66-2	457	470	520	482	6.92	cps
Zirconium	90-1	1442	1333	1500	1425	5.94	cps

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	PB 5PPM	Instrumnet Name :	P7
Client Sample ID :	PB 5PPM	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 17:04:40	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	258	400	275	311	24.89	cps

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	PB 10PPM	Instrumnet Name :	P7
Client Sample ID :	PB 10PPM	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 17:08:11	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	242	217	158	206	20.80	cps
Antimony	121-1	3484	3576	4076	3712	8.58	cps
Arsenic	75-2	81	94	102	93	11.14	cps
Barium	135-1	158	217	150	175	20.76	cps
Barium	137-1	292	383	308	328	14.90	cps
Beryllium	9-1	122	100	50	91	40.77	cps
Bismuth	209-1	6482179	6459139	6480882	6474067	0.20	cps
Bismuth	209-2	4886021	4898736	4908795	4897851	0.23	cps
Boron	10-1	642	700	817	719	12.39	cps
Boron	11-1	3184	3592	3776	3517	8.61	cps
Cadmium	106-1	3234	3309	3067	3203	3.86	cps
Cadmium	108-1	13	42	4	19	101.26	cps
Cadmium	111-1	2338	2333	2207	2293	3.25	cps
Calcium	43-1	992	950	1058	1000	5.46	cps
Calcium	44-1	32846	33364	33631	33280	1.20	cps
Chromium	52-2	2234	2187	1984	2135	6.23	cps
Cobalt	59-2	1330	1347	1487	1388	6.20	cps
Copper	63-2	3644	3474	3400	3506	3.56	cps
Dysprosium	156-2	17	7	7	10	57.72	cps
Dysprosium	156-1	25	25	25	25	0.00	cps
Erbium	164-1	8	17	33	19	65.47	cps
Erbium	164-2	10	17	17	14	26.66	cps
Gadolinium	160-2	47	13	40	33	52.92	cps
Gadolinium	160-1	75	100	67	81	21.53	cps
Holmium	165-2	6452031	6499700	6617638	6523123	1.31	cps
Holmium	165-1	10871304	10789893	10663310	10774836	0.97	cps
Indium	115-1	9314805	9351483	9255183	9307157	0.52	cps
Indium	115-2	2173941	2185392	2185603	2181645	0.31	cps
Iron	56-2	16387	15998	17124	16503	3.46	cps
Iron	57-2	344	439	306	363	18.89	cps
Lead	206-1	87754044	87778621	88677405	88070023	0.60	cps
Lead	207-1	81206107	80536288	79635018	80459138	0.98	cps
Lead	208-1	363402811	359464630	362262233	361709891	0.56	cps
Lithium	6-1	983796	981642	980840	982093	0.16	cps
Magnesium	24-2	892	875	833	867	3.47	cps
Manganese	55-2	747	717	750	738	2.49	cps

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	PB 10PPM	Instrumnet Name :	P7
Client Sample ID :	PB 10PPM	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 17:08:11	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2200	2334	2750	2428	11.82	cps
Molybdenum	95-1	3092	3251	3609	3317	7.98	cps
Molybdenum	96-1	3534	3734	4551	3940	13.67	cps
Molybdenum	97-1	2017	2217	2992	2409	21.39	cps
Molybdenum	98-1	5426	5760	6085	5757	5.72	cps
Neodymium	150-1	13	0	13	9	86.60	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	447	423	390	420	6.78	cps
Phosphorus	31-2	425	375	383	394	6.79	cps
Potassium	39-2	66467	67436	65655	66519	1.34	cps
Rhodium	103-2	4525050	4520460	4513825	4519778	0.12	cps
Rhodium	103-1	8759356	8767056	8840292	8788902	0.51	cps
Scandium	45-1	5618652	5538768	5556415	5571279	0.75	cps
Scandium	45-2	296763	297511	296706	296993	0.15	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	213	213	204	210	2.55	cps
Selenium	82-1	123	206	205	178	26.87	cps
Silicon	28-1	1006772	1009495	1014029	1010099	0.36	cps
Silver	109-1	650	650	558	619	8.54	cps
Silver	107-1	808	683	658	717	11.21	cps
Sodium	23-2	47869	47878	49089	48279	1.45	cps
Strontium	86-1	4934	4793	5034	4921	2.47	cps
Strontium	88-1	4468	5184	4593	4748	8.07	cps
Sulfur	34-1	632818	631697	639865	634794	0.70	cps
Terbium	159-1	11337079	11210209	11346686	11297991	0.67	cps
Terbium	159-2	6443441	6620764	6431619	6498608	1.63	cps
Thallium	203-1	1208	1458	1392	1353	9.57	cps
Thallium	205-1	3467	3276	3234	3326	3.74	cps
Tin	118-1	2117	2325	2409	2284	6.58	cps
Titanium	47-1	292	225	325	281	18.15	cps
Uranium	238-1	775	742	742	753	2.56	cps
Vanadium	51-2	123	110	100	111	10.54	cps
Yttrium	89-2	1702298	1711633	1702323	1705418	0.32	cps
Yttrium	89-1	9970515	9928077	9873763	9924118	0.49	cps
Zinc	66-2	693	677	733	701	4.15	cps
Zirconium	90-1	1117	1283	1233	1211	7.06	cps

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	PB 10PPM	Instrumnet Name :	P7
Client Sample ID :	PB 10PPM	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 17:08:11	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	225	158	258	214	23.81	cps

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	PB 20PPM	Instrumnet Name :	P7
Client Sample ID :	PB 20PPM	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 17:11:44	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	333	325	283	314	8.53	cps
Antimony	121-1	2709	3159	3659	3176	14.97	cps
Arsenic	75-2	93	102	120	105	13.48	cps
Barium	135-1	308	283	358	317	12.06	cps
Barium	137-1	592	683	575	617	9.46	cps
Beryllium	9-1	94	117	78	96	20.26	cps
Bismuth	209-2	4904796	4901341	4902291	4902809	0.04	cps
Bismuth	209-1	6473525	6631320	6610883	6571909	1.31	cps
Boron	10-1	525	633	700	619	14.26	cps
Boron	11-1	3134	2900	2909	2981	4.44	cps
Cadmium	106-1	3250	3309	3651	3403	6.35	cps
Cadmium	108-1	17	33	21	24	36.73	cps
Cadmium	111-1	2372	2397	2678	2482	6.85	cps
Calcium	44-1	36621	36781	36062	36488	1.03	cps
Calcium	43-1	1233	1100	1025	1120	9.43	cps
Chromium	52-2	2720	2687	2617	2675	1.97	cps
Cobalt	59-2	1907	1847	1880	1878	1.60	cps
Copper	63-2	5328	5471	5598	5466	2.47	cps
Dysprosium	156-2	7	10	20	12	56.76	cps
Dysprosium	156-1	42	58	42	47	20.38	cps
Erbium	164-1	33	17	33	28	34.63	cps
Erbium	164-2	23	20	17	20	16.65	cps
Gadolinium	160-2	70	43	13	42	67.15	cps
Gadolinium	160-1	75	75	92	81	11.95	cps
Holmium	165-2	6464211	6409028	6389366	6420869	0.60	cps
Holmium	165-1	10712929	10712859	10840715	10755501	0.69	cps
Indium	115-2	2161275	2168994	2159809	2163359	0.23	cps
Indium	115-1	9339890	9444695	9416240	9400275	0.58	cps
Iron	56-2	18946	18317	18907	18724	1.88	cps
Iron	57-2	400	406	483	430	10.85	cps
Lead	206-1	178069582	176008826	179528304	177868904	0.99	cps
Lead	207-1	162878554	165443259	163504787	163942200	0.82	cps
Lead	208-1	733301966	732942361	739532678	735259002	0.50	cps
Lithium	6-1	979874	989604	988987	986155	0.55	cps
Magnesium	24-2	1275	1258	1158	1231	5.13	cps
Manganese	55-2	1407	1213	1327	1316	7.38	cps

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	PB 20PPM	Instrumnet Name :	P7
Client Sample ID :	PB 20PPM	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2734	3075	3284	3031	9.16	cps
Molybdenum	95-1	4309	4484	4926	4573	6.95	cps
Molybdenum	96-1	4284	5059	4951	4765	8.81	cps
Molybdenum	97-1	2850	3151	2809	2937	6.35	cps
Molybdenum	98-1	6810	6960	7294	7021	3.53	cps
Neodymium	150-1	13	13	0	9	86.60	cps
Neodymium	150-2	0	0	13	4	173.21	cps
Nickel	60-2	540	557	557	551	1.75	cps
Phosphorus	31-2	458	342	350	383	16.98	cps
Potassium	39-2	64441	63922	64842	64402	0.72	cps
Rhodium	103-2	4481011	4486982	4496357	4488117	0.17	cps
Rhodium	103-1	8805429	8863379	8795410	8821406	0.42	cps
Scandium	45-1	5528476	5577688	5525806	5543990	0.53	cps
Scandium	45-2	290999	296444	291679	293041	1.01	cps
Selenium	77-2	3	7	0	3	100.05	cps
Selenium	78-2	243	215	200	219	9.87	cps
Selenium	82-1	81	113	74	90	23.12	cps
Silicon	28-1	993587	994162	995824	994524	0.12	cps
Silver	107-1	892	933	1042	956	8.10	cps
Silver	109-1	942	900	908	917	2.41	cps
Sodium	23-2	46548	47660	46323	46844	1.53	cps
Strontium	86-1	5785	5393	5185	5454	5.59	cps
Strontium	88-1	8828	8786	8745	8786	0.47	cps
Sulfur	34-1	642044	650562	650562	647723	0.76	cps
Terbium	159-2	6407874	6638466	6644844	6563728	2.06	cps
Terbium	159-1	11234353	11316963	11482592	11344636	1.11	cps
Thallium	203-1	2075	1975	2142	2064	4.06	cps
Thallium	205-1	5243	5160	5001	5135	2.39	cps
Tin	118-1	2050	2000	2234	2095	5.87	cps
Titanium	47-1	250	342	358	317	18.42	cps
Uranium	238-1	333	550	392	425	26.38	cps
Vanadium	51-2	220	170	160	183	17.54	cps
Yttrium	89-2	1681602	1673860	1679470	1678311	0.24	cps
Yttrium	89-1	9924118	9882601	9863945	9890221	0.31	cps
Zinc	66-2	970	917	780	889	11.03	cps
Zirconium	90-1	1117	1292	1408	1272	11.54	cps

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	PB 20PPM	Instrumnet Name :	P7
Client Sample ID :	PB 20PPM	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 17:11:44	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	225	250	333	269	21.05	cps

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	AS 3PPM	Instrumnet Name :	P7
Client Sample ID :	AS 3PPM	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 17:15:18	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	183	92	119	46.46	cps
Antimony	121-1	2150	2534	2800	2495	13.10	cps
Arsenic	75-2	1574307	1579979	1590880	1581722	0.53	cps
Barium	135-1	50	42	67	53	24.12	cps
Barium	137-1	58	75	58	64	15.05	cps
Beryllium	9-1	94	39	56	63	45.28	cps
Bismuth	209-1	6492404	6555666	6506723	6518264	0.51	cps
Bismuth	209-2	4844851	4862684	4869525	4859020	0.26	cps
Boron	10-1	617	508	592	572	9.91	cps
Boron	11-1	2700	2392	2225	2439	9.88	cps
Cadmium	106-1	3542	3476	2992	3337	9.00	cps
Cadmium	108-1	25	4	4	11	108.21	cps
Cadmium	111-1	2483	2447	2108	2346	8.81	cps
Calcium	43-1	725	825	733	761	7.29	cps
Calcium	44-1	29514	29138	28679	29110	1.44	cps
Chromium	52-2	917	933	990	947	4.06	cps
Cobalt	59-2	70	87	90	82	13.03	cps
Copper	63-2	927	890	877	898	2.88	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Erbium	164-1	33	8	67	36	81.06	cps
Erbium	164-2	17	23	23	21	18.21	cps
Gadolinium	160-2	27	43	27	32	29.85	cps
Gadolinium	160-1	92	108	83	94	13.48	cps
Holmium	165-1	10701323	10771130	10653373	10708609	0.55	cps
Holmium	165-2	6335386	6357031	6427514	6373310	0.76	cps
Indium	115-2	2143121	2153296	2164314	2153577	0.49	cps
Indium	115-1	9340478	9323864	9274346	9312896	0.37	cps
Iron	56-2	8264	8325	8447	8345	1.12	cps
Iron	57-2	261	194	144	200	29.27	cps
Lead	206-1	23441	20972	19487	21300	9.38	cps
Lead	207-1	20850	18953	17595	19133	8.55	cps
Lead	208-1	93479	84645	78832	85652	8.61	cps
Lithium	6-1	988769	982868	986539	986058	0.30	cps
Magnesium	24-2	292	317	325	311	5.58	cps
Manganese	55-2	133	140	210	161	26.36	cps

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	AS 3PPM	Instrumnet Name :	P7
Client Sample ID :	AS 3PPM	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 17:15:18	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	875	942	1142	986	14.07	cps
Molybdenum	95-1	758	1017	1275	1017	25.41	cps
Molybdenum	96-1	783	1325	1392	1167	28.60	cps
Molybdenum	97-1	592	833	883	770	20.27	cps
Molybdenum	98-1	1483	1709	2125	1772	18.37	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Neodymium	150-1	0	7	20	9	114.55	cps
Nickel	60-2	123	110	123	119	6.48	cps
Phosphorus	31-2	350	392	300	347	13.22	cps
Potassium	39-2	63754	64541	63788	64028	0.69	cps
Rhodium	103-1	8711507	8703764	8637888	8684386	0.47	cps
Rhodium	103-2	4430018	4427718	4485135	4447624	0.73	cps
Scandium	45-1	5494410	5438810	5491729	5474983	0.57	cps
Scandium	45-2	289547	292680	292282	291503	0.58	cps
Selenium	82-1	215	207	221	214	3.27	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	219	230	200	216	6.93	cps
Silicon	28-1	988658	976924	976400	980661	0.71	cps
Silver	109-1	292	292	325	303	6.36	cps
Silver	107-1	492	250	275	339	39.22	cps
Sodium	23-2	45102	45437	44827	45122	0.68	cps
Strontium	86-1	4334	4468	4434	4412	1.57	cps
Strontium	88-1	383	483	608	492	22.93	cps
Sulfur	34-1	645176	643109	647743	645343	0.36	cps
Terbium	159-2	6610287	6370155	6632646	6537696	2.23	cps
Terbium	159-1	11418228	11199758	11219018	11279001	1.07	cps
Thallium	203-1	550	425	458	478	13.55	cps
Thallium	205-1	1100	1067	1050	1072	2.37	cps
Tin	118-1	1192	1308	1625	1375	16.31	cps
Titanium	47-1	183	108	125	139	28.35	cps
Uranium	238-1	133	100	167	133	25.00	cps
Vanadium	51-2	40	23	20	28	38.58	cps
Yttrium	89-1	9773319	9745112	9801515	9773315	0.29	cps
Yttrium	89-2	1657013	1665359	1684300	1668891	0.84	cps
Zinc	66-2	220	240	240	233	4.95	cps
Zirconium	90-1	767	900	908	858	9.26	cps

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	AS 3PPM	Instrumnet Name :	P7
Client Sample ID :	AS 3PPM	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 17:15:18	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4251	3734	4351	4112	8.05	cps

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	AS 5PPM	Instrumnet Name :	P7
Client Sample ID :	AS 5PPM	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 17:18:51	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	58	125	83	43.59	cps
Antimony	121-1	2042	1984	2309	2111	8.21	cps
Arsenic	75-2	2661401	2668324	2673983	2667903	0.24	cps
Barium	135-1	8	58	25	31	83.33	cps
Barium	137-1	75	58	83	72	17.62	cps
Beryllium	9-1	89	83	78	83	6.67	cps
Bismuth	209-1	6421283	6433766	6412259	6422436	0.17	cps
Bismuth	209-2	4847910	4904191	4894406	4882169	0.62	cps
Boron	10-1	342	433	475	417	16.37	cps
Boron	11-1	1809	1959	2142	1970	8.48	cps
Cadmium	106-1	3259	3192	3042	3164	3.51	cps
Cadmium	108-1	13	21	17	17	24.99	cps
Cadmium	111-1	2293	2237	2143	2224	3.42	cps
Calcium	43-1	783	725	600	703	13.33	cps
Calcium	44-1	28980	29130	28612	28907	0.92	cps
Chromium	52-2	900	1020	1067	996	8.64	cps
Cobalt	59-2	100	77	97	91	13.85	cps
Copper	63-2	887	920	887	898	2.14	cps
Dysprosium	156-1	17	0	0	6	173.21	cps
Dysprosium	156-2	0	0	17	6	173.21	cps
Erbium	164-2	10	27	7	14	74.18	cps
Erbium	164-1	17	75	75	56	60.62	cps
Gadolinium	160-1	58	67	92	72	24.02	cps
Gadolinium	160-2	40	40	40	40	0.00	cps
Holmium	165-2	6597789	6406447	6431921	6478719	1.60	cps
Holmium	165-1	10568545	10703895	10608967	10627135	0.65	cps
Indium	115-1	9343303	9221637	9365102	9310014	0.83	cps
Indium	115-2	2177137	2186808	2170638	2178194	0.37	cps
Iron	56-2	8569	8853	8992	8805	2.45	cps
Iron	57-2	172	156	183	170	8.21	cps
Lead	206-1	10927	11033	10510	10823	2.55	cps
Lead	207-1	10277	10021	9776	10024	2.50	cps
Lead	208-1	44814	44842	43273	44310	2.03	cps
Lithium	6-1	968504	968733	972884	970040	0.25	cps
Magnesium	24-2	283	233	300	272	12.74	cps
Manganese	55-2	197	237	187	207	12.80	cps

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	AS 5PPM	Instrumnet Name :	P7
Client Sample ID :	AS 5PPM	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 17:18:51	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	642	750	842	744	13.45	cps
Molybdenum	95-1	600	967	1050	872	27.45	cps
Molybdenum	96-1	825	1117	1117	1020	16.52	cps
Molybdenum	97-1	592	608	683	628	7.78	cps
Molybdenum	98-1	942	1350	2009	1433	37.55	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	93	127	123	114	16.04	cps
Phosphorus	31-2	383	367	392	381	3.35	cps
Potassium	39-2	65353	64382	64357	64698	0.88	cps
Rhodium	103-2	4488816	4497276	4495935	4494009	0.10	cps
Rhodium	103-1	8623509	8620711	8648768	8630996	0.18	cps
Scandium	45-1	5448842	5490042	5515556	5484814	0.61	cps
Scandium	45-2	293258	294274	294325	293952	0.20	cps
Selenium	77-2	0	3	10	4	114.60	cps
Selenium	78-2	211	191	217	206	6.62	cps
Selenium	82-1	51	225	126	134	65.16	cps
Silicon	28-1	986182	990477	988495	988384	0.22	cps
Silver	109-1	275	300	225	267	14.32	cps
Silver	107-1	308	242	300	283	12.82	cps
Sodium	23-2	44417	44902	45712	45010	1.45	cps
Strontium	86-1	4668	4443	4543	4551	2.48	cps
Strontium	88-1	725	708	633	689	7.09	cps
Sulfur	34-1	638027	639606	639024	638886	0.12	cps
Terbium	159-1	11207106	11167159	11252974	11209080	0.38	cps
Terbium	159-2	6631049	6405830	6434691	6490523	1.89	cps
Thallium	203-1	400	525	358	428	20.28	cps
Thallium	205-1	1075	992	775	947	16.35	cps
Tin	118-1	1609	1458	1542	1536	4.89	cps
Titanium	47-1	142	142	208	164	23.49	cps
Uranium	238-1	67	125	175	122	44.36	cps
Vanadium	51-2	23	33	30	29	17.63	cps
Yttrium	89-2	1689248	1683725	1695116	1689363	0.34	cps
Yttrium	89-1	9685929	9787857	9827603	9767130	0.75	cps
Zinc	66-2	223	233	267	241	9.41	cps
Zirconium	90-1	658	725	900	761	16.40	cps

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	AS 5PPM	Instrumnet Name :	P7
Client Sample ID :	AS 5PPM	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 17:18:51	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	6635	6518	6844	6666	2.47	cps

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	AS 10PPM	Instrumnet Name :	P7
Client Sample ID :	AS 10PPM	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 17:22:24	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	133	92	103	26.06	cps
Antimony	121-1	2217	2092	2109	2139	3.17	cps
Arsenic	75-2	5350414	5377675	5383580	5370556	0.33	cps
Barium	135-1	67	92	133	97	34.64	cps
Barium	137-1	242	150	142	178	31.21	cps
Beryllium	9-1	61	78	56	65	17.84	cps
Bismuth	209-1	6434405	6438613	6415519	6429513	0.19	cps
Bismuth	209-2	4923897	4972819	4949979	4948898	0.49	cps
Boron	10-1	408	408	383	400	3.61	cps
Boron	11-1	1900	1992	1975	1956	2.50	cps
Cadmium	111-1	2212	2304	2522	2346	6.79	cps
Cadmium	106-1	3150	3292	3576	3339	6.48	cps
Cadmium	108-1	8	25	8	14	69.31	cps
Calcium	43-1	692	733	767	731	5.14	cps
Calcium	44-1	30040	28980	29882	29634	1.93	cps
Chromium	52-2	1367	1337	1347	1350	1.13	cps
Cobalt	59-2	297	247	267	270	9.32	cps
Copper	63-2	867	947	880	898	4.77	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Dysprosium	156-1	0	0	17	6	173.21	cps
Erbium	164-1	17	50	42	36	48.03	cps
Erbium	164-2	10	17	7	11	45.82	cps
Gadolinium	160-2	27	43	17	29	46.62	cps
Gadolinium	160-1	125	142	58	108	40.70	cps
Holmium	165-2	6481554	6497313	6460856	6479908	0.28	cps
Holmium	165-1	10785260	10608341	10583139	10658913	1.03	cps
Indium	115-1	9352041	9376254	9465452	9397916	0.64	cps
Indium	115-2	2211131	2206866	2211739	2209912	0.12	cps
Iron	56-2	17850	18078	18390	18106	1.50	cps
Iron	57-2	444	411	439	432	4.14	cps
Lead	206-1	9148	9531	9682	9454	2.91	cps
Lead	207-1	8431	8081	8698	8403	3.68	cps
Lead	208-1	37366	37806	38840	38004	1.99	cps
Lithium	6-1	982363	980742	970743	977949	0.64	cps
Magnesium	24-2	733	892	967	864	13.79	cps
Manganese	55-2	440	443	357	413	11.88	cps

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	AS 10PPM	Instrumnet Name :	P7
Client Sample ID :	AS 10PPM	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 17:22:24	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	600	900	917	806	22.12	cps
Molybdenum	95-1	867	883	1150	967	16.45	cps
Molybdenum	96-1	1050	983	1217	1083	11.09	cps
Molybdenum	97-1	475	750	700	642	22.83	cps
Molybdenum	98-1	1167	1700	1659	1508	19.67	cps
Neodymium	150-1	0	20	0	7	173.21	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	117	180	170	156	21.89	cps
Phosphorus	31-2	350	367	400	372	6.84	cps
Potassium	39-2	68208	67839	67773	67940	0.34	cps
Rhodium	103-2	4542953	4596611	4554972	4564845	0.62	cps
Rhodium	103-1	8739319	8709284	8818468	8755690	0.64	cps
Scandium	45-1	5549991	5536094	5536858	5540981	0.14	cps
Scandium	45-2	297104	299397	299277	298593	0.43	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	220	196	219	212	6.33	cps
Selenium	82-1	197	318	116	210	48.25	cps
Silicon	28-1	990165	977599	986091	984618	0.65	cps
Silver	109-1	308	208	233	250	20.82	cps
Silver	107-1	375	367	425	389	8.11	cps
Sodium	23-2	43907	43573	44300	43926	0.83	cps
Strontium	86-1	4959	4426	4501	4629	6.24	cps
Strontium	88-1	1342	1133	1383	1286	10.41	cps
Sulfur	34-1	625679	616154	613766	618533	1.02	cps
Terbium	159-1	11247543	11188861	11224392	11220266	0.26	cps
Terbium	159-2	6676877	6708971	6518109	6634652	1.54	cps
Thallium	203-1	358	408	400	389	6.89	cps
Thallium	205-1	1058	967	983	1003	4.87	cps
Tin	118-1	1700	1659	1675	1678	1.25	cps
Titanium	47-1	308	325	233	289	16.90	cps
Uranium	238-1	83	192	258	178	49.68	cps
Vanadium	51-2	77	57	47	60	25.46	cps
Yttrium	89-2	1708740	1714866	1712878	1712161	0.18	cps
Yttrium	89-1	9860352	9812323	9863351	9845342	0.29	cps
Zinc	66-2	317	287	293	299	5.27	cps
Zirconium	90-1	842	1067	1050	986	12.71	cps

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	AS 10PPM	Instrumnet Name :	P7
Client Sample ID :	AS 10PPM	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 17:22:24	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	13490	12982	12131	12868	5.34	cps

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	NO VIAL	Instrumnet Name :	P7
Client Sample ID :	NO VIAL	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 17:25:58	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	292	308	258	286	8.91	cps
Antimony	121-1	950	958	1559	1156	30.19	cps
Arsenic	75-2	4078	1250	9839	5056	86.57	cps
Barium	135-1	42	67	133	81	58.84	cps
Barium	137-1	108	108	208	142	40.75	cps
Beryllium	9-1	33	67	78	59	39.04	cps
Bismuth	209-2	13984096	16436340	13828409	14749615	9.92	cps
Bismuth	209-1	24579592	27748208	27313856	26547219	6.47	cps
Boron	10-1	333	200	375	303	30.19	cps
Boron	11-1	1250	1492	1550	1431	11.12	cps
Cadmium	106-1	10012	11814	11630	11152	8.89	cps
Cadmium	108-1	13	29	46	29	57.14	cps
Cadmium	111-1	7033	8266	8126	7808	8.64	cps
Calcium	43-1	725	500	600	608	18.53	cps
Calcium	44-1	29415	31488	32206	31036	4.67	cps
Chromium	52-2	740	677	860	759	12.27	cps
Cobalt	59-2	150	157	133	147	8.19	cps
Copper	63-2	757	863	833	818	6.73	cps
Dysprosium	156-2	10	17	0	9	94.38	cps
Dysprosium	156-1	17	17	25	19	24.73	cps
Erbium	164-1	108	133	183	142	26.96	cps
Erbium	164-2	77	70	50	66	21.17	cps
Gadolinium	160-2	123	83	53	87	40.53	cps
Gadolinium	160-1	283	292	275	283	2.94	cps
Holmium	165-1	39446006	44890176	44087099	42807760	6.87	cps
Holmium	165-2	18824421	22139314	18187245	19716993	10.76	cps
Indium	115-2	6235980	7311587	6099781	6549116	10.14	cps
Indium	115-1	34120909	38320178	37799837	36746975	6.23	cps
Iron	56-2	9326	7702	12723	9917	25.83	cps
Iron	57-2	400	161	367	309	41.84	cps
Lead	206-1	10621	9609	8981	9737	8.50	cps
Lead	207-1	8987	8759	8397	8714	3.41	cps
Lead	208-1	41994	39085	36698	39259	6.76	cps
Lithium	6-1	3688517	4119458	4012183	3940053	5.69	cps
Magnesium	24-2	283	208	417	303	34.85	cps
Manganese	55-2	107	73	147	109	33.72	cps

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	NO VIAL	Instrumnet Name :	P7
Client Sample ID :	NO VIAL	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 17:25:58	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	750	825	1625	1067	45.47	cps
Molybdenum	95-1	358	450	1125	645	64.97	cps
Molybdenum	96-1	658	558	1483	900	56.41	cps
Molybdenum	97-1	358	417	792	522	45.03	cps
Molybdenum	98-1	725	733	1709	1056	53.56	cps
Neodymium	150-1	13	27	20	20	33.35	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	87	127	140	118	23.56	cps
Phosphorus	31-2	500	308	325	378	28.11	cps
Potassium	39-2	52561	49885	54836	52427	4.73	cps
Rhodium	103-2	12898501	15166389	12471246	13512045	10.72	cps
Rhodium	103-1	31753937	35524881	34771345	34016721	5.87	cps
Scandium	45-2	829288	964853	817161	870434	9.42	cps
Scandium	45-1	20021845	22624246	22277245	21641112	6.53	cps
Selenium	82-1	369	689	345	467	41.13	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	237	248	228	238	4.29	cps
Silicon	28-1	913580	922819	1186547	1007649	15.38	cps
Silver	107-1	425	492	517	478	9.92	cps
Silver	109-1	400	208	275	294	33.05	cps
Sodium	23-2	37807	36846	39186	37946	3.10	cps
Strontium	86-1	4126	4293	7027	5149	31.64	cps
Strontium	88-1	250	208	292	250	16.67	cps
Sulfur	34-1	452830	456275	486645	465250	4.00	cps
Terbium	159-2	18801263	22045417	18305134	19717272	10.30	cps
Terbium	159-1	41255297	47719074	45506813	44827061	7.33	cps
Thallium	203-1	300	333	325	319	5.43	cps
Thallium	205-1	925	808	917	883	7.37	cps
Tin	118-1	683	817	1842	1114	56.92	cps
Titanium	47-1	133	175	467	258	70.32	cps
Uranium	238-1	283	217	217	239	16.11	cps
Vanadium	51-2	40	23	43	36	30.14	cps
Yttrium	89-2	4720847	5784036	4769901	5091594	11.79	cps
Yttrium	89-1	35675999	40421919	38933469	38343796	6.33	cps
Zinc	66-2	200	160	273	211	27.23	cps
Zirconium	90-1	1700	2067	2467	2078	18.46	cps

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	NO VIAL	Instrumnet Name :	P7
Client Sample ID :	NO VIAL	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 17:25:58	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	350	500	642	497	29.33	cps

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	NO VIAL2	Instrumnet Name :	P7
Client Sample ID :	NO VIAL2	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 17:29:25	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	233	225	183	43.36	cps
Antimony	121-1	808	875	825	836	4.15	cps
Arsenic	75-2	1676	2522	2339	2179	20.43	cps
Barium	135-1	75	75	133	94	35.66	cps
Barium	137-1	67	133	92	97	34.64	cps
Beryllium	9-1	28	61	22	37	56.79	cps
Bismuth	209-1	27171858	21354188	21411065	23312370	14.34	cps
Bismuth	209-2	16624435	13365092	15205389	15064972	10.85	cps
Boron	10-1	183	292	258	244	22.70	cps
Boron	11-1	1425	1308	1575	1436	9.31	cps
Cadmium	106-1	11438	8536	8953	9643	16.27	cps
Cadmium	108-1	33	25	50	36	35.25	cps
Cadmium	111-1	7996	5975	6245	6739	16.29	cps
Calcium	43-1	550	717	642	636	13.12	cps
Calcium	44-1	33233	31904	31771	32303	2.50	cps
Chromium	52-2	827	720	773	773	6.90	cps
Cobalt	59-2	133	143	130	136	5.12	cps
Copper	63-2	837	930	740	836	11.37	cps
Dysprosium	156-2	10	10	13	11	17.30	cps
Dysprosium	156-1	33	8	17	19	65.47	cps
Erbium	164-1	142	125	100	122	17.16	cps
Erbium	164-2	43	60	53	52	16.07	cps
Gadolinium	160-2	80	60	127	89	38.49	cps
Gadolinium	160-1	367	250	217	278	28.35	cps
Holmium	165-2	22103268	17873693	20464785	20147249	10.59	cps
Holmium	165-1	43975272	34253321	34623036	37617210	14.65	cps
Indium	115-1	37430695	29212933	29710503	32118044	14.35	cps
Indium	115-2	7345168	6048406	6769583	6721052	9.67	cps
Iron	56-2	9081	10210	10522	9938	7.63	cps
Iron	57-2	172	250	194	206	19.49	cps
Lead	206-1	8381	7708	7730	7940	4.81	cps
Lead	207-1	7747	7074	6774	7198	6.92	cps
Lead	208-1	34357	31632	31199	32396	5.29	cps
Lithium	6-1	3997700	3000145	3063402	3353749	16.66	cps
Magnesium	24-2	267	250	225	247	8.48	cps
Manganese	55-2	80	123	100	101	21.45	cps

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	NO VIAL2	Instrumnet Name :	P7
Client Sample ID :	NO VIAL2	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 17:29:25	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1017	1584	1350	1317	21.63	cps
Molybdenum	95-1	533	1200	1158	964	38.75	cps
Molybdenum	96-1	800	1358	2119	1426	46.44	cps
Molybdenum	97-1	425	817	892	711	35.24	cps
Molybdenum	98-1	1033	1900	1842	1592	30.44	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	140	123	147	137	8.79	cps
Phosphorus	31-2	408	450	358	406	11.32	cps
Potassium	39-2	51122	51968	50788	51293	1.19	cps
Rhodium	103-2	15150878	12445180	13866302	13820787	9.79	cps
Rhodium	103-1	35372591	26822957	27763103	29986217	15.64	cps
Scandium	45-1	22475452	17047703	17560121	19027759	15.75	cps
Scandium	45-2	957149	802009	897148	885435	8.84	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	180	235	230	215	14.24	cps
Selenium	82-1	650	489	234	457	45.90	cps
Silicon	28-1	1260769	1331739	1431463	1341324	6.39	cps
Silver	109-1	367	225	208	267	32.63	cps
Silver	107-1	358	283	275	306	15.02	cps
Sodium	23-2	36930	39503	37724	38052	3.46	cps
Strontium	86-1	7936	7844	8795	8192	6.40	cps
Strontium	88-1	267	233	333	278	18.33	cps
Sulfur	34-1	466865	478835	467264	470988	1.44	cps
Terbium	159-1	46440771	36479151	36731396	39883773	14.24	cps
Terbium	159-2	22091122	18204372	20572062	20289185	9.65	cps
Thallium	203-1	267	467	375	369	27.10	cps
Thallium	205-1	867	942	942	917	4.72	cps
Tin	118-1	2643	1392	1442	1826	38.80	cps
Titanium	47-1	300	575	258	378	45.58	cps
Uranium	238-1	258	217	250	242	9.12	cps
Vanadium	51-2	30	13	17	20	44.10	cps
Yttrium	89-2	5754606	4581245	5273727	5203193	11.34	cps
Yttrium	89-1	39617594	30671462	31474729	33921262	14.59	cps
Zinc	66-2	210	220	180	203	10.24	cps
Zirconium	90-1	2242	1759	1984	1995	12.13	cps

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	NO VIAL2	Instrumnet Name :	P7
Client Sample ID :	NO VIAL2	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 17:29:25	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	550	367	450	456	20.15	cps

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	CCV23	Instrumnet Name :	P7
Client Sample ID :	CCV23	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 17:33:40	DataFile Name :	026CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1108721	1104817	1099310	1104283	0.43	cps
Antimony	121-1	6519534	6470781	6415744	6468686	0.80	cps
Arsenic	75-2	283388	283755	283502	283548	0.07	cps
Barium	135-1	7739636	7719995	7669756	7709795	0.47	cps
Barium	137-1	13202126	13103048	13043426	13116200	0.61	cps
Beryllium	9-1	796938	794563	800507	797336	0.38	cps
Bismuth	209-1	6332245	6330453	6315609	6326102	0.14	cps
Bismuth	209-2	4815250	4814892	4838111	4822751	0.28	cps
Boron	10-1	104811	105256	105306	105125	0.26	cps
Boron	11-1	537812	542818	542441	541023	0.52	cps
Cadmium	106-1	169022	166670	170682	168791	1.19	cps
Cadmium	108-1	111270	112160	111489	111640	0.42	cps
Cadmium	111-1	1527810	1531792	1526103	1528568	0.19	cps
Calcium	43-1	1736597	1724661	1726935	1729398	0.37	cps
Calcium	44-1	28295764	28272133	28499738	28355878	0.44	cps
Chromium	52-2	2142478	2150738	2146296	2146504	0.19	cps
Cobalt	59-2	3510559	3531412	3524075	3522015	0.30	cps
Copper	63-2	5059548	5057755	5041046	5052783	0.20	cps
Dysprosium	156-2	33	20	37	30	29.40	cps
Dysprosium	156-1	100	142	125	122	17.16	cps
Erbium	164-1	50	75	58	61	20.83	cps
Erbium	164-2	43	37	23	34	29.57	cps
Gadolinium	160-2	73	43	57	58	26.01	cps
Gadolinium	160-1	100	158	133	131	22.41	cps
Holmium	165-2	6587921	6536735	6553773	6559476	0.40	cps
Holmium	165-1	10941956	10787460	10743170	10824195	0.96	cps
Indium	115-1	9290050	9380555	9323293	9331299	0.49	cps
Indium	115-2	2170522	2165032	2164404	2166653	0.16	cps
Iron	56-2	92069413	92264463	91839458	92057778	0.23	cps
Iron	57-2	2203316	2209000	2206713	2206343	0.13	cps
Lead	206-1	4184539	4152901	4163955	4167131	0.39	cps
Lead	207-1	3829846	3796582	3799793	3808740	0.48	cps
Lead	208-1	17386400	17350389	17274777	17337189	0.33	cps
Lithium	6-1	958543	957910	942067	952840	0.98	cps
Magnesium	24-2	13517116	13440177	13414330	13457208	0.40	cps
Manganese	55-2	2450927	2458399	2455386	2454904	0.15	cps

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	CCV23	Instrumnet Name :	P7
Client Sample ID :	CCV23	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 17:33:40	DataFile Name :	026CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5841980	5902809	5881296	5875361	0.53	cps
Molybdenum	95-1	3011437	2998760	2987671	2999289	0.40	cps
Molybdenum	96-1	3861285	3883838	3874438	3873187	0.29	cps
Molybdenum	97-1	1873638	1882037	1867733	1874469	0.38	cps
Molybdenum	98-1	4821107	4842671	4828594	4830791	0.23	cps
Neodymium	150-1	400	467	453	440	8.02	cps
Neodymium	150-2	73	43	57	58	26.02	cps
Nickel	60-2	925372	929278	923736	926129	0.31	cps
Phosphorus	31-2	68726	68759	68918	68801	0.15	cps
Potassium	39-2	8235525	8299801	8227145	8254157	0.48	cps
Rhodium	103-2	4444679	4421220	4407297	4424399	0.43	cps
Rhodium	103-1	8506783	8501811	8557198	8521930	0.36	cps
Scandium	45-1	5622823	5678160	5616718	5639234	0.60	cps
Scandium	45-2	304080	304363	301548	303330	0.51	cps
Selenium	77-2	5161	5351	5341	5284	2.02	cps
Selenium	78-2	18475	18186	18197	18286	0.90	cps
Selenium	82-1	91659	91744	91671	91691	0.05	cps
Silicon	28-1	3839655	3881013	3847731	3856133	0.57	cps
Silver	109-1	7601693	7607638	7578522	7595951	0.20	cps
Silver	107-1	7958176	8017826	7876192	7950731	0.89	cps
Sodium	23-2	25471142	25300115	25476578	25415945	0.39	cps
Strontium	86-1	2062138	2056385	2056619	2058381	0.16	cps
Strontium	88-1	18446998	18411372	18271057	18376476	0.51	cps
Sulfur	34-1	1145890	1149066	1147039	1147332	0.14	cps
Terbium	159-1	11430597	11443193	11299996	11391262	0.70	cps
Terbium	159-2	6757015	6750472	6724573	6744020	0.25	cps
Thallium	203-1	5312199	5305630	5272894	5296908	0.40	cps
Thallium	205-1	12879791	12832558	12854804	12855718	0.18	cps
Tin	118-1	5069179	5044593	5010969	5041580	0.58	cps
Titanium	47-1	840864	849479	845351	845231	0.51	cps
Uranium	238-1	16837134	16737106	16985564	16853268	0.74	cps
Vanadium	51-2	1806554	1805443	1799754	1803917	0.20	cps
Yttrium	89-2	1733446	1724839	1727336	1728540	0.26	cps
Yttrium	89-1	9972999	9935985	9955729	9954905	0.19	cps
Zinc	66-2	717404	710982	706772	711719	0.75	cps
Zirconium	90-1	11169230	11123314	11150726	11147757	0.21	cps

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	CCV23	Instrumnet Name :	P7
Client Sample ID :	CCV23	Dilution Factor :	1
Date & Time Acquired ::	2017-03-22 17:33:40	DataFile Name :	026CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2387676	2389375	2387658	2388236	0.04	cps

LB Number : LB86522 Operator : Jaswal
 Lab Sample ID : CCB23 Instrumnet Name : P7
 Client Sample ID : CCB23 Dilution Factor : 1
 Date & Time Acquired :: 2017-03-22 17:44:36 DataFile Name : 027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	108	108	100	14.43	cps
Antimony	121-1	16118	19372	22051	19181	15.49	cps
Arsenic	75-2	320	317	339	325	3.66	cps
Barium	135-1	192	92	75	119	52.83	cps
Barium	137-1	150	150	200	167	17.32	cps
Beryllium	9-1	56	83	72	70	19.87	cps
Bismuth	209-2	4869288	4885979	4859649	4871639	0.27	cps
Bismuth	209-1	6401778	6375479	6359436	6378898	0.34	cps
Boron	10-1	500	517	425	481	10.16	cps
Boron	11-1	2675	2692	2625	2664	1.30	cps
Cadmium	111-1	2387	2295	2111	2264	6.21	cps
Cadmium	106-1	3409	3234	2950	3198	7.23	cps
Cadmium	108-1	17	21	13	17	24.99	cps
Calcium	43-1	992	833	883	903	8.97	cps
Calcium	44-1	31793	31560	30850	31401	1.56	cps
Chromium	52-2	917	973	900	930	4.13	cps
Cobalt	59-2	77	90	77	81	9.49	cps
Copper	63-2	867	813	733	804	8.34	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Dysprosium	156-1	33	17	8	19	65.48	cps
Erbium	164-1	50	50	75	58	24.74	cps
Erbium	164-2	27	20	13	20	33.35	cps
Gadolinium	160-2	30	17	33	27	33.06	cps
Gadolinium	160-1	33	108	75	72	52.04	cps
Holmium	165-2	6588486	6434793	6446012	6489764	1.32	cps
Holmium	165-1	10677615	10496086	10543562	10572421	0.89	cps
Indium	115-2	2182818	2197771	2190614	2190401	0.34	cps
Indium	115-1	9402105	9297376	9290963	9330148	0.67	cps
Iron	56-2	8953	9342	9047	9114	2.23	cps
Iron	57-2	183	172	183	180	3.57	cps
Lead	206-1	6541	6296	6541	6459	2.19	cps
Lead	207-1	5885	5729	6118	5911	3.31	cps
Lead	208-1	26283	26011	25827	26040	0.88	cps
Lithium	6-1	947296	950394	955024	950904	0.41	cps
Magnesium	24-2	358	350	383	364	4.77	cps
Manganese	55-2	303	310	270	294	7.28	cps

LB Number :	LB86522	Operator :	Jaswal
Lab Sample ID :	CCB23	Instrumnet Name :	P7
Client Sample ID :	CCB23	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1125	1417	1684	1408	19.83	cps
Molybdenum	95-1	1342	1483	2017	1614	22.06	cps
Molybdenum	96-1	1550	1767	2059	1792	14.24	cps
Molybdenum	97-1	842	1233	1425	1167	25.49	cps
Molybdenum	98-1	1925	2909	3817	2884	32.82	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Nickel	60-2	80	103	153	112	33.39	cps
Phosphorus	31-2	475	367	308	383	22.06	cps
Potassium	39-2	63939	64533	63487	63986	0.82	cps
Rhodium	103-2	4484808	4529863	4520341	4511671	0.53	cps
Rhodium	103-1	8643759	8637441	8635450	8638883	0.05	cps
Scandium	45-1	5478068	5511157	5554739	5514655	0.70	cps
Scandium	45-2	296025	298573	297643	297413	0.43	cps
Selenium	82-1	359	152	212	241	44.23	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	230	244	219	231	5.63	cps
Silicon	28-1	998489	997853	999369	998570	0.08	cps
Silver	109-1	250	333	392	325	21.91	cps
Silver	107-1	317	283	325	308	7.15	cps
Sodium	23-2	45687	46916	45888	46164	1.43	cps
Strontium	86-1	4443	4876	4668	4662	4.65	cps
Strontium	88-1	842	908	800	850	6.43	cps
Sulfur	34-1	636733	632775	629062	632857	0.61	cps
Terbium	159-1	11196722	11114056	11249928	11186902	0.61	cps
Terbium	159-2	6629067	6627846	6433663	6563525	1.71	cps
Thallium	203-1	392	442	458	431	8.06	cps
Thallium	205-1	1258	1100	1400	1253	11.98	cps
Tin	118-1	1742	1850	2425	2006	18.31	cps
Titanium	47-1	167	150	208	175	17.17	cps
Uranium	238-1	183	142	133	153	17.54	cps
Vanadium	51-2	37	30	20	29	29.04	cps
Yttrium	89-1	9717035	9807453	9803821	9776103	0.52	cps
Yttrium	89-2	1701795	1705194	1697690	1701560	0.22	cps
Zinc	66-2	520	523	493	512	3.21	cps
Zirconium	90-1	1183	1333	1667	1395	17.74	cps

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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	192	325	350	289	29.47	cps