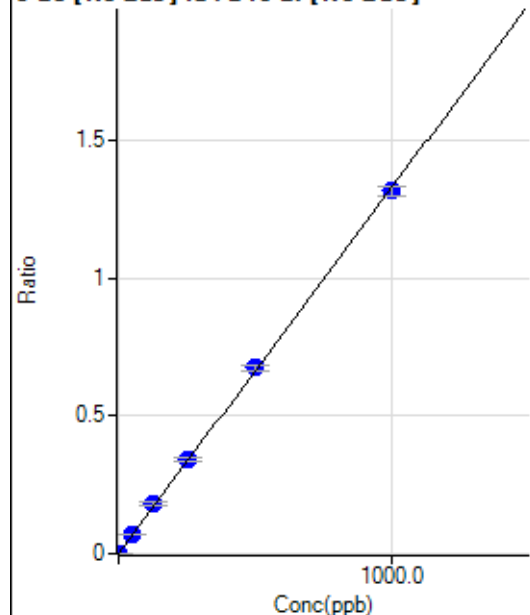


Batch Folder: D:\ICP-MS Data\P7010417-MS.b\
Analysis File: P7010417-MS.batch.bin
DA Date-Time: 2017-01-04 14:58:52
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	002CALB.d	S00	2017-01-04 12:54:30
2			
3	004CALS.d	S02	2017-01-04 13:02:39
4	005CALS.d	S03	2017-01-04 13:06:28
5	006CALS.d	S04	2017-01-04 13:10:29
6	007CALS.d	S05	2017-01-04 13:14:13
7	008CALS.d	S06	2017-01-04 13:17:52
8	009CALS.d	S07	2017-01-04 13:21:28
9	010CALS.d	S08	2017-01-04 13:25:00

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	127.78	0.0002	P	20.1
2	☐	0.100					
3	☐	1.000	0.975	1218.60	0.0015	P	5.7
4	☐	50.000	52.999	59663.92	0.0705	P	3.0
5	☐	125.000	135.765	152395.83	0.1804	P	6.4
6	☐	250.000	257.286	300138.41	0.3417	P	3.8
7	☐	500.000	509.310	596559.40	0.6763	P	3.0
8	☐	1000.000	992.028	1157622.29	1.3172	P	2.4
9	☐			338.90	0.0004	P	8.7

$$y = 0.0013 * x + 1.5641E-004$$

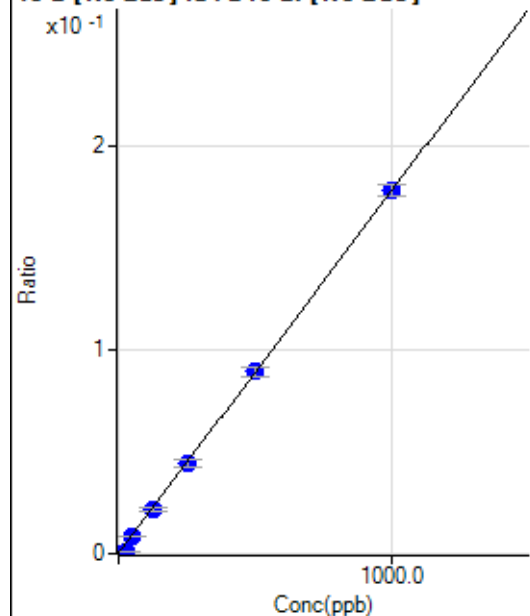
$$R = 0.9999$$

$$DL = 0.07089$$

$$BEC = 0.1178$$

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	136.12	0.0002	P	31.6
2	☐	2.500					
3	☐	25.000	3.852	713.94	0.0009	P	5.9
4	☐	50.000	46.578	7146.48	0.0085	P	8.4
5	☐	125.000	123.398	18687.14	0.0221	P	8.7
6	☐	250.000	248.963	39043.12	0.0445	P	6.9
7	☐	500.000	501.869	78920.48	0.0895	P	4.9
8	☐	1000.000	1000.225	156600.81	0.1782	P	3.2
9	☐			13837.44	0.0170	P	9.4

$$y = 1.7800E-004 * x + 1.6506E-004$$

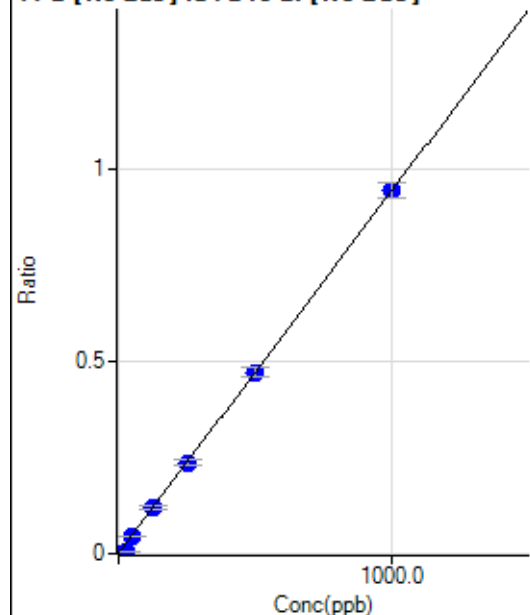
$$R = 0.9998$$

$$DL = 0.8778$$

$$BEC = 0.9273$$

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	830.61	0.0010	P	9.9
2	☐	2.500					
3	☐	25.000	4.379	4314.69	0.0051	P	5.9
4	☐	50.000	47.070	38349.68	0.0454	P	7.6
5	☐	125.000	124.750	100128.66	0.1186	P	7.7
6	☐	250.000	249.317	207099.81	0.2359	P	7.0
7	☐	500.000	500.479	416717.82	0.4726	P	5.7
8	☐	1000.000	1000.625	829400.51	0.9439	P	4.2
9	☐			74025.94	0.0910	P	10.3

$$y = 9.4231\text{E-}004 * x + 0.0010$$

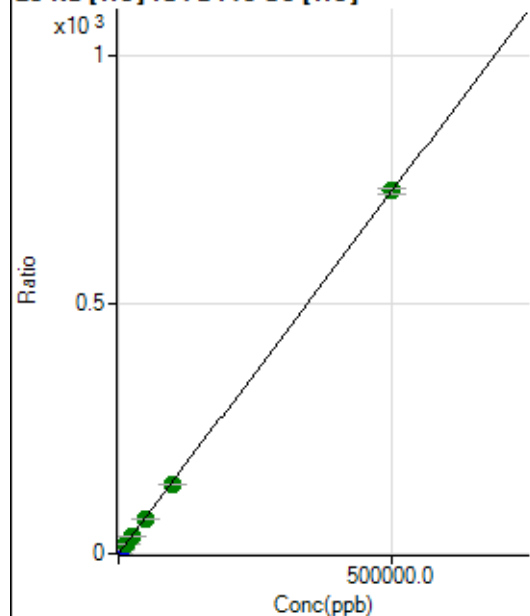
$$R = 0.9998$$

$$DL = 0.3196$$

$$BEC = 1.078$$

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	6329.42	0.0190	P	4.9
2	☐	50.000					
3	☐	500.000	462.247	218325.96	0.6902	P	2.5
4	☐	5000.000	4949.673	2356551.66	7.2054	P	2.1
5	☐	12500.000	12423.347	5799332.94	18.0562	A	2.4
6	☐	25000.000	24424.047	11509050.69	35.4798	A	0.4
7	☐	50000.000	48957.504	22722372.04	71.0995	A	0.4
8	☐	100000.00	95475.369	44414978.07	138.6379	A	2.3
9	☐	500000.00	501040.43	232416257.9	727.4698	A	1.9

$$y = 0.0015 * x + 0.0190$$

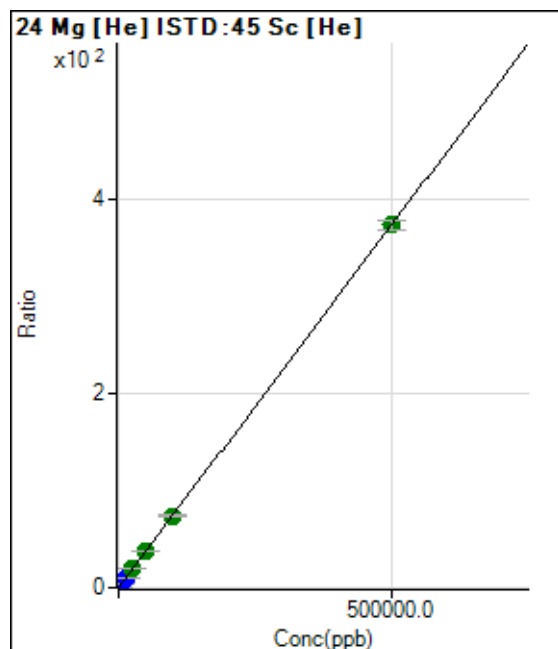
$$R = 1.0000$$

$$DL = 1.937$$

$$BEC = 13.11$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	188.90	0.0006	P	17.9
2	☐	50.000					
3	☐	500.000	472.916	111911.29	0.3538	P	2.4
4	☐	5000.000	5153.389	1259050.88	3.8494	P	1.7
5	☐	12500.000	13091.708	3140701.50	9.7781	P	2.4
6	☐	25000.000	25417.207	6157606.52	18.9835	A	0.1
7	☐	50000.000	50776.961	12119170.93	37.9235	A	1.9
8	☐	100000.00	98765.949	23630884.90	73.7642	A	1.7
9	☐	500000.00	500131.95	119322691.5	373.5255	A	2.4

$$y = 7.4685\text{E-}004 * x + 5.6774\text{E-}004$$

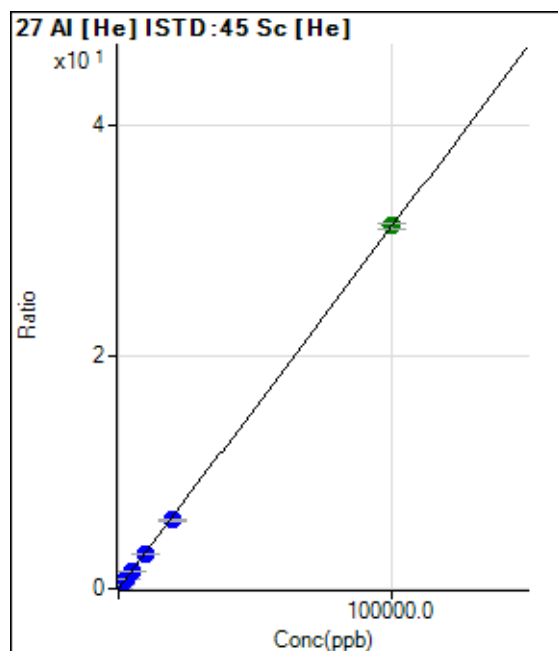
$$R = 1.0000$$

$$DL = 0.4074$$

$$BEC = 0.7602$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	41.67	0.0001	P	59.8
2	☐	2.000					
3	☐	20.000	18.386	1858.53	0.0059	P	7.9
4	☐	1000.000	974.167	99412.95	0.3040	P	2.0
5	☐	2500.000	2441.312	244590.33	0.7616	P	2.7
6	☐	5000.000	4860.059	491725.33	1.5160	P	0.4
7	☐	10000.000	9727.513	969636.58	3.0342	P	1.6
8	☐	20000.000	19011.555	1899705.97	5.9299	P	1.9
9	☐	100000.00	100233.66	9989155.61	31.2635	A	1.6

$$y = 3.1191\text{E-}004 * x + 1.2510\text{E-}004$$

$$R = 0.9999$$

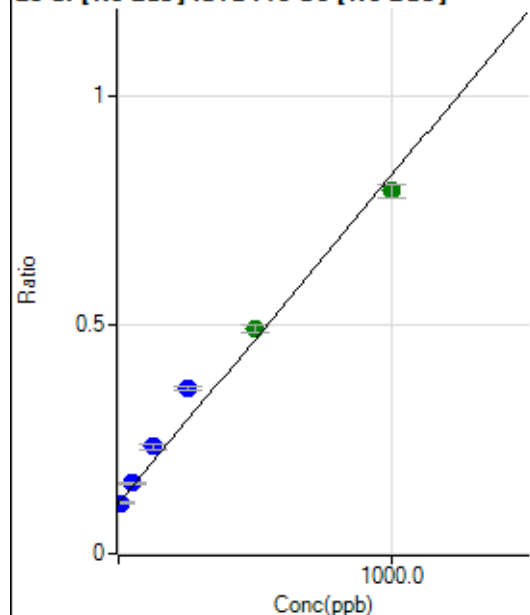
$$DL = 0.7197$$

$$BEC = 0.4011$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	777809.40	0.1103	P	4.8
2	☐	1.000					
3	☐	10.000	-0.835	804638.72	0.1097	P	2.9
4	☐	50.000	59.935	1137940.02	0.1532	P	3.7
5	☐	125.000	171.560	1718077.12	0.2331	P	5.8
6	☐	250.000	350.003	2729288.13	0.3609	P	3.4
7	☐	500.000	533.207	3698670.79	0.4920	A	3.8
8	☐	1000.000	952.188	5967240.46	0.7919	A	3.5
9	☐			827487.35	0.1113	P	3.2

$$y = 7.1576\text{E-}004 * x + 0.1103$$

$$R = 0.9920$$

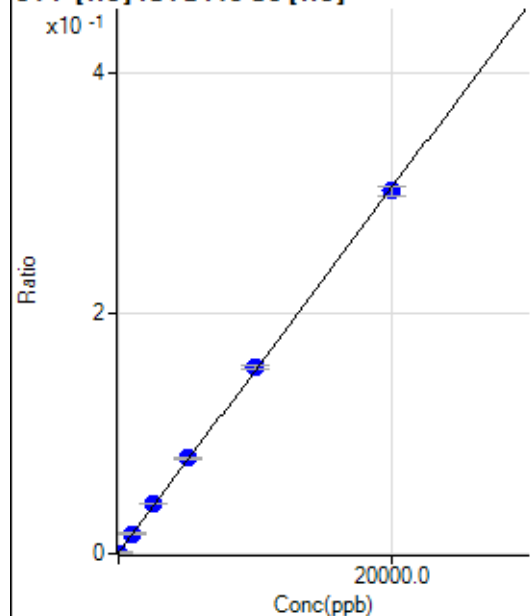
$$DL = 21.97$$

$$BEC = 154.2$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-5.410	194.45	0.0006	P	15.8
2	☐	0.000					
3	☐	0.000	5.410	236.12	0.0007	P	22.3
4	☐	1000.000	1058.251	5462.38	0.0167	P	7.0
5	☐	2500.000	2661.700	13175.74	0.0410	P	0.9
6	☐	5000.000	5194.420	25748.10	0.0794	P	1.0
7	☐	10000.000	10176.618	49497.05	0.1549	P	2.5
8	☐	20000.000	19839.961	96528.07	0.3013	P	2.4
9	☐			222.23	0.0007	P	7.8

$$y = 1.5155\text{E-}005 * x + 6.6725\text{E-}004$$

$$R = 0.9999$$

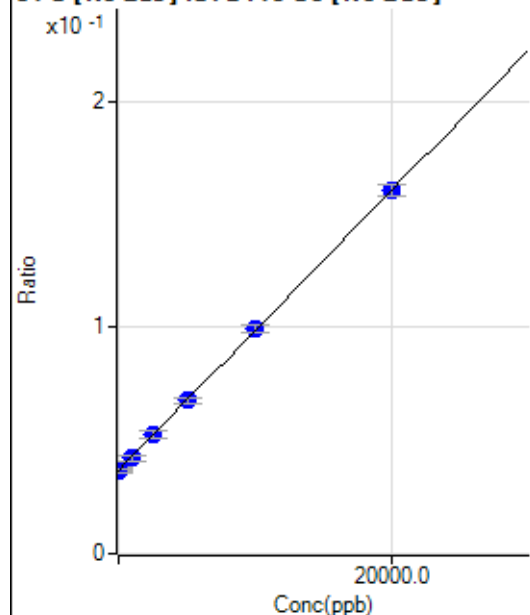
$$DL = 25.66$$

$$BEC = 44.03$$

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	101.709	264247.11	0.0375	P	5.8
2	☐	0.000					
3	☐	0.000	-101.709	265646.77	0.0362	P	4.7
4	☐	1000.000	842.174	312373.28	0.0421	P	5.5
5	☐	2500.000	2599.775	390177.29	0.0530	P	6.1
6	☐	5000.000	4960.209	510952.91	0.0676	P	3.0
7	☐	10000.000	10109.124	747304.53	0.0994	P	3.0
8	☐	20000.000	19950.805	1207677.62	0.1603	P	3.1
9	☐			261289.29	0.0352	P	5.0

$$y = 6.1842\text{E-}006 * x + 0.0369$$

$$R = 0.9999$$

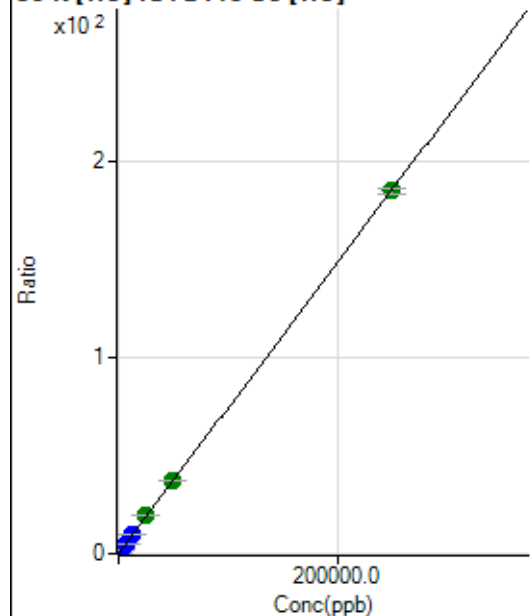
$$DL = 941.8$$

$$BEC = 5963$$

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	22044.84	0.0663	P	1.6
2	☐	50.000					
3	☐	500.000	456.263	127752.19	0.4039	P	2.8
4	☐	2500.000	2669.904	667827.85	2.0417	P	1.4
5	☐	6250.000	6735.757	1621813.10	5.0498	P	2.7
6	☐	12500.000	13435.402	3245596.51	10.0066	P	0.8
7	☐	25000.000	26339.929	6249032.21	19.5541	A	1.3
8	☐	50000.000	50243.332	11930239.68	37.2393	A	1.5
9	☐	250000.00	249756.81	59062264.51	184.8511	A	1.7

$$y = 7.3986\text{E-}004 * x + 0.0663$$

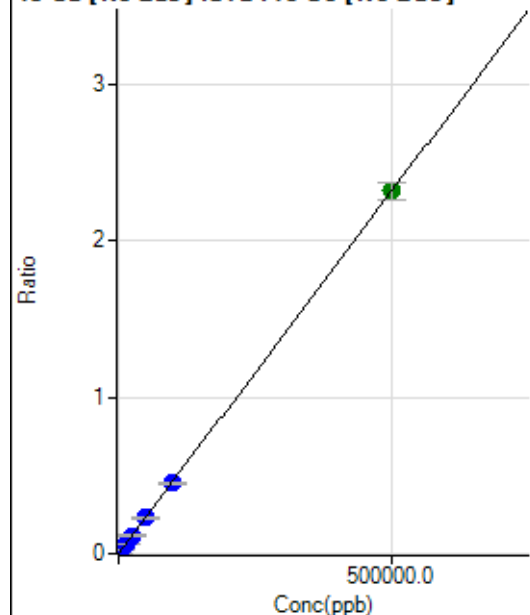
$$R = 1.0000$$

$$DL = 4.312$$

$$BEC = 89.62$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	213.90	0.0000	P	4.5
2	☐	50.000					
3	☐	500.000	461.760	15928.68	0.0022	P	1.5
4	☐	5000.000	5056.896	174377.64	0.0235	P	3.6
5	☐	12500.000	12937.152	442329.81	0.0600	P	6.0
6	☐	25000.000	24960.008	875679.37	0.1158	P	3.7
7	☐	50000.000	49408.913	1723061.52	0.2292	P	3.0
8	☐	100000.00	97347.706	3402698.86	0.4515	P	2.8
9	☐	500000.00	500580.10	17253222.95	2.3215	A	4.6

$$y = 4.6376\text{E-}006 * x + 3.0261\text{E-}005$$

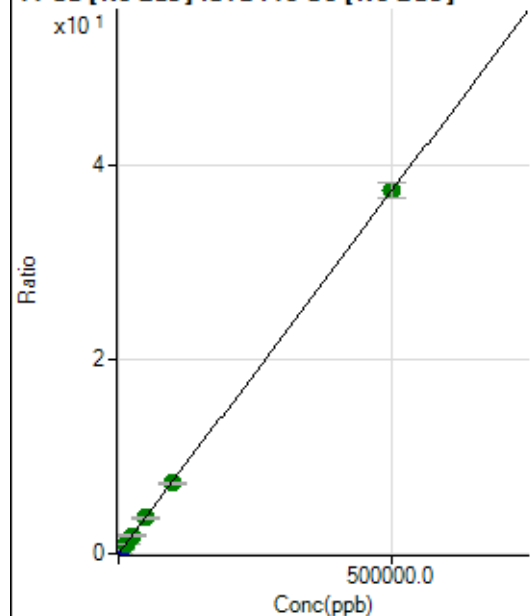
$$R = 1.0000$$

$$DL = 0.8811$$

$$BEC = 6.525$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	13012.07	0.0018	P	6.4
2	☐	50.000					
3	☐	500.000	469.771	270687.17	0.0369	P	3.8
4	☐	5000.000	5088.078	2835253.54	0.3818	P	3.5
5	☐	12500.000	12995.087	7163025.42	0.9722	A	6.4
6	☐	25000.000	24939.885	14099539.72	1.8642	A	3.4
7	☐	50000.000	49515.663	27813576.66	3.6994	A	3.2
8	☐	100000.00	97354.439	54803040.11	7.2717	A	2.8
9	☐	500000.00	500567.32	277829667.3	37.3812	A	4.3

$$y = 7.4674\text{E-}005 * x + 0.0018$$

$$R = 1.0000$$

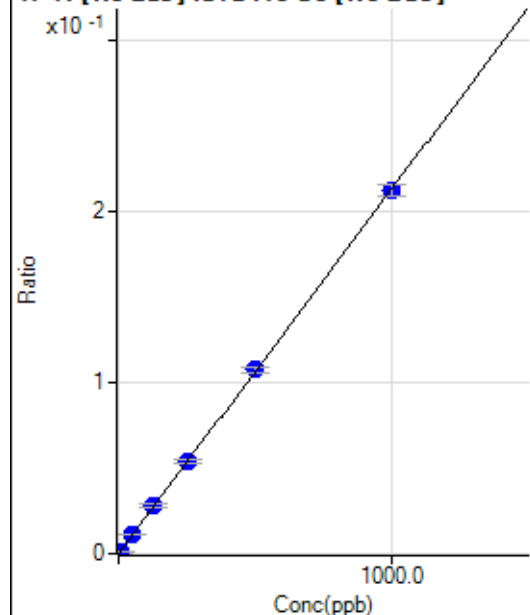
$$DL = 4.777$$

$$BEC = 24.74$$

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	133.35	0.0000	P	33.1
2	☐	0.500					
3	☐	5.000	4.740	7521.68	0.0010	P	5.5
4	☐	50.000	51.697	81743.46	0.0110	P	1.9
5	☐	125.000	131.717	206367.09	0.0280	P	5.8
6	☐	250.000	253.442	407456.16	0.0539	P	2.8
7	☐	500.000	504.742	806448.33	0.1073	P	3.1
8	☐	1000.000	995.845	1594650.78	0.2116	P	3.1
9	☐			1325.11	0.0002	P	9.4

$$y = 2.1247\text{E-}004 * x + 1.8936\text{E-}005$$

$$R = 1.0000$$

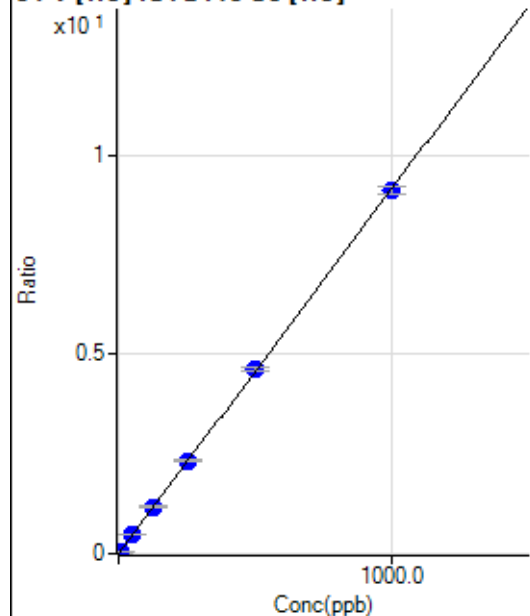
$$DL = 0.08849$$

$$BEC = 0.08912$$

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	30.9
2	☐	0.500					
3	☐	5.000	4.729	13721.01	0.0434	P	1.7
4	☐	50.000	50.825	152212.00	0.4654	P	2.2
5	☐	125.000	128.012	376435.46	1.1720	P	2.3
6	☐	250.000	255.098	757491.57	2.3355	P	1.3
7	☐	500.000	506.600	1482151.49	4.6380	P	1.7
8	☐	1000.000	995.009	2918276.87	9.1094	P	2.0
9	☐			971.16	0.0030	P	5.5

$$y = 0.0092 * x + 7.3439\text{E-}005$$

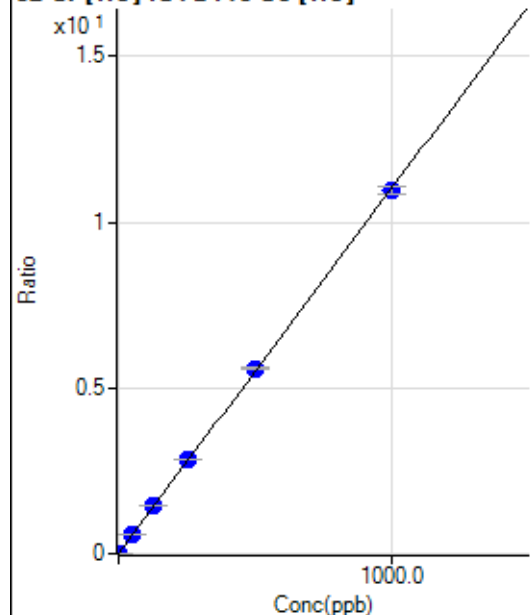
$$R = 1.0000$$

$$DL = 0.00744$$

$$BEC = 0.008022$$

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	1705.68	0.0051	P	3.1
2	☐	0.200					
3	☐	2.000	2.046	8749.36	0.0277	P	3.2
4	☐	50.000	52.101	189302.00	0.5788	P	2.1
5	☐	125.000	130.536	463259.78	1.4424	P	2.7
6	☐	250.000	257.320	920650.05	2.8385	P	0.8
7	☐	500.000	507.264	1786578.17	5.5906	P	1.5
8	☐	1000.000	993.741	3506922.59	10.9471	P	2.3
9	☐			106665.84	0.3340	P	3.0

$$y = 0.0110 * x + 0.0051$$

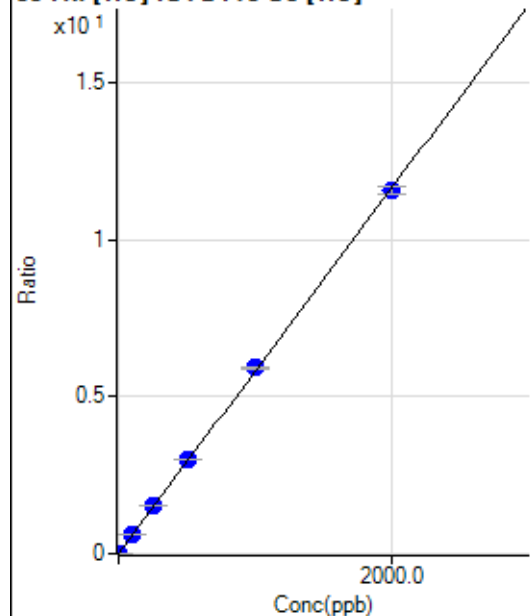
$$R = 0.9999$$

$$DL = 0.04391$$

$$BEC = 0.4659$$

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	93.34	0.0003	P	3.4
2	☐	0.100					
3	☐	1.000	1.018	1963.50	0.0062	P	1.8
4	☐	100.000	104.025	198069.22	0.6056	P	2.0
5	☐	250.000	261.770	489334.00	1.5236	P	2.4
6	☐	500.000	515.201	972525.58	2.9983	P	0.7
7	☐	1000.000	1016.978	1891293.82	5.9182	P	1.3
8	☐	2000.000	1986.038	3702511.47	11.5573	P	2.2
9	☐			14179.24	0.0444	P	5.5

$$y = 0.0058 * x + 2.8071E-004$$

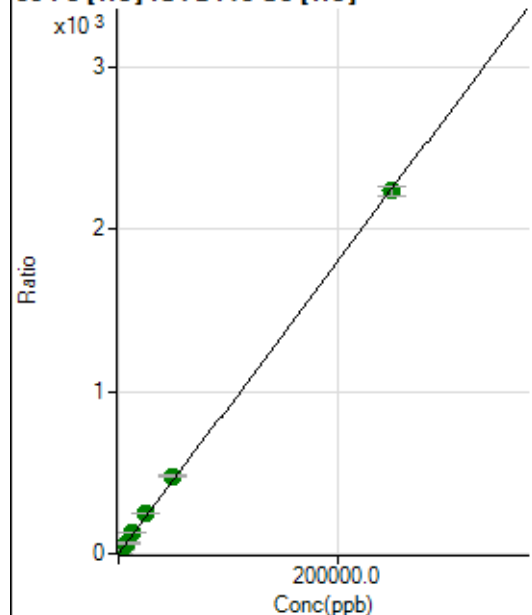
$$R = 0.9999$$

$$DL = 0.004943$$

$$BEC = 0.04824$$

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	3565.35	0.0107	P	4.0
2	☐	5.000					
3	☐	50.000	48.361	140765.42	0.4449	P	1.6
4	☐	2500.000	2866.818	8420402.79	25.7470	A	2.1
5	☐	6250.000	7248.597	20904870.84	65.0835	A	2.3
6	☐	12500.000	14210.073	41380018.98	127.5787	A	0.7
7	☐	25000.000	27969.018	80244883.28	251.0969	A	1.1
8	☐	50000.000	53036.982	152537484.8	476.1394	A	2.0
9	☐	250000.00	248981.56	714020941.8	2,235.191	A	2.4

$$y = 0.0090 * x + 0.0107$$

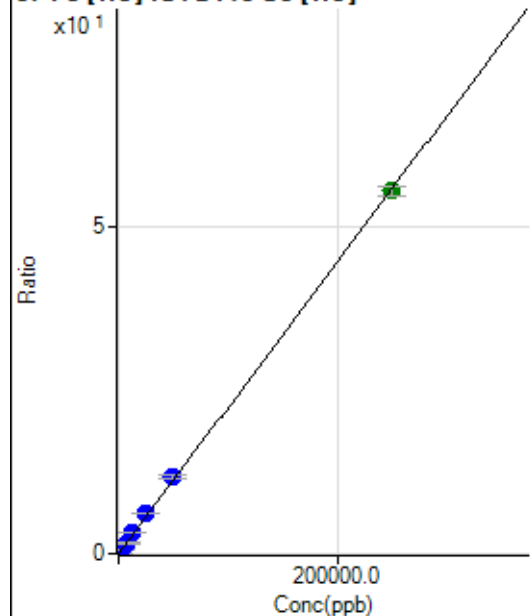
$$R = 0.9999$$

$$DL = 0.1435$$

$$BEC = 1.195$$

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	90.74	0.0003	P	10.1
2	☐	5.000					
3	☐	50.000	48.508	3500.52	0.0111	P	2.6
4	☐	2500.000	2867.547	208604.18	0.6378	P	2.4
5	☐	6250.000	7243.233	517304.52	1.6107	P	2.7
6	☐	12500.000	14197.398	1023883.33	3.1568	P	1.0
7	☐	25000.000	27870.609	1980293.84	6.1968	P	1.6
8	☐	50000.000	52809.012	3761487.73	11.7414	P	2.7
9	☐	250000.00	249037.76	17686738.82	55.3694	A	2.6

$$y = 2.2233E-004 * x + 2.7305E-004$$

$$R = 0.9999$$

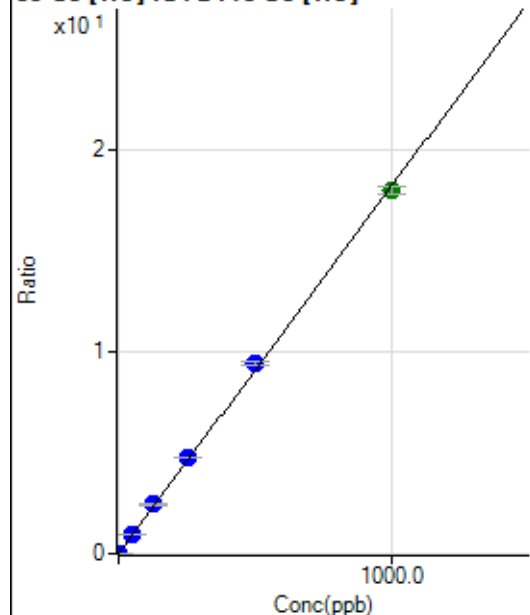
$$DL = 0.3706$$

$$BEC = 1.228$$

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	235.56	0.0007	P	6.4
2	☐	0.100					
3	☐	1.000	0.970	5809.01	0.0184	P	1.3
4	☐	50.000	53.105	316250.31	0.9669	P	1.9
5	☐	125.000	134.040	783548.89	2.4395	P	2.4
6	☐	250.000	261.798	1545155.72	4.7640	P	1.3
7	☐	500.000	516.966	3006077.14	9.4068	P	1.8
8	☐	1000.000	987.282	5755148.66	17.9640	A	2.0
9	☐			7785.51	0.0244	P	4.5

$$y = 0.0182 * x + 7.0841E-004$$

$$R = 0.9997$$

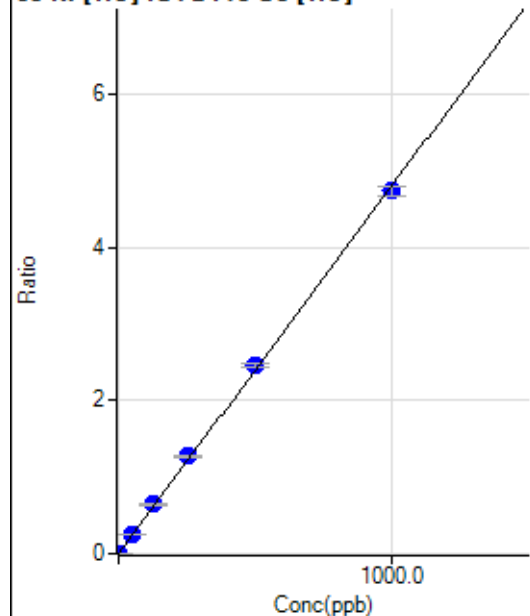
$$DL = 0.007515$$

$$BEC = 0.03894$$

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	102.22	0.0003	P	6.8
2	☐	0.100					
3	☐	1.000	1.079	1740.13	0.0055	P	5.0
4	☐	50.000	54.105	85138.89	0.2603	P	1.8
5	☐	125.000	134.752	208079.37	0.6478	P	2.5
6	☐	250.000	264.482	412327.87	1.2712	P	0.6
7	☐	500.000	514.726	790512.07	2.4737	P	2.0
8	☐	1000.000	987.592	1520451.51	4.7460	P	2.5
9	☐			28000.25	0.0877	P	2.4

$$y = 0.0048 * x + 3.0746E-004$$

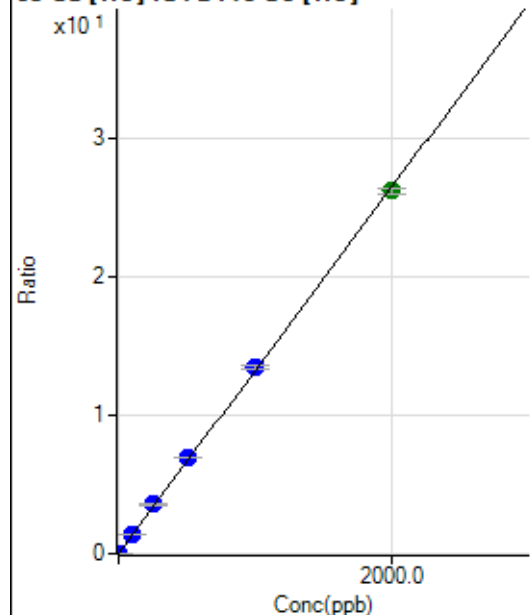
$$R = 0.9997$$

$$DL = 0.01309$$

$$BEC = 0.06398$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3728.32	0.0112	P	4.0
2	☐	0.200					
3	☐	2.000	2.041	12099.60	0.0382	P	3.2
4	☐	100.000	106.728	466225.09	1.4253	P	1.1
5	☐	250.000	267.598	1142501.86	3.5568	P	2.0
6	☐	500.000	522.898	2250823.18	6.9394	P	0.6
7	☐	1000.000	1021.474	4328605.49	13.5453	P	2.1
8	☐	2000.000	1981.002	8412971.40	26.2586	A	1.6
9	☐			14836.57	0.0464	P	2.6

$$y = 0.0132 * x + 0.0112$$

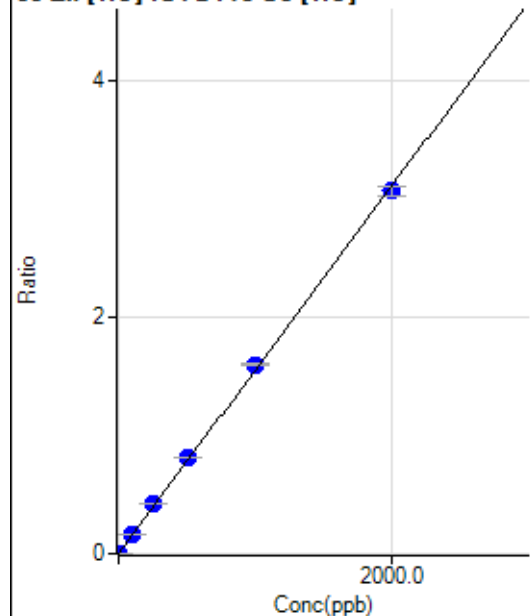
$$R = 0.9998$$

$$DL = 0.1006$$

$$BEC = 0.8463$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	212.23	0.0006	P	8.6
2	☐	0.200					
3	☐	2.000	1.970	1171.18	0.0037	P	5.4
4	☐	100.000	108.216	55198.42	0.1688	P	2.4
5	☐	250.000	270.045	134990.30	0.4202	P	2.4
6	☐	500.000	526.282	265443.79	0.8184	P	0.7
7	☐	1000.000	1030.239	511769.93	1.6014	P	1.5
8	☐	2000.000	1975.393	983530.27	3.0700	P	2.4
9	☐			4793.08	0.0150	P	0.9

$$y = 0.0016 * x + 6.3828E-004$$

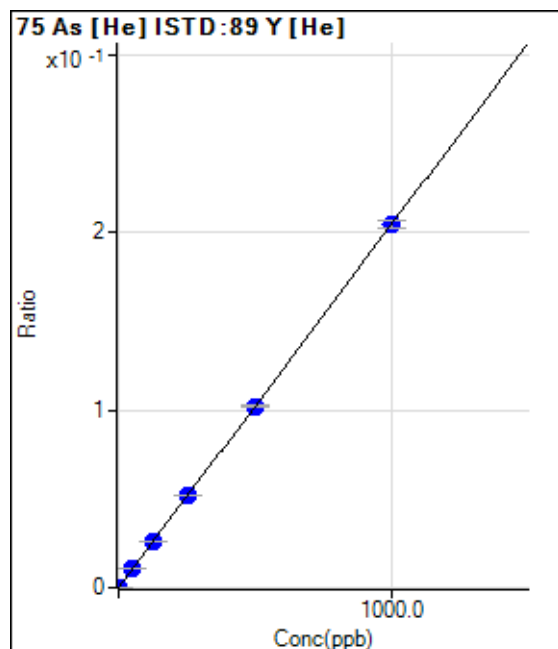
$$R = 0.9997$$

$$DL = 0.1057$$

$$BEC = 0.4108$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	24.69	0.0000	P	26.6
2	☐	0.100					
3	☐	1.000	0.871	353.10	0.0002	P	10.2
4	☐	50.000	50.973	20021.26	0.0104	P	1.2
5	☐	125.000	127.258	48962.90	0.0260	P	3.2
6	☐	250.000	252.954	98179.74	0.0517	P	0.8
7	☐	500.000	500.029	190496.20	0.1021	P	1.7
8	☐	1000.000	998.916	376374.24	0.2040	P	2.1
9	☐			695.70	0.0004	P	8.4

$$y = 2.0425\text{E-}004 * x + 1.2589\text{E-}005$$

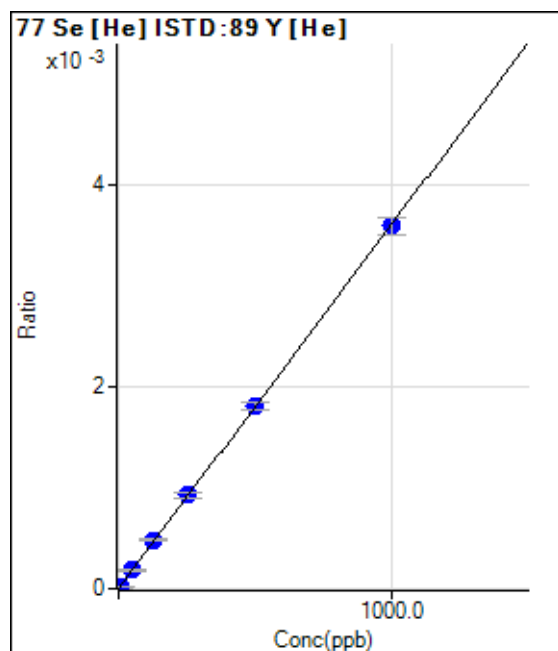
$$R = 1.0000$$

$$DL = 0.04923$$

$$BEC = 0.06164$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3.33	0.0000	P	173.
2	☐	0.500					
3	☐	5.000	3.151	24.45	0.0000	P	40.3
4	☐	50.000	50.867	355.57	0.0002	P	10.3
5	☐	125.000	132.584	904.49	0.0005	P	4.1
6	☐	250.000	256.226	1760.14	0.0009	P	5.2
7	☐	500.000	502.236	3384.90	0.0018	P	4.8
8	☐	1000.000	996.344	6638.28	0.0036	P	4.5
9	☐			18.89	0.0000	P	58.1

$$y = 3.6105\text{E-}006 * x + 1.6834\text{E-}006$$

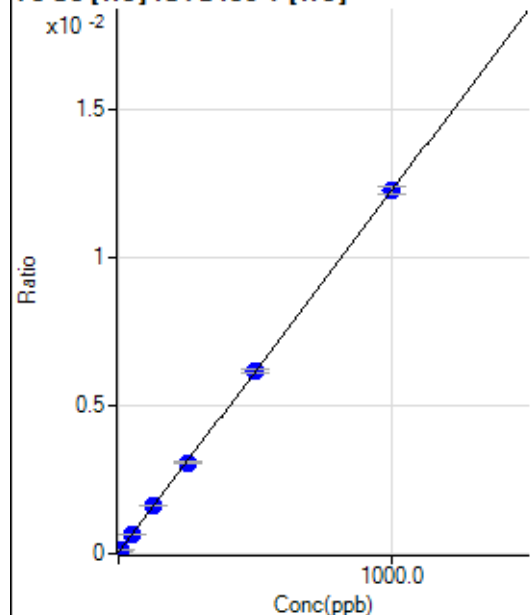
$$R = 0.9999$$

$$DL = 2.423$$

$$BEC = 0.4662$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	82.10	0.0000	P	18.3
2	☐	0.500					
3	☐	5.000	5.198	195.06	0.0001	P	3.8
4	☐	50.000	47.961	1204.38	0.0006	P	2.8
5	☐	125.000	127.568	3012.07	0.0016	P	0.8
6	☐	250.000	248.021	5829.00	0.0031	P	1.1
7	☐	500.000	500.730	11471.28	0.0062	P	2.4
8	☐	1000.000	999.910	22581.19	0.0122	P	2.0
9	☐			159.26	0.0001	P	17.2

$$y = 1.2201\text{E-}005 * x + 4.1788\text{E-}005$$

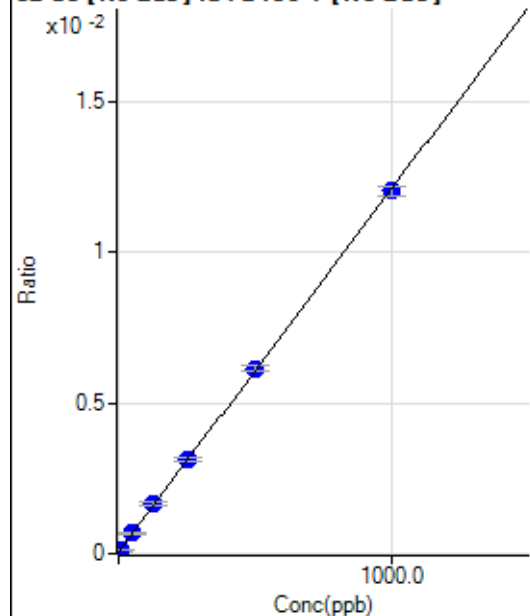
$$R = 1.0000$$

$$DL = 1.882$$

$$BEC = 3.425$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	754.81	0.0001	P	3.0
2	☐	0.500					
3	☐	5.000	5.309	1651.39	0.0001	P	1.7
4	☐	50.000	51.106	9233.80	0.0007	P	1.3
5	☐	125.000	132.404	22333.74	0.0017	P	5.7
6	☐	250.000	254.562	43394.98	0.0031	P	3.7
7	☐	500.000	506.416	84802.16	0.0062	P	2.8
8	☐	1000.000	994.669	165734.17	0.0120	P	2.6
9	☐			1211.54	0.0001	P	7.6

$$y = 1.2050\text{E-}005 * x + 5.7576\text{E-}005$$

$$R = 0.9999$$

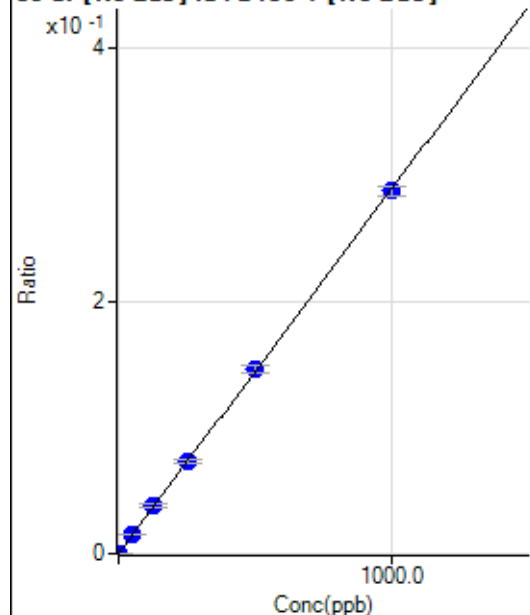
$$DL = 0.4303$$

$$BEC = 4.778$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	838.95	0.0001	P	3.0
2	☐	0.100					
3	☐	1.000	0.954	4609.26	0.0003	P	1.6
4	☐	50.000	51.057	202717.32	0.0148	P	2.9
5	☐	125.000	130.786	510265.05	0.0378	P	6.5
6	☐	250.000	254.130	1018577.48	0.0733	P	3.3
7	☐	500.000	505.883	2008974.26	0.1459	P	3.3
8	☐	1000.000	995.250	3950352.35	0.2871	P	2.7
9	☐			129676.03	0.0098	P	3.8

$$y = 2.8837\text{E-}004 * x + 6.4041\text{E-}005$$

$$R = 1.0000$$

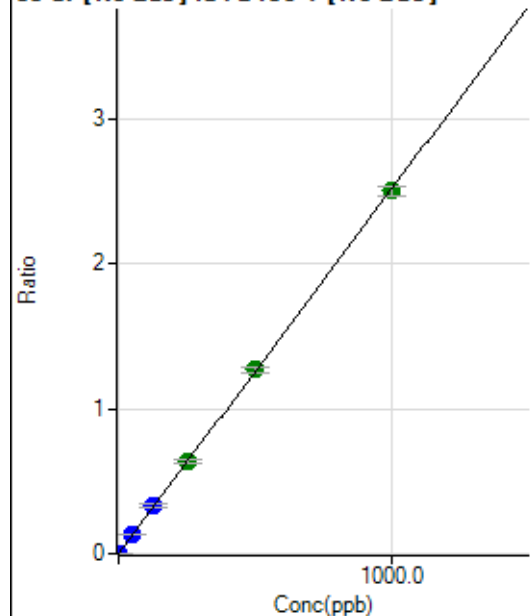
$$DL = 0.01983$$

$$BEC = 0.2221$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	177.79	0.0000	P	22.7
2	☐	0.100					
3	☐	1.000	1.003	34389.37	0.0025	P	2.4
4	☐	50.000	51.553	1775307.35	0.1295	P	2.5
5	☐	125.000	132.300	4488917.03	0.3323	P	6.1
6	☐	250.000	254.536	8878298.37	0.6393	A	3.2
7	☐	500.000	505.226	17467860.98	1.2689	A	3.1
8	☐	1000.000	995.263	34399817.44	2.4997	A	2.6
9	☐			1128145.95	0.0851	P	3.1

$$y = 0.0025 * x + 1.3562\text{E-}005$$

$$R = 0.9999$$

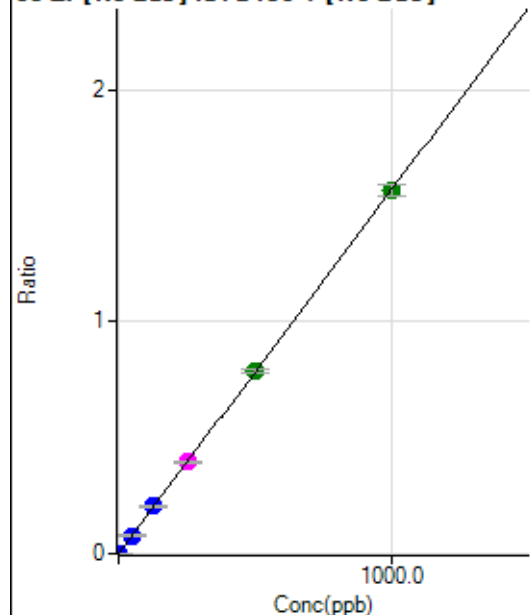
$$DL = 0.003678$$

$$BEC = 0.0054$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	841.73	0.0001	P	11.0
2	☐	0.100					
3	☐	1.000	0.835	18660.04	0.0014	P	1.9
4	☐	50.000	50.174	1080178.06	0.0788	P	2.0
5	☐	125.000	130.033	2757262.02	0.2041	P	5.8
6	☐	250.000	252.527	5503738.62	0.3963	M	2.6
7	☐	500.000	502.508	10854461.44	0.7885	A	2.9
8	☐	1000.000	997.476	21534454.65	1.5651	A	3.3
9	☐			5304.01	0.0004	P	8.0

$$y = 0.0016 * x + 6.3944E-005$$

$$R = 1.0000$$

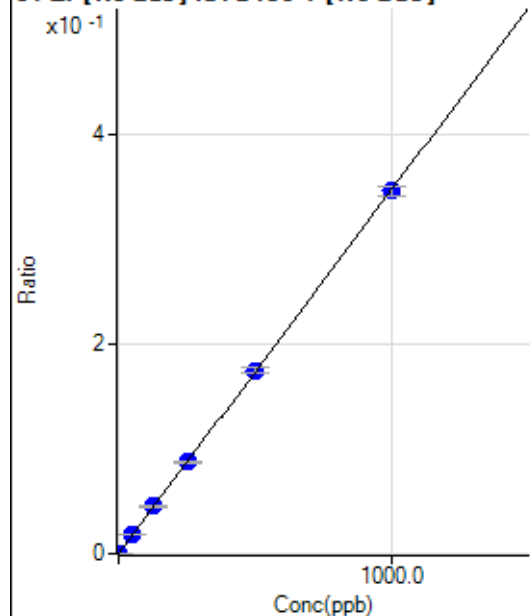
$$DL = 0.01344$$

$$BEC = 0.04076$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	188.90	0.0000	P	6.3
2	☐	0.100					
3	☐	1.000	0.856	4225.80	0.0003	P	4.9
4	☐	50.000	50.676	241155.07	0.0176	P	1.3
5	☐	125.000	129.931	608950.32	0.0451	P	5.7
6	☐	250.000	251.446	1211169.07	0.0872	P	2.9
7	☐	500.000	503.197	2402288.03	0.1745	P	3.0
8	☐	1000.000	997.390	4759516.08	0.3459	P	3.0
9	☐			1130.65	0.0001	P	4.8

$$y = 3.4677E-004 * x + 1.4434E-005$$

$$R = 1.0000$$

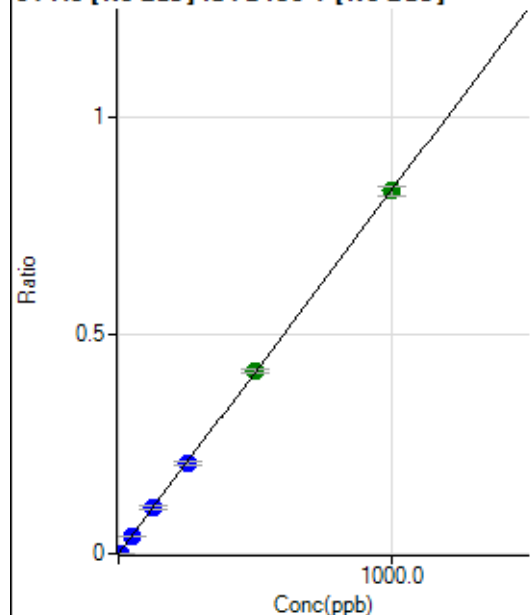
$$DL = 0.007887$$

$$BEC = 0.04162$$

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	383.36	0.0000	P	19.3
2	☐	0.500					
3	☐	5.000	1.945	22359.98	0.0016	P	3.6
4	☐	50.000	49.443	563957.78	0.0411	P	1.9
5	☐	125.000	127.482	1432130.89	0.1060	P	5.8
6	☐	250.000	248.105	2864812.30	0.2063	P	3.0
7	☐	500.000	502.797	5754314.97	0.4180	A	3.0
8	☐	1000.000	998.808	11426740.71	0.8303	A	2.6
9	☐			26425.27	0.0020	P	6.1

$$y = 8.3131\text{E-}004 * x + 2.9383\text{E-}005$$

$$R = 1.0000$$

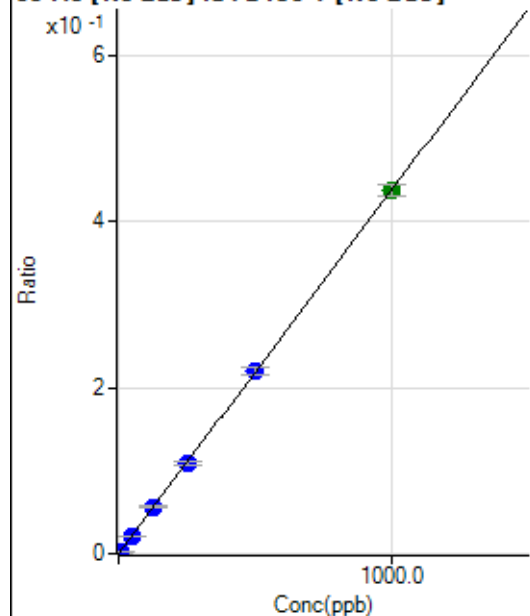
$$DL = 0.02043$$

$$BEC = 0.03534$$

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	252.79	0.0000	P	26.0
2	☐	0.500					
3	☐	5.000	4.641	27844.83	0.0021	P	3.5
4	☐	50.000	49.689	298509.96	0.0218	P	1.5
5	☐	125.000	129.040	763392.32	0.0565	P	5.8
6	☐	250.000	249.447	1516774.62	0.1092	P	2.9
7	☐	500.000	502.394	3027492.17	0.2199	P	3.4
8	☐	1000.000	998.454	6014626.65	0.4371	A	3.2
9	☐			42709.35	0.0032	P	7.7

$$y = 4.3775\text{E-}004 * x + 1.9130\text{E-}005$$

$$R = 1.0000$$

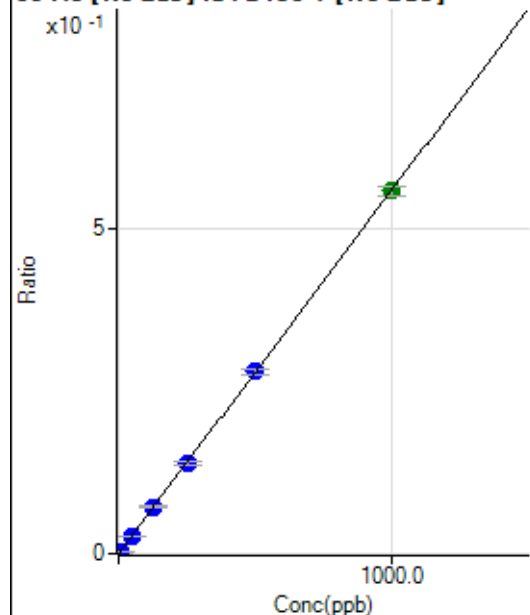
$$DL = 0.0341$$

$$BEC = 0.0437$$

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	336.13	0.0000	P	26.9
2	☐	0.500					
3	☐	5.000	4.058	31229.65	0.0023	P	3.0
4	☐	50.000	49.042	377023.17	0.0275	P	1.5
5	☐	125.000	128.804	975269.88	0.0722	P	5.3
6	☐	250.000	249.059	1937870.25	0.1395	P	2.9
7	☐	500.000	501.352	3866308.60	0.2809	P	3.0
8	☐	1000.000	999.136	7701551.21	0.5597	A	2.9
9	☐			52695.60	0.0040	P	4.4

$$y = 5.6015\text{E-}004 * x + 2.5637\text{E-}005$$

$$R = 1.0000$$

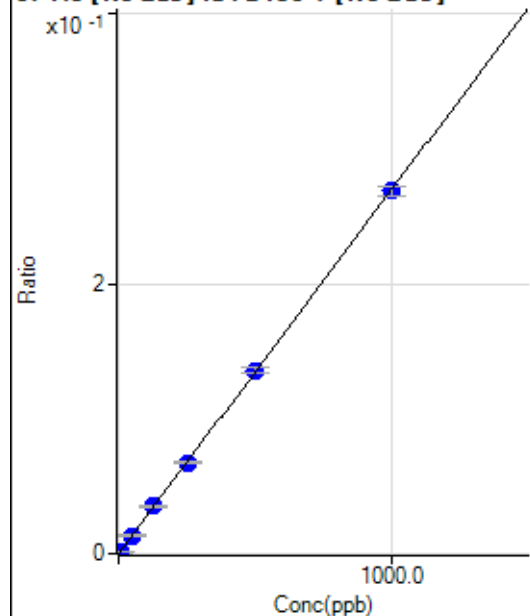
$$DL = 0.03688$$

$$BEC = 0.04577$$

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	186.12	0.0000	P	11.6
2	☐	0.500					
3	☐	5.000	4.707	17414.12	0.0013	P	2.9
4	☐	50.000	49.967	184734.05	0.0135	P	1.6
5	☐	125.000	129.634	471894.66	0.0349	P	6.0
6	☐	250.000	249.966	935194.99	0.0673	P	3.3
7	☐	500.000	504.503	1870876.07	0.1359	P	2.9
8	☐	1000.000	997.181	3696156.81	0.2686	P	3.0
9	☐			27137.94	0.0020	P	6.0

$$y = 2.6936\text{E-}004 * x + 1.4246\text{E-}005$$

$$R = 1.0000$$

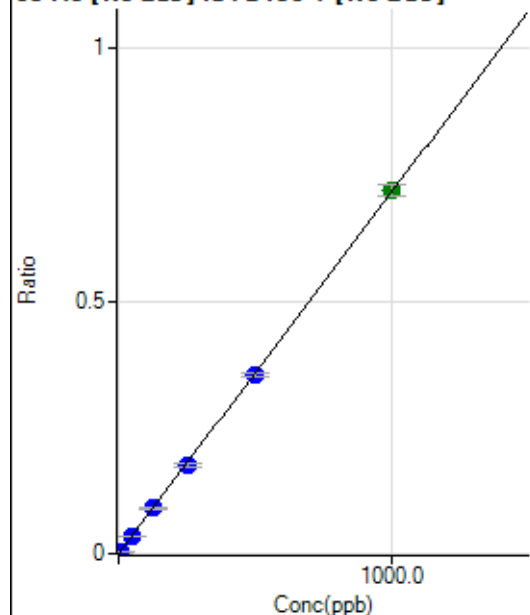
$$DL = 0.01846$$

$$BEC = 0.05289$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	436.14	0.0000	P	7.9
2	☐	0.500					
3	☐	5.000	4.599	45088.90	0.0033	P	3.9
4	☐	50.000	48.520	476009.92	0.0347	P	1.4
5	☐	125.000	125.945	1216612.51	0.0901	P	6.0
6	☐	250.000	245.390	2436194.13	0.1754	P	3.6
7	☐	500.000	494.975	4871172.77	0.3538	P	2.8
8	☐	1000.000	1003.623	9871703.61	0.7174	A	3.2
9	☐			68579.85	0.0052	P	4.6

$$y = 7.1481\text{E-}004 * x + 3.3348\text{E-}005$$

$$R = 1.0000$$

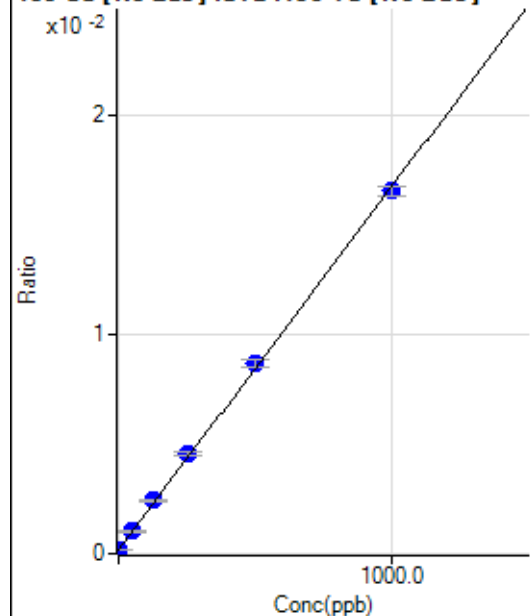
$$DL = 0.01111$$

$$BEC = 0.04665$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2855.98	0.0002	P	7.8
2	☐	0.100					
3	☐	1.000	1.259	3336.67	0.0002	P	0.9
4	☐	50.000	51.795	17845.21	0.0010	P	4.8
5	☐	125.000	135.796	41712.77	0.0024	P	6.4
6	☐	250.000	262.930	79196.64	0.0045	P	3.5
7	☐	500.000	512.859	152501.62	0.0087	P	4.1
8	☐	1000.000	988.899	289679.31	0.0166	P	2.5
9	☐			2839.30	0.0002	P	4.2

$$y = 1.6563\text{E-}005 * x + 1.7290\text{E-}004$$

$$R = 0.9997$$

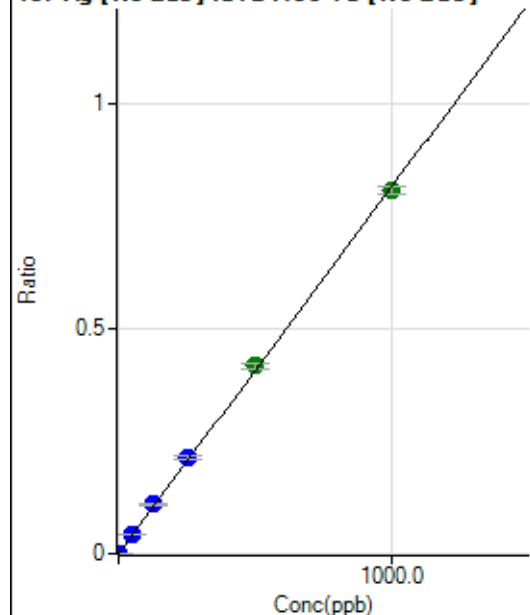
$$DL = 2.429$$

$$BEC = 10.44$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	86.12	0.0000	P	7.5
2	☐	0.100					
3	☐	1.000	0.999	14057.47	0.0008	P	5.8
4	☐	50.000	53.289	750380.62	0.0433	P	3.0
5	☐	125.000	135.280	1894796.14	0.1100	P	5.5
6	☐	250.000	262.495	3732679.03	0.2134	P	3.3
7	☐	500.000	511.549	7319165.18	0.4159	A	3.1
8	☐	1000.000	989.652	14081382.08	0.8046	A	2.2
9	☐			1344.57	0.0001	P	1.9

$$y = 8.1300\text{E-}004 * x + 5.2219\text{E-}006$$

$$R = 0.9998$$

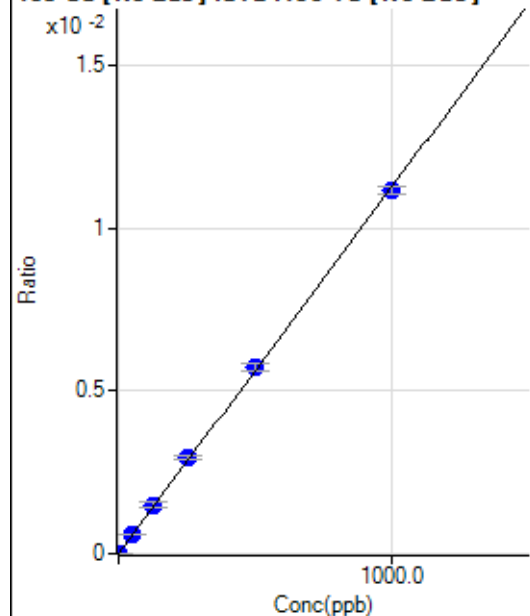
$$DL = 0.001446$$

$$BEC = 0.006423$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	9.72	0.0000	P	50.0
2	☐	0.100					
3	☐	1.000	1.152	233.34	0.0000	P	11.7
4	☐	50.000	53.351	10416.54	0.0006	P	2.6
5	☐	125.000	133.531	25885.06	0.0015	P	8.5
6	☐	250.000	263.447	51892.02	0.0030	P	4.1
7	☐	500.000	509.805	101012.34	0.0057	P	4.5
8	☐	1000.000	990.502	195227.68	0.0112	P	2.1
9	☐			90.28	0.0000	P	13.3

$$y = 1.1261\text{E-}005 * x + 5.8976\text{E-}007$$

$$R = 0.9998$$

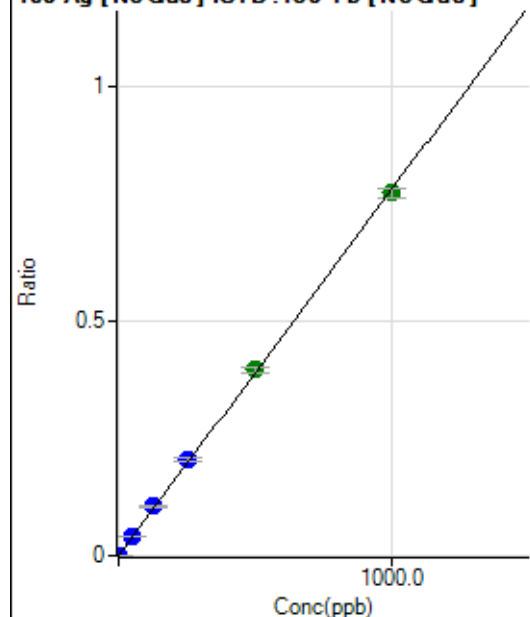
$$DL = 0.0785$$

$$BEC = 0.05237$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	55.56	0.0000	P	63.4
2	☐	0.100					
3	☐	1.000	1.010	13632.13	0.0008	P	5.0
4	☐	50.000	53.346	721631.70	0.0417	P	3.3
5	☐	125.000	135.009	1816786.74	0.1055	P	5.5
6	☐	250.000	263.394	3598291.83	0.2057	P	3.6
7	☐	500.000	507.504	6975153.54	0.3964	A	3.9
8	☐	1000.000	991.481	13553303.95	0.7745	A	2.6
9	☐			1322.35	0.0001	P	4.4

$$y = 7.8110E-004 * x + 3.4216E-006$$

$$R = 0.9998$$

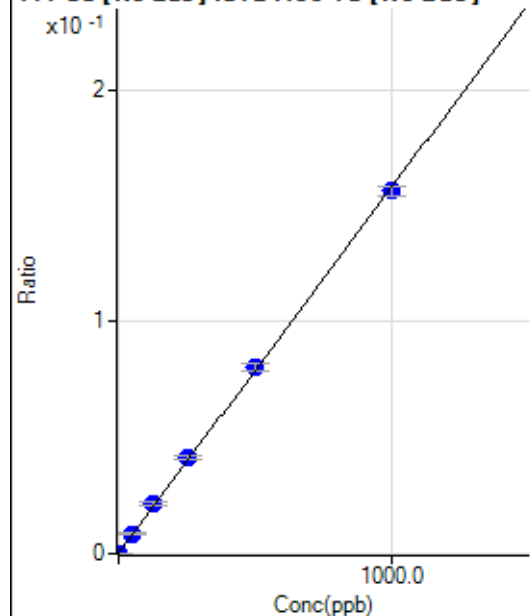
$$DL = 0.008334$$

$$BEC = 0.004381$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2039.60	0.0001	P	7.4
2	☐	0.100					
3	☐	1.000	0.998	4837.92	0.0003	P	1.4
4	☐	50.000	53.366	148039.15	0.0085	P	3.8
5	☐	125.000	135.710	371153.72	0.0216	P	6.2
6	☐	250.000	263.185	728902.09	0.0417	P	3.8
7	☐	500.000	509.364	1417328.66	0.0805	P	3.7
8	☐	1000.000	990.514	2739093.46	0.1565	P	2.8
9	☐			2716.03	0.0002	P	2.2

$$y = 1.5789E-004 * x + 1.2349E-004$$

$$R = 0.9998$$

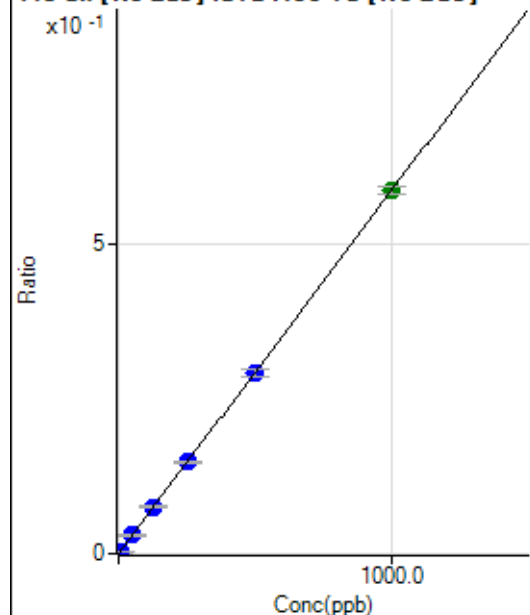
$$DL = 0.1729$$

$$BEC = 0.7821$$

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	755.61	0.0000	P	7.2
2	☐	0.500					
3	☐	5.000	4.847	49583.12	0.0029	P	3.5
4	☐	50.000	50.520	512531.51	0.0296	P	3.4
5	☐	125.000	129.174	1302253.35	0.0756	P	5.9
6	☐	250.000	252.413	2583162.06	0.1477	P	3.5
7	☐	500.000	498.959	5135715.69	0.2919	P	4.4
8	☐	1000.000	999.370	10232476.01	0.5846	A	2.2
9	☐			12111.26	0.0007	P	9.9

$$y = 5.8495E-004 * x + 4.5846E-005$$

$$R = 1.0000$$

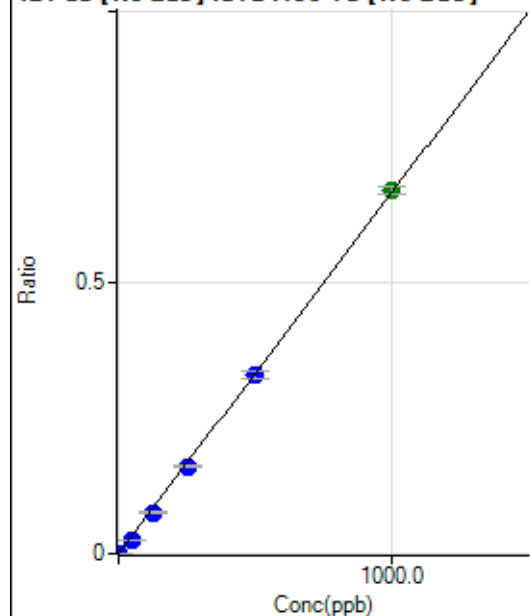
$$DL = 0.01685$$

$$BEC = 0.07838$$

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	530.59	0.0000	P	25.3
2	☐	0.200					
3	☐	2.000	1.832	21508.94	0.0012	P	3.3
4	☐	50.000	38.381	442481.52	0.0255	P	2.6
5	☐	125.000	113.760	1303533.81	0.0757	P	5.4
6	☐	250.000	241.440	2808158.48	0.1605	P	3.1
7	☐	500.000	497.679	5822029.43	0.3309	P	4.1
8	☐	1000.000	1005.287	11698009.03	0.6684	A	2.1
9	☐			79227.00	0.0047	P	3.4

$$y = 6.6483E-004 * x + 3.2091E-005$$

$$R = 0.9999$$

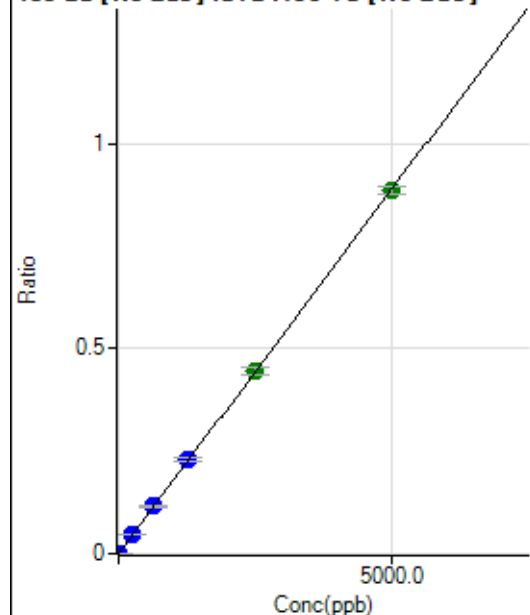
$$DL = 0.03659$$

$$BEC = 0.04827$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	83.34	0.0000	P	40.8
2	☐	1.000					
3	☐	10.000	9.597	29396.02	0.0017	P	2.9
4	☐	250.000	256.835	789425.90	0.0456	P	3.1
5	☐	625.000	650.987	1990171.01	0.1155	P	5.7
6	☐	1250.000	1288.148	3998277.61	0.2286	P	3.6
7	☐	2500.000	2509.230	7834640.45	0.4453	A	4.4
8	☐	5000.000	4982.259	15475286.28	0.8842	A	2.0
9	☐			4839.95	0.0003	P	6.8

$$y = 1.7747\text{E-}004 * x + 4.9738\text{E-}006$$

$$R = 1.0000$$

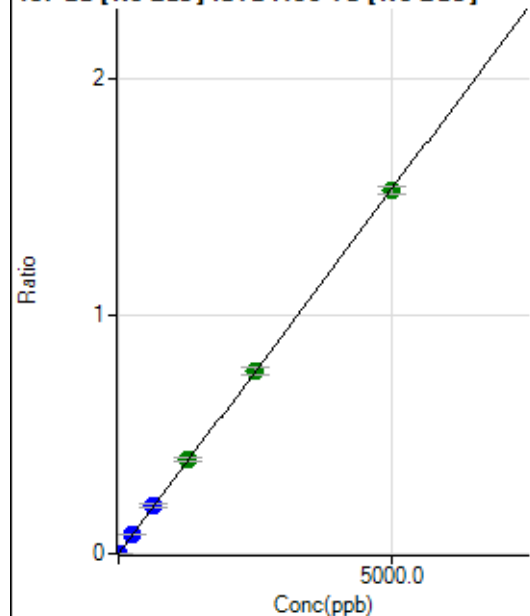
$$DL = 0.03432$$

$$BEC = 0.02803$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	116.67	0.0000	P	14.9
2	☐	1.000					
3	☐	10.000	9.658	51028.21	0.0030	P	2.5
4	☐	250.000	260.018	1379239.26	0.0796	P	2.9
5	☐	625.000	660.805	3485971.00	0.2024	P	5.9
6	☐	1250.000	1283.838	6876282.97	0.3932	A	3.9
7	☐	2500.000	2512.871	13539447.18	0.7696	A	4.5
8	☐	5000.000	4980.129	26693689.49	1.5252	A	2.1
9	☐			8436.25	0.0005	P	4.5

$$y = 3.0626\text{E-}004 * x + 7.0399\text{E-}006$$

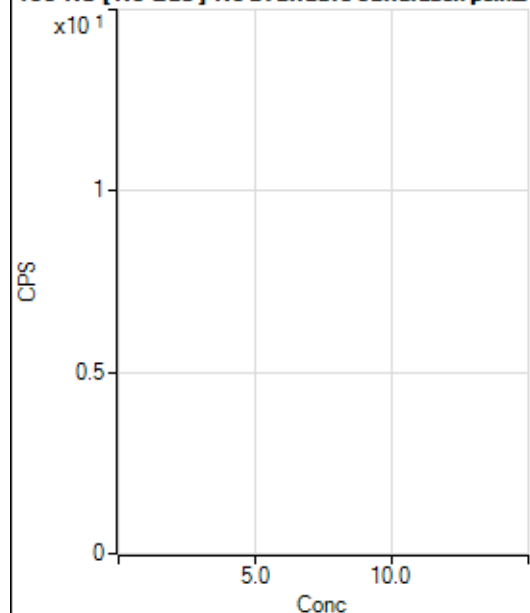
$$R = 1.0000$$

$$DL = 0.01025$$

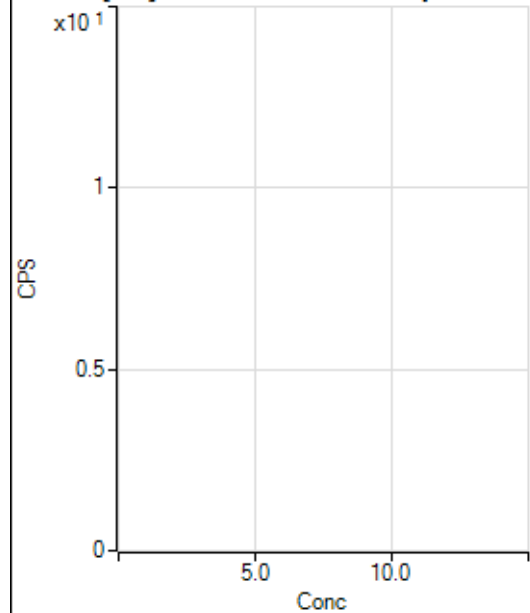
$$BEC = 0.02299$$

Weight: <None>

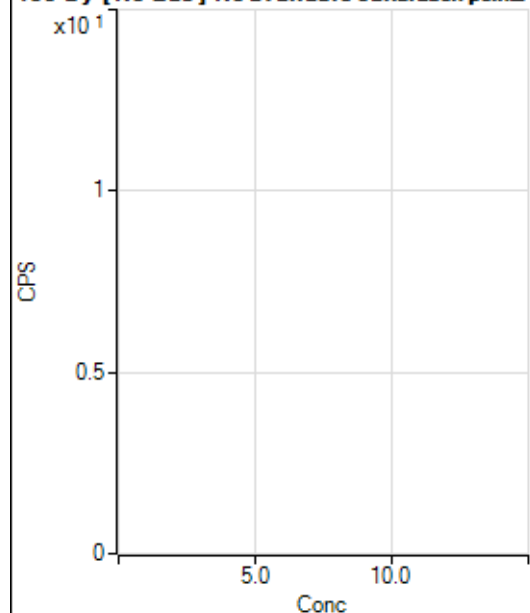
Min Conc: 0

150 Nd [No Gas] No available calibration points

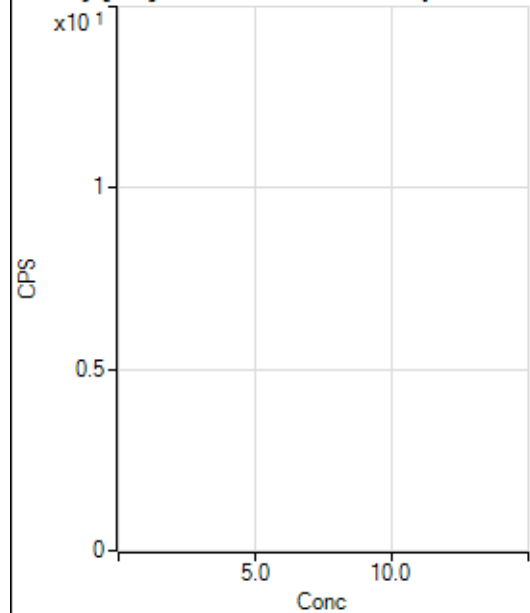
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.
2	☐						
3	☐			11.11		P	91.7
4	☐			40.00		P	16.7
5	☐			77.78		P	19.8
6	☐			204.45		P	8.2
7	☐			335.57		P	22.6
8	☐			633.37		P	12.1
9	☐			175.56		P	14.4

150 Nd [He] No available calibration points

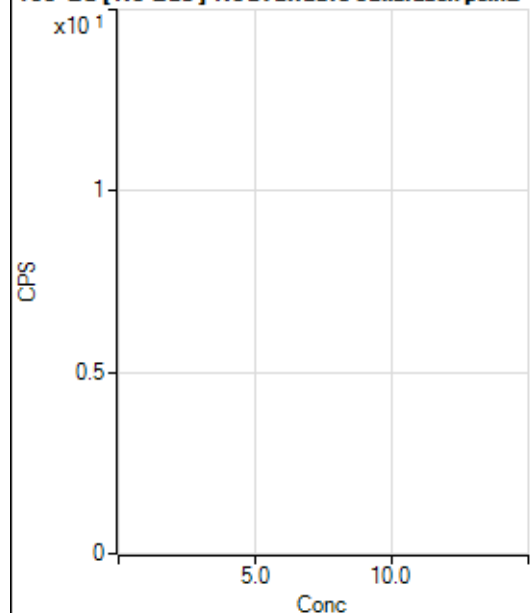
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐						
3	☐			0.00		P	
4	☐			4.44		P	43.4
5	☐			11.11		P	34.6
6	☐			25.55		P	41.9
7	☐			45.56		P	11.2
8	☐			50.00		P	6.7
9	☐			72.22		P	11.6

156 Dy [No Gas] No available calibration points

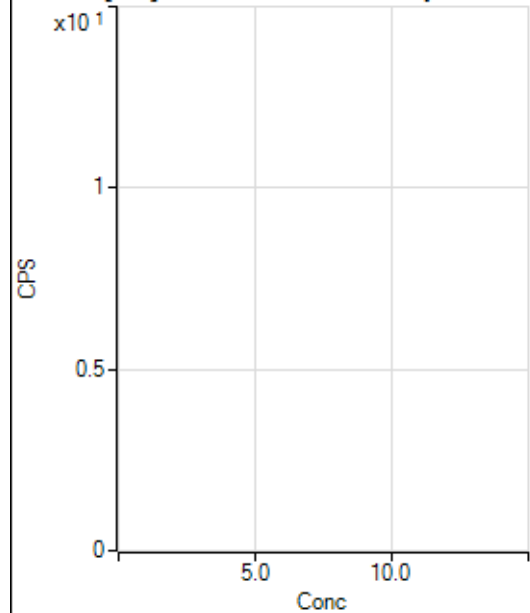
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	50.0
2	☐						
3	☐			22.22		P	43.3
4	☐			58.34		P	37.8
5	☐			50.00		P	60.1
6	☐			69.45		P	61.6
7	☐			150.00		P	29.4
8	☐			175.01		P	16.5
9	☐			155.57		P	43.6

156 Dy [He] No available calibration points

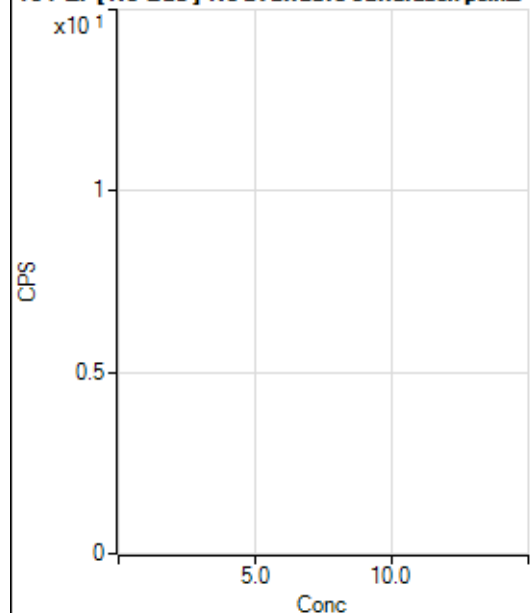
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	0.0
2	☐						
3	☐			3.33		P	100.
4	☐			10.00		P	66.7
5	☐			15.56		P	32.7
6	☐			21.11		P	39.7
7	☐			33.33		P	17.3
8	☐			35.55		P	19.5
9	☐			75.56		P	24.3

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

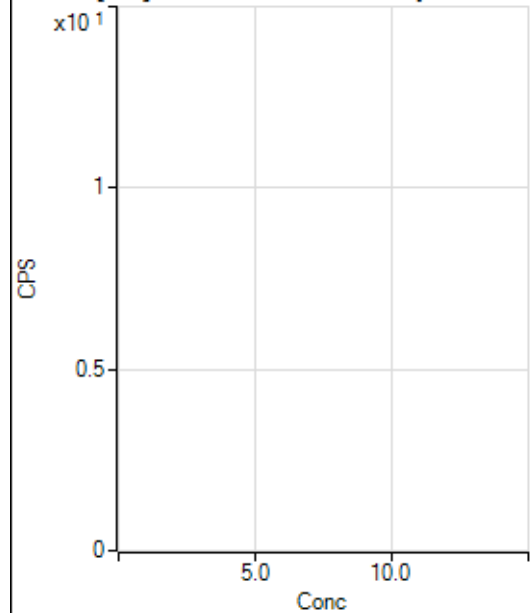
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			58.34		P	0.0
2	☐						
3	☐			72.22		P	40.5
4	☐			63.89		P	37.7
5	☐			94.45		P	22.2
6	☐			91.67		P	15.7
7	☐			116.67		P	37.8
8	☐			119.45		P	26.4
9	☐			194.46		P	16.2

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			31.11		P	22.3
2	☐						
3	☐			25.56		P	60.2
4	☐			25.56		P	19.9
5	☐			40.00		P	36.3
6	☐			41.11		P	24.8
7	☐			53.33		P	21.7
8	☐			54.44		P	17.7
9	☐			108.89		P	23.2

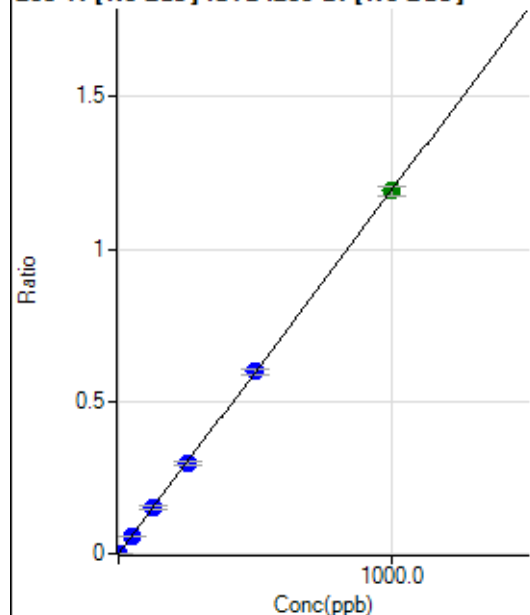
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			52.78		P	36.5
2	☐						
3	☐			69.45		P	18.3
4	☐			88.89		P	23.6
5	☐			58.34		P	49.5
6	☐			55.56		P	17.3
7	☐			94.45		P	28.4
8	☐			77.78		P	37.6
9	☐			83.34		P	60.8

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			26.66		P	21.7
2	☐						
3	☐			35.56		P	23.6
4	☐			27.78		P	25.0
5	☐			36.66		P	15.7
6	☐			22.22		P	31.2
7	☐			26.67		P	37.5
8	☐			47.78		P	14.5
9	☐			38.89		P	4.9

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	363.91	0.0000	P	15.0
2	☐	0.100					
3	☐	1.000	0.927	11733.51	0.0011	P	3.6
4	☐	50.000	49.470	607957.41	0.0590	P	2.5
5	☐	125.000	126.741	1534685.16	0.1512	P	6.9
6	☐	250.000	250.538	3082508.75	0.2988	P	4.4
7	☐	500.000	501.375	6122515.59	0.5978	P	3.3
8	☐	1000.000	998.987	12128140.03	1.1911	A	2.7
9	☐			7749.85	0.0009	P	2.4

$$y = 0.0012 * x + 3.6922E-005$$

$$R = 1.0000$$

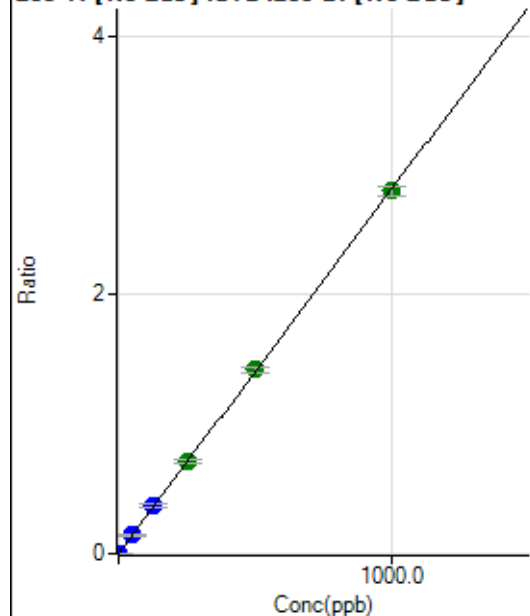
$$DL = 0.01393$$

$$BEC = 0.03097$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	888.96	0.0001	P	5.9
2	☐	0.100					
3	☐	1.000	0.966	28851.71	0.0028	P	1.9
4	☐	50.000	50.314	1458491.88	0.1416	P	2.7
5	☐	125.000	130.444	3725660.11	0.3670	P	7.0
6	☐	250.000	254.061	7374541.66	0.7146	A	3.8
7	☐	500.000	504.722	14538266.65	1.4196	A	3.3
8	☐	1000.000	995.927	28520557.58	2.8011	A	2.7
9	☐			18407.94	0.0021	P	0.6

$$y = 0.0028 * x + 9.0074E-005$$

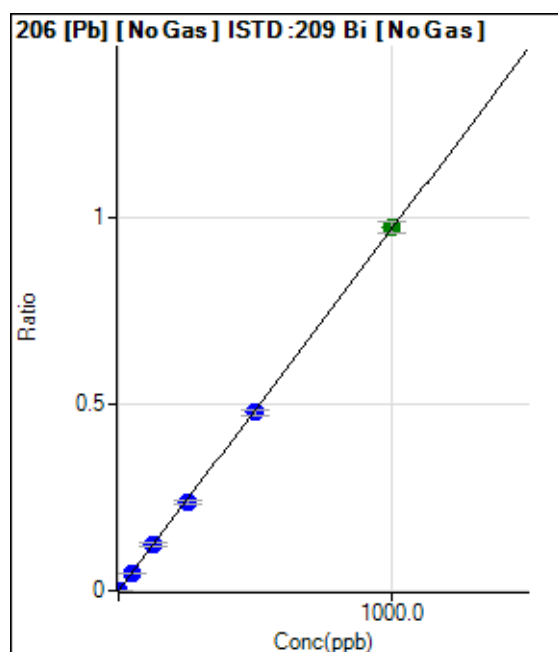
$$R = 1.0000$$

$$DL = 0.005638$$

$$BEC = 0.03203$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2076.14	0.0002	P	8.3
2	☐	0.100					
3	☐	1.000	0.910	11212.46	0.0011	P	4.7
4	☐	50.000	49.478	495633.83	0.0481	P	3.0
5	☐	125.000	126.357	1244418.20	0.1226	P	6.8
6	☐	250.000	246.614	2465911.51	0.2390	P	4.5
7	☐	500.000	493.588	4897080.26	0.4781	P	2.9
8	☐	1000.000	1003.909	9898577.42	0.9723	A	3.3
9	☐			15972.94	0.0018	P	2.8

$$y = 9.6829\text{E-}004 * x + 2.1073\text{E-}004$$

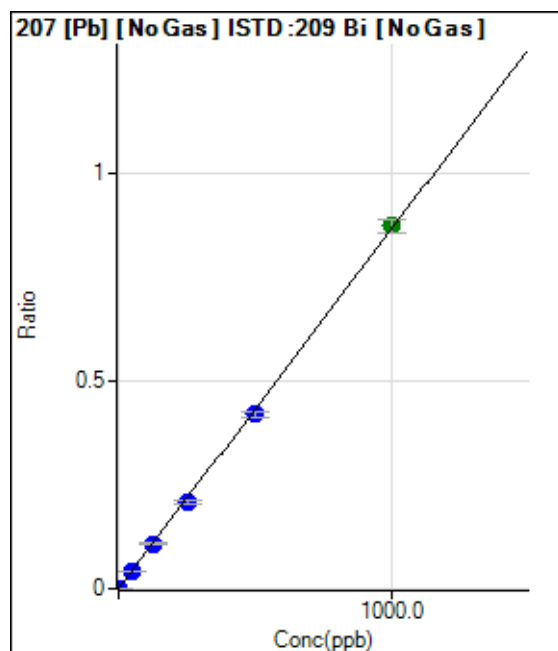
$$R = 1.0000$$

$$DL = 0.05446$$

$$BEC = 0.2176$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1724.24	0.0002	P	4.7
2	☐	0.100					
3	☐	1.000	0.862	9468.47	0.0009	P	3.9
4	☐	50.000	48.304	432854.17	0.0420	P	1.8
5	☐	125.000	124.794	1099746.44	0.1083	P	6.0
6	☐	250.000	242.608	2169972.20	0.2103	P	4.6
7	☐	500.000	485.985	4313175.50	0.4212	P	3.2
8	☐	1000.000	1008.966	8899229.19	0.8742	A	3.5
9	☐			13142.05	0.0015	P	6.1

$$y = 8.6623\text{E-}004 * x + 1.7477\text{E-}004$$

$$R = 0.9998$$

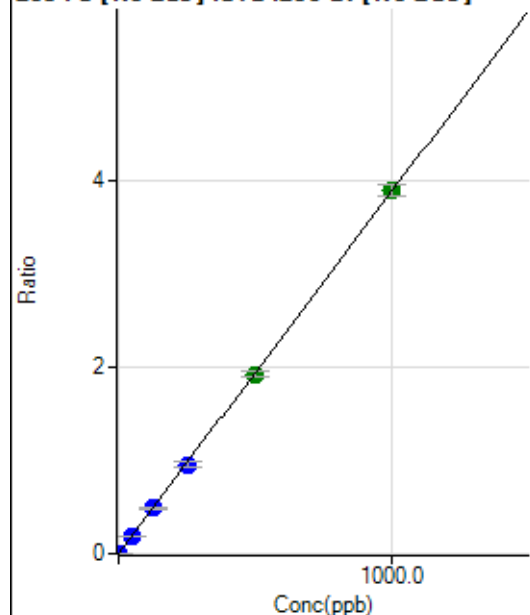
$$DL = 0.02852$$

$$BEC = 0.2018$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	8297.58	0.0008	P	6.4
2	☐	0.100					
3	☐	1.000	0.890	44052.15	0.0043	P	2.4
4	☐	50.000	49.133	1968818.93	0.1911	P	2.5
5	☐	125.000	125.918	4961204.20	0.4885	P	6.3
6	☐	250.000	246.918	9875552.98	0.9572	P	4.4
7	☐	500.000	495.759	19672199.05	1.9209	A	3.4
8	☐	1000.000	1002.820	39551306.61	3.8848	A	3.1
9	☐			61418.08	0.0069	P	3.7

$$y = 0.0039 * x + 8.4158E-004$$

$$R = 1.0000$$

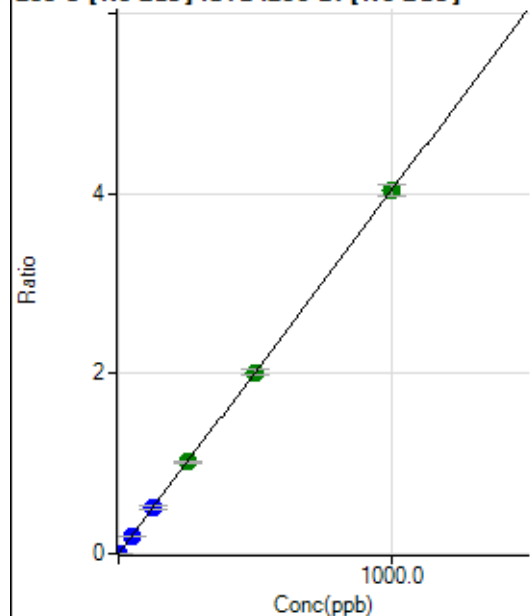
$$DL = 0.04174$$

$$BEC = 0.2173$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	697.28	0.0001	P	7.5
2	☐	0.100					
3	☐	1.000	0.918	38784.19	0.0038	P	3.2
4	☐	50.000	48.338	2009302.56	0.1951	P	2.8
5	☐	125.000	126.188	5171489.74	0.5091	P	5.8
6	☐	250.000	251.885	10486831.05	1.0162	A	3.8
7	☐	500.000	500.397	20676304.28	2.0188	A	2.7
8	☐	1000.000	999.265	41044791.89	4.0313	A	3.0
9	☐			7841.64	0.0009	P	1.6

$$y = 0.0040 * x + 7.0391E-005$$

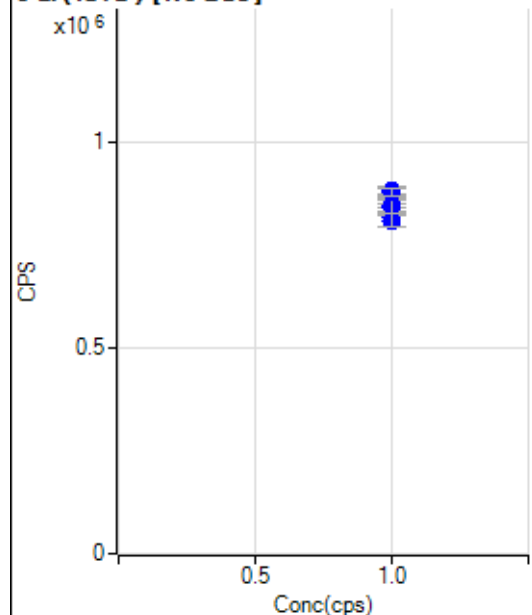
$$R = 1.0000$$

$$DL = 0.003914$$

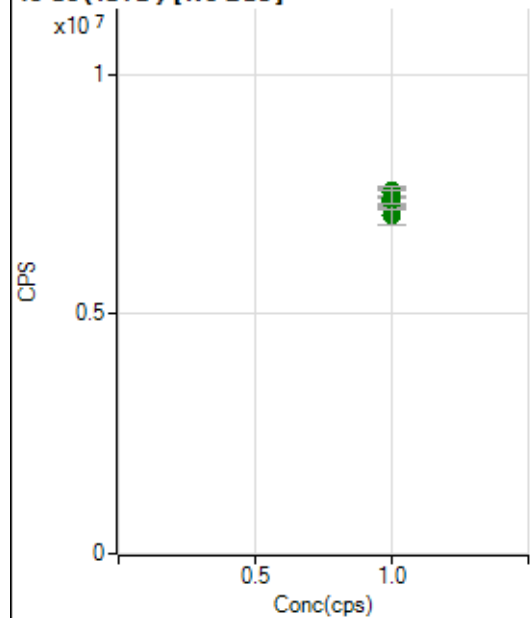
$$BEC = 0.01745$$

Weight: <None>

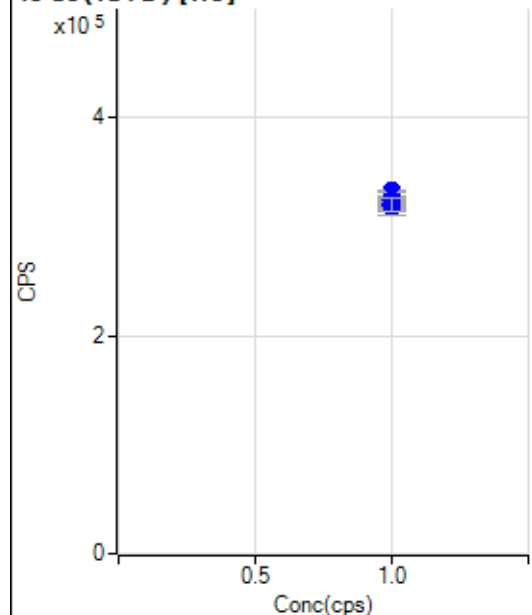
Min Conc: 0

6 Li (ISTD) [No Gas]

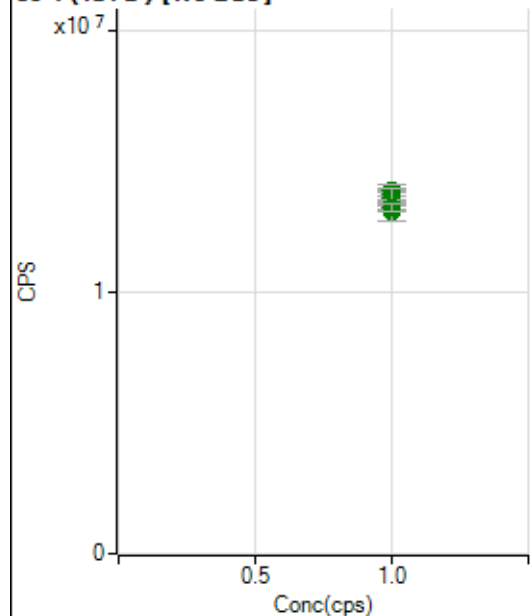
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		819087.84		P	5.7
2	☐	1.000					
3	☐	1.000		839916.92		P	3.0
4	☐	1.000		846633.29		P	3.3
5	☐	1.000		846929.19		P	6.0
6	☐	1.000		878928.54		P	2.9
7	☐	1.000		882468.31		P	2.3
8	☐	1.000		879107.78		P	1.8
9	☐	1.000		811409.91		P	3.5

45 Sc (ISTD) [No Gas]

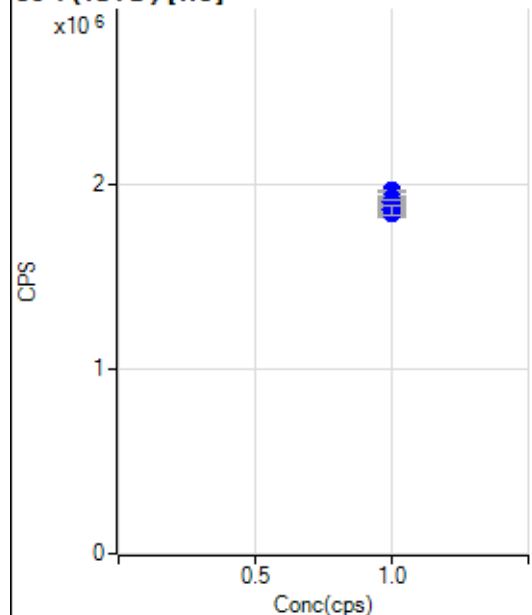
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7061313.13		A	5.7
2	☐	1.000					
3	☐	1.000		7336910.84		A	3.5
4	☐	1.000		7432493.57		A	3.7
5	☐	1.000		7385323.17		A	5.7
6	☐	1.000		7567980.12		A	2.7
7	☐	1.000		7522304.16		A	2.4
8	☐	1.000		7540322.48		A	2.8
9	☐	1.000		7439987.58		A	3.6

45 Sc (ISTD) [He]

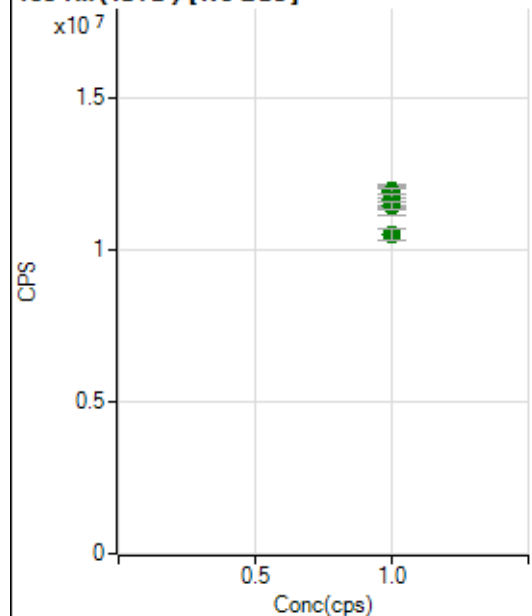
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		332490.96		P	0.7
2	☐	1.000					
3	☐	1.000		316541.95		P	3.9
4	☐	1.000		327139.56		P	2.2
5	☐	1.000		321364.61		P	3.6
6	☐	1.000		324368.71		P	1.6
7	☐	1.000		319591.42		P	0.7
8	☐	1.000		320410.76		P	1.5
9	☐	1.000		319632.40		P	3.7

89 Y (ISTD) [No Gas]

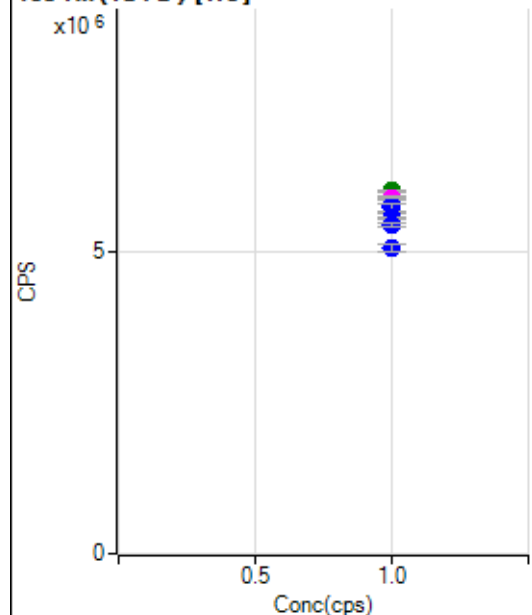
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13114383.69		A	5.5
2	☐	1.000					
3	☐	1.000		13590417.43		A	3.6
4	☐	1.000		13714339.94		A	2.1
5	☐	1.000		13540312.86		A	5.8
6	☐	1.000		13896184.93		A	3.0
7	☐	1.000		13773528.96		A	2.8
8	☐	1.000		13767761.74		A	2.8
9	☐	1.000		13264919.11		A	2.6

89 Y (ISTD) [He]

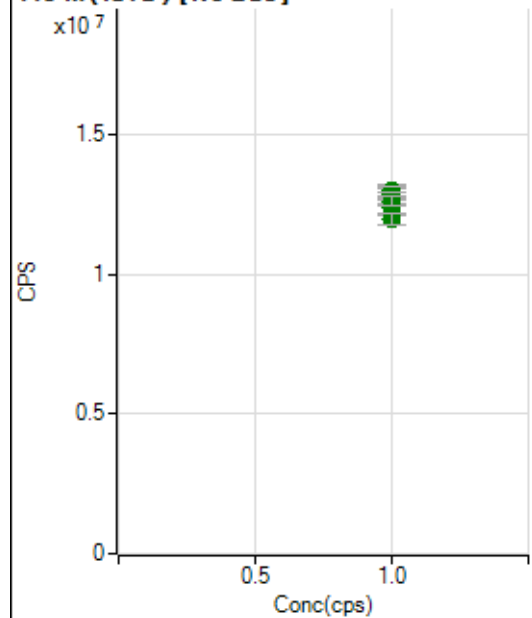
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1962719.17		P	0.9
2	☐	1.000					
3	☐	1.000		1855509.16		P	3.6
4	☐	1.000		1920842.80		P	1.9
5	☐	1.000		1884552.23		P	4.3
6	☐	1.000		1899919.80		P	1.5
7	☐	1.000		1865165.73		P	0.8
8	☐	1.000		1844806.60		P	0.8
9	☐	1.000		1860428.92		P	2.8

103 Rh (ISTD) [No Gas]

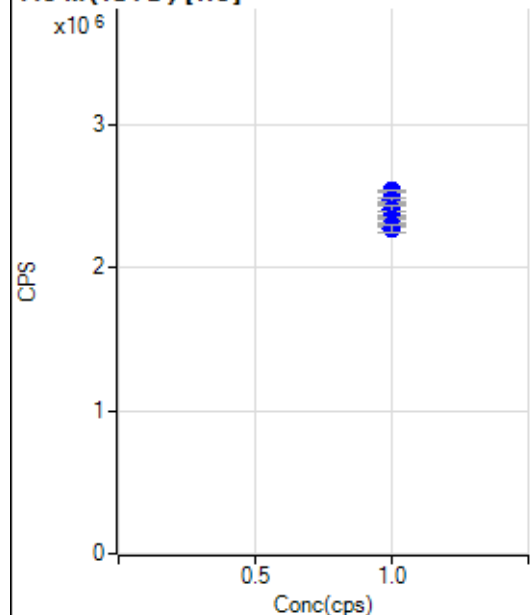
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11447199.48		A	4.9
2	☐	1.000					
3	☐	1.000		11946925.79		A	3.5
4	☐	1.000		11934394.28		A	3.2
5	☐	1.000		11709479.17		A	5.2
6	☐	1.000		11876354.61		A	3.1
7	☐	1.000		11648487.93		A	2.8
8	☐	1.000		11457501.12		A	2.7
9	☐	1.000		10523826.63		A	3.7

103 Rh (ISTD) [He]

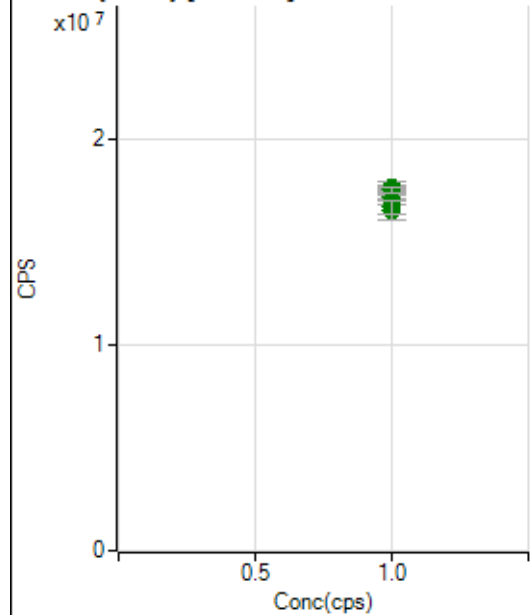
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6027397.34		A	0.5
2	☐	1.000					
3	☐	1.000		5764449.64		P	3.5
4	☐	1.000		5896493.66		M	1.1
5	☐	1.000		5788603.18		P	3.9
6	☐	1.000		5751551.37		P	1.7
7	☐	1.000		5588259.43		P	0.6
8	☐	1.000		5465978.11		P	1.2
9	☐	1.000		5087148.23		P	2.7

115 In (ISTD) [No Gas]

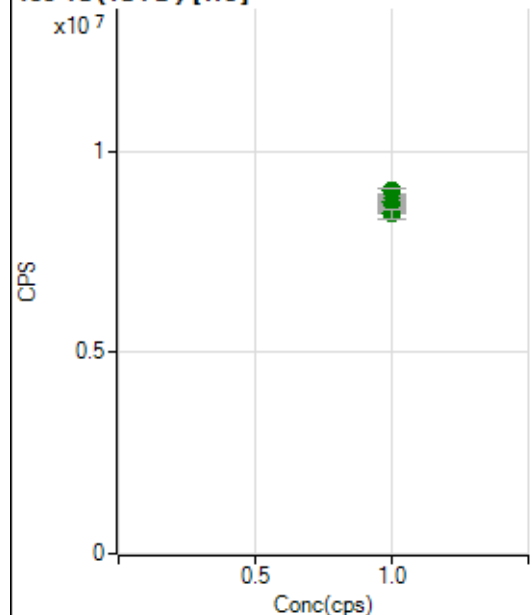
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12363433.29		A	4.6
2	☐	1.000					
3	☐	1.000		12884973.71		A	2.7
4	☐	1.000		12915244.01		A	2.9
5	☐	1.000		12839986.94		A	5.6
6	☐	1.000		12967875.21		A	2.5
7	☐	1.000		12770446.86		A	2.3
8	☐	1.000		12599821.17		A	2.9
9	☐	1.000		11946336.65		A	3.4

115 In (ISTD) [He]

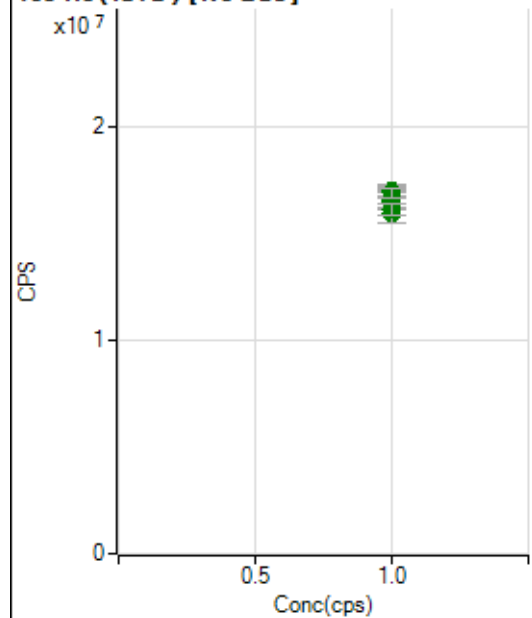
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2535790.29		P	0.6
2	☐	1.000					
3	☐	1.000		2409754.29		P	3.4
4	☐	1.000		2468618.01		P	1.7
5	☐	1.000		2410768.35		P	3.5
6	☐	1.000		2410334.36		P	1.8
7	☐	1.000		2341435.15		P	0.5
8	☐	1.000		2300432.07		P	1.2
9	☐	1.000		2276199.64		P	2.4

159 Tb (ISTD) [No Gas]

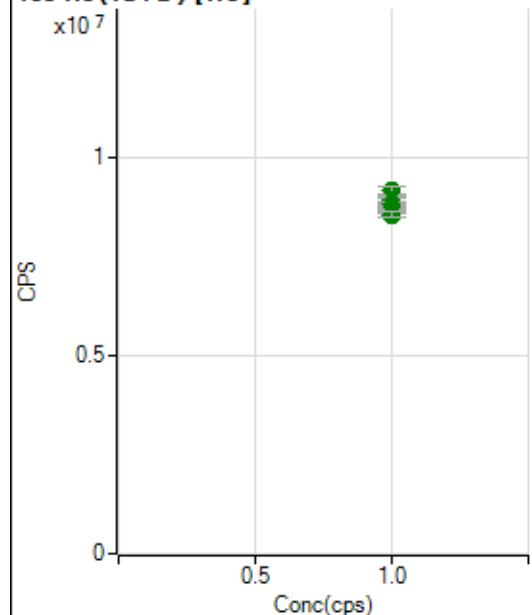
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		16521510.03		A	5.3
2	☐	1.000					
3	☐	1.000		17219751.55		A	3.0
4	☐	1.000		17328059.05		A	2.9
5	☐	1.000		17263010.44		A	5.7
6	☐	1.000		17502811.68		A	3.2
7	☐	1.000		17611306.68		A	3.5
8	☐	1.000		17506595.99		A	2.0
9	☐	1.000		16672095.31		A	3.9

159 Tb (ISTD) [He]

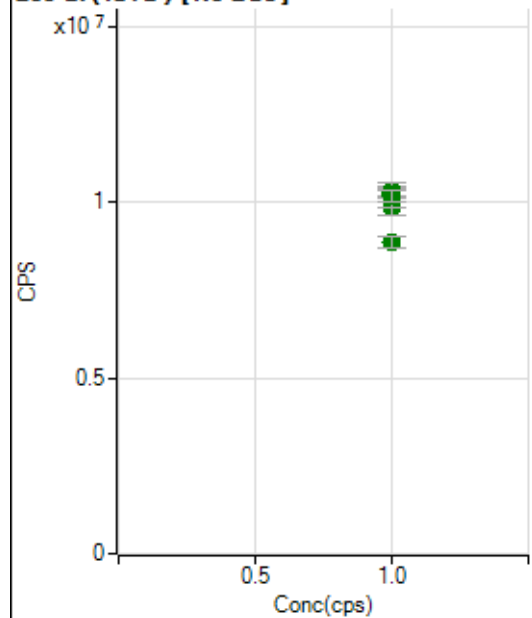
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9008953.55		A	1.3
2	☐	1.000					
3	☐	1.000		8588840.22		A	3.3
4	☐	1.000		8817581.33		A	1.1
5	☐	1.000		8683799.25		A	3.8
6	☐	1.000		8728778.06		A	1.2
7	☐	1.000		8627049.66		A	0.6
8	☐	1.000		8560440.70		A	1.2
9	☐	1.000		8430761.54		A	2.7

165 Ho (ISTD) [No Gas]

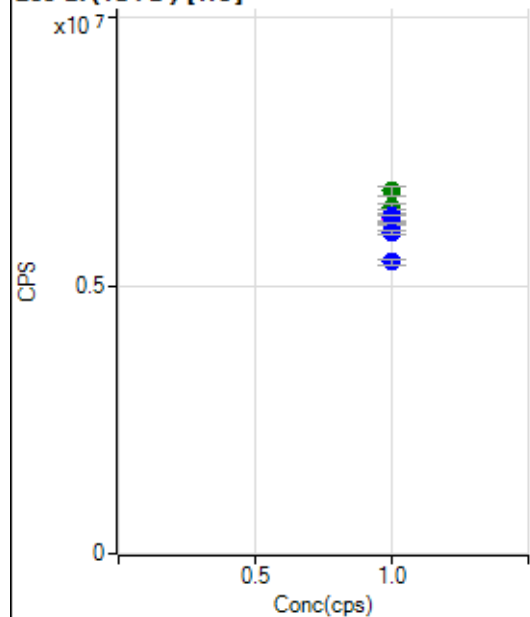
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		15969393.06		A	5.6
2	☐	1.000					
3	☐	1.000		16507095.16		A	2.8
4	☐	1.000		16694139.95		A	3.4
5	☐	1.000		16600919.30		A	5.3
6	☐	1.000		17027609.58		A	3.7
7	☐	1.000		17002366.70		A	2.6
8	☐	1.000		16941215.83		A	2.8
9	☐	1.000		16189169.98		A	3.2

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9163827.57		A	2.0
2	☐	1.000					
3	☐	1.000		8632034.04		A	2.9
4	☐	1.000		8940836.53		A	2.0
5	☐	1.000		8793556.12		A	4.0
6	☐	1.000		8842514.04		A	1.4
7	☐	1.000		8726271.12		A	0.3
8	☐	1.000		8685353.55		A	0.7
9	☐	1.000		8552526.12		A	1.6

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9880925.55		A	5.3
2	☐	1.000					
3	☐	1.000		10278772.35		A	3.0
4	☐	1.000		10304576.51		A	2.2
5	☐	1.000		10180539.85		A	5.9
6	☐	1.000		10330263.11		A	4.1
7	☐	1.000		10246411.17		A	2.3
8	☐	1.000		10187609.01		A	3.1
9	☐	1.000		8878651.05		A	3.9

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6773537.12		A	2.4
2	☐	1.000					
3	☐	1.000		6251892.54		M	3.6
4	☐	1.000		6479508.03		A	1.8
5	☐	1.000		6306066.92		P	3.9
6	☐	1.000		6271461.29		P	1.8
7	☐	1.000		6154250.05		P	0.8
8	☐	1.000		5982091.16		P	1.2
9	☐	1.000		5446357.25		P	2.3

US EPA Tune Check Sample Report

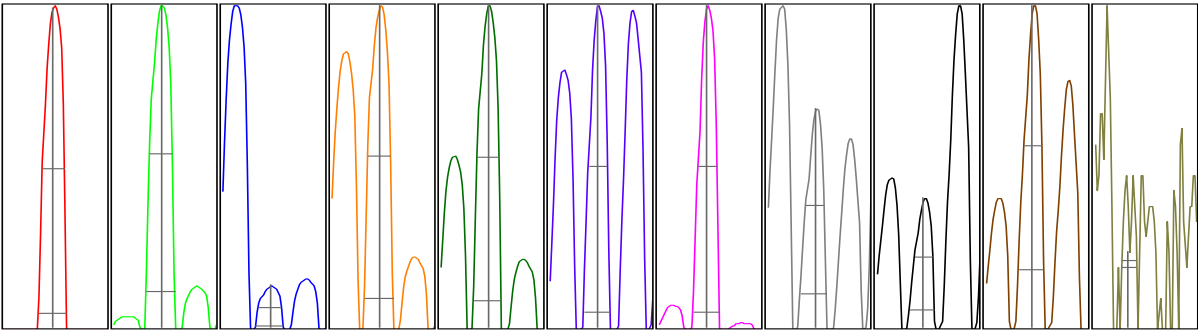
Batch Folder D:\ICP-MS Data\P7010417-MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	134189	3.95	5.00	
24	24681583	3.71	5.00	
25	3317714	3.84	5.00	
26	3802450	3.58	5.00	
59	2640899	3.90	5.00	
113	331145	3.79	5.00	
115	4415821	3.95	5.00	
206	1098055	3.69	5.00	
207	1006466	3.86	5.00	
208	2329157	3.84	5.00	
220	3	37.38		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	130093	135730	142819	130679	131624
24	24065146	25023816	26141236	23977264	24200452
25	3215693	3341793	3529326	3239024	3262733
26	3710959	3820652	4033018	3724775	3722847
59	2563323	2665309	2811121	2581551	2583191
113	323653	334956	351521	324204	321393
115	4273225	4453160	4703476	4337172	4312071
206	1066745	1104167	1165972	1073951	1079439
207	977787	1015702	1070761	982589	985490
208	2256710	2346037	2477757	2280322	2284958
220	3	5	3	2	3

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	22011	8.95	8.9 - 9.1		0.818	0.900	
24	3909507	23.95	23.9 - 24.1		0.834	0.900	
25	522197	24.95	24.9 - 25.1		0.794	0.900	
26	608384	25.95	25.9 - 26.1		0.838	0.900	
59	436302	58.95	58.9 - 59.1		0.806	0.900	
113	60820	112.95	112.9 - 113.1		0.776	0.900	
115	818099	114.95	114.9 - 115.1		0.771	0.900	
206	203812	205.95	205.9 - 206.1		0.760	0.900	
207	175965	206.90	206.9 - 207.1		0.719	0.900	
208	435279	207.90	207.9 - 208.1		0.738	0.900	
220	0	219.55	-		0.415		

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	7.2	V			
Extract 2	-150.0	V	Cell Entrance	-30	V			
Omega Bias	-65	V	Cell Exit	-50	V			
Deflect	14.4	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	170	V			
Energy Discrimination	5.0	V						

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	753924	0.89	
89	49043	0.88	
205	1040553	1.07	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	760273	749034	761863	747389	751063
89	49504	48500	49460	48877	48874
205	1051444	1029983	1053733	1035369	1032237

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	7.9	V			
Extract 2	-165.0	V	Cell Entrance	-40	V			
Omega Bias	-75	V	Cell Exit	-60	V			
Deflect	2.6	V						

Cell Parameters

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

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 12:54:30	DataFile Name :	002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.00	0.24	-0.24	0.00	N/A	ppb
Antimony	121-1	-0.01	0.01	-0.01	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	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.01	-0.03	0.02	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.32	-0.25	-0.08	0.00	N/A	ppb
Boron	11-1	0.02	-0.12	0.09	0.00	N/A	ppb
Cadmium	106-1	-0.52	0.93	-0.41	0.00	N/A	ppb
Cadmium	108-1	0.01	-0.03	0.02	0.00	N/A	ppb
Cadmium	111-1	-0.04	0.07	-0.03	0.00	N/A	ppb
Calcium	43-1	0.00	0.29	-0.29	0.00	N/A	ppb
Calcium	44-1	-1.19	-0.62	1.81	0.00	N/A	ppb
Chromium	52-2	-0.01	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	0.03	-0.04	0.01	0.00	N/A	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-2				100		%
Indium	115-1				100		%
Iron	56-2	-0.05	0.02	0.03	0.00	N/A	ppb
Iron	57-2	-0.11	-0.03	0.14	0.00	N/A	ppb
Lead	206-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Lead	207-1	-0.01	0.00	0.01	0.00	N/A	ppb
Lead	208-1	-0.02	0.00	0.01	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.04	0.11	-0.15	0.00	N/A	ppb
Manganese	55-2	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 12:54:30	DataFile Name :	002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	94-1	-0.01	0.01	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	96-1	-0.01	0.01	-0.01	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	0.00	0.00	N/A	ppb
Phosphorus	31-2	-11.15	-6.05	0.97	-5.41		ppb
Potassium	39-2	-0.85	-0.81	1.66	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-2				100		%
Scandium	45-1				100		%
Selenium	82-1	0.04	-0.16	0.12	0.00	N/A	ppb
Selenium	77-2	-0.47	0.93	-0.47	0.00	N/A	ppb
Selenium	78-2	-0.25	0.71	-0.46	0.00	N/A	ppb
Silicon	28-1	-7.89	1.31	6.58	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	0.09	0.60	-0.69	0.00	N/A	ppb
Strontium	86-1	-0.01	0.00	0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-257.91	111.70	451.33	101.71	348.77	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.01	0.00	0.00	0.00	N/A	ppb
Titanium	47-1	-0.03	0.03	-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				100		%
Yttrium	89-1				100		%
Zinc	66-2	-0.03	0.04	-0.01	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	-0.01	0.00	N/A	ppb

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 12:54:30	DataFile Name :	002CALB.d

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

LB Number : LB85174 Operator : Jaswal
 Lab Sample ID : S02 Instrumnet Name : P7
 Client Sample ID : S02 Dilution Factor : 1
 Date & Time Acquired :: 2017-01-04 13:02:39 DataFile Name : 004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.09	18.05	20.01	18.39	8.10	ppb
Antimony	121-1	1.79	1.80	1.90	1.83	3.43	ppb
Arsenic	75-2	0.87	0.97	0.78	0.87	10.93	ppb
Barium	135-1	9.31	9.61	9.87	9.60	2.90	ppb
Barium	137-1	9.45	9.60	9.92	9.66	2.48	ppb
Beryllium	9-1	0.94	1.05	0.93	0.98	6.43	ppb
Bismuth	209-1				104		%
Bismuth	209-2				92		%
Boron	10-1	3.72	3.66	4.18	3.85	7.38	ppb
Boron	11-1	4.13	4.27	4.74	4.38	7.36	ppb
Cadmium	106-1	1.37	1.16	1.25	1.26	8.34	ppb
Cadmium	108-1	1.18	1.00	1.28	1.15	12.20	ppb
Cadmium	111-1	0.97	1.02	1.00	1.00	2.53	ppb
Calcium	44-1	449.38	473.22	486.71	469.77	4.02	ppb
Calcium	43-1	457.01	458.39	469.89	461.76	1.53	ppb
Chromium	52-2	2.13	2.05	1.97	2.05	3.90	ppb
Cobalt	59-2	0.98	0.97	0.96	0.97	1.37	ppb
Copper	63-2	2.09	2.10	1.94	2.04	4.47	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	165-2				94		%
Holmium	165-1				103		%
Indium	115-2				95		%
Indium	115-1				104		%
Iron	56-2	49.04	48.56	47.48	48.36	1.64	ppb
Iron	57-2	47.70	49.99	47.84	48.51	2.65	ppb
Lead	206-1	0.86	0.90	0.97	0.91	5.83	ppb
Lead	207-1	0.82	0.87	0.90	0.86	4.80	ppb
Lead	208-1	0.86	0.90	0.91	0.89	2.99	ppb
Lithium	6-1				103		%
Magnesium	24-2	484.24	473.40	461.11	472.92	2.45	ppb
Manganese	55-2	1.04	1.02	1.00	1.02	1.93	ppb

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 13:02:39	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.92	1.89	2.03	1.95	3.70	ppb
Molybdenum	95-1	4.47	4.65	4.80	4.64	3.56	ppb
Molybdenum	96-1	3.93	4.17	4.08	4.06	3.08	ppb
Molybdenum	97-1	4.64	4.62	4.87	4.71	2.95	ppb
Molybdenum	98-1	4.40	4.64	4.75	4.60	3.96	ppb
Neodymium	150-2						cps
Neodymium	150-1						cps
Nickel	60-2	1.04	1.05	1.14	1.08	5.26	ppb
Phosphorus	31-2	10.25	13.18	-7.20	5.41	203.72	ppb
Potassium	39-2	472.57	453.79	442.43	456.26	3.34	ppb
Rhodium	103-2				96		%
Rhodium	103-1				104		%
Scandium	45-1				104		%
Scandium	45-2				95		%
Selenium	77-2	2.12	2.52	4.82	3.15	46.29	ppb
Selenium	78-2	5.58	4.99	5.03	5.20	6.30	ppb
Selenium	82-1	5.27	5.15	5.50	5.31	3.33	ppb
Silicon	28-1	-5.58	-0.27	3.34	-0.84		ppb
Silver	109-1	0.95	1.05	1.03	1.01	4.99	ppb
Silver	107-1	0.96	0.97	1.07	1.00	5.88	ppb
Sodium	23-2	475.18	459.49	452.06	462.25	2.55	ppb
Strontium	86-1	0.96	0.93	0.97	0.95	1.95	ppb
Strontium	88-1	0.98	1.00	1.03	1.00	2.42	ppb
Sulfur	34-1	-365.14	-120.17	180.18	-101.71		ppb
Terbium	159-2				95		%
Terbium	159-1				104		%
Thallium	203-1	0.92	0.90	0.96	0.93	3.67	ppb
Thallium	205-1	0.95	0.98	0.97	0.97	1.92	ppb
Tin	118-1	4.65	4.91	4.98	4.85	3.60	ppb
Titanium	47-1	4.67	4.52	5.04	4.74	5.64	ppb
Uranium	238-1	0.90	0.91	0.95	0.92	3.25	ppb
Vanadium	51-2	4.81	4.71	4.66	4.73	1.66	ppb
Yttrium	89-2				95		%
Yttrium	89-1				104		%
Zinc	66-2	2.03	1.82	2.06	1.97	6.58	ppb
Zirconium	90-1	0.82	0.83	0.85	0.83	2.00	ppb

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 13:02:39	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.84	0.82	0.91	0.86	5.11	ppb

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 13:06:28	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	996.33	963.99	962.18	974.17	1.97	ppb
Antimony	121-1	37.30	38.55	39.29	38.38	2.62	ppb
Arsenic	75-2	50.98	50.36	51.57	50.97	1.19	ppb
Barium	135-1	247.81	259.27	263.43	256.84	3.15	ppb
Barium	137-1	251.39	263.00	265.67	260.02	2.92	ppb
Beryllium	9-1	51.26	53.40	54.34	53.00	2.98	ppb
Bismuth	209-2				96		%
Bismuth	209-1				104		%
Boron	10-1	43.02	45.84	50.88	46.58	8.55	ppb
Boron	11-1	43.61	46.68	50.92	47.07	7.81	ppb
Cadmium	106-1	48.77	51.92	54.69	51.79	5.72	ppb
Cadmium	108-1	51.79	54.45	53.82	53.35	2.61	ppb
Cadmium	111-1	50.99	54.24	54.87	53.37	3.90	ppb
Calcium	43-1	4852.04	5110.28	5208.37	5056.90	3.64	ppb
Calcium	44-1	4892.72	5124.86	5246.65	5088.08	3.53	ppb
Chromium	52-2	53.07	50.92	52.31	52.10	2.09	ppb
Cobalt	59-2	53.95	51.97	53.39	53.11	1.92	ppb
Copper	63-2	107.41	105.32	107.45	106.73	1.14	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				105		%
Holmium	165-2				98		%
Indium	115-1				104		%
Indium	115-2				97		%
Iron	56-2	2927.23	2806.31	2866.91	2866.82	2.11	ppb
Iron	57-2	2914.49	2788.90	2899.25	2867.55	2.39	ppb
Lead	206-1	47.77	50.22	50.45	49.48	3.00	ppb
Lead	207-1	47.39	48.37	49.15	48.30	1.83	ppb
Lead	208-1	47.78	49.46	50.16	49.13	2.49	ppb
Lithium	6-1				103		%
Magnesium	24-2	5217.72	5053.04	5189.41	5153.39	1.71	ppb
Manganese	55-2	105.95	101.81	104.31	104.03	2.01	ppb

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 13:06:28	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	48.39	50.14	49.80	49.44	1.88	ppb
Molybdenum	95-1	48.84	50.19	50.04	49.69	1.48	ppb
Molybdenum	96-1	48.19	49.48	49.46	49.04	1.51	ppb
Molybdenum	97-1	49.05	50.45	50.40	49.97	1.59	ppb
Molybdenum	98-1	47.73	48.78	49.04	48.52	1.43	ppb
Neodymium	150-2						cps
Neodymium	150-1						cps
Nickel	60-2	54.75	53.01	54.56	54.11	1.76	ppb
Phosphorus	31-2	1082.57	971.96	1120.22	1058.25	7.28	ppb
Potassium	39-2	2689.68	2625.39	2694.64	2669.90	1.45	ppb
Rhodium	103-2				98		%
Rhodium	103-1				104		%
Scandium	45-1				105		%
Scandium	45-2				98		%
Selenium	77-2	56.94	47.29	48.37	50.87	10.40	ppb
Selenium	78-2	48.04	49.36	46.48	47.96	3.01	ppb
Selenium	82-1	50.42	51.04	51.86	51.11	1.42	ppb
Silicon	28-1	51.24	61.60	66.96	59.94	13.33	ppb
Silver	109-1	51.39	53.80	54.85	53.35	3.33	ppb
Silver	107-1	51.53	53.69	54.65	53.29	3.01	ppb
Sodium	23-2	5038.70	4838.69	4971.62	4949.67	2.06	ppb
Strontium	86-1	49.48	51.19	52.50	51.06	2.96	ppb
Strontium	88-1	50.09	52.07	52.50	51.55	2.49	ppb
Sulfur	34-1	453.05	880.67	1192.79	842.17	44.10	ppb
Terbium	159-2				98		%
Terbium	159-1				105		%
Thallium	203-1	48.10	49.81	50.50	49.47	2.50	ppb
Thallium	205-1	48.78	50.90	51.26	50.31	2.66	ppb
Tin	118-1	48.62	51.04	51.89	50.52	3.36	ppb
Titanium	47-1	50.55	52.30	52.23	51.70	1.92	ppb
Uranium	238-1	46.79	48.86	49.36	48.34	2.82	ppb
Vanadium	51-2	51.50	49.51	51.47	50.83	2.25	ppb
Yttrium	89-2				98		%
Yttrium	89-1				105		%
Zinc	66-2	110.74	105.58	108.33	108.22	2.38	ppb
Zirconium	90-1	49.05	50.48	50.99	50.17	2.01	ppb

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 13:06:28	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	49.94	50.79	51.30	50.68	1.35	ppb

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 13:10:29	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2448.96	2502.11	2372.86	2441.31	2.66	ppb
Antimony	121-1	107.80	120.11	113.37	113.76	5.42	ppb
Arsenic	75-2	126.56	131.64	123.57	127.26	3.21	ppb
Barium	135-1	611.50	685.05	656.41	650.99	5.70	ppb
Barium	137-1	619.13	695.97	667.32	660.80	5.88	ppb
Beryllium	9-1	126.90	144.38	136.01	135.76	6.44	ppb
Bismuth	209-1				103		%
Bismuth	209-2				93		%
Boron	10-1	110.93	128.34	130.92	123.40	8.81	ppb
Boron	11-1	113.66	131.46	129.13	124.75	7.75	ppb
Cadmium	106-1	125.43	143.37	138.59	135.80	6.84	ppb
Cadmium	108-1	121.56	144.28	134.75	133.53	8.54	ppb
Cadmium	111-1	126.71	143.62	136.79	135.71	6.27	ppb
Calcium	43-1	12147.72	13692.83	12970.90	12937.15	5.98	ppb
Calcium	44-1	12129.07	13785.94	13070.25	12995.09	6.39	ppb
Chromium	52-2	129.64	134.42	127.54	130.54	2.70	ppb
Cobalt	59-2	132.89	137.68	131.55	134.04	2.41	ppb
Copper	63-2	265.21	273.84	263.75	267.60	2.04	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				96		%
Holmium	165-1				104		%
Indium	115-1				104		%
Indium	115-2				95		%
Iron	56-2	7179.96	7437.28	7128.55	7248.60	2.28	ppb
Iron	57-2	7169.60	7461.25	7098.85	7243.23	2.65	ppb
Lead	206-1	117.64	134.97	126.46	126.36	6.86	ppb
Lead	207-1	116.75	131.75	125.88	124.79	6.06	ppb
Lead	208-1	117.81	133.72	126.23	125.92	6.32	ppb
Lithium	6-1				103		%
Magnesium	24-2	12927.35	13460.71	12887.07	13091.71	2.45	ppb
Manganese	55-2	260.45	268.73	256.14	261.77	2.45	ppb

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 13:10:29	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	119.43	134.09	128.93	127.48	5.83	ppb
Molybdenum	95-1	121.00	135.97	130.15	129.04	5.85	ppb
Molybdenum	96-1	121.30	134.74	130.37	128.80	5.32	ppb
Molybdenum	97-1	121.24	136.65	131.01	129.63	6.01	ppb
Molybdenum	98-1	117.77	132.82	127.25	125.95	6.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	133.08	138.59	132.59	134.75	2.47	ppb
Phosphorus	31-2	2683.66	2663.84	2637.60	2661.70	0.87	ppb
Potassium	39-2	6675.91	6944.50	6586.86	6735.76	2.76	ppb
Rhodium	103-1				102		%
Rhodium	103-2				96		%
Scandium	45-1				105		%
Scandium	45-2				97		%
Selenium	77-2	128.11	138.61	131.04	132.58	4.09	ppb
Selenium	78-2	128.70	126.85	127.16	127.57	0.78	ppb
Selenium	82-1	123.92	139.51	133.78	132.40	5.96	ppb
Silicon	28-1	150.64	186.99	177.04	171.56	10.95	ppb
Silver	109-1	126.91	141.28	136.84	135.01	5.45	ppb
Silver	107-1	127.58	142.28	135.97	135.28	5.45	ppb
Sodium	23-2	12359.03	12750.94	12160.07	12423.35	2.42	ppb
Strontium	86-1	121.09	137.15	134.12	130.79	6.52	ppb
Strontium	88-1	123.85	139.91	133.13	132.30	6.09	ppb
Sulfur	34-1	2052.39	3087.94	2659.00	2599.78	20.01	ppb
Terbium	159-1				104		%
Terbium	159-2				96		%
Thallium	203-1	118.11	135.56	126.55	126.74	6.88	ppb
Thallium	205-1	121.50	139.66	130.17	130.44	6.96	ppb
Tin	118-1	120.90	136.01	130.61	129.17	5.93	ppb
Titanium	47-1	123.60	138.90	132.65	131.72	5.84	ppb
Uranium	238-1	118.80	133.53	126.24	126.19	5.84	ppb
Vanadium	51-2	128.01	131.01	125.02	128.01	2.34	ppb
Yttrium	89-1				103		%
Yttrium	89-2				96		%
Zinc	66-2	265.21	277.38	267.55	270.05	2.39	ppb
Zirconium	90-1	122.32	137.35	130.43	130.03	5.79	ppb

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 13:10:29	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	122.21	136.86	130.72	129.93	5.66	ppb

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 13:14:13	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4864.08	4875.93	4840.17	4860.06	0.37	ppb
Antimony	121-1	233.05	243.43	247.84	241.44	3.14	ppb
Arsenic	75-2	251.23	255.05	252.58	252.95	0.76	ppb
Barium	135-1	1238.99	1294.27	1331.18	1288.15	3.60	ppb
Barium	137-1	1229.74	1293.10	1328.68	1283.84	3.90	ppb
Beryllium	9-1	248.47	255.46	267.93	257.29	3.83	ppb
Bismuth	209-1				105		%
Bismuth	209-2				93		%
Boron	10-1	229.76	253.66	263.47	248.96	6.96	ppb
Boron	11-1	230.69	251.64	265.62	249.32	7.05	ppb
Cadmium	106-1	255.04	260.19	273.55	262.93	3.63	ppb
Cadmium	108-1	252.50	263.74	274.11	263.45	4.10	ppb
Cadmium	111-1	252.61	264.56	272.39	263.19	3.78	ppb
Calcium	43-1	23967.63	25145.59	25766.80	24960.01	3.66	ppb
Calcium	44-1	24003.57	25143.77	25672.32	24939.88	3.42	ppb
Chromium	52-2	255.75	259.69	256.51	257.32	0.81	ppb
Cobalt	59-2	259.25	265.57	260.58	261.80	1.27	ppb
Copper	63-2	520.05	526.39	522.26	522.90	0.62	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				107		%
Holmium	165-2				96		%
Indium	115-2				95		%
Indium	115-1				105		%
Iron	56-2	14143.80	14327.68	14158.74	14210.07	0.72	ppb
Iron	57-2	14104.77	14362.13	14125.30	14197.40	1.01	ppb
Lead	206-1	235.43	246.70	257.72	246.61	4.52	ppb
Lead	207-1	231.45	242.37	254.01	242.61	4.65	ppb
Lead	208-1	235.91	247.04	257.81	246.92	4.43	ppb
Lithium	6-1				107		%
Magnesium	24-2	25404.96	25439.26	25407.40	25417.21	0.08	ppb
Manganese	55-2	511.32	518.59	515.69	515.20	0.71	ppb

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 13:14:13	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	240.58	248.31	255.42	248.10	2.99	ppb
Molybdenum	95-1	241.65	250.91	255.79	249.45	2.88	ppb
Molybdenum	96-1	240.92	251.18	255.07	249.06	2.94	ppb
Molybdenum	97-1	241.04	251.45	257.42	249.97	3.32	ppb
Molybdenum	98-1	235.76	247.48	252.93	245.39	3.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	263.17	266.28	263.99	264.48	0.61	ppb
Phosphorus	31-2	5162.71	5257.31	5163.24	5194.42	1.05	ppb
Potassium	39-2	13367.77	13563.69	13374.74	13435.40	0.83	ppb
Rhodium	103-2				95		%
Rhodium	103-1				104		%
Scandium	45-1				107		%
Scandium	45-2				98		%
Selenium	77-2	266.49	260.99	241.21	256.23	5.19	ppb
Selenium	78-2	245.47	247.70	250.90	248.02	1.10	ppb
Selenium	82-1	243.61	258.59	261.49	254.56	3.77	ppb
Silicon	28-1	331.52	352.71	365.77	350.00	4.94	ppb
Silver	109-1	253.10	265.29	271.79	263.39	3.60	ppb
Silver	107-1	253.11	263.89	270.49	262.50	3.34	ppb
Sodium	23-2	24432.17	24316.86	24523.11	24424.05	0.42	ppb
Strontium	86-1	244.77	256.48	261.14	254.13	3.32	ppb
Strontium	88-1	246.53	254.20	262.88	254.54	3.21	ppb
Sulfur	34-1	4655.98	4924.71	5299.94	4960.21	6.52	ppb
Terbium	159-1				106		%
Terbium	159-2				97		%
Thallium	203-1	238.99	251.65	260.97	250.54	4.40	ppb
Thallium	205-1	244.01	255.09	263.08	254.06	3.77	ppb
Tin	118-1	243.43	252.81	261.00	252.41	3.48	ppb
Titanium	47-1	245.79	254.51	260.02	253.44	2.83	ppb
Uranium	238-1	241.70	253.19	260.77	251.88	3.81	ppb
Vanadium	51-2	252.39	258.75	254.16	255.10	1.29	ppb
Yttrium	89-2				97		%
Yttrium	89-1				106		%
Zinc	66-2	522.82	530.46	525.57	526.28	0.74	ppb
Zirconium	90-1	245.34	253.75	258.49	252.53	2.64	ppb

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 13:14:13	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	243.46	253.53	257.35	251.45	2.85	ppb

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 13:17:52	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9548.98	9858.00	9775.57	9727.51	1.64	ppb
Antimony	121-1	477.29	497.32	518.43	497.68	4.13	ppb
Arsenic	75-2	490.14	506.59	503.36	500.03	1.74	ppb
Barium	135-1	2405.48	2497.03	2625.18	2509.23	4.40	ppb
Barium	137-1	2394.39	2524.82	2619.40	2512.87	4.50	ppb
Beryllium	9-1	493.01	511.11	523.81	509.31	3.04	ppb
Bismuth	209-1				104		%
Bismuth	209-2				91		%
Boron	10-1	476.63	503.57	525.40	501.87	4.87	ppb
Boron	11-1	471.22	502.17	528.05	500.48	5.69	ppb
Cadmium	106-1	491.87	512.39	534.32	512.86	4.14	ppb
Cadmium	108-1	485.62	512.59	531.21	509.81	4.50	ppb
Cadmium	111-1	490.42	509.35	528.32	509.36	3.72	ppb
Calcium	43-1	48007.42	49248.41	50970.91	49408.91	3.01	ppb
Calcium	44-1	47961.54	49450.78	51134.67	49515.66	3.21	ppb
Chromium	52-2	499.09	514.74	507.97	507.26	1.55	ppb
Cobalt	59-2	506.83	525.78	518.29	516.97	1.85	ppb
Copper	63-2	996.68	1037.57	1030.18	1021.47	2.13	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				95		%
Holmium	165-1				106		%
Indium	115-1				103		%
Indium	115-2				92		%
Iron	56-2	27607.04	28213.33	28086.68	27969.02	1.14	ppb
Iron	57-2	27432.48	28343.01	27836.34	27870.61	1.64	ppb
Lead	206-1	479.65	492.57	508.54	493.59	2.93	ppb
Lead	207-1	471.62	484.15	502.19	485.99	3.16	ppb
Lead	208-1	480.30	493.56	513.42	495.76	3.36	ppb
Lithium	6-1				108		%
Magnesium	24-2	49699.69	51477.26	51153.93	50776.96	1.86	ppb
Manganese	55-2	1003.99	1029.96	1016.99	1016.98	1.28	ppb

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 13:17:52	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	486.61	505.96	515.82	502.80	2.96	ppb
Molybdenum	95-1	483.56	507.27	516.35	502.39	3.37	ppb
Molybdenum	96-1	486.08	502.12	515.86	501.35	2.97	ppb
Molybdenum	97-1	488.07	508.48	516.96	504.50	2.94	ppb
Molybdenum	98-1	480.19	496.52	508.21	494.97	2.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	504.35	524.41	515.42	514.73	1.95	ppb
Phosphorus	31-2	9887.41	10348.39	10294.06	10176.62	2.48	ppb
Potassium	39-2	25943.77	26589.67	26486.35	26339.93	1.32	ppb
Rhodium	103-2				93		%
Rhodium	103-1				102		%
Scandium	45-1				107		%
Scandium	45-2				96		%
Selenium	77-2	483.35	493.68	529.68	502.24	4.84	ppb
Selenium	78-2	488.15	512.66	501.38	500.73	2.45	ppb
Selenium	82-1	492.28	506.16	520.81	506.42	2.82	ppb
Silicon	28-1	506.58	534.57	558.46	533.21	4.87	ppb
Silver	109-1	488.89	505.43	528.20	507.50	3.89	ppb
Silver	107-1	494.26	514.66	525.73	511.55	3.12	ppb
Sodium	23-2	48937.43	49186.36	48748.72	48957.50	0.45	ppb
Strontium	86-1	488.79	506.19	522.68	505.88	3.35	ppb
Strontium	88-1	489.16	506.43	520.08	505.23	3.07	ppb
Sulfur	34-1	9682.66	10014.71	10630.00	10109.12	4.75	ppb
Terbium	159-1				107		%
Terbium	159-2				96		%
Thallium	203-1	485.10	500.63	518.40	501.37	3.32	ppb
Thallium	205-1	488.33	504.47	521.37	504.72	3.27	ppb
Tin	118-1	477.80	497.66	521.42	498.96	4.38	ppb
Titanium	47-1	487.20	508.90	518.13	504.74	3.15	ppb
Uranium	238-1	487.69	498.49	515.01	500.40	2.75	ppb
Vanadium	51-2	497.61	514.61	507.58	506.60	1.69	ppb
Yttrium	89-2				95		%
Yttrium	89-1				105		%
Zinc	66-2	1014.80	1044.79	1031.13	1030.24	1.46	ppb
Zirconium	90-1	487.02	504.80	515.70	502.51	2.88	ppb

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 13:17:52	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	486.49	507.33	515.77	503.20	2.99	ppb

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 13:21:28	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18721.74	18909.50	19403.43	19011.55	1.85	ppb
Antimony	121-1	992.57	994.12	1029.17	1005.29	2.06	ppb
Arsenic	75-2	974.63	1007.82	1014.30	998.92	2.13	ppb
Barium	135-1	4908.17	4939.98	5098.63	4982.26	2.05	ppb
Barium	137-1	4883.93	4963.45	5093.01	4980.13	2.12	ppb
Beryllium	9-1	978.78	977.76	1019.54	992.03	2.40	ppb
Bismuth	209-1				103		%
Bismuth	209-2				88		%
Boron	10-1	981.97	981.00	1037.70	1000.22	3.25	ppb
Boron	11-1	963.37	992.06	1046.44	1000.62	4.22	ppb
Cadmium	106-1	970.52	979.00	1017.18	988.90	2.51	ppb
Cadmium	108-1	969.28	990.74	1011.48	990.50	2.13	ppb
Cadmium	111-1	969.15	980.85	1021.54	990.51	2.78	ppb
Calcium	43-1	95186.22	96463.77	100393.12	97347.71	2.79	ppb
Calcium	44-1	94981.31	96807.10	100274.91	97354.44	2.76	ppb
Chromium	52-2	973.56	989.44	1018.22	993.74	2.28	ppb
Cobalt	59-2	966.32	989.92	1005.61	987.28	2.00	ppb
Copper	63-2	1945.39	1993.31	2004.31	1981.00	1.58	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				95		%
Holmium	165-1				106		%
Indium	115-1				102		%
Indium	115-2				91		%
Iron	56-2	51963.48	53011.53	54135.94	53036.98	2.05	ppb
Iron	57-2	51289.17	53062.84	54075.03	52809.01	2.67	ppb
Lead	206-1	971.27	1002.60	1037.86	1003.91	3.32	ppb
Lead	207-1	971.14	1014.04	1041.72	1008.97	3.52	ppb
Lead	208-1	970.95	1005.53	1031.97	1002.82	3.05	ppb
Lithium	6-1				107		%
Magnesium	24-2	97630.74	97919.44	100747.67	98765.95	1.74	ppb
Manganese	55-2	1942.07	1987.08	2028.96	1986.04	2.19	ppb

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 13:21:28	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	972.57	1000.01	1023.84	998.81	2.57	ppb
Molybdenum	95-1	970.94	991.03	1033.39	998.45	3.19	ppb
Molybdenum	96-1	966.76	1006.53	1024.12	999.14	2.94	ppb
Molybdenum	97-1	965.47	1002.12	1023.96	997.18	2.96	ppb
Molybdenum	98-1	969.54	1007.39	1033.94	1003.62	3.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	961.13	992.36	1009.29	987.59	2.47	ppb
Phosphorus	31-2	19520.77	19605.54	20393.58	19839.96	2.43	ppb
Potassium	39-2	49617.74	50001.80	51110.45	50243.33	1.54	ppb
Rhodium	103-2				91		%
Rhodium	103-1				100		%
Scandium	45-1				107		%
Scandium	45-2				96		%
Selenium	77-2	945.86	1031.25	1011.92	996.34	4.49	ppb
Selenium	78-2	977.77	1016.08	1005.88	999.91	1.98	ppb
Selenium	82-1	965.82	1002.25	1015.94	994.67	2.60	ppb
Silicon	28-1	920.04	941.15	995.37	952.19	4.08	ppb
Silver	109-1	970.49	983.16	1020.79	991.48	2.64	ppb
Silver	107-1	969.64	985.75	1013.56	989.65	2.25	ppb
Sodium	23-2	93098.03	95860.23	97467.84	95475.37	2.31	ppb
Strontium	86-1	966.70	1000.16	1018.88	995.25	2.66	ppb
Strontium	88-1	969.78	995.40	1020.60	995.26	2.55	ppb
Sulfur	34-1	19178.96	19902.43	20771.03	19950.81	4.00	ppb
Terbium	159-1				106		%
Terbium	159-2				95		%
Thallium	203-1	970.57	1002.12	1024.27	998.99	2.70	ppb
Thallium	205-1	969.98	994.68	1023.13	995.93	2.67	ppb
Tin	118-1	991.59	982.42	1024.10	999.37	2.19	ppb
Titanium	47-1	964.77	997.15	1025.61	995.85	3.06	ppb
Uranium	238-1	972.63	993.23	1031.93	999.26	3.01	ppb
Vanadium	51-2	976.89	992.08	1016.06	995.01	1.99	ppb
Yttrium	89-2				94		%
Yttrium	89-1				105		%
Zinc	66-2	1924.93	1983.88	2017.36	1975.39	2.37	ppb
Zirconium	90-1	961.87	1002.54	1028.02	997.48	3.35	ppb

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 13:21:28	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	967.86	997.37	1026.94	997.39	2.96	ppb

LB Number : LB85174 Operator : Jaswal
 Lab Sample ID : S08 Instrumnet Name : P7
 Client Sample ID : S08 Dilution Factor : 1
 Date & Time Acquired :: 2017-01-04 13:25:00 DataFile Name : 010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100246.07	101839.47	98615.43	100233.66	1.61	ppb
Antimony	121-1	7.37	6.97	6.94	7.09	3.43	ppb
Arsenic	75-2	1.79	1.60	1.90	1.77	8.67	ppb
Barium	135-1	1.49	1.64	1.70	1.61	6.91	ppb
Barium	137-1	1.57	1.71	1.61	1.63	4.52	ppb
Beryllium	9-1	0.21	0.22	0.17	0.20	13.95	ppb
Bismuth	209-1				90		%
Bismuth	209-2				80		%
Boron	10-1	104.94	91.16	87.95	94.68	9.53	ppb
Boron	11-1	105.93	94.54	86.05	95.51	10.45	ppb
Cadmium	106-1	-0.29	0.32	-0.51	-0.16		ppb
Cadmium	108-1	0.40	0.50	0.39	0.43	14.91	ppb
Cadmium	111-1	0.24	0.28	0.24	0.25	9.20	ppb
Calcium	43-1	477851.42	499900.06	523988.84	500580.11	4.61	ppb
Calcium	44-1	479878.92	498784.29	523038.76	500567.32	4.32	ppb
Chromium	52-2	30.09	30.66	28.85	29.86	3.09	ppb
Cobalt	59-2	1.36	1.31	1.24	1.30	4.65	ppb
Copper	63-2	2.75	2.66	2.57	2.66	3.44	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				93		%
Holmium	165-1				101		%
Indium	115-1				97		%
Indium	115-2				90		%
Iron	56-2	250629.45	254017.09	242298.16	248981.57	2.42	ppb
Iron	57-2	249940.84	255139.21	242033.24	249037.76	2.65	ppb
Lead	206-1	1.60	1.62	1.70	1.64	3.19	ppb
Lead	207-1	1.39	1.56	1.58	1.51	6.96	ppb
Lead	208-1	1.51	1.56	1.64	1.57	4.17	ppb
Lithium	6-1				99		%
Magnesium	24-2	502356.61	510796.38	487242.88	500131.95	2.39	ppb
Manganese	55-2	7.67	7.96	7.13	7.59	5.57	ppb

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 13:25:00	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.20	2.39	2.49	2.36	6.21	ppb
Molybdenum	95-1	6.73	7.36	7.87	7.32	7.78	ppb
Molybdenum	96-1	6.73	7.07	7.35	7.05	4.44	ppb
Molybdenum	97-1	7.21	7.37	8.07	7.55	6.04	ppb
Molybdenum	98-1	6.86	7.20	7.52	7.19	4.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	18.43	18.43	17.67	18.18	2.41	ppb
Phosphorus	31-2	1.36	-1.59	5.53	1.77	202.49	ppb
Potassium	39-2	249562.60	254006.45	245701.40	249756.82	1.66	ppb
Rhodium	103-2				84		%
Rhodium	103-1				92		%
Scandium	45-1				105		%
Scandium	45-2				96		%
Selenium	77-2	3.04	3.59	0.50	2.38	69.47	ppb
Selenium	78-2	2.84	5.00	2.98	3.61	33.47	ppb
Selenium	82-1	2.49	2.46	3.48	2.81	20.60	ppb
Silicon	28-1	-3.59	1.24	6.39	1.35	370.95	ppb
Silver	109-1	0.10	0.09	0.10	0.10	4.61	ppb
Silver	107-1	0.09	0.09	0.09	0.09	2.02	ppb
Sodium	23-2	504561.13	508216.28	490343.88	501040.43	1.88	ppb
Strontium	86-1	32.36	33.80	34.94	33.70	3.84	ppb
Strontium	88-1	32.81	33.93	34.89	33.87	3.08	ppb
Sulfur	34-1	-573.82	-244.30	-13.78	-277.30		ppb
Terbium	159-1				101		%
Terbium	159-2				94		%
Thallium	203-1	0.71	0.68	0.71	0.70	2.53	ppb
Thallium	205-1	0.71	0.70	0.71	0.71	0.62	ppb
Tin	118-1	1.03	1.21	1.26	1.17	10.56	ppb
Titanium	47-1	0.68	0.74	0.84	0.75	10.47	ppb
Uranium	238-1	0.20	0.20	0.20	0.20	1.75	ppb
Vanadium	51-2	0.32	0.34	0.31	0.32	5.61	ppb
Yttrium	89-2				95		%
Yttrium	89-1				101		%
Zinc	66-2	9.28	9.30	9.15	9.24	0.89	ppb
Zirconium	90-1	0.19	0.23	0.22	0.21	9.51	ppb

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 13:25:00	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.19	0.20	0.22	0.20	5.83	ppb

LB Number : LB85174 Operator : Jaswal
 Lab Sample ID : ICV Instrumnet Name : P7
 Client Sample ID : ICV Dilution Factor : 1
 Date & Time Acquired :: 2017-01-04 13:28:44 DataFile Name : 011ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	512.10	509.25	521.27	514.21	1.22	ppb
Antimony	121-1	181.26	188.78	197.69	189.24	4.34	ppb
Arsenic	75-2	201.50	203.99	209.49	204.99	1.99	ppb
Barium	135-1	98.01	99.89	105.32	101.07	3.76	ppb
Barium	137-1	98.88	102.33	107.90	103.03	4.42	ppb
Beryllium	9-1	96.37	102.30	106.02	101.56	4.79	ppb
Bismuth	209-1				107		%
Bismuth	209-2				92		%
Boron	10-1	660.91	700.98	722.48	694.79	4.50	ppb
Boron	11-1	666.07	702.04	730.54	699.55	4.62	ppb
Cadmium	106-1	176.39	186.18	191.24	184.60	4.09	ppb
Cadmium	108-1	141.69	150.49	155.33	149.17	4.63	ppb
Cadmium	111-1	104.43	109.21	115.62	109.75	5.12	ppb
Calcium	43-1	2173.22	2165.92	2267.95	2202.36	2.58	ppb
Calcium	44-1	2021.78	2109.29	2167.54	2099.54	3.49	ppb
Chromium	52-2	98.07	98.53	101.51	99.37	1.88	ppb
Cobalt	59-2	102.27	104.57	107.86	104.90	2.68	ppb
Copper	63-2	102.31	103.64	107.64	104.53	2.66	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				95		%
Holmium	165-1				108		%
Indium	115-1				109		%
Indium	115-2				97		%
Iron	56-2	1007.07	1019.47	1059.55	1028.70	2.67	ppb
Iron	57-2	980.79	1013.84	1056.46	1017.03	3.73	ppb
Lead	206-1	188.82	198.95	204.02	197.26	3.92	ppb
Lead	207-1	178.01	188.05	192.46	186.18	3.98	ppb
Lead	208-1	184.94	194.42	200.16	193.17	3.98	ppb
Lithium	6-1				112		%
Magnesium	24-2	1213.19	1238.71	1273.59	1241.83	2.44	ppb
Manganese	55-2	101.88	103.12	105.99	103.66	2.03	ppb

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 13:28:44	DataFile Name :	011ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	549.06	564.30	593.20	568.86	3.94	ppb
Molybdenum	95-1	546.42	564.70	589.89	567.00	3.85	ppb
Molybdenum	96-1	545.51	563.40	592.19	567.03	4.15	ppb
Molybdenum	97-1	546.46	566.95	595.73	569.71	4.34	ppb
Molybdenum	98-1	546.83	569.62	594.07	570.18	4.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	103.98	104.98	109.25	106.07	2.64	ppb
Phosphorus	31-2	5.06	-10.45	9.45	1.35	772.89	ppb
Potassium	39-2	1936.45	1974.91	2038.05	1983.14	2.59	ppb
Rhodium	103-2				97		%
Rhodium	103-1				109		%
Scandium	45-1				114		%
Scandium	45-2				100		%
Selenium	77-2	213.11	205.55	195.04	204.57	4.44	ppb
Selenium	78-2	205.25	202.30	210.59	206.05	2.04	ppb
Selenium	82-1	192.14	202.80	209.97	201.64	4.45	ppb
Silicon	28-1	434.43	450.07	481.19	455.23	5.23	ppb
Silver	109-1	100.77	104.91	110.85	105.51	4.80	ppb
Silver	107-1	102.09	105.58	110.96	106.21	4.21	ppb
Sodium	23-2	1996.53	2049.35	2118.36	2054.75	2.97	ppb
Strontium	86-1	549.73	568.32	592.52	570.19	3.76	ppb
Strontium	88-1	555.14	571.09	596.15	574.12	3.60	ppb
Sulfur	34-1	-677.67	-459.35	-202.33	-446.45		ppb
Terbium	159-1				108		%
Terbium	159-2				97		%
Thallium	203-1	191.02	199.09	204.99	198.37	3.54	ppb
Thallium	205-1	196.56	205.36	210.91	204.27	3.54	ppb
Tin	118-1	574.13	581.03	624.60	593.25	4.61	ppb
Titanium	47-1	544.90	574.07	590.01	569.66	4.02	ppb
Uranium	238-1	532.09	546.99	562.07	547.05	2.74	ppb
Vanadium	51-2	97.62	100.23	103.27	100.37	2.81	ppb
Yttrium	89-2				98		%
Yttrium	89-1				111		%
Zinc	66-2	209.65	211.23	218.41	213.10	2.19	ppb
Zirconium	90-1	541.36	573.90	599.11	571.46	5.07	ppb

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 13:28:44	DataFile Name :	011ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	545.67	564.20	595.99	568.62	4.48	ppb

LB Number : LB85174 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P7
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2017-01-04 13:32:13 DataFile Name : 012CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.59	0.96	0.66	0.74	26.74	ppb
Antimony	121-1	3.90	3.68	3.51	3.70	5.23	ppb
Arsenic	75-2	0.60	0.59	0.63	0.61	3.48	ppb
Barium	135-1	0.03	0.03	0.06	0.04	49.88	ppb
Barium	137-1	0.02	0.03	0.05	0.03	51.73	ppb
Beryllium	9-1	0.08	0.03	0.04	0.05	50.37	ppb
Bismuth	209-1				105		%
Bismuth	209-2				90		%
Boron	10-1	35.08	32.51	35.40	34.33	4.62	ppb
Boron	11-1	35.66	33.81	32.35	33.94	4.89	ppb
Cadmium	106-1	-0.05	-0.24	0.09	-0.06		ppb
Cadmium	108-1	-0.01	0.05	-0.01	0.01	344.10	ppb
Cadmium	111-1	0.02	-0.01	0.03	0.01	202.46	ppb
Calcium	43-1	1.22	4.09	3.10	2.80	51.85	ppb
Calcium	44-1	6.01	6.17	10.48	7.55	33.60	ppb
Chromium	52-2	-0.01	-0.01	-0.02	-0.01		ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	24.58	ppb
Copper	63-2	-0.25	-0.27	-0.30	-0.27		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				93		%
Holmium	165-1				107		%
Indium	115-1				109		%
Indium	115-2				95		%
Iron	56-2	2.88	3.22	3.58	3.23	10.84	ppb
Iron	57-2	2.65	2.92	2.82	2.79	4.92	ppb
Lead	206-1	-0.03	-0.03	-0.03	-0.03		ppb
Lead	207-1	-0.03	-0.02	-0.02	-0.02		ppb
Lead	208-1	-0.04	-0.03	-0.03	-0.03		ppb
Lithium	6-1				109		%
Magnesium	24-2	4.02	3.80	4.59	4.14	9.85	ppb
Manganese	55-2	0.02	0.01	0.04	0.02	54.14	ppb

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 13:32:13	DataFile Name :	012CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.43	0.46	0.57	0.49	14.80	ppb
Molybdenum	95-1	1.27	1.59	1.76	1.54	16.09	ppb
Molybdenum	96-1	1.04	1.23	1.38	1.22	14.25	ppb
Molybdenum	97-1	1.36	1.57	1.85	1.59	15.52	ppb
Molybdenum	98-1	1.28	1.41	1.74	1.48	16.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	0.00	0.00	2272.65	ppb
Phosphorus	31-2	8.86	-1.89	-0.38	2.20	264.93	ppb
Potassium	39-2	21.91	22.79	19.62	21.44	7.63	ppb
Rhodium	103-2				94		%
Rhodium	103-1				109		%
Scandium	45-1				113		%
Scandium	45-2				97		%
Selenium	77-2	0.02	0.54	0.02	0.19	154.85	ppb
Selenium	78-2	0.75	1.37	1.05	1.06	29.15	ppb
Selenium	82-1	2.04	0.88	1.44	1.45	39.86	ppb
Silicon	28-1	-28.99	-23.37	-18.63	-23.66		ppb
Silver	109-1	0.01	0.02	0.02	0.02	27.05	ppb
Silver	107-1	0.01	0.01	0.02	0.01	32.02	ppb
Sodium	23-2	54.68	52.97	51.74	53.13	2.78	ppb
Strontium	86-1	-0.01	0.03	0.01	0.01	169.73	ppb
Strontium	88-1	0.03	0.03	0.02	0.02	7.96	ppb
Sulfur	34-1	-744.53	-335.76	-61.75	-380.68		ppb
Terbium	159-1				107		%
Terbium	159-2				94		%
Thallium	203-1	0.17	0.18	0.17	0.17	1.61	ppb
Thallium	205-1	0.16	0.16	0.18	0.17	6.77	ppb
Tin	118-1	0.46	0.52	0.61	0.53	13.98	ppb
Titanium	47-1	0.04	0.04	0.06	0.05	32.17	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	12.29	ppb
Vanadium	51-2	0.01	0.01	0.02	0.01	24.53	ppb
Yttrium	89-2				96		%
Yttrium	89-1				110		%
Zinc	66-2	0.09	0.13	0.08	0.10	26.90	ppb
Zirconium	90-1	0.07	0.07	0.08	0.07	5.88	ppb

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 13:32:13	DataFile Name :	012CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.07	0.06	0.09	0.07	24.00	ppb

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 13:35:45	DataFile Name :	013ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	92654.23	94112.60	96543.80	94436.87	2.08	ppb
Antimony	121-1	2.87	3.03	3.06	2.98	3.30	ppb
Arsenic	75-2	0.53	0.56	0.60	0.56	5.61	ppb
Barium	135-1	1.51	1.48	1.71	1.57	7.99	ppb
Barium	137-1	1.51	1.49	1.55	1.52	2.11	ppb
Beryllium	9-1	0.24	0.28	0.28	0.27	8.06	ppb
Bismuth	209-1				100		%
Bismuth	209-2				87		%
Boron	10-1	26.02	25.10	24.21	25.11	3.61	ppb
Boron	11-1	26.93	23.49	23.39	24.60	8.20	ppb
Cadmium	106-1	-0.34	-1.23	-0.24	-0.60		ppb
Cadmium	108-1	10.24	10.67	10.54	10.48	2.10	ppb
Cadmium	111-1	0.40	0.24	0.33	0.32	23.97	ppb
Calcium	43-1	91143.54	94843.41	97209.54	94398.83	3.24	ppb
Calcium	44-1	92801.72	94944.16	98204.97	95316.95	2.85	ppb
Chromium	52-2	19.07	19.75	19.97	19.60	2.39	ppb
Cobalt	59-2	1.17	1.16	1.20	1.18	1.93	ppb
Copper	63-2	7.55	7.86	7.85	7.75	2.27	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				96		%
Holmium	165-1				107		%
Indium	115-1				105		%
Indium	115-2				93		%
Iron	56-2	96272.69	98808.89	100631.74	98571.10	2.22	ppb
Iron	57-2	95159.19	100404.44	100385.52	98649.72	3.06	ppb
Lead	206-1	4.27	4.48	4.68	4.47	4.62	ppb
Lead	207-1	3.55	3.82	3.93	3.77	5.19	ppb
Lead	208-1	3.88	4.09	4.24	4.07	4.49	ppb
Lithium	6-1				108		%
Magnesium	24-2	96355.97	98296.16	100148.85	98266.99	1.93	ppb
Manganese	55-2	7.85	7.81	8.01	7.89	1.36	ppb

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 13:35:45	DataFile Name :	013ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	571.41	588.06	615.50	591.66	3.76	ppb
Molybdenum	95-1	1886.04	1944.68	2021.81	1950.84	3.49	ppb
Molybdenum	96-1	1566.21	1621.94	1694.17	1627.44	3.94	ppb
Molybdenum	97-1	1956.62	2003.45	2097.08	2019.05	3.54	ppb
Molybdenum	98-1	1899.54	1955.89	2039.51	1964.98	3.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.00	5.39	5.59	5.33	5.63	ppb
Phosphorus	31-2	98215.22	100519.94	104480.91	101072.02	3.14	ppb
Potassium	39-2	94386.55	96365.42	98746.60	96499.52	2.26	ppb
Rhodium	103-2				91		%
Rhodium	103-1				103		%
Scandium	45-1				110		%
Scandium	45-2				98		%
Selenium	77-2	1.00	0.51	1.01	0.84	34.16	ppb
Selenium	78-2	0.26	0.89	-0.43	0.24	276.45	ppb
Selenium	82-1	0.79	0.71	1.25	0.92	31.49	ppb
Silicon	28-1	-4.99	4.29	4.50	1.27	428.23	ppb
Silver	109-1	0.03	0.03	0.03	0.03	3.73	ppb
Silver	107-1	0.03	0.03	0.04	0.03	27.04	ppb
Sodium	23-2	94737.98	95970.34	99057.45	96588.59	2.30	ppb
Strontium	86-1	32.09	33.29	34.13	33.17	3.09	ppb
Strontium	88-1	31.95	33.52	34.69	33.38	4.12	ppb
Sulfur	34-1	81851.74	85680.05	88759.90	85430.56	4.05	ppb
Terbium	159-1				107		%
Terbium	159-2				96		%
Thallium	203-1	0.24	0.29	0.32	0.28	14.93	ppb
Thallium	205-1	0.22	0.29	0.33	0.28	19.15	ppb
Tin	118-1	0.33	0.37	0.44	0.38	14.57	ppb
Titanium	47-1	1877.53	1931.39	1989.18	1932.70	2.89	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	25.94	ppb
Vanadium	51-2	0.15	0.17	0.14	0.15	12.25	ppb
Yttrium	89-2				96		%
Yttrium	89-1				108		%
Zinc	66-2	12.00	11.22	12.18	11.80	4.31	ppb
Zirconium	90-1	0.17	0.17	0.17	0.17	1.10	ppb

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 13:35:45	DataFile Name :	013ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.13	0.14	0.16	0.14	9.56	ppb

LB Number : LB85174 Operator : Jaswal
 Lab Sample ID : ICSAB Instrumnet Name : P7
 Client Sample ID : ICSAB Dilution Factor : 1
 Date & Time Acquired :: 2017-01-04 13:39:12 DataFile Name : 014ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90466.85	91367.63	93785.10	91873.19	1.87	ppb
Antimony	121-1	19.55	19.92	20.63	20.03	2.76	ppb
Arsenic	75-2	19.38	19.50	20.96	19.94	4.41	ppb
Barium	135-1	20.35	20.92	22.27	21.18	4.66	ppb
Barium	137-1	20.45	21.08	22.25	21.26	4.30	ppb
Beryllium	9-1	19.45	20.64	20.86	20.32	3.73	ppb
Bismuth	209-1				102		%
Bismuth	209-2				87		%
Boron	10-1	79.41	82.19	79.74	80.45	1.88	ppb
Boron	11-1	79.65	82.90	85.52	82.69	3.56	ppb
Cadmium	106-1	25.34	24.15	26.54	25.34	4.70	ppb
Cadmium	108-1	30.67	33.13	34.05	32.61	5.35	ppb
Cadmium	111-1	19.40	20.08	20.90	20.13	3.74	ppb
Calcium	43-1	89168.13	92896.46	96649.13	92904.58	4.03	ppb
Calcium	44-1	90132.25	94091.11	98276.60	94166.65	4.32	ppb
Chromium	52-2	37.88	38.70	39.50	38.69	2.09	ppb
Cobalt	59-2	20.58	20.71	21.05	20.78	1.16	ppb
Copper	63-2	27.21	27.41	28.02	27.55	1.54	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				96		%
Holmium	165-1				108		%
Indium	115-1				106		%
Indium	115-2				94		%
Iron	56-2	95025.84	96379.81	98025.29	96476.98	1.56	ppb
Iron	57-2	95135.72	96147.59	97282.93	96188.75	1.12	ppb
Lead	206-1	23.17	23.80	24.57	23.85	2.95	ppb
Lead	207-1	20.75	21.72	22.32	21.60	3.67	ppb
Lead	208-1	21.76	22.66	23.32	22.58	3.47	ppb
Lithium	6-1				109		%
Magnesium	24-2	94621.03	95603.30	97134.35	95786.23	1.32	ppb
Manganese	55-2	27.27	27.62	27.90	27.60	1.15	ppb

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 13:39:12	DataFile Name :	014ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	616.82	640.54	654.05	637.14	2.96	ppb
Molybdenum	95-1	1917.93	1975.81	2054.50	1982.74	3.46	ppb
Molybdenum	96-1	1593.29	1652.71	1705.49	1650.50	3.40	ppb
Molybdenum	97-1	1967.96	2047.98	2104.14	2040.03	3.35	ppb
Molybdenum	98-1	1933.35	1991.76	2062.20	1995.77	3.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.53	24.63	25.05	24.73	1.12	ppb
Phosphorus	31-2	96998.78	98011.56	101041.74	98684.02	2.13	ppb
Potassium	39-2	92239.72	94226.99	96367.96	94278.22	2.19	ppb
Rhodium	103-2				92		%
Rhodium	103-1				103		%
Scandium	45-1				112		%
Scandium	45-2				99		%
Selenium	77-2	20.30	22.01	28.63	23.64	18.61	ppb
Selenium	78-2	20.15	19.39	19.92	19.82	1.99	ppb
Selenium	82-1	19.92	20.05	20.55	20.17	1.63	ppb
Silicon	28-1	64.72	70.17	79.43	71.44	10.41	ppb
Silver	109-1	17.77	18.35	19.57	18.56	4.94	ppb
Silver	107-1	18.01	18.58	19.42	18.67	3.82	ppb
Sodium	23-2	93207.52	94325.77	96103.92	94545.74	1.54	ppb
Strontium	86-1	85.70	88.93	91.93	88.85	3.51	ppb
Strontium	88-1	86.75	90.38	93.56	90.23	3.78	ppb
Sulfur	34-1	79278.38	82005.27	85887.08	82390.24	4.03	ppb
Terbium	159-1				108		%
Terbium	159-2				97		%
Thallium	203-1	18.49	19.45	20.18	19.37	4.38	ppb
Thallium	205-1	19.18	19.87	20.35	19.80	2.97	ppb
Tin	118-1	54.11	55.69	58.43	56.07	3.90	ppb
Titanium	47-1	1898.62	1971.76	2051.85	1974.08	3.88	ppb
Uranium	238-1	53.84	56.47	57.95	56.09	3.72	ppb
Vanadium	51-2	19.51	19.79	20.28	19.86	1.96	ppb
Yttrium	89-2				96		%
Yttrium	89-1				109		%
Zinc	66-2	31.78	32.32	32.24	32.11	0.91	ppb
Zirconium	90-1	54.84	57.04	58.84	56.91	3.52	ppb

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 13:39:12	DataFile Name :	014ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	54.81	57.31	57.97	56.69	2.94	ppb

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	CCV043	Instrumnet Name :	P7
Client Sample ID :	CCV043	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 13:47:36	DataFile Name :	015CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9381.25	9304.73	9712.32	9466.10	2.29	ppb
Antimony	121-1	479.39	490.70	510.35	493.48	3.18	ppb
Arsenic	75-2	493.21	496.33	512.67	500.74	2.09	ppb
Barium	135-1	2435.37	2454.62	2581.94	2490.64	3.20	ppb
Barium	137-1	2432.53	2466.30	2604.42	2501.09	3.64	ppb
Beryllium	9-1	489.60	491.88	527.10	502.86	4.18	ppb
Bismuth	209-1				104		%
Bismuth	209-2				90		%
Boron	10-1	436.37	469.46	505.01	470.28	7.30	ppb
Boron	11-1	440.27	472.87	517.12	476.75	8.09	ppb
Cadmium	106-1	484.48	493.98	521.80	500.09	3.88	ppb
Cadmium	108-1	483.38	504.07	529.77	505.74	4.60	ppb
Cadmium	111-1	486.80	502.35	518.92	502.69	3.20	ppb
Calcium	43-1	46625.74	48559.42	50709.86	48631.67	4.20	ppb
Calcium	44-1	47213.05	48800.76	50986.22	49000.01	3.87	ppb
Chromium	52-2	494.33	495.27	512.25	500.62	2.02	ppb
Cobalt	59-2	499.29	500.78	520.78	506.95	2.37	ppb
Copper	63-2	989.40	997.61	1034.84	1007.28	2.40	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				96		%
Holmium	165-1				110		%
Indium	115-1				110		%
Indium	115-2				96		%
Iron	56-2	27324.39	27353.33	28518.69	27732.14	2.46	ppb
Iron	57-2	27094.52	27229.39	28287.39	27537.10	2.37	ppb
Lead	206-1	465.45	480.38	488.37	478.07	2.43	ppb
Lead	207-1	462.31	476.17	482.91	473.80	2.22	ppb
Lead	208-1	472.29	485.85	490.81	482.98	1.98	ppb
Lithium	6-1				111		%
Magnesium	24-2	49401.63	49004.98	51423.90	49943.50	2.60	ppb
Manganese	55-2	988.57	992.94	1038.94	1006.81	2.77	ppb

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	CCV043	Instrumnet Name :	P7
Client Sample ID :	CCV043	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 13:47:36	DataFile Name :	015CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	475.07	499.71	503.20	492.66	3.11	ppb
Molybdenum	95-1	470.78	490.97	505.25	489.00	3.54	ppb
Molybdenum	96-1	469.95	489.65	502.52	487.37	3.37	ppb
Molybdenum	97-1	471.11	491.32	506.14	489.52	3.59	ppb
Molybdenum	98-1	463.14	482.57	497.91	481.21	3.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	500.62	500.57	521.36	507.52	2.36	ppb
Phosphorus	31-2	9811.50	9845.03	10430.13	10028.89	3.47	ppb
Potassium	39-2	26128.73	26196.48	27051.47	26458.89	1.94	ppb
Rhodium	103-2				96		%
Rhodium	103-1				108		%
Scandium	45-1				116		%
Scandium	45-2				101		%
Selenium	77-2	473.69	487.17	499.61	486.82	2.66	ppb
Selenium	78-2	491.96	497.24	515.00	501.40	2.41	ppb
Selenium	82-1	471.48	498.53	515.26	495.09	4.46	ppb
Silicon	28-1	456.97	495.29	539.70	497.32	8.33	ppb
Silver	109-1	498.68	506.29	523.27	509.42	2.47	ppb
Silver	107-1	494.85	506.75	525.40	509.00	3.02	ppb
Sodium	23-2	47003.66	46943.35	49085.02	47677.34	2.56	ppb
Strontium	86-1	477.31	492.76	512.21	494.09	3.54	ppb
Strontium	88-1	479.96	500.21	512.36	497.51	3.29	ppb
Sulfur	34-1	8467.01	9241.66	10006.00	9238.22	8.33	ppb
Terbium	159-1				111		%
Terbium	159-2				97		%
Thallium	203-1	475.77	487.17	498.62	487.19	2.35	ppb
Thallium	205-1	490.40	495.21	505.73	497.11	1.58	ppb
Tin	118-1	476.93	490.58	508.54	492.02	3.22	ppb
Titanium	47-1	473.38	492.52	514.96	493.62	4.22	ppb
Uranium	238-1	466.17	481.35	492.59	480.04	2.76	ppb
Vanadium	51-2	497.91	495.27	513.66	502.28	1.98	ppb
Yttrium	89-2				99		%
Yttrium	89-1				113		%
Zinc	66-2	980.44	999.64	1040.34	1006.80	3.04	ppb
Zirconium	90-1	476.74	495.55	509.38	493.89	3.32	ppb

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	CCV043	Instrumnet Name :	P7
Client Sample ID :	CCV043	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 13:47:36	DataFile Name :	015CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	470.47	490.60	508.33	489.80	3.87	ppb

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	CCB043	Instrumnet Name :	P7
Client Sample ID :	CCB043	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 13:51:01	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.22	0.92	1.33	1.16	18.69	ppb
Antimony	121-1	4.84	4.33	4.24	4.47	7.27	ppb
Arsenic	75-2	0.62	0.63	0.80	0.69	14.69	ppb
Barium	135-1	0.12	0.11	0.09	0.11	12.00	ppb
Barium	137-1	0.14	0.11	0.10	0.12	15.10	ppb
Beryllium	9-1	0.02	0.04	0.05	0.04	45.00	ppb
Bismuth	209-1				105		%
Bismuth	209-2				87		%
Boron	10-1	47.88	43.62	43.15	44.88	5.81	ppb
Boron	11-1	48.25	44.26	41.86	44.79	7.21	ppb
Cadmium	106-1	-1.12	-0.37	-0.05	-0.51		ppb
Cadmium	108-1	0.05	0.07	0.19	0.10	72.61	ppb
Cadmium	111-1	-0.02	0.04	0.03	0.01	234.29	ppb
Calcium	43-1	-0.68	5.31	3.30	2.64	115.41	ppb
Calcium	44-1	8.25	11.06	11.54	10.28	17.30	ppb
Chromium	52-2	0.02	-0.01	0.03	0.01	143.65	ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	220.74	ppb
Copper	63-2	-0.23	-0.17	-0.16	-0.19		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				91		%
Holmium	165-1				108		%
Indium	115-1				110		%
Indium	115-2				93		%
Iron	56-2	2.87	2.91	3.61	3.13	13.31	ppb
Iron	57-2	1.09	1.89	2.71	1.90	42.90	ppb
Lead	206-1	0.00	-0.01	0.00	0.00		ppb
Lead	207-1	0.01	0.03	0.02	0.02	59.53	ppb
Lead	208-1	0.00	0.00	0.01	0.00	279.23	ppb
Lithium	6-1				107		%
Magnesium	24-2	3.16	3.53	4.42	3.70	17.46	ppb
Manganese	55-2	0.05	0.03	0.04	0.04	25.64	ppb

LB Number : LB85174 Operator : Jaswal
 Lab Sample ID : CCB043 Instrumnet Name : P7
 Client Sample ID : CCB043 Dilution Factor : 1
 Date & Time Acquired :: 2017-01-04 13:51:01 DataFile Name : 016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.41	0.48	0.58	0.49	17.75	ppb
Molybdenum	95-1	1.18	1.44	1.73	1.45	19.07	ppb
Molybdenum	96-1	0.97	1.23	1.38	1.19	17.58	ppb
Molybdenum	97-1	1.17	1.38	1.72	1.43	19.48	ppb
Molybdenum	98-1	1.21	1.34	1.63	1.39	15.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.01	-0.01	0.00		ppb
Phosphorus	31-2	10.41	-7.88	-13.40	-3.62		ppb
Potassium	39-2	21.27	27.55	20.67	23.16	16.46	ppb
Rhodium	103-2				93		%
Rhodium	103-1				110		%
Scandium	45-1				113		%
Scandium	45-2				94		%
Selenium	77-2	1.04	0.58	0.99	0.87	29.38	ppb
Selenium	78-2	2.37	1.29	1.69	1.78	30.68	ppb
Selenium	82-1	2.04	1.77	2.62	2.14	20.24	ppb
Silicon	28-1	-18.91	-18.30	-10.55	-15.92		ppb
Silver	109-1	0.05	0.03	0.03	0.04	26.28	ppb
Silver	107-1	0.05	0.02	0.04	0.03	37.24	ppb
Sodium	23-2	40.57	40.16	38.98	39.90	2.06	ppb
Strontium	86-1	-0.03	0.01	-0.04	-0.02		ppb
Strontium	88-1	0.03	0.03	0.03	0.03	4.84	ppb
Sulfur	34-1	-885.22	-685.70	-393.99	-654.97		ppb
Terbium	159-1				108		%
Terbium	159-2				91		%
Thallium	203-1	0.09	0.09	0.08	0.09	4.76	ppb
Thallium	205-1	0.09	0.09	0.08	0.09	8.08	ppb
Tin	118-1	0.40	0.43	0.49	0.44	11.28	ppb
Titanium	47-1	0.11	0.11	0.10	0.10	4.51	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	16.36	ppb
Vanadium	51-2	0.02	0.01	0.02	0.02	21.32	ppb
Yttrium	89-2				93		%
Yttrium	89-1				111		%
Zinc	66-2	0.11	0.05	0.06	0.07	45.31	ppb
Zirconium	90-1	0.07	0.07	0.07	0.07	4.14	ppb

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	CCB043	Instrumnet Name :	P7
Client Sample ID :	CCB043	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 13:51:01	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.07	0.08	0.11	0.09	22.07	ppb

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 13:54:31	DataFile Name :	017SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.40	18.98	18.36	19.25	5.42	ppb
Antimony	121-1	3.11	3.13	3.10	3.11	0.54	ppb
Arsenic	75-2	1.16	1.19	1.14	1.16	2.18	ppb
Barium	135-1	8.81	9.11	9.05	8.99	1.76	ppb
Barium	137-1	8.42	8.85	9.06	8.78	3.67	ppb
Beryllium	9-1	0.92	0.83	0.94	0.90	6.71	ppb
Bismuth	209-1				104		%
Bismuth	209-2				87		%
Boron	10-1	27.13	23.94	23.61	24.89	7.81	ppb
Boron	11-1	25.46	24.83	24.27	24.85	2.39	ppb
Cadmium	106-1	1.64	0.36	0.42	0.80	89.63	ppb
Cadmium	108-1	0.75	0.80	0.98	0.84	14.18	ppb
Cadmium	111-1	0.93	0.89	0.90	0.91	2.61	ppb
Calcium	43-1	418.68	432.78	418.46	423.31	1.94	ppb
Calcium	44-1	420.77	428.87	437.91	429.19	2.00	ppb
Chromium	52-2	1.85	1.89	1.89	1.88	1.24	ppb
Cobalt	59-2	0.96	0.94	0.99	0.96	2.37	ppb
Copper	63-2	1.53	1.59	1.61	1.58	2.86	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				92		%
Holmium	165-1				107		%
Indium	115-1				109		%
Indium	115-2				93		%
Iron	56-2	44.98	46.40	47.47	46.28	2.70	ppb
Iron	57-2	45.64	47.04	43.37	45.35	4.08	ppb
Lead	206-1	0.84	0.86	0.88	0.86	2.49	ppb
Lead	207-1	0.83	0.82	0.87	0.84	3.37	ppb
Lead	208-1	0.83	0.84	0.87	0.85	2.74	ppb
Lithium	6-1				107		%
Magnesium	24-2	437.98	450.86	451.47	446.77	1.70	ppb
Manganese	55-2	0.93	1.04	1.05	1.01	6.58	ppb

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 13:54:31	DataFile Name :	017SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.95	2.06	2.14	2.05	4.77	ppb
Molybdenum	95-1	4.61	4.86	5.10	4.86	5.01	ppb
Molybdenum	96-1	4.00	4.05	4.16	4.07	2.09	ppb
Molybdenum	97-1	4.74	4.96	5.05	4.92	3.30	ppb
Molybdenum	98-1	4.42	4.71	4.79	4.64	4.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.88	0.98	0.93	0.93	5.45	ppb
Phosphorus	31-2	7.54	25.12	22.31	18.32	51.54	ppb
Potassium	39-2	428.24	447.69	456.52	444.15	3.26	ppb
Rhodium	103-2				93		%
Rhodium	103-1				110		%
Scandium	45-1				113		%
Scandium	45-2				96		%
Selenium	77-2	5.54	4.15	4.44	4.71	15.57	ppb
Selenium	78-2	5.71	5.60	6.25	5.85	5.96	ppb
Selenium	82-1	5.62	6.05	6.04	5.90	4.14	ppb
Silicon	28-1	-18.19	-16.61	-12.11	-15.64		ppb
Silver	109-1	0.92	0.88	0.97	0.92	4.81	ppb
Silver	107-1	0.90	0.90	1.01	0.93	6.64	ppb
Sodium	23-2	445.79	459.38	462.12	455.76	1.92	ppb
Strontium	86-1	0.89	0.89	0.90	0.89	0.55	ppb
Strontium	88-1	0.89	0.97	0.96	0.94	4.67	ppb
Sulfur	34-1	-675.26	-570.54	-418.58	-554.79		ppb
Terbium	159-1				107		%
Terbium	159-2				92		%
Thallium	203-1	0.83	0.83	0.88	0.84	3.17	ppb
Thallium	205-1	0.88	0.88	0.94	0.90	3.67	ppb
Tin	118-1	4.52	4.55	4.74	4.60	2.57	ppb
Titanium	47-1	4.19	4.34	4.30	4.28	1.88	ppb
Uranium	238-1	0.83	0.84	0.85	0.84	1.27	ppb
Vanadium	51-2	4.37	4.27	4.37	4.34	1.33	ppb
Yttrium	89-2				94		%
Yttrium	89-1				110		%
Zinc	66-2	1.97	1.57	2.16	1.90	15.79	ppb
Zirconium	90-1	0.79	0.84	0.80	0.81	2.85	ppb

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 13:54:31	DataFile Name :	017SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.78	0.80	0.88	0.82	6.59	ppb

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	PB95739BL	Instrumnet Name :	P7
Client Sample ID :	PB95739BL	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 13:58:01	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.71	0.91	0.27	0.63	51.58	ppb
Antimony	121-1	0.69	0.74	0.74	0.72	4.04	ppb
Arsenic	75-2	0.11	0.09	0.17	0.12	33.83	ppb
Barium	135-1	0.00	0.04	0.00	0.01	192.48	ppb
Barium	137-1	0.01	0.02	0.01	0.01	48.45	ppb
Beryllium	9-1	-0.03	-0.04	-0.01	-0.03		ppb
Bismuth	209-1				104		%
Bismuth	209-2				86		%
Boron	10-1	12.52	13.33	12.90	12.92	3.15	ppb
Boron	11-1	13.12	13.26	12.67	13.02	2.38	ppb
Cadmium	106-1	-0.21	-0.44	-0.64	-0.43		ppb
Cadmium	108-1	0.01	0.05	-0.03	0.01	399.33	ppb
Cadmium	111-1	-0.02	-0.04	-0.05	-0.04		ppb
Calcium	43-1	2.38	-1.00	-0.16	0.40	434.00	ppb
Calcium	44-1	4.66	7.19	9.14	7.00	32.11	ppb
Chromium	52-2	-0.04	0.01	0.01	-0.01		ppb
Cobalt	59-2	0.00	0.00	-0.01	-0.01		ppb
Copper	63-2	-0.33	-0.35	-0.32	-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	165-2				90		%
Holmium	165-1				105		%
Indium	115-1				109		%
Indium	115-2				92		%
Iron	56-2	1.82	1.38	1.62	1.61	13.80	ppb
Iron	57-2	2.45	1.30	1.29	1.68	39.72	ppb
Lead	206-1	-0.02	-0.02	0.02	0.00		ppb
Lead	207-1	-0.02	0.00	0.02	0.00		ppb
Lead	208-1	-0.02	-0.02	0.00	-0.01		ppb
Lithium	6-1				105		%
Magnesium	24-2	2.24	1.50	2.54	2.09	25.71	ppb
Manganese	55-2	0.02	-0.01	-0.01	0.00	15552.90	ppb

LB Number : LB85174 Operator : Jaswal
 Lab Sample ID : PB95739BL Instrumnet Name : P7
 Client Sample ID : PB95739BL Dilution Factor : 1
 Date & Time Acquired :: 2017-01-04 13:58:01 DataFile Name : 018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.09	0.12	0.17	0.12	30.96	ppb
Molybdenum	95-1	0.29	0.32	0.38	0.33	14.34	ppb
Molybdenum	96-1	0.26	0.25	0.31	0.27	12.06	ppb
Molybdenum	97-1	0.26	0.31	0.39	0.32	21.36	ppb
Molybdenum	98-1	0.29	0.32	0.39	0.34	15.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.00	0.01	0.00		ppb
Phosphorus	31-2	-5.31	-0.96	-12.85	-6.37		ppb
Potassium	39-2	16.46	19.41	14.84	16.91	13.71	ppb
Rhodium	103-2				92		%
Rhodium	103-1				109		%
Scandium	45-1				112		%
Scandium	45-2				94		%
Selenium	77-2	0.55	-0.47	0.52	0.20	287.25	ppb
Selenium	78-2	-0.59	0.17	0.46	0.01	3657.60	ppb
Selenium	82-1	1.05	1.05	2.99	1.70	66.01	ppb
Silicon	28-1	-22.99	-16.73	-13.27	-17.66		ppb
Silver	109-1	0.00	0.01	0.01	0.01	43.37	ppb
Silver	107-1	0.01	0.01	0.00	0.01	36.57	ppb
Sodium	23-2	26.97	26.32	25.31	26.20	3.18	ppb
Strontium	86-1	-0.03	-0.01	0.01	-0.01		ppb
Strontium	88-1	0.01	0.00	0.01	0.01	25.96	ppb
Sulfur	34-1	-802.52	-437.66	-210.78	-483.65		ppb
Terbium	159-1				106		%
Terbium	159-2				90		%
Thallium	203-1	0.01	0.00	0.01	0.01	49.75	ppb
Thallium	205-1	0.01	0.02	0.01	0.01	48.46	ppb
Tin	118-1	0.06	0.09	0.12	0.09	29.49	ppb
Titanium	47-1	0.03	0.05	0.03	0.04	24.63	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	241.05	ppb
Yttrium	89-2				93		%
Yttrium	89-1				110		%
Zinc	66-2	0.06	0.04	0.04	0.05	29.89	ppb
Zirconium	90-1	0.03	0.03	0.03	0.03	4.88	ppb

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	PB95739BL	Instrumnet Name :	P7
Client Sample ID :	PB95739BL	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 13:58:01	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.03	0.04	0.03	39.50	ppb

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	PB95739BS	Instrumnet Name :	P7
Client Sample ID :	PB95739BS	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 14:01:31	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9560.70	9663.59	10006.79	9743.69	2.40	ppb
Antimony	121-1	485.72	502.30	530.77	506.26	4.50	ppb
Arsenic	75-2	499.40	503.84	520.33	507.86	2.17	ppb
Barium	135-1	2448.44	2544.77	2663.69	2552.30	4.22	ppb
Barium	137-1	2456.99	2564.63	2666.46	2562.69	4.09	ppb
Beryllium	9-1	498.18	517.72	534.08	516.66	3.48	ppb
Bismuth	209-1				102		%
Bismuth	209-2				89		%
Boron	10-1	431.40	467.98	504.70	468.03	7.83	ppb
Boron	11-1	443.75	471.65	508.65	474.68	6.86	ppb
Cadmium	106-1	498.00	515.11	547.28	520.13	4.81	ppb
Cadmium	108-1	498.88	518.98	545.70	521.19	4.51	ppb
Cadmium	111-1	497.65	515.67	541.13	518.15	4.22	ppb
Calcium	43-1	48149.94	49783.83	51599.05	49844.28	3.46	ppb
Calcium	44-1	48038.92	50009.01	51342.60	49796.84	3.34	ppb
Chromium	52-2	504.43	505.45	521.88	510.59	1.92	ppb
Cobalt	59-2	506.30	512.90	528.39	515.86	2.20	ppb
Copper	63-2	1008.89	1011.08	1053.43	1024.47	2.45	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				96		%
Holmium	165-1				107		%
Indium	115-1				107		%
Indium	115-2				95		%
Iron	56-2	27740.87	27944.91	28703.27	28129.69	1.80	ppb
Iron	57-2	27582.20	27818.72	28521.02	27973.98	1.75	ppb
Lead	206-1	466.26	495.60	518.72	493.53	5.33	ppb
Lead	207-1	457.42	486.95	508.36	484.24	5.28	ppb
Lead	208-1	467.88	496.81	518.48	494.39	5.14	ppb
Lithium	6-1				107		%
Magnesium	24-2	49429.67	50440.50	52195.07	50688.42	2.76	ppb
Manganese	55-2	1014.53	1013.88	1047.59	1025.33	1.88	ppb

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	PB95739BS	Instrumnet Name :	P7
Client Sample ID :	PB95739BS	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 14:01:31	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	476.33	491.66	522.08	496.69	4.69	ppb
Molybdenum	95-1	478.71	491.85	517.29	495.95	3.95	ppb
Molybdenum	96-1	476.37	494.72	516.24	495.77	4.03	ppb
Molybdenum	97-1	479.34	496.30	517.87	497.83	3.88	ppb
Molybdenum	98-1	471.63	490.27	511.64	491.18	4.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	505.33	508.22	529.20	514.25	2.53	ppb
Phosphorus	31-2	10284.61	10226.37	10702.09	10404.36	2.49	ppb
Potassium	39-2	26384.48	26739.52	27457.11	26860.37	2.03	ppb
Rhodium	103-2				95		%
Rhodium	103-1				105		%
Scandium	45-1				113		%
Scandium	45-2				101		%
Selenium	77-2	485.69	501.34	561.99	516.34	7.81	ppb
Selenium	78-2	518.30	517.57	527.55	521.14	1.07	ppb
Selenium	82-1	485.25	505.05	524.00	504.77	3.84	ppb
Silicon	28-1	483.83	504.68	542.71	510.41	5.85	ppb
Silver	109-1	497.74	520.89	540.52	519.72	4.12	ppb
Silver	107-1	499.85	519.09	542.36	520.44	4.09	ppb
Sodium	23-2	47972.91	48928.49	50117.27	49006.23	2.19	ppb
Strontium	86-1	484.44	501.45	526.38	504.09	4.18	ppb
Strontium	88-1	486.39	504.06	527.06	505.83	4.03	ppb
Sulfur	34-1	9385.59	9766.30	10464.57	9872.15	5.54	ppb
Terbium	159-1				108		%
Terbium	159-2				97		%
Thallium	203-1	475.52	502.60	523.79	500.64	4.83	ppb
Thallium	205-1	483.78	508.59	527.99	506.78	4.37	ppb
Tin	118-1	486.75	506.88	531.79	508.47	4.44	ppb
Titanium	47-1	488.92	504.48	519.46	504.29	3.03	ppb
Uranium	238-1	469.97	486.13	518.47	491.52	5.02	ppb
Vanadium	51-2	501.08	503.62	519.38	508.02	1.95	ppb
Yttrium	89-2				99		%
Yttrium	89-1				110		%
Zinc	66-2	1011.52	1021.90	1066.13	1033.18	2.81	ppb
Zirconium	90-1	476.80	499.15	521.18	499.04	4.45	ppb

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	PB95739BS	Instrumnet Name :	P7
Client Sample ID :	PB95739BS	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 14:01:31	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	474.73	497.10	522.01	497.94	4.75	ppb

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	H6161-01A	Instrumnet Name :	P7
Client Sample ID :	MYA998A	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 14:04:55	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39010.46	38743.67	38401.11	38718.41	0.79	ppb
Antimony	121-1	5.42	5.08	5.09	5.19	3.74	ppb
Arsenic	75-2	20.66	21.11	21.73	21.17	2.52	ppb
Barium	135-1	714.87	709.49	715.33	713.23	0.46	ppb
Barium	137-1	721.04	722.75	724.82	722.87	0.26	ppb
Beryllium	9-1	2.14	2.08	2.09	2.10	1.62	ppb
Bismuth	209-1				102		%
Bismuth	209-2				97		%
Boron	10-1	75.31	67.43	63.55	68.76	8.71	ppb
Boron	11-1	72.46	66.78	63.85	67.70	6.46	ppb
Cadmium	106-1	1.46	2.92	1.95	2.11	35.27	ppb
Cadmium	108-1	1.55	1.55	1.50	1.53	1.98	ppb
Cadmium	111-1	1.06	1.32	1.25	1.21	10.92	ppb
Calcium	43-1	18908.77	19021.42	19074.57	19001.59	0.45	ppb
Calcium	44-1	19260.16	19242.90	19002.82	19168.63	0.75	ppb
Chromium	52-2	181.90	182.49	180.70	181.70	0.50	ppb
Cobalt	59-2	54.78	54.16	54.12	54.35	0.69	ppb
Copper	63-2	109.95	109.27	110.09	109.77	0.40	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				102		%
Holmium	165-1				105		%
Indium	115-1				106		%
Indium	115-2				102		%
Iron	56-2	101047.18	99650.20	99596.44	100097.94	0.82	ppb
Iron	57-2	102512.76	101598.16	100934.26	101681.72	0.78	ppb
Lead	206-1	32.17	32.96	32.76	32.63	1.26	ppb
Lead	207-1	28.74	29.47	29.39	29.20	1.37	ppb
Lead	208-1	30.51	31.15	31.06	30.90	1.12	ppb
Lithium	6-1				108		%
Magnesium	24-2	29868.79	29518.90	28984.55	29457.41	1.51	ppb
Manganese	55-2	3677.38	3631.50	3604.64	3637.84	1.01	ppb

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	H6161-01A	Instrumnet Name :	P7
Client Sample ID :	MYA998A	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 14:04:55	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.33	2.32	2.40	2.35	1.89	ppb
Molybdenum	95-1	2.00	2.14	2.48	2.20	11.30	ppb
Molybdenum	96-1	2.51	2.64	2.74	2.63	4.48	ppb
Molybdenum	97-1	1.99	2.31	2.39	2.23	9.59	ppb
Molybdenum	98-1	2.05	2.05	2.28	2.13	6.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	321.16	318.54	319.69	319.79	0.41	ppb
Phosphorus	31-2	2238.52	2279.21	2291.71	2269.81	1.23	ppb
Potassium	39-2	2891.67	2841.12	2854.42	2862.40	0.92	ppb
Rhodium	103-2				101		%
Rhodium	103-1				103		%
Scandium	45-1				115		%
Scandium	45-2				109		%
Selenium	77-2	41.37	34.68	36.56	37.54	9.19	ppb
Selenium	78-2	16.87	15.46	14.23	15.52	8.52	ppb
Selenium	82-1	12.06	11.15	11.68	11.63	3.91	ppb
Silicon	28-1	7978.52	7914.73	7863.69	7918.98	0.73	ppb
Silver	109-1	0.41	0.44	0.45	0.43	4.93	ppb
Silver	107-1	0.43	0.45	0.43	0.44	2.55	ppb
Sodium	23-2	725.22	724.12	714.04	721.13	0.85	ppb
Strontium	86-1	132.01	130.46	131.47	131.31	0.60	ppb
Strontium	88-1	133.15	133.06	134.47	133.56	0.59	ppb
Sulfur	34-1	-454.90	-465.14	-472.63	-464.22		ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	0.68	0.52	0.40	0.54	26.15	ppb
Thallium	205-1	0.68	0.55	0.39	0.54	26.35	ppb
Tin	118-1	1.32	1.41	1.40	1.38	3.32	ppb
Titanium	47-1	344.03	352.32	342.89	346.42	1.49	ppb
Uranium	238-1	1.57	1.60	1.57	1.58	1.00	ppb
Vanadium	51-2	144.22	144.38	143.50	144.03	0.33	ppb
Yttrium	89-2				115		%
Yttrium	89-1				118		%
Zinc	66-2	212.06	210.63	211.60	211.43	0.34	ppb
Zirconium	90-1	2.47	2.47	2.46	2.47	0.18	ppb

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	H6161-01A	Instrumnet Name :	P7
Client Sample ID :	MYA998A	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 14:04:55	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	2.53	2.44	2.33	2.43	4.24	ppb

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	H6208-01	Instrumnet Name :	P7
Client Sample ID :	WP021MW463-161220	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 14:08:24	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90.26	93.56	96.01	93.28	3.09	ppb
Antimony	121-1	6.81	7.04	7.52	7.12	5.07	ppb
Arsenic	75-2	2.51	2.35	2.31	2.39	4.38	ppb
Barium	135-1	135.67	135.55	136.05	135.75	0.19	ppb
Barium	137-1	137.42	138.44	138.12	137.99	0.38	ppb
Beryllium	9-1	0.00	-0.03	-0.05	-0.02		ppb
Bismuth	209-1				106		%
Bismuth	209-2				89		%
Boron	10-1	206.76	199.99	196.30	201.02	2.64	ppb
Boron	11-1	209.96	204.51	202.55	205.68	1.87	ppb
Cadmium	106-1	-1.15	-0.21	-1.12	-0.83		ppb
Cadmium	108-1	0.54	0.35	0.30	0.40	31.81	ppb
Cadmium	111-1	0.31	0.26	0.13	0.23	38.95	ppb
Calcium	43-1	172958.55	172202.39	177019.20	174060.05	1.49	ppb
Calcium	44-1	174108.47	173044.74	174800.86	173984.69	0.51	ppb
Chromium	52-2	90.73	91.00	90.16	90.63	0.47	ppb
Cobalt	59-2	1.75	1.75	1.73	1.74	0.69	ppb
Copper	63-2	13.70	13.60	13.37	13.56	1.23	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				89		%
Holmium	165-1				95		%
Indium	115-1				101		%
Indium	115-2				89		%
Iron	56-2	227.86	222.93	226.54	225.78	1.13	ppb
Iron	57-2	238.65	234.36	235.72	236.24	0.93	ppb
Lead	206-1	0.78	0.70	0.66	0.71	8.09	ppb
Lead	207-1	0.73	0.69	0.58	0.67	12.06	ppb
Lead	208-1	0.76	0.68	0.63	0.69	9.88	ppb
Lithium	6-1				140		%
Magnesium	24-2	13041.54	12704.53	12896.72	12880.93	1.31	ppb
Manganese	55-2	323.11	320.03	318.80	320.65	0.69	ppb

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	H6208-01	Instrumnet Name :	P7
Client Sample ID :	WP021MW463-161220	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 14:08:24	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.06	1.14	1.15	1.12	4.36	ppb
Molybdenum	95-1	2.70	2.98	2.97	2.88	5.62	ppb
Molybdenum	96-1	2.26	2.51	2.46	2.41	5.46	ppb
Molybdenum	97-1	2.79	2.86	3.04	2.90	4.41	ppb
Molybdenum	98-1	3.11	3.27	3.12	3.17	2.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.50	2.55	2.56	2.54	1.16	ppb
Phosphorus	31-2	14.68	14.38	12.70	13.92	7.65	ppb
Potassium	39-2	9265.67	9260.43	9188.52	9238.21	0.47	ppb
Rhodium	103-2				86		%
Rhodium	103-1				90		%
Scandium	45-1				93		%
Scandium	45-2				88		%
Selenium	77-2	6.63	6.10	7.22	6.65	8.43	ppb
Selenium	78-2	2.95	3.69	3.89	3.51	14.14	ppb
Selenium	82-1	3.80	2.78	3.17	3.25	15.86	ppb
Silicon	28-1	8565.14	8569.76	8588.81	8574.57	0.15	ppb
Silver	109-1	0.38	0.34	0.33	0.35	7.51	ppb
Silver	107-1	0.40	0.35	0.34	0.36	8.69	ppb
Sodium	23-2	59308.98	57781.16	58393.43	58494.52	1.31	ppb
Strontium	86-1	863.25	866.23	856.18	861.89	0.60	ppb
Strontium	88-1	866.67	871.46	857.47	865.20	0.82	ppb
Sulfur	34-1	46666.53	46377.82	46398.47	46480.94	0.35	ppb
Terbium	159-1				94		%
Terbium	159-2				90		%
Thallium	203-1	0.07	0.07	0.04	0.06	26.41	ppb
Thallium	205-1	0.08	0.06	0.04	0.06	26.53	ppb
Tin	118-1	4.31	4.29	4.31	4.30	0.18	ppb
Titanium	47-1	1.91	1.93	2.24	2.03	9.05	ppb
Uranium	238-1	1.60	1.64	1.67	1.63	2.07	ppb
Vanadium	51-2	2.04	2.17	2.25	2.15	4.99	ppb
Yttrium	89-2				86		%
Yttrium	89-1				93		%
Zinc	66-2	19.20	19.83	20.22	19.75	2.61	ppb
Zirconium	90-1	0.36	0.38	0.35	0.36	3.34	ppb

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	H6208-01	Instrumnet Name :	P7
Client Sample ID :	WP021MW463-161220	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 14:08:24	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.40	0.39	0.31	0.37	12.57	ppb

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	H6208-01DLX20	Instrumnet Name :	P7
Client Sample ID :	WP021MW463-161220D	Dilution Factor :	20
Date & Time Acquired ::	2017-01-04 14:11:53	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.19	5.62	6.57	5.79	12.14	ppb
Antimony	121-1	0.39	0.42	0.43	0.41	5.73	ppb
Arsenic	75-2	0.17	0.17	0.24	0.19	20.14	ppb
Barium	135-1	6.64	6.60	6.50	6.58	1.09	ppb
Barium	137-1	6.66	6.47	6.69	6.61	1.79	ppb
Beryllium	9-1	-0.03	-0.05	-0.03	-0.03		ppb
Bismuth	209-1				102		%
Bismuth	209-2				93		%
Boron	10-1	29.92	28.93	30.64	29.83	2.87	ppb
Boron	11-1	31.89	30.90	29.67	30.82	3.60	ppb
Cadmium	106-1	-0.23	-1.75	-0.76	-0.91		ppb
Cadmium	108-1	0.01	0.01	-0.03	0.00		ppb
Cadmium	111-1	-0.02	-0.10	-0.05	-0.06		ppb
Calcium	43-1	8316.95	8506.13	8389.66	8404.24	1.14	ppb
Calcium	44-1	8504.64	8518.18	8545.20	8522.67	0.24	ppb
Chromium	52-2	4.40	4.45	4.54	4.46	1.68	ppb
Cobalt	59-2	0.07	0.05	0.09	0.07	24.14	ppb
Copper	63-2	0.74	0.76	0.73	0.74	2.06	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				97		%
Holmium	165-1				102		%
Indium	115-1				103		%
Indium	115-2				97		%
Iron	56-2	11.85	11.90	12.58	12.11	3.38	ppb
Iron	57-2	10.85	11.66	12.11	11.54	5.57	ppb
Lead	206-1	-0.03	-0.05	-0.05	-0.04		ppb
Lead	207-1	-0.03	-0.03	-0.04	-0.03		ppb
Lead	208-1	-0.04	-0.06	-0.06	-0.05		ppb
Lithium	6-1				106		%
Magnesium	24-2	609.25	622.46	631.50	621.07	1.80	ppb
Manganese	55-2	15.52	15.81	15.64	15.66	0.91	ppb

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	H6208-01DLX20	Instrumnet Name :	P7
Client Sample ID :	WP021MW463-161220D	Dilution Factor :	20
Date & Time Acquired ::	2017-01-04 14:11:53	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.10	0.11	0.14	0.12	15.67	ppb
Molybdenum	95-1	0.31	0.34	0.44	0.37	17.93	ppb
Molybdenum	96-1	0.23	0.32	0.38	0.31	24.33	ppb
Molybdenum	97-1	0.31	0.35	0.44	0.36	18.29	ppb
Molybdenum	98-1	0.29	0.37	0.38	0.35	13.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.11	0.13	0.16	0.13	20.80	ppb
Phosphorus	31-2	-8.49	-1.56	-11.60	-7.22		ppb
Potassium	39-2	448.83	453.93	457.77	453.51	0.99	ppb
Rhodium	103-2				98		%
Rhodium	103-1				101		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	77-2	0.52	0.51	0.02	0.35	81.49	ppb
Selenium	78-2	0.29	0.60	0.58	0.49	35.14	ppb
Selenium	82-1	-0.17	-0.63	0.59	-0.07		ppb
Silicon	28-1	540.41	535.88	549.11	541.80	1.24	ppb
Silver	109-1	0.06	0.07	0.05	0.06	12.34	ppb
Silver	107-1	0.06	0.07	0.06	0.06	10.44	ppb
Sodium	23-2	2777.83	2788.53	2856.74	2807.70	1.52	ppb
Strontium	86-1	41.57	41.88	42.39	41.94	0.99	ppb
Strontium	88-1	42.25	42.09	42.06	42.13	0.25	ppb
Sulfur	34-1	2028.15	2003.08	2091.27	2040.83	2.23	ppb
Terbium	159-1				102		%
Terbium	159-2				98		%
Thallium	203-1	-0.01	-0.01	-0.02	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.15	0.16	0.16	0.16	3.07	ppb
Titanium	47-1	0.18	0.14	0.21	0.18	21.54	ppb
Uranium	238-1	0.09	0.08	0.08	0.08	7.17	ppb
Vanadium	51-2	0.10	0.11	0.11	0.11	7.57	ppb
Yttrium	89-2				96		%
Yttrium	89-1				100		%
Zinc	66-2	2.51	2.70	2.48	2.56	4.57	ppb
Zirconium	90-1	0.02	0.01	0.02	0.02	20.68	ppb

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	H6208-01DLX20	Instrumnet Name :	P7
Client Sample ID :	WP021MW463-161220D	Dilution Factor :	20
Date & Time Acquired ::	2017-01-04 14:11:53	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.02	0.02	0.02	55.93	ppb

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	H6208-01DUP	Instrumnet Name :	P7
Client Sample ID :	WP021MW463-161220D	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 14:15:24	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	92.85	99.13	93.44	95.14	3.65	ppb
Antimony	121-1	3.55	3.84	3.98	3.79	5.71	ppb
Arsenic	75-2	1.91	1.72	1.79	1.80	5.31	ppb
Barium	135-1	134.70	132.82	134.12	133.88	0.72	ppb
Barium	137-1	135.32	133.58	135.79	134.90	0.86	ppb
Beryllium	9-1	-0.03	-0.03	-0.05	-0.04		ppb
Bismuth	209-1				98		%
Bismuth	209-2				85		%
Boron	10-1	195.63	199.48	204.03	199.71	2.11	ppb
Boron	11-1	203.21	203.02	211.90	206.04	2.46	ppb
Cadmium	106-1	-0.97	-1.24	-1.30	-1.17		ppb
Cadmium	108-1	0.09	0.21	0.09	0.13	51.93	ppb
Cadmium	111-1	0.01	-0.01	-0.04	-0.01		ppb
Calcium	43-1	173955.97	172840.25	174913.58	173903.27	0.60	ppb
Calcium	44-1	172784.08	172562.01	173878.14	173074.74	0.41	ppb
Chromium	52-2	90.07	89.99	91.87	90.64	1.17	ppb
Cobalt	59-2	1.72	1.76	1.74	1.74	0.96	ppb
Copper	63-2	8.42	8.89	8.69	8.67	2.71	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				88		%
Holmium	165-1				95		%
Indium	115-1				95		%
Indium	115-2				85		%
Iron	56-2	220.64	219.63	221.30	220.52	0.38	ppb
Iron	57-2	236.65	235.77	222.84	231.75	3.34	ppb
Lead	206-1	0.47	0.45	0.42	0.45	5.38	ppb
Lead	207-1	0.46	0.43	0.37	0.42	10.30	ppb
Lead	208-1	0.44	0.44	0.39	0.42	5.95	ppb
Lithium	6-1				132		%
Magnesium	24-2	12843.03	12889.66	13030.13	12920.94	0.75	ppb
Manganese	55-2	321.97	320.03	322.49	321.50	0.40	ppb

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	H6208-01DUP	Instrumnet Name :	P7
Client Sample ID :	WP021MW463-161220D	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 14:15:24	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.90	0.97	0.94	0.94	4.17	ppb
Molybdenum	95-1	2.26	2.46	2.53	2.42	5.94	ppb
Molybdenum	96-1	2.02	2.08	2.12	2.07	2.50	ppb
Molybdenum	97-1	2.52	2.57	2.48	2.52	1.84	ppb
Molybdenum	98-1	2.57	2.63	2.76	2.66	3.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.54	2.60	2.63	2.59	1.90	ppb
Phosphorus	31-2	21.18	20.76	13.05	18.33	24.97	ppb
Potassium	39-2	9105.54	9070.30	9117.30	9097.72	0.27	ppb
Rhodium	103-2				84		%
Rhodium	103-1				87		%
Scandium	45-1				88		%
Scandium	45-2				84		%
Selenium	77-2	6.40	1.23	1.82	3.15	89.82	ppb
Selenium	78-2	4.10	2.99	4.57	3.89	20.81	ppb
Selenium	82-1	3.28	4.01	2.75	3.35	18.83	ppb
Silicon	28-1	8623.14	8508.07	8657.15	8596.12	0.91	ppb
Silver	109-1	0.26	0.22	0.22	0.23	9.83	ppb
Silver	107-1	0.25	0.23	0.22	0.23	5.14	ppb
Sodium	23-2	58492.49	57660.73	58457.72	58203.65	0.81	ppb
Strontium	86-1	854.59	858.97	863.19	858.92	0.50	ppb
Strontium	88-1	870.13	865.72	870.05	868.63	0.29	ppb
Sulfur	34-1	46044.62	45797.35	46301.54	46047.84	0.55	ppb
Terbium	159-1				94		%
Terbium	159-2				88		%
Thallium	203-1	0.01	0.00	0.00	0.00	73.09	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	76.00	ppb
Tin	118-1	3.40	3.29	3.42	3.37	2.14	ppb
Titanium	47-1	1.90	1.82	5.83	3.18	71.89	ppb
Uranium	238-1	1.72	1.79	1.75	1.76	1.90	ppb
Vanadium	51-2	2.00	2.10	2.15	2.08	3.54	ppb
Yttrium	89-2				83		%
Yttrium	89-1				89		%
Zinc	66-2	17.18	17.86	17.81	17.62	2.12	ppb
Zirconium	90-1	0.28	0.28	0.28	0.28	0.15	ppb

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	H6208-01DUP	Instrumnet Name :	P7
Client Sample ID :	WP021MW463-161220D	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 14:15:24	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.27	0.26	0.22	0.25	10.04	ppb

LB Number : LB85174 Operator : Jaswal
 Lab Sample ID : H6208-01DUPDLX20 Instrumnet Name : P7
 Client Sample ID : WP021MW463-161220D Dilution Factor : 20
 Date & Time Acquired :: 2017-01-04 14:18:53 DataFile Name : 024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.12	5.35	5.44	5.30	3.13	ppb
Antimony	121-1	0.26	0.20	0.25	0.24	12.77	ppb
Arsenic	75-2	0.18	0.13	0.17	0.16	17.23	ppb
Barium	135-1	6.69	6.67	6.62	6.66	0.50	ppb
Barium	137-1	6.48	6.64	6.78	6.63	2.29	ppb
Beryllium	9-1	0.02	-0.03	-0.05	-0.02		ppb
Bismuth	209-1				102		%
Bismuth	209-2				93		%
Boron	10-1	33.03	29.91	30.30	31.08	5.47	ppb
Boron	11-1	29.98	28.81	29.44	29.41	1.99	ppb
Cadmium	106-1	-1.10	-1.38	-0.64	-1.04		ppb
Cadmium	108-1	0.01	0.01	0.01	0.01	3.10	ppb
Cadmium	111-1	-0.08	-0.10	-0.04	-0.07		ppb
Calcium	43-1	8347.09	8344.42	8316.18	8335.90	0.21	ppb
Calcium	44-1	8500.94	8546.93	8442.91	8496.93	0.61	ppb
Chromium	52-2	4.43	4.43	4.49	4.45	0.78	ppb
Cobalt	59-2	0.07	0.08	0.07	0.07	7.11	ppb
Copper	63-2	0.45	0.41	0.35	0.40	13.04	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				96		%
Holmium	165-1				103		%
Indium	115-1				101		%
Indium	115-2				95		%
Iron	56-2	11.65	11.95	11.88	11.83	1.34	ppb
Iron	57-2	12.35	13.40	12.78	12.84	4.11	ppb
Lead	206-1	-0.06	-0.08	-0.05	-0.06		ppb
Lead	207-1	-0.08	-0.07	-0.05	-0.06		ppb
Lead	208-1	-0.07	-0.07	-0.07	-0.07		ppb
Lithium	6-1				102		%
Magnesium	24-2	625.27	622.11	623.40	623.59	0.25	ppb
Manganese	55-2	15.67	15.79	15.91	15.79	0.76	ppb

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	H6208-01DUPDLX20	Instrumnet Name :	P7
Client Sample ID :	WP021MW463-161220D	Dilution Factor :	20
Date & Time Acquired ::	2017-01-04 14:18:53	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.08	0.08	0.09	0.08	7.61	ppb
Molybdenum	95-1	0.20	0.23	0.25	0.23	11.28	ppb
Molybdenum	96-1	0.15	0.18	0.21	0.18	14.86	ppb
Molybdenum	97-1	0.19	0.27	0.28	0.25	20.68	ppb
Molybdenum	98-1	0.17	0.24	0.25	0.22	19.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.15	0.11	0.10	0.12	21.92	ppb
Phosphorus	31-2	-19.57	8.17	-24.87	-12.09		ppb
Potassium	39-2	450.00	447.03	442.93	446.65	0.80	ppb
Rhodium	103-2				97		%
Rhodium	103-1				100		%
Scandium	45-1				99		%
Scandium	45-2				95		%
Selenium	77-2	0.03	0.03	-0.47	-0.13		ppb
Selenium	78-2	-0.05	-0.13	0.32	0.05	528.60	ppb
Selenium	82-1	0.67	1.18	0.38	0.75	54.21	ppb
Silicon	28-1	529.64	533.59	534.74	532.66	0.50	ppb
Silver	109-1	0.05	0.06	0.05	0.05	5.00	ppb
Silver	107-1	0.05	0.06	0.05	0.05	2.95	ppb
Sodium	23-2	2829.68	2825.76	2816.70	2824.04	0.24	ppb
Strontium	86-1	41.49	42.01	42.23	41.91	0.90	ppb
Strontium	88-1	41.62	42.23	42.38	42.07	0.96	ppb
Sulfur	34-1	1818.90	1953.75	1919.70	1897.45	3.70	ppb
Terbium	159-1				102		%
Terbium	159-2				96		%
Thallium	203-1	-0.02	-0.02	-0.02	-0.02		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	0.10	0.10	0.13	0.11	15.45	ppb
Titanium	47-1	0.21	0.19	0.13	0.17	22.97	ppb
Uranium	238-1	0.07	0.08	0.08	0.07	6.14	ppb
Vanadium	51-2	0.12	0.10	0.10	0.11	10.71	ppb
Yttrium	89-2				94		%
Yttrium	89-1				99		%
Zinc	66-2	2.04	2.25	1.92	2.07	8.05	ppb
Zirconium	90-1	0.02	0.01	0.01	0.01	54.15	ppb

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	H6208-01DUPDLX20	Instrumnet Name :	P7
Client Sample ID :	WP021MW463-161220D	Dilution Factor :	20
Date & Time Acquired ::	2017-01-04 14:18:53	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.02	0.01	0.01	121.07	ppb

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	H6208-01LX5	Instrumnet Name :	P7
Client Sample ID :	WP021MW463-161220L	Dilution Factor :	5
Date & Time Acquired ::	2017-01-04 14:22:24	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.29	17.22	20.21	18.57	8.17	ppb
Antimony	121-1	0.57	0.52	0.54	0.54	4.25	ppb
Arsenic	75-2	0.44	0.38	0.38	0.40	9.20	ppb
Barium	135-1	26.12	26.30	26.28	26.23	0.37	ppb
Barium	137-1	26.65	26.42	26.61	26.56	0.45	ppb
Beryllium	9-1	-0.06	0.01	-0.07	-0.04		ppb
Bismuth	209-1				101		%
Bismuth	209-2				91		%
Boron	10-1	58.13	55.71	55.73	56.53	2.46	ppb
Boron	11-1	57.59	58.88	60.65	59.04	2.60	ppb
Cadmium	106-1	-1.03	-1.12	-1.44	-1.20		ppb
Cadmium	108-1	-0.01	-0.03	0.06	0.01	590.45	ppb
Cadmium	111-1	-0.05	-0.05	-0.09	-0.06		ppb
Calcium	43-1	33707.02	33175.33	33470.69	33451.01	0.80	ppb
Calcium	44-1	33688.36	33464.33	33384.13	33512.27	0.47	ppb
Chromium	52-2	17.65	17.71	17.81	17.72	0.46	ppb
Cobalt	59-2	0.31	0.33	0.33	0.32	3.36	ppb
Copper	63-2	1.55	1.48	1.46	1.50	3.12	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				94		%
Holmium	165-1				100		%
Indium	115-1				100		%
Indium	115-2				92		%
Iron	56-2	44.18	42.81	43.44	43.48	1.57	ppb
Iron	57-2	50.48	40.95	44.65	45.36	10.59	ppb
Lead	206-1	-0.01	-0.01	-0.02	-0.01		ppb
Lead	207-1	0.01	-0.02	0.00	0.00		ppb
Lead	208-1	-0.01	-0.02	-0.01	-0.02		ppb
Lithium	6-1				102		%
Magnesium	24-2	2532.32	2471.26	2521.77	2508.45	1.30	ppb
Manganese	55-2	62.08	62.80	62.66	62.51	0.61	ppb

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	H6208-01LX5	Instrumnet Name :	P7
Client Sample ID :	WP021MW463-161220L	Dilution Factor :	5
Date & Time Acquired ::	2017-01-04 14:22:24	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.17	0.19	0.21	0.19	11.22	ppb
Molybdenum	95-1	0.47	0.52	0.58	0.53	10.38	ppb
Molybdenum	96-1	0.40	0.43	0.49	0.44	9.36	ppb
Molybdenum	97-1	0.46	0.51	0.54	0.50	7.99	ppb
Molybdenum	98-1	0.52	0.56	0.59	0.56	6.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.45	0.47	0.45	0.46	2.34	ppb
Phosphorus	31-2	-11.52	4.44	-22.55	-9.88		ppb
Potassium	39-2	1783.50	1769.16	1777.39	1776.68	0.41	ppb
Rhodium	103-2				94		%
Rhodium	103-1				96		%
Scandium	45-1				96		%
Scandium	45-2				92		%
Selenium	77-2	2.11	2.12	-0.47	1.25	118.87	ppb
Selenium	78-2	-0.47	0.65	0.39	0.19	303.44	ppb
Selenium	82-1	1.06	1.08	2.31	1.48	48.41	ppb
Silicon	28-1	1672.26	1647.80	1638.30	1652.79	1.06	ppb
Silver	109-1	0.07	0.07	0.09	0.08	11.61	ppb
Silver	107-1	0.07	0.07	0.07	0.07	3.94	ppb
Sodium	23-2	11408.29	11225.38	11141.64	11258.44	1.21	ppb
Strontium	86-1	167.94	165.09	167.37	166.80	0.91	ppb
Strontium	88-1	169.98	167.53	170.42	169.31	0.92	ppb
Sulfur	34-1	8904.29	8778.27	8873.52	8852.03	0.74	ppb
Terbium	159-1				99		%
Terbium	159-2				94		%
Thallium	203-1	-0.02	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	0.35	0.41	0.38	0.38	8.18	ppb
Titanium	47-1	0.45	0.42	0.39	0.42	7.70	ppb
Uranium	238-1	0.34	0.34	0.34	0.34	0.93	ppb
Vanadium	51-2	0.41	0.45	0.38	0.42	8.54	ppb
Yttrium	89-2				91		%
Yttrium	89-1				96		%
Zinc	66-2	3.81	3.77	3.57	3.72	3.47	ppb
Zirconium	90-1	0.04	0.05	0.05	0.05	10.23	ppb

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	H6208-01LX5	Instrumnet Name :	P7
Client Sample ID :	WP021MW463-161220L	Dilution Factor :	5
Date & Time Acquired ::	2017-01-04 14:22:24	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.03	0.04	0.03	27.47	ppb

LB Number : LB85174 Operator : Jaswal
 Lab Sample ID : H6208-01LDLX100 Instrumnet Name : P7
 Client Sample ID : WP021MW463-161220LI Dilution Factor : 100
 Date & Time Acquired :: 2017-01-04 14:25:52 DataFile Name : 026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.12	1.19	1.86	1.39	29.64	ppb
Antimony	121-1	0.06	0.08	0.09	0.08	18.79	ppb
Arsenic	75-2	0.07	0.07	0.03	0.05	45.57	ppb
Barium	135-1	1.28	1.28	1.26	1.27	1.00	ppb
Barium	137-1	1.23	1.22	1.29	1.25	2.88	ppb
Beryllium	9-1	-0.03	-0.02	-0.03	-0.03		ppb
Bismuth	209-1				101		%
Bismuth	209-2				92		%
Boron	10-1	10.72	11.28	10.50	10.84	3.71	ppb
Boron	11-1	11.49	11.51	10.98	11.33	2.68	ppb
Cadmium	106-1	-0.99	-1.63	-1.20	-1.27		ppb
Cadmium	108-1	0.04	-0.03	-0.01	0.00		ppb
Cadmium	111-1	-0.08	-0.13	-0.09	-0.10		ppb
Calcium	43-1	1643.18	1610.90	1652.25	1635.45	1.33	ppb
Calcium	44-1	1638.15	1625.29	1650.46	1637.97	0.77	ppb
Chromium	52-2	0.95	0.89	0.95	0.93	3.61	ppb
Cobalt	59-2	-0.01	-0.01	0.00	0.00		ppb
Copper	63-2	-0.06	-0.16	-0.06	-0.09		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				97		%
Holmium	165-1				101		%
Indium	115-1				101		%
Indium	115-2				95		%
Iron	56-2	2.36	2.58	2.54	2.50	4.78	ppb
Iron	57-2	2.65	2.29	2.70	2.54	8.77	ppb
Lead	206-1	-0.08	-0.08	-0.07	-0.08		ppb
Lead	207-1	-0.07	-0.07	-0.08	-0.07		ppb
Lead	208-1	-0.08	-0.09	-0.08	-0.08		ppb
Lithium	6-1				97		%
Magnesium	24-2	121.25	117.77	121.10	120.04	1.64	ppb
Manganese	55-2	3.07	3.05	3.00	3.04	1.17	ppb

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	H6208-01LDLX100	Instrumnet Name :	P7
Client Sample ID :	WP021MW463-161220LI	Dilution Factor :	100
Date & Time Acquired ::	2017-01-04 14:25:52	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.02	0.03	0.03	12.49	ppb
Molybdenum	95-1	0.09	0.05	0.13	0.09	46.40	ppb
Molybdenum	96-1	0.07	0.08	0.06	0.07	13.62	ppb
Molybdenum	97-1	0.08	0.08	0.13	0.10	28.77	ppb
Molybdenum	98-1	0.08	0.08	0.13	0.10	27.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.03	0.02	0.03	29.38	ppb
Phosphorus	31-2	-23.15	-11.37	-12.94	-15.82		ppb
Potassium	39-2	89.59	85.33	90.69	88.54	3.20	ppb
Rhodium	103-2				98		%
Rhodium	103-1				101		%
Scandium	45-1				99		%
Scandium	45-2				96		%
Selenium	77-2	0.03	0.03	-0.47	-0.14		ppb
Selenium	78-2	0.65	0.30	-0.03	0.31	112.08	ppb
Selenium	82-1	1.58	1.56	0.61	1.25	44.45	ppb
Silicon	28-1	86.92	81.57	87.00	85.16	3.66	ppb
Silver	109-1	0.02	0.02	0.03	0.03	17.60	ppb
Silver	107-1	0.02	0.03	0.02	0.02	26.29	ppb
Sodium	23-2	550.53	552.17	550.59	551.10	0.17	ppb
Strontium	86-1	7.83	8.18	8.06	8.02	2.20	ppb
Strontium	88-1	8.12	8.16	8.05	8.11	0.67	ppb
Sulfur	34-1	330.50	245.23	402.64	326.12	24.16	ppb
Terbium	159-1				101		%
Terbium	159-2				97		%
Thallium	203-1	-0.02	-0.03	-0.02	-0.02		ppb
Thallium	205-1	-0.02	-0.02	-0.03	-0.02		ppb
Tin	118-1	0.02	0.03	0.04	0.03	23.85	ppb
Titanium	47-1	0.09	0.05	0.05	0.06	31.16	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	53.07	ppb
Vanadium	51-2	0.02	0.02	0.03	0.02	29.22	ppb
Yttrium	89-2				95		%
Yttrium	89-1				99		%
Zinc	66-2	0.83	0.93	0.88	0.88	5.65	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	H6208-01LDLX100	Instrumnet Name :	P7
Client Sample ID :	WP021MW463-161220LI	Dilution Factor :	100
Date & Time Acquired ::	2017-01-04 14:25:52	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	-0.01	0.01	0.00	911.77	ppb

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	CCV044	Instrumnet Name :	P7
Client Sample ID :	CCV044	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 14:29:21	DataFile Name :	027CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9553.68	9490.05	9680.79	9574.84	1.01	ppb
Antimony	121-1	513.55	516.77	511.45	513.92	0.52	ppb
Arsenic	75-2	513.58	507.55	508.71	509.95	0.63	ppb
Barium	135-1	2610.55	2643.32	2604.93	2619.60	0.79	ppb
Barium	137-1	2599.69	2641.39	2620.52	2620.54	0.80	ppb
Beryllium	9-1	539.64	537.24	537.74	538.21	0.24	ppb
Bismuth	209-1				97		%
Bismuth	209-2				91		%
Boron	10-1	511.61	520.44	534.62	522.22	2.22	ppb
Boron	11-1	507.97	525.58	539.86	524.47	3.05	ppb
Cadmium	106-1	534.27	536.02	533.84	534.71	0.22	ppb
Cadmium	108-1	526.11	536.27	534.57	532.31	1.02	ppb
Cadmium	111-1	528.82	533.47	527.79	530.03	0.57	ppb
Calcium	43-1	50802.54	51566.48	52329.72	51566.25	1.48	ppb
Calcium	44-1	51334.85	51941.25	52552.32	51942.81	1.17	ppb
Chromium	52-2	520.28	511.70	524.70	518.89	1.27	ppb
Cobalt	59-2	527.63	521.71	531.84	527.06	0.97	ppb
Copper	63-2	1035.01	1037.94	1061.10	1044.68	1.37	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2				97		%
Holmium	165-1				100		%
Indium	115-1				96		%
Indium	115-2				93		%
Iron	56-2	28342.37	28128.20	28314.98	28261.85	0.41	ppb
Iron	57-2	28246.71	28041.51	28642.62	28310.28	1.08	ppb
Lead	206-1	513.63	506.67	519.27	513.19	1.23	ppb
Lead	207-1	505.89	502.82	513.55	507.42	1.09	ppb
Lead	208-1	519.15	513.44	522.88	518.49	0.92	ppb
Lithium	6-1				95		%
Magnesium	24-2	50730.00	50454.50	51195.30	50793.27	0.74	ppb
Manganese	55-2	1029.28	1018.07	1038.26	1028.54	0.98	ppb

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	CCV044	Instrumnet Name :	P7
Client Sample ID :	CCV044	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 14:29:21	DataFile Name :	027CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	524.42	526.75	521.11	524.09	0.54	ppb
Molybdenum	95-1	523.94	525.17	526.00	525.04	0.20	ppb
Molybdenum	96-1	524.88	520.66	527.61	524.38	0.67	ppb
Molybdenum	97-1	528.17	524.34	531.06	527.86	0.64	ppb
Molybdenum	98-1	522.48	514.35	520.30	519.05	0.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	524.78	523.49	533.83	527.36	1.07	ppb
Phosphorus	31-2	10163.07	10290.90	10669.32	10374.43	2.54	ppb
Potassium	39-2	26250.40	26309.58	26394.65	26318.21	0.28	ppb
Rhodium	103-2				94		%
Rhodium	103-1				96		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	77-2	509.94	530.33	483.62	507.96	4.61	ppb
Selenium	78-2	511.20	514.70	509.36	511.75	0.53	ppb
Selenium	82-1	535.26	524.93	535.25	531.81	1.12	ppb
Silicon	28-1	688.79	725.04	741.77	718.53	3.77	ppb
Silver	109-1	529.95	532.26	530.16	530.79	0.24	ppb
Silver	107-1	533.56	535.66	532.36	533.86	0.31	ppb
Sodium	23-2	49028.25	48478.47	49377.91	48961.54	0.93	ppb
Strontium	86-1	521.67	522.21	525.51	523.13	0.40	ppb
Strontium	88-1	527.13	523.79	525.61	525.51	0.32	ppb
Sulfur	34-1	10470.06	10588.86	10870.13	10643.02	1.93	ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1	514.72	515.73	518.09	516.18	0.33	ppb
Thallium	205-1	529.37	523.78	527.67	526.94	0.54	ppb
Tin	118-1	514.38	514.84	512.70	513.97	0.22	ppb
Titanium	47-1	518.69	527.84	534.53	527.02	1.51	ppb
Uranium	238-1	523.23	519.43	525.73	522.80	0.61	ppb
Vanadium	51-2	514.28	510.39	519.16	514.61	0.85	ppb
Yttrium	89-2				96		%
Yttrium	89-1				98		%
Zinc	66-2	1047.85	1040.45	1058.33	1048.88	0.86	ppb
Zirconium	90-1	530.18	522.26	521.55	524.67	0.91	ppb

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	CCV044	Instrumnet Name :	P7
Client Sample ID :	CCV044	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 14:29:21	DataFile Name :	027CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	525.44	523.88	525.14	524.82	0.16	ppb

LB Number : LB85174 Operator : Jaswal
 Lab Sample ID : CCB044 Instrumnet Name : P7
 Client Sample ID : CCB044 Dilution Factor : 1
 Date & Time Acquired :: 2017-01-04 14:32:46 DataFile Name : 028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.51	0.43	-0.07	0.29	109.06	ppb
Antimony	121-1	2.43	2.51	2.78	2.57	7.24	ppb
Arsenic	75-2	0.62	0.72	0.69	0.68	7.88	ppb
Barium	135-1	0.13	0.07	0.06	0.09	42.32	ppb
Barium	137-1	0.10	0.08	0.07	0.08	20.04	ppb
Beryllium	9-1	0.06	0.05	0.07	0.06	13.94	ppb
Bismuth	209-1				100		%
Bismuth	209-2				93		%
Boron	10-1	29.90	26.06	26.36	27.44	7.79	ppb
Boron	11-1	30.50	27.52	26.04	28.02	8.10	ppb
Cadmium	106-1	-1.53	-1.09	-1.14	-1.25		ppb
Cadmium	108-1	0.06	0.01	0.06	0.04	58.14	ppb
Cadmium	111-1	-0.06	-0.04	-0.06	-0.06		ppb
Calcium	43-1	2.92	2.42	2.86	2.74	9.92	ppb
Calcium	44-1	4.12	2.86	1.60	2.86	44.20	ppb
Chromium	52-2	-0.02	0.03	0.02	0.01	231.86	ppb
Cobalt	59-2	-0.01	0.00	-0.01	-0.01		ppb
Copper	63-2	-0.31	-0.29	-0.31	-0.31		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				97		%
Holmium	165-1				101		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	56-2	1.57	1.68	1.31	1.52	12.45	ppb
Iron	57-2	1.55	1.72	1.55	1.60	6.04	ppb
Lead	206-1	0.04	0.03	0.03	0.03	28.97	ppb
Lead	207-1	0.04	0.04	0.03	0.04	15.65	ppb
Lead	208-1	0.03	0.02	0.03	0.03	15.64	ppb
Lithium	6-1				96		%
Magnesium	24-2	0.89	1.07	1.03	1.00	9.32	ppb
Manganese	55-2	0.03	0.01	0.03	0.02	43.02	ppb

LB Number : LB85174 Operator : Jaswal
 Lab Sample ID : CCB044 Instrumnet Name : P7
 Client Sample ID : CCB044 Dilution Factor : 1
 Date & Time Acquired :: 2017-01-04 14:32:46 DataFile Name : 028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.32	0.40	0.41	0.38	13.28	ppb
Molybdenum	95-1	0.96	1.20	1.37	1.18	17.36	ppb
Molybdenum	96-1	0.80	0.98	1.12	0.97	16.24	ppb
Molybdenum	97-1	0.97	1.12	1.32	1.14	15.37	ppb
Molybdenum	98-1	0.93	1.12	1.30	1.12	16.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.02	-0.03	-0.01		ppb
Phosphorus	31-2	-1.56	-8.23	-15.21	-8.33		ppb
Potassium	39-2	3.43	5.05	2.30	3.59	38.52	ppb
Rhodium	103-2				99		%
Rhodium	103-1				100		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	77-2	0.02	-0.47	1.46	0.34	295.84	ppb
Selenium	78-2	0.98	1.34	1.57	1.30	22.93	ppb
Selenium	82-1	2.11	1.64	2.28	2.01	16.37	ppb
Silicon	28-1	-19.34	-18.00	-20.98	-19.44		ppb
Silver	109-1	0.05	0.04	0.04	0.04	19.19	ppb
Silver	107-1	0.06	0.03	0.05	0.05	27.20	ppb
Sodium	23-2	17.65	16.78	15.71	16.72	5.81	ppb
Strontium	86-1	-0.04	0.01	0.00	-0.01		ppb
Strontium	88-1	0.02	0.02	0.02	0.02	10.67	ppb
Sulfur	34-1	-181.78	-144.05	-148.70	-158.18		ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	0.08	0.06	0.06	0.07	16.01	ppb
Thallium	205-1	0.08	0.08	0.06	0.07	14.78	ppb
Tin	118-1	0.40	0.43	0.49	0.44	10.53	ppb
Titanium	47-1	0.08	0.07	0.03	0.06	39.85	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	23.42	ppb
Vanadium	51-2	0.03	0.02	0.03	0.02	26.88	ppb
Yttrium	89-2				97		%
Yttrium	89-1				99		%
Zinc	66-2	0.15	0.26	0.28	0.23	31.37	ppb
Zirconium	90-1	0.06	0.06	0.09	0.07	20.02	ppb

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	CCB044	Instrumnet Name :	P7
Client Sample ID :	CCB044	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 14:32:46	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	0.05	0.09	0.07	27.72	ppb

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 12:54:30	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	67	17	42	60.00	cps
Antimony	121-1	492	683	417	531	25.92	cps
Arsenic	75-2	31	19	24	25	26.34	cps
Barium	135-1	125	75	50	83	45.83	cps
Barium	137-1	142	100	108	117	18.89	cps
Beryllium	9-1	144	100	139	128	18.95	cps
Bismuth	209-2	6905932	6827050	6587630	6773537	2.45	cps
Bismuth	209-1	10376158	9940216	9326403	9880926	5.34	cps
Boron	10-1	192	100	117	136	35.88	cps
Boron	11-1	892	750	850	831	8.77	cps
Cadmium	106-1	2859	3109	2600	2856	8.90	cps
Cadmium	108-1	13	4	13	10	49.46	cps
Cadmium	111-1	2042	2211	1866	2040	8.46	cps
Calcium	43-1	225	225	192	214	9.00	cps
Calcium	44-1	13073	12815	13148	13012	1.35	cps
Chromium	52-2	1690	1770	1657	1706	3.42	cps
Cobalt	59-2	230	253	223	236	6.69	cps
Copper	63-2	3864	3567	3754	3728	4.02	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Dysprosium	156-1	17	25	8	17	50.01	cps
Erbium	164-1	42	42	75	53	36.46	cps
Erbium	164-2	33	23	23	27	21.65	cps
Gadolinium	160-2	23	37	33	31	22.31	cps
Gadolinium	160-1	58	58	58	58	0.00	cps
Holmium	165-1	16889390	15899660	15119130	15969393	5.56	cps
Holmium	165-2	9289912	9249914	8951657	9163828	2.02	cps
Indium	115-2	2552606	2530724	2524041	2535790	0.59	cps
Indium	115-1	12910477	12402273	11777551	12363433	4.59	cps
Iron	56-2	3423	3634	3639	3565	3.47	cps
Iron	57-2	83	89	100	91	9.35	cps
Lead	206-1	2045	2034	2150	2076	3.10	cps
Lead	207-1	1717	1767	1689	1724	2.29	cps
Lead	208-1	8118	8496	8279	8298	2.29	cps
Lithium	6-1	861417	826719	769128	819088	5.69	cps
Magnesium	24-2	200	217	150	189	18.37	cps
Manganese	55-2	97	90	93	93	3.57	cps

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 12:54:30	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	317	442	392	383	16.41	cps
Molybdenum	95-1	292	300	167	253	29.55	cps
Molybdenum	96-1	292	442	275	336	27.31	cps
Molybdenum	97-1	183	175	200	186	6.84	cps
Molybdenum	98-1	433	425	450	436	2.92	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	97	110	100	102	6.79	cps
Phosphorus	31-2	167	192	225	194	15.05	cps
Potassium	39-2	21967	21883	22284	22045	0.96	cps
Rhodium	103-1	11994612	11477925	10869061	11447199	4.92	cps
Rhodium	103-2	6045347	6044111	5992734	6027397	0.50	cps
Scandium	45-2	334458	333050	329965	332491	0.69	cps
Scandium	45-1	7434979	7115783	6633178	7061313	5.72	cps
Selenium	82-1	802	732	730	755	5.38	cps
Selenium	77-2	0	10	0	3	173.21	cps
Selenium	78-2	76	100	70	82	19.18	cps
Silicon	28-1	778406	791861	763161	777809	1.85	cps
Silver	107-1	83	92	83	86	5.58	cps
Silver	109-1	17	83	67	56	62.45	cps
Sodium	23-2	6410	6627	5951	6329	5.45	cps
Strontium	86-1	858	842	817	839	2.50	cps
Strontium	88-1	158	225	150	178	23.12	cps
Sulfur	34-1	262311	267314	263116	264247	1.02	cps
Terbium	159-2	9126678	9012676	8887507	9008954	1.33	cps
Terbium	159-1	17399916	16504987	15659627	16521510	5.27	cps
Thallium	203-1	392	308	392	364	13.22	cps
Thallium	205-1	875	942	850	889	5.33	cps
Tin	118-1	733	775	758	756	2.78	cps
Titanium	47-1	100	183	117	133	33.07	cps
Uranium	238-1	767	725	600	697	12.44	cps
Vanadium	51-2	33	20	20	24	31.49	cps
Yttrium	89-2	1961877	1980118	1946162	1962719	0.87	cps
Yttrium	89-1	13805722	13160030	12377399	13114384	5.45	cps
Zinc	66-2	200	233	203	212	8.65	cps
Zirconium	90-1	950	883	692	842	15.93	cps

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 12:54:30	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	192	183	192	189	2.55	cps

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 13:02:39	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1659	1825	2092	1859	11.76	cps
Antimony	121-1	21709	21142	21676	21509	1.48	cps
Arsenic	75-2	339	391	330	353	9.33	cps
Barium	135-1	29390	29474	29324	29396	0.26	cps
Barium	137-1	51463	50769	50853	51028	0.74	cps
Beryllium	9-1	1222	1295	1139	1219	6.39	cps
Bismuth	209-2	6016346	6272720	6466611	6251893	3.61	cps
Bismuth	209-1	10591697	10265435	9979185	10278772	2.98	cps
Boron	10-1	717	683	742	714	4.10	cps
Boron	11-1	4251	4217	4476	4315	3.26	cps
Cadmium	106-1	3467	3309	3234	3337	3.57	cps
Cadmium	108-1	246	204	250	233	10.86	cps
Cadmium	111-1	4909	4907	4697	4838	2.52	cps
Calcium	44-1	269026	272644	270391	270687	0.68	cps
Calcium	43-1	16335	15809	15642	15929	2.27	cps
Chromium	52-2	8676	8773	8799	8749	0.74	cps
Cobalt	59-2	5658	5811	5958	5809	2.58	cps
Copper	63-2	11805	12385	12108	12100	2.40	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Dysprosium	156-1	33	17	17	22	43.28	cps
Erbium	164-1	58	67	83	69	18.33	cps
Erbium	164-2	27	43	37	36	23.58	cps
Gadolinium	160-1	100	42	75	72	40.52	cps
Gadolinium	160-2	17	17	43	26	60.23	cps
Holmium	165-2	8354221	8697908	8843973	8632034	2.91	cps
Holmium	165-1	17016122	16410714	16094449	16507095	2.84	cps
Indium	115-2	2332286	2400900	2496077	2409754	3.41	cps
Indium	115-1	13216201	12924273	12514447	12884974	2.74	cps
Iron	56-2	137055	141682	143560	140765	2.38	cps
Iron	57-2	3306	3612	3584	3501	4.83	cps
Lead	206-1	11060	11138	11439	11212	1.78	cps
Lead	207-1	9370	9493	9543	9468	0.94	cps
Lead	208-1	44175	44425	43556	44052	1.02	cps
Lithium	6-1	866655	837033	816062	839917	3.03	cps
Magnesium	24-2	110094	112320	113319	111911	1.48	cps
Manganese	55-2	1920	1970	2000	1963	2.06	cps

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 13:02:39	DataFile Name :	004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	22844	21792	22444	22360	2.37	cps
Molybdenum	95-1	27795	27970	27770	27845	0.39	cps
Molybdenum	96-1	31286	32179	30224	31230	3.13	cps
Molybdenum	97-1	17762	17128	17353	17414	1.85	cps
Molybdenum	98-1	44688	45640	44938	45089	1.10	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Neodymium	150-1	0	20	13	11	91.66	cps
Nickel	60-2	1613	1700	1907	1740	8.66	cps
Phosphorus	31-2	250	275	183	236	20.07	cps
Potassium	39-2	126420	127520	129317	127752	1.14	cps
Rhodium	103-2	5574452	5744318	5974578	5764450	3.48	cps
Rhodium	103-1	12368621	11927835	11544322	11946926	3.45	cps
Scandium	45-1	7598671	7332245	7079817	7336911	3.54	cps
Scandium	45-2	303939	317175	328512	316542	3.89	cps
Selenium	77-2	17	20	37	24	43.83	cps
Selenium	78-2	196	191	198	195	1.98	cps
Selenium	82-1	1703	1629	1622	1651	2.73	cps
Silicon	28-1	808135	807638	798143	804639	0.70	cps
Silver	109-1	13265	14191	13440	13632	3.61	cps
Silver	107-1	13882	13732	14558	14057	3.13	cps
Sodium	23-2	215474	217634	221869	218326	1.49	cps
Strontium	86-1	4801	4534	4493	4609	3.63	cps
Strontium	88-1	34785	34401	33983	34389	1.17	cps
Sulfur	34-1	263047	264932	268961	265647	1.14	cps
Terbium	159-2	8289069	8615859	8861593	8588840	3.34	cps
Terbium	159-1	17732295	17228406	16698554	17219752	3.00	cps
Thallium	203-1	11973	11380	11847	11734	2.66	cps
Thallium	205-1	29133	29283	28139	28852	2.16	cps
Tin	118-1	49045	50283	49422	49583	1.28	cps
Titanium	47-1	7677	7177	7711	7522	3.97	cps
Uranium	238-1	39085	38216	39052	38784	1.27	cps
Vanadium	51-2	13416	13713	14034	13721	2.25	cps
Yttrium	89-2	1787495	1857283	1921750	1855509	3.62	cps
Yttrium	89-1	14062964	13614250	13094039	13590417	3.57	cps
Zinc	66-2	1153	1100	1260	1171	6.96	cps
Zirconium	90-1	18971	18663	18346	18660	1.68	cps

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 13:02:39	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4292	4084	4301	4226	2.91	cps

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 13:06:28	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	99110	99983	99145	99413	0.50	cps
Antimony	121-1	443762	442139	441544	442482	0.26	cps
Arsenic	75-2	19615	20110	20338	20021	1.85	cps
Barium	135-1	786081	792849	789348	789426	0.43	cps
Barium	137-1	1376074	1387910	1373734	1379239	0.55	cps
Beryllium	9-1	59824	59762	59405	59664	0.38	cps
Bismuth	209-2	6342658	6551282	6544584	6479508	1.83	cps
Bismuth	209-1	10562101	10237163	10114466	10304577	2.24	cps
Boron	10-1	6860	7002	7577	7146	5.31	cps
Boron	11-1	36929	37857	40263	38350	4.49	cps
Cadmium	106-1	17528	17795	18212	17845	1.93	cps
Cadmium	108-1	10433	10575	10241	10417	1.61	cps
Cadmium	111-1	146087	149680	148350	148039	1.23	cps
Calcium	43-1	174139	174989	174005	174378	0.31	cps
Calcium	44-1	2837937	2835683	2832141	2835254	0.10	cps
Chromium	52-2	187928	188086	191892	189302	1.19	cps
Cobalt	59-2	313167	314538	321046	316250	1.33	cps
Copper	63-2	457261	467570	473844	466225	1.80	cps
Dysprosium	156-1	33	67	75	58	37.79	cps
Dysprosium	156-2	10	17	3	10	66.70	cps
Erbium	164-2	30	33	20	28	24.98	cps
Erbium	164-1	67	92	108	89	23.59	cps
Gadolinium	160-2	27	30	20	26	19.92	cps
Gadolinium	160-1	92	50	50	64	37.66	cps
Holmium	165-1	17318436	16544953	16219031	16694140	3.38	cps
Holmium	165-2	8812387	9140800	8869323	8940837	1.96	cps
Indium	115-1	13314375	12842722	12588635	12915244	2.85	cps
Indium	115-2	2426436	2509922	2469496	2468618	1.69	cps
Iron	56-2	8381024	8377522	8502662	8420403	0.85	cps
Iron	57-2	206664	206194	212954	208604	1.81	cps
Lead	206-1	490757	499953	496191	495634	0.93	cps
Lead	207-1	435419	430742	432402	432854	0.55	cps
Lead	208-1	1963488	1969646	1973322	1968819	0.25	cps
Lithium	6-1	877042	841196	821662	846633	3.32	cps
Magnesium	24-2	1242499	1254591	1280062	1259051	1.52	cps
Manganese	55-2	196647	197014	200547	198069	1.09	cps

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 13:06:28	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	565140	568869	557864	563958	0.99	cps
Molybdenum	95-1	300452	299867	295211	298510	0.96	cps
Molybdenum	96-1	379306	378311	373453	377023	0.83	cps
Molybdenum	97-1	185685	185508	183010	184734	0.81	cps
Molybdenum	98-1	479490	476011	472529	476010	0.73	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Neodymium	150-1	47	33	40	40	16.68	cps
Nickel	60-2	83966	84773	86678	85139	1.64	cps
Phosphorus	31-2	5443	5118	5826	5462	6.49	cps
Potassium	39-2	655544	667683	680257	667828	1.85	cps
Rhodium	103-2	5823717	5955508	5910257	5896494	1.14	cps
Rhodium	103-1	12339345	11879715	11584122	11934394	3.19	cps
Scandium	45-1	7728453	7374203	7194824	7432494	3.65	cps
Scandium	45-2	318799	332391	330228	327140	2.23	cps
Selenium	77-2	390	337	340	356	8.40	cps
Selenium	78-2	1182	1257	1174	1204	3.83	cps
Selenium	82-1	9338	9172	9191	9234	0.99	cps
Silicon	28-1	1136254	1138837	1138730	1137940	0.13	cps
Silver	109-1	717404	724066	723425	721632	0.51	cps
Silver	107-1	748765	752134	750242	750381	0.23	cps
Sodium	23-2	2338272	2341441	2389941	2356552	1.23	cps
Strontium	86-1	201242	202171	204739	202717	0.89	cps
Strontium	88-1	1766418	1783710	1775793	1775307	0.49	cps
Sulfur	34-1	306645	312090	318386	312373	1.88	cps
Terbium	159-2	8726491	8915407	8810846	8817581	1.07	cps
Terbium	159-1	17872018	17229543	16882617	17328059	2.90	cps
Thallium	203-1	606144	608362	609366	607957	0.27	cps
Thallium	205-1	1450092	1466289	1459095	1458492	0.56	cps
Tin	118-1	509151	515213	513230	512532	0.60	cps
Titanium	47-1	83159	82087	79984	81743	1.98	cps
Uranium	238-1	1994497	2018496	2014915	2009303	0.64	cps
Vanadium	51-2	150338	150678	155620	152212	1.94	cps
Yttrium	89-2	1881526	1952593	1928409	1920843	1.88	cps
Yttrium	89-1	14039520	13637278	13466221	13714340	2.15	cps
Zinc	66-2	55057	54742	55796	55198	0.98	cps
Zirconium	90-1	1081349	1080895	1078290	1080178	0.15	cps

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 13:06:28	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	243352	240370	239743	241155	0.80	cps

LB Number : LB85174 Operator : Jaswal
 Lab Sample ID : S04 Instrumnet Name : P7
 Client Sample ID : S04 Dilution Factor : 1
 Date & Time Acquired :: 2017-01-04 13:10:29 DataFile Name : 006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	245461	241834	246476	244590	1.00	cps
Antimony	121-1	1313296	1307747	1289558	1303534	0.95	cps
Arsenic	75-2	49030	48397	49461	48963	1.09	cps
Barium	135-1	1987821	1990351	1992341	1990171	0.11	cps
Barium	137-1	3473144	3489465	3495304	3485971	0.33	cps
Beryllium	9-1	151695	153296	152197	152396	0.54	cps
Bismuth	209-1	10754605	9565564	10221450	10180540	5.85	cps
Bismuth	209-2	6300927	6062632	6554642	6306067	3.90	cps
Boron	10-1	17911	18387	19763	18687	5.15	cps
Boron	11-1	97262	99795	103328	100129	3.04	cps
Cadmium	106-1	41220	41704	42214	41713	1.19	cps
Cadmium	108-1	25085	26609	25961	25885	2.95	cps
Cadmium	111-1	368718	373253	371491	371154	0.62	cps
Calcium	43-1	441578	444997	440414	442330	0.54	cps
Calcium	44-1	7109934	7223455	7155687	7163025	0.80	cps
Chromium	52-2	460290	460168	469321	463260	1.13	cps
Cobalt	59-2	777083	776361	797203	783549	1.51	cps
Copper	63-2	1132622	1127585	1167299	1142502	1.89	cps
Dysprosium	156-1	83	25	42	50	60.09	cps
Dysprosium	156-2	20	10	17	16	32.73	cps
Erbium	164-2	33	33	43	37	15.75	cps
Erbium	164-1	92	42	42	58	49.48	cps
Gadolinium	160-1	92	117	75	94	22.21	cps
Gadolinium	160-2	30	33	57	40	36.33	cps
Holmium	165-2	8793681	8445250	9141737	8793556	3.96	cps
Holmium	165-1	17495062	15745655	16562041	16600919	5.27	cps
Indium	115-1	13603908	12179376	12736677	12839987	5.59	cps
Indium	115-2	2416431	2322725	2493149	2410768	3.54	cps
Iron	56-2	20713155	20689399	21312058	20904871	1.69	cps
Iron	57-2	512246	514048	525620	517305	1.40	cps
Lead	206-1	1227368	1252122	1253764	1244418	1.19	cps
Lead	207-1	1089530	1093355	1116354	1099746	1.32	cps
Lead	208-1	4915943	4961971	5005699	4961204	0.90	cps
Lithium	6-1	899579	799076	842132	846929	5.95	cps
Magnesium	24-2	3102247	3114914	3204944	3140702	1.78	cps
Manganese	55-2	487037	484585	496380	489334	1.27	cps

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 13:10:29	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1430659	1435647	1430087	1432131	0.21	cps
Molybdenum	95-1	763304	766652	760220	763392	0.42	cps
Molybdenum	96-1	979206	972149	974455	975270	0.37	cps
Molybdenum	97-1	470673	474107	470905	471895	0.41	cps
Molybdenum	98-1	1213191	1222866	1213780	1216613	0.45	cps
Neodymium	150-1	87	60	87	78	19.80	cps
Neodymium	150-2	13	7	13	11	34.61	cps
Nickel	60-2	205569	206426	212243	208079	1.75	cps
Phosphorus	31-2	13281	12714	13532	13176	3.18	cps
Potassium	39-2	1608264	1612416	1644759	1621813	1.23	cps
Rhodium	103-1	12319130	11100515	11708792	11709479	5.20	cps
Rhodium	103-2	5811502	5554937	5999371	5788603	3.85	cps
Scandium	45-1	7834000	7004233	7317736	7385323	5.67	cps
Scandium	45-2	321297	309826	332971	321365	3.60	cps
Selenium	77-2	880	903	930	904	2.77	cps
Selenium	78-2	3056	2860	3121	3012	4.51	cps
Selenium	82-1	22342	22388	22272	22334	0.26	cps
Silicon	28-1	1709123	1710330	1734779	1718077	0.84	cps
Silver	109-1	1815698	1806607	1828055	1816787	0.59	cps
Silver	107-1	1899980	1893787	1890621	1894796	0.25	cps
Sodium	23-2	5771414	5741663	5884922	5799333	1.30	cps
Strontium	86-1	503971	510070	516754	510265	1.25	cps
Strontium	88-1	4481406	4524962	4460383	4488917	0.73	cps
Sulfur	34-1	388315	392040	390177	390177	0.48	cps
Terbium	159-1	18316316	16370633	17102082	17263010	5.69	cps
Terbium	159-2	8681070	8355479	9014848	8683799	3.80	cps
Thallium	203-1	1514971	1546438	1542646	1534685	1.12	cps
Thallium	205-1	3676066	3757974	3742940	3725660	1.17	cps
Tin	118-1	1296203	1303150	1307407	1302253	0.43	cps
Titanium	47-1	205884	206841	206376	206367	0.23	cps
Uranium	238-1	5154915	5153370	5206184	5171490	0.58	cps
Vanadium	51-2	376548	371621	381138	376435	1.26	cps
Yttrium	89-1	14405965	12876172	13338801	13540313	5.79	cps
Yttrium	89-2	1895770	1799103	1958784	1884552	4.27	cps
Zinc	66-2	132605	133732	138634	134990	2.37	cps
Zirconium	90-1	2765633	2775707	2730446	2757262	0.86	cps

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 13:10:29	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	610724	611300	604827	608950	0.59	cps

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 13:14:13	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	492052	485712	497412	491725	1.19	cps
Antimony	121-1	2806766	2813907	2803802	2808158	0.18	cps
Arsenic	75-2	97459	97522	99558	98180	1.22	cps
Barium	135-1	3982500	3992999	4019333	3998278	0.47	cps
Barium	137-1	6821233	6884488	6923127	6876283	0.75	cps
Beryllium	9-1	298686	297976	303753	300138	1.05	cps
Bismuth	209-1	10761073	10324006	9905710	10330263	4.14	cps
Bismuth	209-2	6274064	6156472	6383848	6271461	1.81	cps
Boron	10-1	37163	39795	40171	39043	4.20	cps
Boron	11-1	197659	209128	214513	207100	4.16	cps
Cadmium	106-1	79641	77923	80026	79197	1.41	cps
Cadmium	108-1	51510	51640	52526	51892	1.07	cps
Cadmium	111-1	724607	728298	733802	728902	0.63	cps
Calcium	43-1	866157	878501	882380	875679	0.97	cps
Calcium	44-1	13978157	14154626	14165836	14099540	0.75	cps
Chromium	52-2	914932	914801	932217	920650	1.09	cps
Cobalt	59-2	1529958	1543296	1562213	1545156	1.05	cps
Copper	63-2	2238229	2230824	2283417	2250823	1.26	cps
Dysprosium	156-2	30	13	20	21	39.75	cps
Dysprosium	156-1	117	58	33	69	61.58	cps
Erbium	164-1	50	67	50	56	17.32	cps
Erbium	164-2	17	20	30	22	31.22	cps
Gadolinium	160-2	30	50	43	41	24.77	cps
Gadolinium	160-1	100	75	100	92	15.75	cps
Holmium	165-1	17640134	17050090	16392605	17027610	3.67	cps
Holmium	165-2	8878716	8707081	8941745	8842514	1.37	cps
Indium	115-2	2416623	2363566	2450815	2410334	1.82	cps
Indium	115-1	13335594	12828650	12739381	12967875	2.48	cps
Iron	56-2	41181308	41079023	41879726	41380019	1.05	cps
Iron	57-2	1017087	1019814	1034749	1023883	0.93	cps
Lead	206-1	2455393	2468349	2473993	2465912	0.39	cps
Lead	207-1	2159321	2169305	2181291	2169972	0.51	cps
Lead	208-1	9841248	9886434	9898977	9875553	0.31	cps
Lithium	6-1	905040	878171	853574	878929	2.93	cps
Magnesium	24-2	6153444	6067574	6251802	6157607	1.50	cps
Manganese	55-2	965041	963787	988748	972526	1.45	cps

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 13:14:13	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2873068	2845979	2875390	2864812	0.57	cps
Molybdenum	95-1	1519625	1514361	1516338	1516775	0.18	cps
Molybdenum	96-1	1938728	1939931	1934952	1937870	0.13	cps
Molybdenum	97-1	932732	933849	939004	935195	0.36	cps
Molybdenum	98-1	2421024	2439079	2448480	2436194	0.57	cps
Neodymium	150-1	187	207	220	204	8.21	cps
Neodymium	150-2	13	30	33	26	41.94	cps
Nickel	60-2	410223	408727	418034	412328	1.21	cps
Phosphorus	31-2	25589	25656	25999	25748	0.85	cps
Potassium	39-2	3228952	3225890	3281948	3245597	0.97	cps
Rhodium	103-2	5755473	5650107	5849074	5751551	1.73	cps
Rhodium	103-1	12295040	11737336	11596688	11876355	3.11	cps
Scandium	45-1	7790355	7531326	7382259	7567980	2.73	cps
Scandium	45-2	324304	319347	329456	324369	1.56	cps
Selenium	77-2	1830	1767	1683	1760	4.18	cps
Selenium	78-2	5766	5735	5986	5829	2.36	cps
Selenium	82-1	42992	43749	43444	43395	0.88	cps
Silicon	28-1	2708195	2732363	2747307	2729288	0.72	cps
Silver	109-1	3580612	3602337	3611926	3598292	0.45	cps
Silver	107-1	3726971	3729654	3741412	3732679	0.21	cps
Sodium	23-2	11510061	11280676	11736415	11509051	1.98	cps
Strontium	86-1	1014768	1020462	1020503	1018577	0.32	cps
Strontium	88-1	8893807	8801248	8939840	8878298	0.80	cps
Sulfur	34-1	511584	507090	514184	510953	0.70	cps
Terbium	159-1	18111495	17383724	17013216	17502812	3.19	cps
Terbium	159-2	8754740	8613252	8818343	8728778	1.20	cps
Thallium	203-1	3066823	3098033	3082671	3082509	0.51	cps
Thallium	205-1	7385765	7407714	7330145	7374542	0.54	cps
Tin	118-1	2579756	2571487	2598244	2583162	0.53	cps
Titanium	47-1	406980	407402	407987	407456	0.12	cps
Uranium	238-1	10493277	10545928	10421288	10486831	0.60	cps
Vanadium	51-2	749366	756507	766602	757492	1.14	cps
Yttrium	89-2	1898812	1871627	1929320	1899920	1.52	cps
Yttrium	89-1	14363331	13785230	13539994	13896185	3.04	cps
Zinc	66-2	263658	263421	269253	265444	1.24	cps
Zirconium	90-1	5529781	5489170	5492264	5503739	0.41	cps

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 13:14:13	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1212823	1212175	1208509	1211169	0.19	cps

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 13:17:52	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	957095	974437	977378	969637	1.13	cps
Antimony	121-1	5788483	5813260	5864345	5822029	0.66	cps
Arsenic	75-2	188409	191816	191264	190496	0.96	cps
Barium	135-1	7786826	7790893	7926202	7834640	1.01	cps
Barium	137-1	13375761	13594417	13648164	13539447	1.07	cps
Beryllium	9-1	591455	597524	600699	596559	0.79	cps
Bismuth	209-1	10475538	10263244	10000451	10246411	2.32	cps
Bismuth	209-2	6207901	6110032	6144818	6154250	0.81	cps
Boron	10-1	76796	79057	80908	78920	2.61	cps
Boron	11-1	402066	417490	430598	416718	3.43	cps
Cadmium	106-1	151755	152243	153507	152502	0.59	cps
Cadmium	108-1	99760	101494	101783	101012	1.08	cps
Cadmium	111-1	1414662	1416056	1421268	1417329	0.25	cps
Calcium	43-1	1715386	1718106	1735693	1723062	0.64	cps
Calcium	44-1	27604830	27788420	28047480	27813577	0.80	cps
Chromium	52-2	1767524	1797738	1794472	1786578	0.93	cps
Cobalt	59-2	2963448	3031846	3022937	3006077	1.24	cps
Copper	63-2	4246980	4360104	4378733	4328605	1.65	cps
Dysprosium	156-2	40	30	30	33	17.32	cps
Dysprosium	156-1	100	167	183	150	29.40	cps
Erbium	164-1	125	75	83	94	28.37	cps
Erbium	164-2	37	27	17	27	37.50	cps
Gadolinium	160-2	60	60	40	53	21.65	cps
Gadolinium	160-1	100	83	167	117	37.79	cps
Holmium	165-2	8746638	8737267	8694909	8726271	0.32	cps
Holmium	165-1	17475603	16946331	16585167	17002367	2.63	cps
Indium	115-1	13050896	12803723	12456722	12770447	2.34	cps
Indium	115-2	2354394	2329231	2340681	2341435	0.54	cps
Iron	56-2	79641805	80268068	80824777	80244883	0.74	cps
Iron	57-2	1959945	1997063	1983873	1980294	0.95	cps
Lead	206-1	4867497	4897241	4926502	4897080	0.60	cps
Lead	207-1	4281423	4306056	4352047	4313176	0.83	cps
Lead	208-1	19495307	19627225	19894066	19672199	1.03	cps
Lithium	6-1	903424	880371	863610	882468	2.27	cps
Magnesium	24-2	11927574	12183759	12246179	12119171	1.39	cps
Manganese	55-2	1877428	1899419	1897035	1891294	0.64	cps

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 13:17:52	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5736481	5769863	5756601	5754315	0.29	cps
Molybdenum	95-1	3001818	3046234	3034424	3027492	0.76	cps
Molybdenum	96-1	3861207	3858463	3879256	3866309	0.29	cps
Molybdenum	97-1	1864343	1878899	1869387	1870876	0.40	cps
Molybdenum	98-1	4867684	4868899	4876936	4871173	0.10	cps
Neodymium	150-1	420	273	313	336	22.59	cps
Neodymium	150-2	47	40	50	46	11.18	cps
Nickel	60-2	778871	798674	793992	790512	1.31	cps
Phosphorus	31-2	48363	49910	50219	49497	2.01	cps
Potassium	39-2	6189227	6255293	6302576	6249032	0.91	cps
Rhodium	103-2	5618666	5551212	5594900	5588259	0.61	cps
Rhodium	103-1	11984407	11621872	11339185	11648488	2.78	cps
Scandium	45-1	7703684	7521492	7341737	7522304	2.41	cps
Scandium	45-2	321334	316902	320538	319591	0.74	cps
Selenium	77-2	3287	3307	3561	3385	4.50	cps
Selenium	78-2	11286	11671	11456	11471	1.68	cps
Selenium	82-1	84932	84455	85019	84802	0.36	cps
Silicon	28-1	3643351	3707866	3744796	3698671	1.39	cps
Silver	109-1	6965457	6940833	7019170	6975154	0.57	cps
Silver	107-1	7329632	7356159	7271705	7319165	0.59	cps
Sodium	23-2	22837325	22636838	22692953	22722372	0.46	cps
Strontium	86-1	1999596	2003166	2024161	2008974	0.66	cps
Strontium	88-1	17421218	17447526	17534839	17467861	0.34	cps
Sulfur	34-1	745368	743186	753360	747305	0.72	cps
Terbium	159-1	18240253	17580721	17012945	17611307	3.49	cps
Terbium	159-2	8683983	8622639	8574527	8627050	0.64	cps
Thallium	203-1	6059407	6126572	6181567	6122516	1.00	cps
Thallium	205-1	14387860	14562316	14664624	14538267	0.96	cps
Tin	118-1	5098725	5118656	5189765	5135716	0.93	cps
Titanium	47-1	797591	813400	808354	806448	1.00	cps
Uranium	238-1	20610592	20640232	20778089	20676304	0.43	cps
Vanadium	51-2	1463889	1493040	1489525	1482151	1.07	cps
Yttrium	89-2	1881759	1853607	1860131	1865166	0.79	cps
Yttrium	89-1	14179863	13716982	13423742	13773529	2.77	cps
Zinc	66-2	506886	514662	513762	511770	0.83	cps
Zirconium	90-1	10836142	10864949	10862293	10854461	0.15	cps

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 13:17:52	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2392366	2413421	2401077	2402288	0.44	cps

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 13:21:28	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1879009	1914075	1906034	1899706	0.97	cps
Antimony	121-1	11785774	11577132	11731122	11698009	0.92	cps
Arsenic	75-2	370268	379569	379286	376374	1.41	cps
Barium	135-1	15556474	15356161	15513223	15475286	0.68	cps
Barium	137-1	26713281	26626076	26741712	26693689	0.23	cps
Beryllium	9-1	1156539	1150518	1165811	1157622	0.67	cps
Bismuth	209-1	10528591	10133646	9900590	10187609	3.12	cps
Bismuth	209-2	5965450	6063221	5917602	5982091	1.24	cps
Boron	10-1	155695	154894	159213	156601	1.47	cps
Boron	11-1	808765	829362	850075	829401	2.49	cps
Cadmium	106-1	290176	287054	291808	289679	0.83	cps
Cadmium	108-1	194952	195436	195296	195228	0.13	cps
Cadmium	111-1	2735074	2714807	2767399	2739093	0.97	cps
Calcium	43-1	3422337	3373343	3412416	3402699	0.76	cps
Calcium	44-1	54997593	54520341	54891187	54803040	0.46	cps
Chromium	52-2	3451014	3537228	3532525	3506923	1.38	cps
Cobalt	59-2	5657603	5845333	5762510	5755149	1.63	cps
Copper	63-2	8297491	8574448	8366974	8412971	1.71	cps
Dysprosium	156-2	33	30	43	36	19.51	cps
Dysprosium	156-1	158	208	158	175	16.50	cps
Erbium	164-1	108	50	75	78	37.63	cps
Erbium	164-2	53	50	40	48	14.52	cps
Gadolinium	160-2	43	60	60	54	17.68	cps
Gadolinium	160-1	142	83	133	119	26.41	cps
Holmium	165-2	8731997	8701513	8622551	8685354	0.65	cps
Holmium	165-1	17439593	16875342	16508712	16941216	2.77	cps
Indium	115-1	13014621	12469901	12314941	12599821	2.92	cps
Indium	115-2	2313216	2318698	2269382	2300432	1.17	cps
Iron	56-2	150108120	154444526	153059809	152537485	1.45	cps
Iron	57-2	3669349	3828688	3786426	3761488	2.19	cps
Lead	206-1	9904060	9840013	9951660	9898577	0.57	cps
Lead	207-1	8858824	8903076	8935788	8899229	0.43	cps
Lead	208-1	39601557	39473157	39579205	39551307	0.17	cps
Lithium	6-1	889917	886214	861193	879108	1.78	cps
Magnesium	24-2	23462560	23733082	23697013	23630885	0.62	cps
Manganese	55-2	3636493	3752588	3718453	3702511	1.61	cps

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 13:21:28	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	11478913	11339948	11461362	11426741	0.66	cps
Molybdenum	95-1	6034460	5917782	6091639	6014627	1.47	cps
Molybdenum	96-1	7688576	7690985	7725092	7701551	0.27	cps
Molybdenum	97-1	3692219	3682105	3714147	3696157	0.44	cps
Molybdenum	98-1	9839670	9822860	9952581	9871704	0.71	cps
Neodymium	150-1	560	713	627	633	12.14	cps
Neodymium	150-2	47	50	53	50	6.66	cps
Nickel	60-2	1486216	1547618	1527521	1520452	2.06	cps
Phosphorus	31-2	95405	96637	97543	96528	1.11	cps
Potassium	39-2	11833687	12027049	11929982	11930240	0.81	cps
Rhodium	103-2	5484681	5521451	5391802	5465978	1.22	cps
Rhodium	103-1	11780074	11416776	11175653	11457501	2.66	cps
Scandium	45-1	7752162	7539991	7328814	7540322	2.81	cps
Scandium	45-2	321774	324524	314935	320411	1.54	cps
Selenium	77-2	6355	6868	6692	6638	3.93	cps
Selenium	78-2	22265	22935	22543	22581	1.49	cps
Selenium	82-1	166049	165526	165627	165734	0.17	cps
Silicon	28-1	5960440	5911190	6030091	5967240	1.00	cps
Silver	109-1	13538477	13451365	13670070	13553304	0.81	cps
Silver	107-1	14078987	14037619	14127541	14081382	0.32	cps
Sodium	23-2	43499371	45172654	44572909	44414978	1.91	cps
Strontium	86-1	3958663	3935061	3957333	3950352	0.34	cps
Strontium	88-1	34580141	34101945	34517366	34399817	0.76	cps
Sulfur	34-1	1205318	1206063	1211652	1207678	0.29	cps
Terbium	159-1	17859409	17515925	17144453	17506596	2.04	cps
Terbium	159-2	8633794	8600362	8447166	8560441	1.16	cps
Thallium	203-1	12184416	12108472	12091532	12128140	0.41	cps
Thallium	205-1	28722807	28349354	28489512	28520558	0.66	cps
Tin	118-1	10359755	10066618	10271055	10232476	1.47	cps
Titanium	47-1	1589212	1597586	1597154	1594651	0.30	cps
Uranium	238-1	41312396	40605128	41216852	41044792	0.93	cps
Vanadium	51-2	2877772	2947496	2929563	2918277	1.24	cps
Yttrium	89-2	1859902	1843832	1830686	1844807	0.79	cps
Yttrium	89-1	14197134	13640451	13465701	13767762	2.77	cps
Zinc	66-2	962623	1000576	987392	983530	1.96	cps
Zirconium	90-1	21426447	21456654	21720263	21534455	0.75	cps

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 13:21:28	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4765156	4717891	4795501	4759516	0.82	cps

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 13:25:00	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9849725	9877835	10239907	9989156	2.18	cps
Antimony	121-1	85393	77841	74447	79227	7.07	cps
Arsenic	75-2	698	619	770	696	10.92	cps
Barium	135-1	4651	4951	4918	4840	3.40	cps
Barium	137-1	8445	8870	7994	8436	5.19	cps
Beryllium	9-1	361	361	294	339	11.36	cps
Bismuth	209-1	9203355	8920327	8512271	8878651	3.91	cps
Bismuth	209-2	5413406	5342991	5582675	5446357	2.26	cps
Boron	10-1	15825	13298	12389	13837	12.87	cps
Boron	11-1	84687	73094	64296	74026	13.82	cps
Cadmium	106-1	2909	2975	2634	2839	6.38	cps
Cadmium	108-1	88	104	79	90	14.10	cps
Cadmium	111-1	2783	2789	2576	2716	4.48	cps
Calcium	43-1	17066765	17270196	17422708	17253223	1.04	cps
Calcium	44-1	275981473	277470090	280037440	277829667	0.74	cps
Chromium	52-2	105981	106562	107455	106666	0.70	cps
Cobalt	59-2	7992	7642	7722	7786	2.36	cps
Copper	63-2	15018	14427	15065	14837	2.39	cps
Dysprosium	156-2	67	63	97	76	24.30	cps
Dysprosium	156-1	233	108	125	156	43.63	cps
Erbium	164-1	142	58	50	83	60.83	cps
Erbium	164-2	37	40	40	39	4.94	cps
Gadolinium	160-2	127	120	80	109	23.18	cps
Gadolinium	160-1	217	208	158	194	16.23	cps
Holmium	165-1	16662959	16278878	15625672	16189170	3.24	cps
Holmium	165-2	8487883	8456094	8713601	8552526	1.64	cps
Indium	115-2	2256340	2234074	2338186	2276200	2.41	cps
Indium	115-1	12395686	11844588	11598737	11946337	3.42	cps
Iron	56-2	708780616	709139283	724142927	714020942	1.23	cps
Iron	57-2	17505480	17640173	17914564	17686739	1.18	cps
Lead	206-1	16221	15882	15815	15973	1.36	cps
Lead	207-1	12679	13613	13135	13142	3.56	cps
Lead	208-1	61541	61496	61218	61418	0.28	cps
Lithium	6-1	839834	811248	783147	811410	3.49	cps
Magnesium	24-2	118189765	118632711	121145599	119322692	1.34	cps
Manganese	55-2	14157	14484	13897	14179	2.08	cps

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 13:25:00	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	25390	26684	27202	26425	3.53	cps
Molybdenum	95-1	40450	42865	44813	42709	5.12	cps
Molybdenum	96-1	51745	52723	53619	52696	1.78	cps
Molybdenum	97-1	26684	26434	28296	27138	3.72	cps
Molybdenum	98-1	67301	68491	69948	68580	1.93	cps
Neodymium	150-1	193	187	147	176	14.38	cps
Neodymium	150-2	73	80	63	72	11.62	cps
Nickel	60-2	27990	27640	28371	28000	1.31	cps
Phosphorus	31-2	217	200	250	222	11.46	cps
Potassium	39-2	58185722	58461216	60539856	59062265	2.18	cps
Rhodium	103-2	5065824	4964244	5231376	5087148	2.65	cps
Rhodium	103-1	10926726	10496083	10148670	10523827	3.70	cps
Scandium	45-1	7701163	7449246	7169554	7439988	3.57	cps
Scandium	45-2	315016	310972	332910	319632	3.65	cps
Selenium	77-2	23	27	7	19	56.72	cps
Selenium	78-2	141	187	150	159	15.38	cps
Selenium	82-1	1194	1153	1287	1212	5.64	cps
Silicon	28-1	829957	828595	823910	827487	0.38	cps
Silver	109-1	1358	1275	1333	1322	3.23	cps
Silver	107-1	1425	1333	1275	1345	5.62	cps
Sodium	23-2	230774630	229462472	237011672	232416258	1.74	cps
Strontium	86-1	128100	129766	131162	129676	1.18	cps
Strontium	88-1	1123585	1127054	1133799	1128146	0.46	cps
Sulfur	34-1	256657	263441	263770	261289	1.54	cps
Terbium	159-1	17303896	16691919	16020471	16672095	3.85	cps
Terbium	159-2	8375091	8235975	8681218	8430762	2.70	cps
Thallium	203-1	8145	7569	7536	7750	4.42	cps
Thallium	205-1	19189	18380	17654	18408	4.17	cps
Tin	118-1	11197	12565	12573	12111	6.54	cps
Titanium	47-1	1258	1308	1408	1325	5.76	cps
Uranium	238-1	7995	7894	7636	7842	2.36	cps
Vanadium	51-2	953	1000	960	971	2.60	cps
Yttrium	89-2	1842272	1820518	1918497	1860429	2.77	cps
Yttrium	89-1	13634356	13225278	12935123	13264919	2.65	cps
Zinc	66-2	4744	4691	4944	4793	2.79	cps
Zirconium	90-1	4984	5668	5260	5304	6.49	cps

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 13:25:00	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1108	1125	1158	1131	2.25	cps

LB Number : LB85174 Operator : Jaswal
 Lab Sample ID : ICV Instrumnet Name : P7
 Client Sample ID : ICV Dilution Factor : 1
 Date & Time Acquired :: 2017-01-04 13:28:44 DataFile Name : 011ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	53723	52066	53538	53109	1.71	cps
Antimony	121-1	2220926	2244649	2250975	2238850	0.71	cps
Arsenic	75-2	80089	79007	82670	80589	2.34	cps
Barium	135-1	320569	317044	320136	319249	0.60	cps
Barium	137-1	558065	560488	565931	561494	0.72	cps
Beryllium	9-1	121538	124377	124765	123560	1.43	cps
Bismuth	209-1	10932359	10474777	10247790	10551642	3.30	cps
Bismuth	209-2	6373608	6163229	6247159	6261332	1.69	cps
Boron	10-1	111777	114281	114012	113357	1.21	cps
Boron	11-1	596490	606034	610425	604317	1.18	cps
Cadmium	106-1	57016	58229	57199	57481	1.14	cps
Cadmium	108-1	29410	30312	29961	29894	1.52	cps
Cadmium	111-1	306082	310509	314708	310433	1.39	cps
Calcium	43-1	84106	80427	82054	82196	2.24	cps
Calcium	44-1	1271488	1272108	1273470	1272355	0.08	cps
Chromium	52-2	364639	357042	369458	363713	1.72	cps
Cobalt	59-2	625628	623422	645963	631671	1.97	cps
Copper	63-2	459324	453442	472969	461912	2.17	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Dysprosium	156-1	25	17	8	17	50.01	cps
Erbium	164-1	133	108	208	150	34.70	cps
Erbium	164-2	63	87	47	66	30.65	cps
Gadolinium	160-2	20	23	23	22	8.65	cps
Gadolinium	160-1	100	117	100	106	9.11	cps
Holmium	165-2	8959729	8572478	8706532	8746246	2.25	cps
Holmium	165-1	17952699	17229855	16649777	17277444	3.78	cps
Indium	115-1	13909143	13501985	13013558	13474895	3.33	cps
Indium	115-2	2494243	2419210	2435308	2449587	1.61	cps
Iron	56-2	3042007	3001154	3133274	3058812	2.21	cps
Iron	57-2	73377	73919	77376	74891	2.90	cps
Lead	206-1	2001051	2020132	2026588	2015923	0.66	cps
Lead	207-1	1687681	1708157	1710267	1702035	0.73	cps
Lead	208-1	7839771	7896087	7952870	7896242	0.72	cps
Lithium	6-1	948820	914691	885427	916313	3.46	cps
Magnesium	24-2	304702	303199	313161	307021	1.75	cps
Manganese	55-2	199339	196626	203032	199665	1.61	cps

LB Number : LB85174 Operator : Jaswal
 Lab Sample ID : ICV Instrumnet Name : P7
 Client Sample ID : ICV Dilution Factor : 1
 Date & Time Acquired :: 2017-01-04 13:28:44 DataFile Name : 011ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6879679	6797724	6904227	6860543	0.81	cps
Molybdenum	95-1	3605284	3582097	3615363	3600915	0.47	cps
Molybdenum	96-1	4605772	4573253	4644303	4607776	0.77	cps
Molybdenum	97-1	2218606	2212986	2246644	2226079	0.81	cps
Molybdenum	98-1	5891673	5900393	5945472	5912513	0.49	cps
Neodymium	150-1	20	20	33	24	31.49	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	168034	165323	172846	168734	2.26	cps
Phosphorus	31-2	250	167	267	228	23.52	cps
Potassium	39-2	503782	500299	517960	507347	1.84	cps
Rhodium	103-2	5916131	5796055	5862355	5858180	1.03	cps
Rhodium	103-1	12821189	12609394	12089882	12506822	3.01	cps
Scandium	45-1	8320070	7982783	7779002	8027285	3.40	cps
Scandium	45-2	336077	327535	329036	330883	1.38	cps
Selenium	77-2	1500	1410	1363	1425	4.88	cps
Selenium	78-2	4953	4758	5044	4918	2.96	cps
Selenium	82-1	35763	36244	36229	36079	0.76	cps
Silicon	28-1	3505155	3452462	3537607	3498408	1.23	cps
Silver	109-1	1450379	1465240	1482633	1466084	1.10	cps
Silver	107-1	1529386	1534838	1544802	1536342	0.51	cps
Sodium	23-2	980593	980786	1018247	993209	2.18	cps
Strontium	86-1	2390214	2375636	2393007	2386286	0.39	cps
Strontium	88-1	21014033	20783689	20961799	20919841	0.58	cps
Sulfur	34-1	271940	271693	277122	273585	1.12	cps
Terbium	159-1	18424923	17880081	17122960	17809321	3.67	cps
Terbium	159-2	8901883	8626058	8722179	8750040	1.60	cps
Thallium	203-1	2490349	2486840	2505133	2494107	0.39	cps
Thallium	205-1	6044372	6050769	6079485	6058209	0.31	cps
Tin	118-1	6188588	6077707	6256833	6174376	1.46	cps
Titanium	47-1	963411	973817	975308	970846	0.67	cps
Uranium	238-1	23467664	23115177	23237352	23273397	0.77	cps
Vanadium	51-2	300392	300583	311096	304024	2.01	cps
Yttrium	89-2	1945356	1895687	1931537	1924193	1.33	cps
Yttrium	89-1	15071465	14489883	13999837	14520395	3.69	cps
Zinc	66-2	109695	107710	111875	109760	1.90	cps
Zirconium	90-1	12802389	13048140	13160672	13003734	1.41	cps

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 13:28:44	DataFile Name :	011ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2852062	2835156	2893610	2860276	1.05	cps

LB Number : LB85174 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P7
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2017-01-04 13:32:13 DataFile Name : 012CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	133	108	114	15.23	cps
Antimony	121-1	47632	43736	40501	43956	8.12	cps
Arsenic	75-2	256	244	269	256	4.70	cps
Barium	135-1	175	183	275	211	26.28	cps
Barium	137-1	225	292	392	303	27.71	cps
Beryllium	9-1	239	172	183	198	18.03	cps
Bismuth	209-1	10821168	10362238	9998283	10393896	3.97	cps
Bismuth	209-2	6106984	5956139	6204525	6089216	2.06	cps
Boron	10-1	5977	5326	5543	5615	5.90	cps
Boron	11-1	32277	29421	27000	29566	8.93	cps
Cadmium	106-1	3125	2984	2984	3031	2.70	cps
Cadmium	108-1	8	21	8	12	57.75	cps
Cadmium	111-1	2299	2141	2187	2209	3.68	cps
Calcium	43-1	300	392	342	344	13.32	cps
Calcium	44-1	19164	18371	20131	19222	4.59	cps
Chromium	52-2	1633	1560	1623	1606	2.48	cps
Cobalt	59-2	273	253	287	271	6.19	cps
Copper	63-2	2534	2390	2367	2430	3.71	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Erbium	164-1	125	92	67	94	30.99	cps
Erbium	164-2	30	23	20	24	20.83	cps
Gadolinium	160-2	17	37	33	29	37.08	cps
Gadolinium	160-1	75	92	75	81	11.95	cps
Holmium	165-2	8620229	8302952	8697519	8540233	2.45	cps
Holmium	165-1	17754716	17066246	16387644	17069535	4.00	cps
Indium	115-1	14006723	13515295	12883811	13468610	4.18	cps
Indium	115-2	2424382	2323810	2446486	2398226	2.73	cps
Iron	56-2	11799	12400	14046	12749	9.12	cps
Iron	57-2	278	289	294	287	2.96	cps
Lead	206-1	1922	1834	1822	1859	2.95	cps
Lead	207-1	1628	1672	1611	1637	1.93	cps
Lead	208-1	7534	7534	7284	7451	1.94	cps
Lithium	6-1	932459	895004	857225	894896	4.20	cps
Magnesium	24-2	1150	1067	1308	1175	10.45	cps
Manganese	55-2	137	107	160	134	19.88	cps

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 13:32:13	DataFile Name :	012CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5776	6052	6960	6263	9.89	cps
Molybdenum	95-1	8536	10429	10880	9948	12.50	cps
Molybdenum	96-1	8995	10438	11038	10157	10.34	cps
Molybdenum	97-1	5660	6343	7094	6366	11.27	cps
Molybdenum	98-1	14091	15175	17645	15637	11.65	cps
Neodymium	150-1	7	20	0	9	114.55	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	103	93	100	99	5.15	cps
Phosphorus	31-2	258	200	217	225	13.35	cps
Potassium	39-2	26600	26048	26475	26374	1.10	cps
Rhodium	103-2	5747413	5571302	5758680	5692465	1.85	cps
Rhodium	103-1	12864949	12494445	12082986	12480793	3.13	cps
Scandium	45-1	8347761	7959149	7654454	7987121	4.35	cps
Scandium	45-2	322355	313197	327551	321034	2.26	cps
Selenium	77-2	3	7	3	4	43.40	cps
Selenium	78-2	96	107	104	102	5.52	cps
Selenium	82-1	1220	993	1034	1082	11.18	cps
Silicon	28-1	747892	745121	742547	745187	0.36	cps
Silver	109-1	242	367	308	306	20.47	cps
Silver	107-1	308	225	342	292	20.60	cps
Sodium	23-2	31726	30048	30841	30872	2.72	cps
Strontium	86-1	925	1050	917	964	7.75	cps
Strontium	88-1	1175	1133	967	1092	10.10	cps
Sulfur	34-1	269393	276972	279340	275235	1.89	cps
Terbium	159-1	18158130	17657769	17108922	17641607	2.97	cps
Terbium	159-2	8539187	8347227	8587538	8491318	1.50	cps
Thallium	203-1	2617	2575	2450	2548	3.41	cps
Thallium	205-1	5960	5610	6010	5860	3.72	cps
Tin	118-1	5735	6185	6877	6266	9.18	cps
Titanium	47-1	225	217	250	231	7.52	cps
Uranium	238-1	1575	1659	1417	1550	7.92	cps
Vanadium	51-2	67	50	70	62	17.22	cps
Yttrium	89-2	1890076	1837366	1899601	1875681	1.79	cps
Yttrium	89-1	14846365	14553675	13805944	14401995	3.73	cps
Zinc	66-2	250	263	250	254	3.02	cps
Zirconium	90-1	2575	2634	2584	2598	1.21	cps

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 13:32:13	DataFile Name :	012CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	583	492	633	569	12.62	cps

LB Number : LB85174 Operator : Jaswal
 Lab Sample ID : ICSA Instrumnet Name : P7
 Client Sample ID : ICSA Dilution Factor : 1
 Date & Time Acquired :: 2017-01-04 13:35:45 DataFile Name : 013ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9518090	9500785	9821886	9613587	1.88	cps
Antimony	121-1	35120	36048	35329	35499	1.37	cps
Arsenic	75-2	230	243	252	241	4.63	cps
Barium	135-1	4934	4718	5276	4976	5.66	cps
Barium	137-1	8470	8186	8261	8306	1.77	cps
Beryllium	9-1	439	472	456	456	3.66	cps
Bismuth	209-1	10228118	9950878	9593215	9924070	3.21	cps
Bismuth	209-2	5904722	5913244	5901891	5906619	0.10	cps
Boron	10-1	4376	4101	3859	4112	6.29	cps
Boron	11-1	24078	20490	19889	21486	10.54	cps
Cadmium	106-1	3025	2692	2892	2870	5.85	cps
Cadmium	108-1	2096	2129	2042	2089	2.11	cps
Cadmium	111-1	3376	2861	2995	3077	8.68	cps
Calcium	43-1	3395944	3418921	3426852	3413906	0.47	cps
Calcium	44-1	55686349	55119714	55753691	55519918	0.63	cps
Chromium	52-2	70863	72045	73402	72103	1.76	cps
Cobalt	59-2	7259	7038	7359	7219	2.27	cps
Copper	63-2	36646	37351	37578	37192	1.31	cps
Dysprosium	156-2	30	37	30	32	11.95	cps
Dysprosium	156-1	25	50	75	50	50.00	cps
Erbium	164-1	83	83	117	94	20.37	cps
Erbium	164-2	43	47	50	47	7.15	cps
Gadolinium	160-2	70	37	47	51	33.46	cps
Gadolinium	160-1	83	50	183	106	65.74	cps
Holmium	165-2	8824957	8774255	8745620	8781611	0.46	cps
Holmium	165-1	17687416	17095243	16568517	17117058	3.27	cps
Indium	115-1	13376889	12891065	12690449	12986134	2.72	cps
Indium	115-2	2379278	2346893	2385063	2370411	0.87	cps
Iron	56-2	284651729	287100406	294666995	288806377	1.81	cps
Iron	57-2	6968169	7225165	7279889	7157741	2.33	cps
Lead	206-1	44402	45261	45484	45049	1.27	cps
Lead	207-1	33242	34674	34334	34083	2.19	cps
Lead	208-1	162238	166189	165668	164698	1.30	cps
Lithium	6-1	912244	885213	862436	886631	2.81	cps
Magnesium	24-2	23701554	23760844	24396643	23953014	1.61	cps
Manganese	55-2	15138	14801	15301	15080	1.69	cps

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 13:35:45	DataFile Name :	013ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6973759	6900268	6973640	6949222	0.61	cps
Molybdenum	95-1	12120309	12015398	12061978	12065895	0.44	cps
Molybdenum	96-1	12879477	12823584	12933582	12878881	0.43	cps
Molybdenum	97-1	7736997	7616776	7698343	7684039	0.80	cps
Molybdenum	98-1	19933359	19733463	19868837	19845220	0.51	cps
Neodymium	150-1	73	60	53	62	16.37	cps
Neodymium	150-2	23	27	23	24	7.89	cps
Nickel	60-2	8019	8489	8866	8458	5.02	cps
Phosphorus	31-2	490430	493257	516665	500117	2.88	cps
Potassium	39-2	23021358	23097278	23851233	23323290	1.97	cps
Rhodium	103-2	5534798	5484733	5490712	5503415	0.50	cps
Rhodium	103-1	12156887	11652158	11428703	11745916	3.18	cps
Scandium	45-1	8033549	7772415	7600833	7802266	2.79	cps
Scandium	45-2	329352	323658	326171	326394	0.87	cps
Selenium	77-2	10	7	10	9	21.63	cps
Selenium	78-2	85	100	69	85	18.62	cps
Selenium	82-1	985	934	989	969	3.18	cps
Silicon	28-1	857749	881513	863155	867472	1.44	cps
Silver	109-1	500	475	492	489	2.60	cps
Silver	107-1	483	517	692	564	19.85	cps
Sodium	23-2	45307998	45103914	46916034	45775982	2.17	cps
Strontium	86-1	136787	136417	134996	136067	0.70	cps
Strontium	88-1	1178060	1188454	1187468	1184661	0.48	cps
Sulfur	34-1	4362703	4404903	4452429	4406678	1.02	cps
Terbium	159-1	18087338	17642660	17115026	17615008	2.76	cps
Terbium	159-2	8776306	8662961	8607750	8682339	0.99	cps
Thallium	203-1	3251	3859	3984	3698	10.61	cps
Thallium	205-1	7294	9095	9679	8689	14.31	cps
Tin	118-1	4284	4643	5151	4693	9.28	cps
Titanium	47-1	3204846	3189628	3212538	3202337	0.36	cps
Uranium	238-1	1342	1342	1592	1425	10.13	cps
Vanadium	51-2	477	540	433	483	11.10	cps
Yttrium	89-2	1894183	1898047	1877646	1889959	0.57	cps
Yttrium	89-1	14680092	14114199	13628416	14140903	3.72	cps
Zinc	66-2	6352	5851	6382	6195	4.81	cps
Zirconium	90-1	4868	4659	4443	4656	4.57	cps

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 13:35:45	DataFile Name :	013ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	867	908	933	903	3.73	cps

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 13:39:12	DataFile Name :	014ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9364516	9322167	9586893	9424525	1.51	cps
Antimony	121-1	240129	237925	236400	238152	0.79	cps
Arsenic	75-2	7591	7550	8037	7726	3.50	cps
Barium	135-1	66644	66643	68033	67107	1.20	cps
Barium	137-1	115545	115837	117258	116213	0.79	cps
Beryllium	9-1	23825	24470	24242	24179	1.35	cps
Bismuth	209-1	10408507	10032238	9796476	10079074	3.06	cps
Bismuth	209-2	5957381	5836497	5871054	5888311	1.06	cps
Boron	10-1	13114	13140	12497	12917	2.82	cps
Boron	11-1	69762	70281	71026	70356	0.90	cps
Cadmium	106-1	10921	10271	10529	10574	3.10	cps
Cadmium	108-1	6377	6698	6602	6559	2.51	cps
Cadmium	111-1	58719	59056	58856	58877	0.29	cps
Calcium	43-1	3371956	3408907	3417763	3399542	0.71	cps
Calcium	44-1	54892537	55606003	55968995	55489178	0.99	cps
Chromium	52-2	140132	141074	144210	141805	1.51	cps
Cobalt	59-2	124526	123485	125754	124588	0.91	cps
Copper	63-2	123375	122450	125365	123730	1.20	cps
Dysprosium	156-2	33	23	37	31	22.31	cps
Dysprosium	156-1	33	58	50	47	26.97	cps
Erbium	164-1	108	117	108	111	4.33	cps
Erbium	164-2	60	30	40	43	35.25	cps
Gadolinium	160-2	63	40	43	49	25.81	cps
Gadolinium	160-1	100	100	67	89	21.65	cps
Holmium	165-2	8832951	8718127	8719462	8756846	0.75	cps
Holmium	165-1	17740404	17314935	16737821	17264387	2.91	cps
Indium	115-1	13553780	13098772	12795390	13149314	2.90	cps
Indium	115-2	2426769	2377122	2367428	2390439	1.33	cps
Iron	56-2	283115573	283032762	288408629	284852321	1.08	cps
Iron	57-2	7019768	6992721	7088657	7033715	0.70	cps
Lead	206-1	235725	233315	235171	234737	0.54	cps
Lead	207-1	188895	190527	191126	190183	0.61	cps
Lead	208-1	885930	888919	893027	889292	0.40	cps
Lithium	6-1	917057	888128	870344	891843	2.64	cps
Magnesium	24-2	23452934	23356676	23775546	23528385	0.93	cps
Manganese	55-2	52754	52671	53310	52912	0.66	cps

LB Number : LB85174 Operator : Jaswal
 Lab Sample ID : ICSAB Instrumnet Name : P7
 Client Sample ID : ICSAB Dilution Factor : 1
 Date & Time Acquired :: 2017-01-04 13:39:12 DataFile Name : 014ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7580435	7635516	7524934	7580295	0.73	cps
Molybdenum	95-1	12411340	12401763	12446431	12419845	0.19	cps
Molybdenum	96-1	13193714	13274508	13221248	13229823	0.31	cps
Molybdenum	97-1	7836204	7909826	7843627	7863219	0.52	cps
Molybdenum	98-1	20429908	20414794	20400428	20415044	0.07	cps
Neodymium	150-1	100	87	60	82	24.77	cps
Neodymium	150-2	23	20	20	21	9.11	cps
Nickel	60-2	39216	38811	39547	39191	0.94	cps
Phosphorus	31-2	488065	486089	502057	492070	1.77	cps
Potassium	39-2	22670424	22826368	23388615	22961802	1.65	cps
Rhodium	103-2	5624943	5539995	5478806	5547915	1.32	cps
Rhodium	103-1	12243972	11834585	11325444	11801334	3.90	cps
Scandium	45-1	8153505	7912057	7624626	7896729	3.35	cps
Scandium	45-2	331872	327114	327732	328906	0.79	cps
Selenium	77-2	143	153	197	164	17.24	cps
Selenium	78-2	550	526	533	536	2.30	cps
Selenium	82-1	4400	4290	4223	4304	2.07	cps
Silicon	28-1	1277385	1270436	1274804	1274208	0.28	cps
Silver	109-1	255918	256936	262823	258559	1.44	cps
Silver	107-1	269919	270930	271585	270811	0.31	cps
Sodium	23-2	44917329	44804468	45735192	45152329	1.12	cps
Strontium	86-1	366281	368622	367753	367552	0.32	cps
Strontium	88-1	3221016	3254977	3252015	3242669	0.58	cps
Sulfur	34-1	4298091	4304238	4330908	4311079	0.40	cps
Terbium	159-1	18431168	17925981	17192279	17849809	3.49	cps
Terbium	159-2	8826903	8650258	8630356	8702506	1.24	cps
Thallium	203-1	229806	233036	236058	232967	1.34	cps
Thallium	205-1	562500	561589	561667	561919	0.09	cps
Tin	118-1	584197	584734	588373	585768	0.39	cps
Titanium	47-1	3289242	3314800	3324117	3309386	0.55	cps
Uranium	238-1	2261318	2286294	2290931	2279514	0.70	cps
Vanadium	51-2	59312	59278	60879	59823	1.53	cps
Yttrium	89-2	1911861	1889819	1872235	1891305	1.05	cps
Yttrium	89-1	14782661	14338537	13839040	14320079	3.30	cps
Zinc	66-2	16600	16636	16626	16621	0.11	cps
Zirconium	90-1	1272897	1284074	1278580	1278517	0.44	cps

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 13:39:12	DataFile Name :	014ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	281172	285150	278383	281568	1.21	cps

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	CCV043	Instrumnet Name :	P7
Client Sample ID :	CCV043	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 13:47:36	DataFile Name :	015CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	990284	985673	997061	991006	0.58	cps
Antimony	121-1	6010768	6000518	5996724	6002670	0.12	cps
Arsenic	75-2	198356	198889	201100	199448	0.73	cps
Barium	135-1	8150477	8011872	8097800	8086717	0.87	cps
Barium	137-1	14048894	13891914	14096083	14012297	0.76	cps
Beryllium	9-1	607935	599806	610618	606120	0.93	cps
Bismuth	209-1	10477905	10228012	10098648	10268188	1.88	cps
Bismuth	209-2	6168827	6079439	6003386	6083884	1.36	cps
Boron	10-1	72784	76887	78563	76078	3.91	cps
Boron	11-1	388880	410111	425982	408324	4.56	cps
Cadmium	106-1	154586	153659	155791	154679	0.69	cps
Cadmium	108-1	102664	104410	105442	104172	1.35	cps
Cadmium	111-1	1451772	1461061	1450139	1454324	0.41	cps
Calcium	43-1	1851097	1854538	1843097	1849577	0.32	cps
Calcium	44-1	30192959	30020917	29849488	30021122	0.57	cps
Chromium	52-2	1843756	1853792	1858070	1851873	0.40	cps
Cobalt	59-2	3074611	3094643	3118841	3096031	0.72	cps
Copper	63-2	4440172	4492782	4516320	4483091	0.87	cps
Dysprosium	156-2	23	23	33	27	21.65	cps
Dysprosium	156-1	142	100	92	111	24.11	cps
Erbium	164-1	142	133	67	114	36.09	cps
Erbium	164-2	30	43	30	34	22.34	cps
Gadolinium	160-2	43	43	47	44	4.34	cps
Gadolinium	160-1	100	158	108	122	25.81	cps
Holmium	165-2	8917387	8892233	8672373	8827331	1.53	cps
Holmium	165-1	18090636	17573569	16993469	17552558	3.13	cps
Indium	115-1	14078761	13522042	13031454	13544086	3.87	cps
Indium	115-2	2465405	2454156	2401660	2440407	1.39	cps
Iron	56-2	83018105	83399274	84265796	83561058	0.77	cps
Iron	57-2	2038738	2056116	2070009	2054954	0.76	cps
Lead	206-1	4724475	4759717	4777663	4753952	0.57	cps
Lead	207-1	4197905	4220545	4226157	4214869	0.35	cps
Lead	208-1	19174751	19254659	19204866	19211425	0.21	cps
Lithium	6-1	935054	918290	872378	908574	3.57	cps
Magnesium	24-2	12486499	12429954	12640504	12518986	0.87	cps
Manganese	55-2	1946896	1962408	1989868	1966391	1.11	cps

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	CCV043	Instrumnet Name :	P7
Client Sample ID :	CCV043	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 13:47:36	DataFile Name :	015CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6086077	6123428	5977480	6062329	1.25	cps
Molybdenum	95-1	3175937	3168104	3160487	3168176	0.24	cps
Molybdenum	96-1	4056781	4043092	4022454	4040776	0.43	cps
Molybdenum	97-1	1955612	1950841	1948166	1951540	0.19	cps
Molybdenum	98-1	5101954	5084872	5085987	5090938	0.19	cps
Neodymium	150-1	367	400	280	349	17.76	cps
Neodymium	150-2	53	33	40	42	24.12	cps
Nickel	60-2	814216	817009	824657	818627	0.66	cps
Phosphorus	31-2	50545	50896	52242	51228	1.75	cps
Potassium	39-2	6564656	6604845	6608974	6592825	0.37	cps
Rhodium	103-2	5797370	5797038	5675712	5756706	1.22	cps
Rhodium	103-1	12851991	12314347	12010095	12392145	3.44	cps
Scandium	45-1	8559465	8233941	7836171	8209859	4.41	cps
Scandium	45-2	338421	339616	329123	335720	1.71	cps
Selenium	77-2	3370	3454	3467	3430	1.53	cps
Selenium	78-2	11899	11983	12146	12009	1.04	cps
Selenium	82-1	88435	89395	89540	89123	0.67	cps
Silicon	28-1	3744130	3827592	3891764	3821162	1.94	cps
Silver	109-1	7345627	7273380	7223278	7280762	0.84	cps
Silver	107-1	7586842	7577223	7548791	7570952	0.26	cps
Sodium	23-2	23101568	23153345	23461394	23238769	0.84	cps
Strontium	86-1	2121974	2095404	2111435	2109604	0.63	cps
Strontium	88-1	18575821	18517937	18387160	18493639	0.52	cps
Sulfur	34-1	763821	774218	773856	770632	0.77	cps
Terbium	159-1	18857782	18391752	17672358	18307297	3.26	cps
Terbium	159-2	8946473	8716295	8616777	8759848	1.93	cps
Thallium	203-1	5944181	5941473	6004153	5963269	0.59	cps
Thallium	205-1	14452177	14245973	14364460	14354203	0.72	cps
Tin	118-1	5261773	5278576	5257800	5266050	0.21	cps
Titanium	47-1	861052	861797	857524	860125	0.27	cps
Uranium	238-1	19705740	19862150	20068598	19878830	0.92	cps
Vanadium	51-2	1542657	1539897	1547748	1543434	0.26	cps
Yttrium	89-2	1968779	1961673	1920262	1950238	1.34	cps
Yttrium	89-1	15409413	14739534	14288564	14812504	3.81	cps
Zinc	66-2	515770	527724	532231	525241	1.62	cps
Zirconium	90-1	11527113	11461016	11420371	11469500	0.47	cps

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	CCV043	Instrumnet Name :	P7
Client Sample ID :	CCV043	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 13:47:36	DataFile Name :	015CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2514210	2507808	2518940	2513653	0.22	cps

LB Number : LB85174 Operator : Jaswal
 Lab Sample ID : CCB043 Instrumnet Name : P7
 Client Sample ID : CCB043 Dilution Factor : 1
 Date & Time Acquired :: 2017-01-04 13:51:01 DataFile Name : 016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	158	125	175	153	16.66	cps
Antimony	121-1	60189	52014	48694	53632	11.03	cps
Arsenic	75-2	256	252	335	281	16.76	cps
Barium	135-1	475	450	367	431	13.17	cps
Barium	137-1	900	742	650	764	16.56	cps
Beryllium	9-1	167	183	189	180	6.44	cps
Bismuth	209-1	10771560	10422075	10006989	10400208	3.68	cps
Bismuth	209-2	5923382	5694623	6090407	5902804	3.37	cps
Boron	10-1	7927	7044	6543	7171	9.77	cps
Boron	11-1	42419	37949	33747	38038	11.40	cps
Cadmium	106-1	2859	2984	2942	2928	2.17	cps
Cadmium	108-1	21	25	46	31	43.84	cps
Cadmium	111-1	2216	2317	2194	2242	2.93	cps
Calcium	43-1	225	442	350	339	32.09	cps
Calcium	44-1	20457	21508	20799	20921	2.56	cps
Chromium	52-2	1663	1537	1757	1652	6.68	cps
Cobalt	59-2	277	207	230	238	14.99	cps
Copper	63-2	2550	2734	2934	2739	7.00	cps
Dysprosium	156-2	10	3	10	8	49.52	cps
Dysprosium	156-1	17	0	25	14	91.65	cps
Erbium	164-1	50	42	75	56	31.22	cps
Erbium	164-2	37	7	30	24	64.43	cps
Gadolinium	160-2	7	33	13	18	78.05	cps
Gadolinium	160-1	83	75	58	72	17.62	cps
Holmium	165-2	8411354	7980279	8531713	8307782	3.49	cps
Holmium	165-1	17603795	17497762	16403964	17168507	3.87	cps
Indium	115-1	14053423	13707160	13088313	13616298	3.59	cps
Indium	115-2	2364988	2273159	2431581	2356576	3.38	cps
Iron	56-2	11427	11205	13941	12191	12.46	cps
Iron	57-2	161	211	283	219	28.12	cps
Lead	206-1	2306	2100	2150	2185	4.91	cps
Lead	207-1	1939	2056	1911	1969	3.89	cps
Lead	208-1	9074	8674	8735	8827	2.44	cps
Lithium	6-1	912511	888338	834060	878303	4.57	cps
Magnesium	24-2	917	975	1250	1047	17.00	cps
Manganese	55-2	180	140	160	160	12.50	cps

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	CCB043	Instrumnet Name :	P7
Client Sample ID :	CCB043	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 13:51:01	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5510	6210	7102	6274	12.72	cps
Molybdenum	95-1	8011	9478	10796	9429	14.78	cps
Molybdenum	96-1	8528	10396	11155	10026	13.48	cps
Molybdenum	97-1	4951	5651	6660	5754	14.93	cps
Molybdenum	98-1	13448	14466	16694	14870	11.16	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	97	83	90	90	7.41	cps
Phosphorus	31-2	258	167	150	192	30.43	cps
Potassium	39-2	25690	26374	26374	26146	1.51	cps
Rhodium	103-2	5632228	5383116	5741473	5585606	3.29	cps
Rhodium	103-1	13048314	12684696	12031589	12588200	4.09	cps
Scandium	45-1	8305485	8045328	7678523	8009779	3.93	cps
Scandium	45-2	313125	304236	323220	313527	3.03	cps
Selenium	77-2	10	7	10	9	21.63	cps
Selenium	78-2	130	102	119	117	11.98	cps
Selenium	82-1	1233	1151	1240	1208	4.09	cps
Silicon	28-1	804025	782365	789283	791891	1.40	cps
Silver	109-1	717	433	517	556	26.21	cps
Silver	107-1	783	392	583	586	33.41	cps
Sodium	23-2	24404	23528	24446	24126	2.15	cps
Strontium	86-1	850	983	742	858	14.10	cps
Strontium	88-1	1292	1200	1242	1245	3.69	cps
Sulfur	34-1	260802	262560	264441	262601	0.69	cps
Terbium	159-1	18530857	17887073	17098284	17838738	4.02	cps
Terbium	159-2	8224551	8009074	8487293	8240306	2.91	cps
Thallium	203-1	1559	1467	1350	1458	7.16	cps
Thallium	205-1	3751	3567	3117	3478	9.37	cps
Tin	118-1	5134	5268	5702	5368	5.52	cps
Titanium	47-1	350	333	308	331	6.34	cps
Uranium	238-1	1784	1450	1592	1609	10.40	cps
Vanadium	51-2	77	57	77	70	16.49	cps
Yttrium	89-2	1833110	1770545	1900365	1834673	3.54	cps
Yttrium	89-1	15004703	14597871	13921985	14508186	3.77	cps
Zinc	66-2	253	217	237	236	7.79	cps
Zirconium	90-1	2559	2609	2484	2550	2.47	cps

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	CCB043	Instrumnet Name :	P7
Client Sample ID :	CCB043	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 13:51:01	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	592	600	717	636	10.99	cps

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 13:54:31	DataFile Name :	017SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2075	1875	1892	1947	5.70	cps
Antimony	121-1	37768	37560	36123	37150	2.41	cps
Arsenic	75-2	459	459	461	460	0.23	cps
Barium	135-1	28238	28797	27770	28269	1.82	cps
Barium	137-1	46571	48260	47942	47591	1.89	cps
Beryllium	9-1	1245	1095	1195	1178	6.48	cps
Bismuth	209-1	10515328	10242142	9974873	10244115	2.64	cps
Bismuth	209-2	5947368	5776880	6052451	5925567	2.35	cps
Boron	10-1	4493	3851	3709	4017	10.39	cps
Boron	11-1	22492	21241	20281	21338	5.20	cps
Cadmium	106-1	3601	3176	3100	3292	8.19	cps
Cadmium	108-1	163	171	200	178	11.08	cps
Cadmium	111-1	4874	4679	4576	4710	3.21	cps
Calcium	43-1	16026	16368	15392	15929	3.11	cps
Calcium	44-1	270362	272137	269803	270767	0.45	cps
Chromium	52-2	8156	8046	8386	8196	2.12	cps
Cobalt	59-2	5788	5531	6028	5782	4.30	cps
Copper	63-2	10057	10027	10531	10205	2.77	cps
Dysprosium	156-2	3	13	13	10	57.75	cps
Dysprosium	156-1	8	25	0	11	114.58	cps
Erbium	164-1	125	58	125	103	37.45	cps
Erbium	164-2	20	43	30	31	37.62	cps
Gadolinium	160-2	30	27	13	23	37.81	cps
Gadolinium	160-1	58	75	92	75	22.22	cps
Holmium	165-2	8411668	8194087	8563171	8389642	2.21	cps
Holmium	165-1	17469995	17082171	16740994	17097720	2.13	cps
Indium	115-1	13708204	13571449	13192453	13490702	1.98	cps
Indium	115-2	2364364	2316208	2407337	2362637	1.93	cps
Iron	56-2	132593	132526	141246	135455	3.70	cps
Iron	57-2	3334	3328	3206	3289	2.20	cps
Lead	206-1	10727	10643	10588	10653	0.66	cps
Lead	207-1	9409	9026	9265	9233	2.10	cps
Lead	208-1	42550	41866	42077	42164	0.83	cps
Lithium	6-1	899526	869991	849043	872854	2.91	cps
Magnesium	24-2	104824	104615	109197	106212	2.44	cps
Manganese	55-2	1820	1967	2060	1949	6.21	cps

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 13:54:31	DataFile Name :	017SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	24197	25023	25540	24920	2.72	cps
Molybdenum	95-1	29899	30868	31736	30834	2.98	cps
Molybdenum	96-1	33223	33014	33248	33162	0.39	cps
Molybdenum	97-1	18938	19431	19397	19255	1.43	cps
Molybdenum	98-1	46829	48868	48751	48149	2.38	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1447	1553	1550	1517	4.00	cps
Phosphorus	31-2	250	325	325	300	14.43	cps
Potassium	39-2	122569	123301	130639	125503	3.56	cps
Rhodium	103-2	5625864	5443291	5738817	5602657	2.66	cps
Rhodium	103-1	12851177	12582283	12256888	12563449	2.37	cps
Scandium	45-1	8126841	8034109	7809515	7990155	2.04	cps
Scandium	45-2	319902	310161	323306	317790	2.15	cps
Selenium	77-2	40	30	33	34	14.78	cps
Selenium	78-2	206	198	222	209	5.91	cps
Selenium	82-1	1839	1876	1839	1852	1.16	cps
Silicon	28-1	790915	790994	794054	791988	0.23	cps
Silver	109-1	13015	12273	13115	12801	3.60	cps
Silver	107-1	13199	13106	14191	13499	4.45	cps
Sodium	23-2	213138	212771	223072	216327	2.70	cps
Strontium	86-1	4718	4601	4551	4623	1.85	cps
Strontium	88-1	32855	35069	34108	34011	3.26	cps
Sulfur	34-1	265745	267916	267765	267142	0.45	cps
Terbium	159-1	18000972	17753129	17242952	17665684	2.19	cps
Terbium	159-2	8384716	8099366	8433214	8305765	2.17	cps
Thallium	203-1	10788	10496	10780	10688	1.56	cps
Thallium	205-1	27003	26369	27254	26875	1.70	cps
Tin	118-1	48418	48100	48593	48370	0.52	cps
Titanium	47-1	7385	7569	7277	7410	1.99	cps
Uranium	238-1	35926	35391	34940	35419	1.39	cps
Vanadium	51-2	12822	12155	12973	12650	3.44	cps
Yttrium	89-2	1845330	1800389	1883295	1843005	2.25	cps
Yttrium	89-1	14675945	14383582	14103341	14387623	1.99	cps
Zinc	66-2	1183	957	1293	1145	15.00	cps
Zirconium	90-1	19197	19815	18688	19233	2.93	cps

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 13:54:31	DataFile Name :	017SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4192	4201	4526	4306	4.42	cps

LB Number : LB85174 Operator : Jaswal
 Lab Sample ID : PB95739BL Instrumnet Name : P7
 Client Sample ID : PB95739BL Dilution Factor : 1
 Date & Time Acquired :: 2017-01-04 13:58:01 DataFile Name : 018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108	125	67	100	30.05	cps
Antimony	121-1	8920	9095	8753	8923	1.92	cps
Arsenic	75-2	63	56	89	69	25.32	cps
Barium	135-1	92	208	75	125	58.12	cps
Barium	137-1	158	208	183	183	13.64	cps
Beryllium	9-1	106	83	122	104	18.81	cps
Bismuth	209-1	10697792	10198521	9836851	10244388	4.22	cps
Bismuth	209-2	5773723	5674903	5952769	5800465	2.43	cps
Boron	10-1	2159	2175	2017	2117	4.11	cps
Boron	11-1	12064	11580	10612	11419	6.47	cps
Cadmium	106-1	3100	2892	2725	2906	6.47	cps
Cadmium	108-1	13	21	4	13	66.64	cps
Cadmium	111-1	2203	2052	1947	2067	6.24	cps
Calcium	43-1	342	200	225	256	29.59	cps
Calcium	44-1	18171	18596	19297	18688	3.04	cps
Chromium	52-2	1467	1593	1670	1577	6.51	cps
Cobalt	59-2	207	193	177	192	7.82	cps
Copper	63-2	2147	2027	2234	2136	4.86	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Dysprosium	156-1	17	17	17	17	0.00	cps
Erbium	164-1	67	117	58	81	39.16	cps
Erbium	164-2	13	30	7	17	72.11	cps
Gadolinium	160-2	23	17	30	23	28.56	cps
Gadolinium	160-1	25	83	42	50	60.09	cps
Holmium	165-2	8136939	8095291	8377089	8203106	1.85	cps
Holmium	165-1	17527099	16716474	16215167	16819580	3.94	cps
Indium	115-1	13935640	13422969	12924029	13427546	3.77	cps
Indium	115-2	2350228	2261114	2383742	2331695	2.72	cps
Iron	56-2	8453	7074	8025	7851	8.99	cps
Iron	57-2	256	172	178	202	23.08	cps
Lead	206-1	2078	1956	2289	2108	8.00	cps
Lead	207-1	1717	1750	1867	1778	4.43	cps
Lead	208-1	8146	7973	8246	8122	1.70	cps
Lithium	6-1	901804	856996	819371	859390	4.80	cps
Magnesium	24-2	700	517	783	667	20.46	cps
Manganese	55-2	123	73	67	88	35.29	cps

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	PB95739BL	Instrumnet Name :	P7
Client Sample ID :	PB95739BL	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 13:58:01	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1550	1809	2325	1895	20.83	cps
Molybdenum	95-1	2159	2300	2592	2350	9.40	cps
Molybdenum	96-1	2542	2384	2784	2570	7.84	cps
Molybdenum	97-1	1242	1417	1675	1445	15.09	cps
Molybdenum	98-1	3601	3784	4376	3920	10.34	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	70	97	107	91	20.80	cps
Phosphorus	31-2	183	200	150	178	14.32	cps
Potassium	39-2	24521	24722	24538	24593	0.45	cps
Rhodium	103-2	5558599	5384932	5685696	5543076	2.72	cps
Rhodium	103-1	13014317	12280216	11995983	12430172	4.23	cps
Scandium	45-1	8277819	7801000	7628266	7902361	4.26	cps
Scandium	45-2	312426	306457	317486	312123	1.77	cps
Selenium	77-2	7	0	7	4	86.60	cps
Selenium	78-2	63	78	89	77	17.00	cps
Selenium	82-1	1042	1011	1302	1118	14.29	cps
Silicon	28-1	777172	767384	769278	771278	0.67	cps
Silver	109-1	133	142	200	158	22.94	cps
Silver	107-1	217	233	150	200	22.05	cps
Sodium	23-2	18178	17544	17711	17811	1.85	cps
Strontium	86-1	842	867	925	878	4.87	cps
Strontium	88-1	500	367	450	439	15.35	cps
Sulfur	34-1	264167	266553	271353	267358	1.37	cps
Terbium	159-1	18293805	17462233	16794411	17516817	4.29	cps
Terbium	159-2	8187417	7895524	8278022	8120321	2.46	cps
Thallium	203-1	583	433	508	508	14.75	cps
Thallium	205-1	1133	1400	1225	1253	10.82	cps
Tin	118-1	1517	1700	1909	1709	11.47	cps
Titanium	47-1	217	225	192	211	8.22	cps
Uranium	238-1	250	383	400	344	23.87	cps
Vanadium	51-2	40	17	27	28	42.13	cps
Yttrium	89-2	1817273	1775543	1873234	1822017	2.69	cps
Yttrium	89-1	14841872	14385501	13907635	14378336	3.25	cps
Zinc	66-2	230	217	220	222	3.12	cps
Zirconium	90-1	1617	1525	1533	1558	3.25	cps

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	PB95739BL	Instrumnet Name :	P7
Client Sample ID :	PB95739BL	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 13:58:01	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	317	358	417	364	13.80	cps

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	PB95739BS	Instrumnet Name :	P7
Client Sample ID :	PB95739BS	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 14:01:31	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	994542	1021151	1034968	1016887	2.02	cps
Antimony	121-1	5930641	5956712	6042084	5976479	0.98	cps
Arsenic	75-2	196470	201881	204326	200892	2.00	cps
Barium	135-1	7979653	8055061	8093594	8042769	0.72	cps
Barium	137-1	13818578	14009112	13981659	13936450	0.74	cps
Beryllium	9-1	594455	605929	607001	602462	1.15	cps
Bismuth	209-1	10495972	10027540	9700950	10074820	3.97	cps
Bismuth	209-2	6017036	6129008	6013718	6053254	1.08	cps
Boron	10-1	69150	73563	77030	73247	5.39	cps
Boron	11-1	376657	392604	411099	393454	4.38	cps
Cadmium	106-1	154651	155257	158158	156022	1.20	cps
Cadmium	108-1	103180	104250	105225	104218	0.98	cps
Cadmium	111-1	1445221	1454400	1464925	1454849	0.68	cps
Calcium	43-1	1817054	1844972	1853690	1838572	1.04	cps
Calcium	44-1	29201385	29852515	29709884	29587928	1.16	cps
Chromium	52-2	1854020	1887170	1907118	1882770	1.42	cps
Cobalt	59-2	3072394	3161674	3188040	3140702	1.93	cps
Copper	63-2	4461698	4542141	4631776	4545205	1.87	cps
Dysprosium	156-2	43	33	23	33	30.00	cps
Dysprosium	156-1	92	83	133	103	26.06	cps
Erbium	164-1	92	67	117	92	27.27	cps
Erbium	164-2	50	37	33	40	22.05	cps
Gadolinium	160-2	40	43	43	42	4.55	cps
Gadolinium	160-1	83	133	108	108	23.08	cps
Holmium	165-2	8765620	8824452	8741434	8777169	0.49	cps
Holmium	165-1	17653699	17305310	16477433	17145480	3.52	cps
Indium	115-1	13675464	13230496	12619281	13175080	4.02	cps
Indium	115-2	2410536	2441626	2410175	2420779	0.75	cps
Iron	56-2	83057055	84991849	85445038	84497981	1.50	cps
Iron	57-2	2045234	2095411	2102704	2081116	1.50	cps
Lead	206-1	4740935	4814191	4874605	4809910	1.39	cps
Lead	207-1	4160639	4231448	4273563	4221883	1.35	cps
Lead	208-1	19028316	19302857	19488298	19273157	1.20	cps
Lithium	6-1	898585	881359	855882	878609	2.45	cps
Magnesium	24-2	12311801	12762369	12925954	12666708	2.51	cps
Manganese	55-2	1968951	1998819	2021438	1996403	1.32	cps

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	PB95739BS	Instrumnet Name :	P7
Client Sample ID :	PB95739BS	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 14:01:31	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5921388	5920554	6024922	5955621	1.01	cps
Molybdenum	95-1	3133684	3118844	3143541	3132023	0.40	cps
Molybdenum	96-1	3990318	4014251	4014444	4006338	0.35	cps
Molybdenum	97-1	1930793	1936490	1936485	1934590	0.17	cps
Molybdenum	98-1	5041459	5076532	5077232	5065075	0.40	cps
Neodymium	150-1	300	353	427	360	17.67	cps
Neodymium	150-2	30	60	63	51	35.92	cps
Nickel	60-2	809919	827439	843307	826889	2.02	cps
Phosphorus	31-2	52201	52728	53999	52976	1.74	cps
Potassium	39-2	6532241	6724594	6757884	6671573	1.83	cps
Rhodium	103-2	5700749	5768168	5682405	5717107	0.79	cps
Rhodium	103-1	12467850	12046360	11642293	12052168	3.43	cps
Scandium	45-1	8136116	7990030	7745409	7957185	2.48	cps
Scandium	45-2	333497	338774	331583	334618	1.11	cps
Selenium	77-2	3380	3554	3904	3613	7.38	cps
Selenium	78-2	12259	12468	12454	12394	0.94	cps
Selenium	82-1	88295	88986	88450	88577	0.41	cps
Silicon	28-1	3715352	3767899	3863356	3782202	1.98	cps
Silver	109-1	7139758	7256923	7228615	7208432	0.85	cps
Silver	107-1	7462883	7527105	7549465	7513151	0.60	cps
Sodium	23-2	23234740	24072405	24133686	23813610	2.11	cps
Strontium	86-1	2089847	2095454	2107964	2097755	0.44	cps
Strontium	88-1	18266472	18337308	18375448	18326409	0.30	cps
Sulfur	34-1	772261	777206	786858	778775	0.95	cps
Terbium	159-1	18364002	17835794	17121065	17773620	3.51	cps
Terbium	159-2	8646839	8818869	8624757	8696822	1.22	cps
Thallium	203-1	5951328	6009486	6058888	6006568	0.90	cps
Thallium	205-1	14281718	14343919	14406050	14343896	0.43	cps
Tin	118-1	5229474	5289095	5326609	5281726	0.93	cps
Titanium	47-1	845329	856575	854995	852300	0.71	cps
Uranium	238-1	19900318	19666155	20291236	19952570	1.58	cps
Vanadium	51-2	1529893	1561977	1576672	1556181	1.54	cps
Yttrium	89-2	1925890	1961517	1922375	1936594	1.12	cps
Yttrium	89-1	14952696	14484473	13881183	14439450	3.72	cps
Zinc	66-2	524372	538135	549498	537335	2.34	cps
Zirconium	90-1	11186977	11344468	11351724	11294390	0.82	cps

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	PB95739BS	Instrumnet Name :	P7
Client Sample ID :	PB95739BS	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 14:01:31	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2461752	2497028	2512932	2490571	1.05	cps

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	H6161-01A	Instrumnet Name :	P7
Client Sample ID :	MYA998A	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 14:04:55	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4393179	4418355	4364335	4391956	0.62	cps
Antimony	121-1	63804	59176	58765	60582	4.62	cps
Arsenic	75-2	9529	9770	9987	9762	2.35	cps
Barium	135-1	2227461	2186713	2185686	2199953	1.08	cps
Barium	137-1	3877104	3844136	3821897	3847713	0.72	cps
Beryllium	9-1	2645	2584	2606	2611	1.18	cps
Bismuth	209-1	10229816	10074102	10037405	10113775	1.01	cps
Bismuth	209-2	6455672	6661257	6621138	6579356	1.66	cps
Boron	10-1	11964	10779	10212	10985	8.14	cps
Boron	11-1	61091	56649	54441	57393	5.90	cps
Cadmium	106-1	3459	3842	3534	3612	5.63	cps
Cadmium	108-1	317	313	300	310	2.80	cps
Cadmium	111-1	5112	5755	5527	5465	5.96	cps
Calcium	43-1	716262	714718	721223	717401	0.47	cps
Calcium	44-1	11758443	11653192	11580376	11664004	0.77	cps
Chromium	52-2	724989	736544	726860	729464	0.85	cps
Cobalt	59-2	360148	360543	359032	359908	0.22	cps
Copper	63-2	530032	533459	535571	533020	0.52	cps
Dysprosium	156-2	54913	55334	54411	54886	0.84	cps
Dysprosium	156-1	106680	107655	105974	106770	0.79	cps
Erbium	164-1	102265	101324	102081	101890	0.49	cps
Erbium	164-2	54525	54545	54257	54442	0.30	cps
Gadolinium	160-2	63426	64926	63413	63922	1.36	cps
Gadolinium	160-1	103809	106454	106345	105536	1.42	cps
Holmium	165-2	9323009	9270960	9316295	9303421	0.30	cps
Holmium	165-1	16901496	16866265	16737613	16835125	0.51	cps
Indium	115-1	13088704	13143867	13017709	13083427	0.48	cps
Indium	115-2	2582310	2586024	2585542	2584625	0.08	cps
Iron	56-2	327525685	327085574	325792774	326801344	0.28	cps
Iron	57-2	8229172	8258974	8176987	8221711	0.50	cps
Lead	206-1	320772	323619	320524	321638	0.53	cps
Lead	207-1	256457	258926	257289	257557	0.49	cps
Lead	208-1	1217359	1223680	1215872	1218970	0.34	cps
Lithium	6-1	881617	885915	889785	885772	0.46	cps
Magnesium	24-2	8054417	8060812	7887872	8001034	1.23	cps
Manganese	55-2	7726301	7726487	7643141	7698643	0.62	cps

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	H6161-01A	Instrumnet Name :	P7
Client Sample ID :	MYA998A	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 14:04:55	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	30525	30500	31219	30748	1.33	cps
Molybdenum	95-1	13849	14892	17036	15259	10.65	cps
Molybdenum	96-1	22193	23495	24088	23259	4.17	cps
Molybdenum	97-1	8520	9920	10146	9529	9.25	cps
Molybdenum	98-1	23195	23370	25683	24082	5.77	cps
Neodymium	150-1	158893	157800	158170	158288	0.35	cps
Neodymium	150-2	67002	66905	67357	67088	0.35	cps
Nickel	60-2	557309	559759	559859	558976	0.26	cps
Phosphorus	31-2	12489	12873	12898	12753	1.80	cps
Potassium	39-2	796387	792790	793670	794282	0.24	cps
Rhodium	103-2	6130258	6088701	6092822	6103927	0.38	cps
Rhodium	103-1	11901157	11836296	11797361	11844938	0.44	cps
Scandium	45-1	8165126	8099291	8150232	8138217	0.42	cps
Scandium	45-2	361053	365622	364374	363683	0.65	cps
Selenium	77-2	340	287	300	309	8.99	cps
Selenium	78-2	557	520	483	520	7.12	cps
Selenium	82-1	3147	2993	3059	3066	2.51	cps
Silicon	28-1	47529629	46776634	46773061	47026442	0.93	cps
Silver	109-1	5676	5968	6135	5927	3.92	cps
Silver	107-1	6243	6410	6060	6238	2.81	cps
Sodium	23-2	387036	391352	384681	387690	0.87	cps
Strontium	86-1	591540	587742	585551	588278	0.52	cps
Strontium	88-1	5188295	5212314	5207735	5202781	0.25	cps
Sulfur	34-1	278124	275368	276723	276738	0.50	cps
Terbium	159-1	17556760	17366311	17216458	17379843	0.98	cps
Terbium	159-2	9210128	9328078	9289976	9276061	0.65	cps
Thallium	203-1	8712	6652	5201	6855	25.73	cps
Thallium	205-1	20459	16377	12048	16295	25.81	cps
Tin	118-1	14391	15075	14867	14778	2.37	cps
Titanium	47-1	596988	606446	593932	599122	1.09	cps
Uranium	238-1	65333	65542	64337	65070	0.99	cps
Vanadium	51-2	476748	483311	478704	479588	0.70	cps
Yttrium	89-2	2250990	2258875	2244019	2251294	0.33	cps
Yttrium	89-1	15513351	15595736	15419134	15509407	0.57	cps
Zinc	66-2	119195	119894	120035	119708	0.38	cps
Zirconium	90-1	61164	61433	60587	61061	0.71	cps

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	H6161-01A	Instrumnet Name :	P7
Client Sample ID :	MYA998A	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 14:04:55	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	13849	13432	12664	13315	4.51	cps

LB Number : LB85174 Operator : Jaswal
 Lab Sample ID : H6208-01 Instrumnet Name : P7
 Client Sample ID : WP021MW463-161220 Dilution Factor : 1
 Date & Time Acquired :: 2017-01-04 14:08:24 DataFile Name : 021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8211	8553	8745	8503	3.18	cps
Antimony	121-1	70913	73259	78771	74314	5.43	cps
Arsenic	75-2	887	832	813	844	4.57	cps
Barium	135-1	374336	374110	378005	375484	0.58	cps
Barium	137-1	654311	659375	662208	658631	0.61	cps
Beryllium	9-1	178	133	111	141	24.12	cps
Bismuth	209-1	10652542	10351435	10329877	10444618	1.73	cps
Bismuth	209-2	6099427	6009258	6003000	6037228	0.89	cps
Boron	10-1	40789	41366	41491	41215	0.91	cps
Boron	11-1	219423	224073	226787	223428	1.67	cps
Cadmium	106-1	2392	2634	2417	2481	5.36	cps
Cadmium	108-1	104	71	63	79	27.85	cps
Cadmium	111-1	2668	2557	2257	2494	8.54	cps
Calcium	43-1	5275582	5253153	5370219	5299651	1.17	cps
Calcium	44-1	85519869	85007716	85395323	85307636	0.31	cps
Chromium	52-2	291581	293913	290171	291888	0.65	cps
Cobalt	59-2	9470	9483	9360	9438	0.72	cps
Copper	63-2	55963	55846	54789	55533	1.16	cps
Dysprosium	156-2	253	217	283	251	13.30	cps
Dysprosium	156-1	517	342	400	419	21.24	cps
Erbium	164-1	408	483	483	458	9.45	cps
Erbium	164-2	247	207	247	233	9.90	cps
Gadolinium	160-2	227	280	383	297	26.85	cps
Gadolinium	160-1	433	417	450	433	3.85	cps
Holmium	165-2	8209379	8088222	8123293	8140298	0.77	cps
Holmium	165-1	15014151	15287381	15358753	15220095	1.20	cps
Indium	115-1	12745710	12424153	12426392	12532085	1.48	cps
Indium	115-2	2277894	2259671	2260200	2265922	0.46	cps
Iron	56-2	597100	587201	594517	592939	0.87	cps
Iron	57-2	15486	15286	15319	15364	0.70	cps
Lead	206-1	10243	9170	8809	9407	7.93	cps
Lead	207-1	8631	7964	6969	7854	10.65	cps
Lead	208-1	40414	36159	33746	36773	9.18	cps
Lithium	6-1	1103377	1156628	1181892	1147299	3.49	cps
Magnesium	24-2	2828476	2769256	2801075	2799603	1.06	cps
Manganese	55-2	546056	543571	539545	543057	0.61	cps

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	H6208-01	Instrumnet Name :	P7
Client Sample ID :	WP021MW463-161220	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 14:08:24	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	11113	11722	12064	11633	4.14	cps
Molybdenum	95-1	14641	15943	16160	15581	5.27	cps
Molybdenum	96-1	15776	17244	17161	16727	4.93	cps
Molybdenum	97-1	9337	9462	10187	9662	4.75	cps
Molybdenum	98-1	27510	28546	27753	27936	1.94	cps
Neodymium	150-1	660	773	833	756	11.65	cps
Neodymium	150-2	367	327	240	311	20.81	cps
Nickel	60-2	3581	3661	3664	3635	1.30	cps
Phosphorus	31-2	258	258	250	256	1.88	cps
Potassium	39-2	2009877	2018861	1996157	2008298	0.57	cps
Rhodium	103-2	5216340	5196428	5201738	5204835	0.20	cps
Rhodium	103-1	10361095	10314243	10212180	10295840	0.74	cps
Scandium	45-1	6576819	6577613	6541231	6565221	0.32	cps
Scandium	45-2	290378	291839	290794	291004	0.26	cps
Selenium	77-2	43	40	47	43	7.70	cps
Selenium	78-2	131	146	150	143	6.87	cps
Selenium	82-1	1262	1097	1173	1177	7.05	cps
Silicon	28-1	41045479	41072199	40934219	41017299	0.18	cps
Silver	109-1	4718	4234	4134	4362	7.15	cps
Silver	107-1	5151	4493	4459	4701	8.30	cps
Sodium	23-2	25009822	24488338	24659097	24719086	1.08	cps
Strontium	86-1	3040143	3008205	3023964	3024104	0.53	cps
Strontium	88-1	26576440	26351618	26370113	26432724	0.47	cps
Sulfur	34-1	2140552	2129067	2118126	2129249	0.53	cps
Terbium	159-1	15544148	15548878	15652755	15581927	0.39	cps
Terbium	159-2	8221036	8164266	8065044	8150115	0.97	cps
Thallium	203-1	1308	1200	900	1136	18.62	cps
Thallium	205-1	3226	2559	2234	2673	18.92	cps
Tin	118-1	39866	39766	40167	39933	0.52	cps
Titanium	47-1	2792	2825	3234	2951	8.34	cps
Uranium	238-1	69505	69110	70216	69611	0.81	cps
Vanadium	51-2	5438	5818	6011	5756	5.07	cps
Yttrium	89-2	1691022	1686139	1680654	1685938	0.31	cps
Yttrium	89-1	12209245	12039548	12244559	12164451	0.90	cps
Zinc	66-2	8846	9176	9320	9114	2.66	cps
Zirconium	90-1	7686	7903	7586	7725	2.10	cps

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	H6208-01	Instrumnet Name :	P7
Client Sample ID :	WP021MW463-161220	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 14:08:24	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1850	1809	1508	1722	10.82	cps

LB Number : LB85174 Operator : Jaswal
 Lab Sample ID : H6208-01DLX20 Instrumnet Name : P7
 Client Sample ID : WP021MW463-161220D Dilution Factor : 20
 Date & Time Acquired :: 2017-01-04 14:11:53 DataFile Name : 022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	567	608	700	625	10.91	cps
Antimony	121-1	4884	5260	5418	5187	5.28	cps
Arsenic	75-2	89	91	117	99	15.73	cps
Barium	135-1	19932	19957	19556	19815	1.13	cps
Barium	137-1	34502	33759	34728	34330	1.48	cps
Beryllium	9-1	106	83	100	96	12.01	cps
Bismuth	209-1	9966133	10062819	10101999	10043650	0.70	cps
Bismuth	209-2	6277416	6316478	6297327	6297074	0.31	cps
Boron	10-1	4784	4593	4868	4748	2.97	cps
Boron	11-1	27067	26040	25105	26071	3.76	cps
Cadmium	106-1	2850	2442	2709	2667	7.78	cps
Cadmium	108-1	13	13	4	10	49.46	cps
Cadmium	111-1	2041	1830	1943	1938	5.45	cps
Calcium	43-1	273235	279808	272020	275021	1.52	cps
Calcium	44-1	4508398	4521415	4470637	4500150	0.59	cps
Chromium	52-2	17397	17507	17771	17558	1.09	cps
Cobalt	59-2	670	540	737	649	15.41	cps
Copper	63-2	6828	6875	6712	6805	1.24	cps
Dysprosium	156-2	27	13	10	17	52.93	cps
Dysprosium	156-1	42	33	17	31	41.66	cps
Erbium	164-1	108	92	83	94	13.48	cps
Erbium	164-2	33	37	40	37	9.10	cps
Gadolinium	160-2	57	43	50	50	13.34	cps
Gadolinium	160-1	67	50	50	56	17.32	cps
Holmium	165-2	8932606	8917588	8884262	8911485	0.28	cps
Holmium	165-1	16330978	16294507	16431577	16352354	0.43	cps
Indium	115-1	12790878	12661202	12712665	12721582	0.51	cps
Indium	115-2	2447877	2450759	2446203	2448279	0.09	cps
Iron	56-2	38055	38055	39844	38651	2.67	cps
Iron	57-2	872	928	956	919	4.62	cps
Lead	206-1	1834	1589	1633	1685	7.73	cps
Lead	207-1	1517	1467	1378	1454	4.84	cps
Lead	208-1	6840	6256	6284	6460	5.09	cps
Lithium	6-1	871372	864056	866360	867263	0.43	cps
Magnesium	24-2	148043	150676	152124	150281	1.38	cps
Manganese	55-2	29440	29864	29413	29572	0.86	cps

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	H6208-01DLX20	Instrumnet Name :	P7
Client Sample ID :	WP021MW463-161220D	Dilution Factor :	20
Date & Time Acquired ::	2017-01-04 14:11:53	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1525	1609	1900	1678	11.74	cps
Molybdenum	95-1	2067	2217	2767	2350	15.68	cps
Molybdenum	96-1	2025	2659	3100	2595	20.83	cps
Molybdenum	97-1	1275	1417	1725	1472	15.63	cps
Molybdenum	98-1	3217	3942	4009	3723	11.80	cps
Neodymium	150-1	53	60	47	53	12.50	cps
Neodymium	150-2	20	7	20	16	49.47	cps
Nickel	60-2	267	303	350	307	13.62	cps
Phosphorus	31-2	175	208	158	181	14.10	cps
Potassium	39-2	129453	130183	130471	130035	0.40	cps
Rhodium	103-2	5908803	5899357	5901920	5903360	0.08	cps
Rhodium	103-1	11542817	11697690	11442042	11560849	1.11	cps
Scandium	45-1	7078407	7087591	6985900	7050633	0.80	cps
Scandium	45-2	324951	323718	322156	323608	0.43	cps
Selenium	77-2	7	7	3	6	34.70	cps
Selenium	78-2	85	93	93	90	4.74	cps
Selenium	82-1	732	655	846	744	12.93	cps
Silicon	28-1	3519030	3500604	3516506	3512047	0.28	cps
Silver	109-1	858	950	750	853	11.74	cps
Silver	107-1	900	1083	942	975	9.86	cps
Sodium	23-2	1316735	1316767	1342322	1325275	1.11	cps
Strontium	86-1	158795	159114	160707	159539	0.64	cps
Strontium	88-1	1398471	1385788	1381740	1388666	0.63	cps
Sulfur	34-1	349801	349156	347956	348971	0.27	cps
Terbium	159-1	16855506	16969632	16888959	16904699	0.35	cps
Terbium	159-2	8821194	8866439	8773462	8820365	0.53	cps
Thallium	203-1	192	242	192	208	13.86	cps
Thallium	205-1	542	550	558	550	1.52	cps
Tin	118-1	2275	2342	2375	2331	2.18	cps
Titanium	47-1	408	342	450	400	13.67	cps
Uranium	238-1	4268	3917	3892	4026	5.21	cps
Vanadium	51-2	317	363	340	340	6.86	cps
Yttrium	89-2	1877936	1884150	1893917	1885335	0.43	cps
Yttrium	89-1	13176530	13106826	13079275	13120877	0.38	cps
Zinc	66-2	1477	1563	1447	1496	4.05	cps
Zirconium	90-1	1242	1108	1233	1195	6.25	cps

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	H6208-01DLX20	Instrumnet Name :	P7
Client Sample ID :	WP021MW463-161220D	Dilution Factor :	20
Date & Time Acquired ::	2017-01-04 14:11:53	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	217	292	275	261	15.08	cps

LB Number : LB85174 Operator : Jaswal
 Lab Sample ID : H6208-01DUP Instrumnet Name : P7
 Client Sample ID : WP021MW463-161220D Dilution Factor : 1
 Date & Time Acquired :: 2017-01-04 14:15:24 DataFile Name : 023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8094	8695	8178	8322	3.91	cps
Antimony	121-1	36899	40267	41404	39523	5.93	cps
Arsenic	75-2	648	593	609	617	4.62	cps
Barium	135-1	368557	367417	368368	368114	0.17	cps
Barium	137-1	638887	637628	643580	640032	0.49	cps
Beryllium	9-1	122	122	100	115	11.18	cps
Bismuth	209-1	9735022	9568341	9794636	9699333	1.21	cps
Bismuth	209-2	5770728	5768288	5813337	5784117	0.44	cps
Boron	10-1	37364	38868	39862	38698	3.25	cps
Boron	11-1	205583	209552	219283	211472	3.33	cps
Cadmium	106-1	2417	2375	2342	2378	1.58	cps
Cadmium	108-1	25	46	25	32	37.65	cps
Cadmium	111-1	1929	1910	1801	1880	3.66	cps
Calcium	43-1	5058548	4997371	5002313	5019411	0.68	cps
Calcium	44-1	80911377	80345437	80077658	80444824	0.53	cps
Chromium	52-2	277441	278953	284042	280145	1.23	cps
Cobalt	59-2	8916	9143	9040	9033	1.26	cps
Copper	63-2	34170	36125	35286	35194	2.79	cps
Dysprosium	156-2	233	180	223	212	13.36	cps
Dysprosium	156-1	492	542	408	481	14.02	cps
Erbium	164-1	400	392	442	411	6.52	cps
Erbium	164-2	270	260	213	248	12.21	cps
Gadolinium	160-2	317	250	270	279	12.27	cps
Gadolinium	160-1	433	458	425	439	3.95	cps
Holmium	165-2	8038878	8069823	8043754	8050818	0.21	cps
Holmium	165-1	15155096	15172689	15307729	15211838	0.55	cps
Indium	115-1	11819027	11743780	11713107	11758638	0.46	cps
Indium	115-2	2143821	2138524	2161840	2148062	0.57	cps
Iron	56-2	554232	555206	558038	555825	0.36	cps
Iron	57-2	14719	14758	13918	14465	3.28	cps
Lead	206-1	6485	6224	6074	6261	3.33	cps
Lead	207-1	5568	5229	4879	5225	6.59	cps
Lead	208-1	24732	24259	23203	24065	3.25	cps
Lithium	6-1	1067962	1089598	1092614	1083391	1.24	cps
Magnesium	24-2	2669587	2696316	2719010	2694971	0.92	cps
Manganese	55-2	521499	521654	524378	522510	0.31	cps

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	H6208-01DUP	Instrumnet Name :	P7
Client Sample ID :	WP021MW463-161220D	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 14:15:24	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	9128	9820	9337	9429	3.77	cps
Molybdenum	95-1	11872	12823	13048	12581	4.96	cps
Molybdenum	96-1	13607	13949	14007	13855	1.56	cps
Molybdenum	97-1	8153	8278	7894	8108	2.41	cps
Molybdenum	98-1	22026	22418	23228	22558	2.72	cps
Neodymium	150-1	653	693	627	658	5.10	cps
Neodymium	150-2	303	317	237	286	15.01	cps
Nickel	60-2	3477	3584	3621	3560	2.09	cps
Phosphorus	31-2	275	275	242	264	7.29	cps
Potassium	39-2	1893321	1898059	1903116	1898165	0.26	cps
Rhodium	103-2	5080229	5037404	5111543	5076392	0.73	cps
Rhodium	103-1	10007559	9971191	10036917	10005222	0.33	cps
Scandium	45-1	6270095	6234250	6166448	6223598	0.85	cps
Scandium	45-2	278302	280072	279384	279253	0.32	cps
Selenium	77-2	40	10	13	21	77.90	cps
Selenium	78-2	148	128	157	144	10.49	cps
Selenium	82-1	1145	1238	1049	1144	8.28	cps
Silicon	28-1	39391561	38652878	38890498	38978312	0.97	cps
Silver	109-1	3184	2725	2725	2878	9.20	cps
Silver	107-1	3167	3000	2884	3017	4.72	cps
Sodium	23-2	23639824	23451932	23717672	23603143	0.58	cps
Strontium	86-1	2905155	2898462	2878288	2893968	0.48	cps
Strontium	88-1	25756256	25436237	25261277	25484590	0.98	cps
Sulfur	34-1	2016608	1995547	1993070	2001742	0.65	cps
Terbium	159-1	15413928	15583521	15472771	15490073	0.56	cps
Terbium	159-2	7919702	7925800	7952408	7932636	0.22	cps
Thallium	203-1	425	367	392	394	7.42	cps
Thallium	205-1	975	933	892	933	4.46	cps
Tin	118-1	31353	30659	31645	31219	1.62	cps
Titanium	47-1	2650	2534	7749	4311	69.08	cps
Uranium	238-1	68397	69788	69898	69361	1.21	cps
Vanadium	51-2	5118	5398	5508	5341	3.77	cps
Yttrium	89-2	1612683	1631587	1613814	1619362	0.65	cps
Yttrium	89-1	11785421	11698320	11560023	11681255	0.97	cps
Zinc	66-2	7609	7949	7909	7822	2.38	cps
Zirconium	90-1	5876	5818	5760	5818	1.00	cps

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	H6208-01DUP	Instrumnet Name :	P7
Client Sample ID :	WP021MW463-161220D	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 14:15:24	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1258	1225	1050	1178	9.50	cps

LB Number : LB85174 Operator : Jaswal
 Lab Sample ID : H6208-01DUPDLX20 Instrumnet Name : P7
 Client Sample ID : WP021MW463-161220D Dilution Factor : 20
 Date & Time Acquired :: 2017-01-04 14:18:53 DataFile Name : 024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	542	567	575	561	3.09	cps
Antimony	121-1	3467	2800	3351	3206	11.11	cps
Arsenic	75-2	93	72	87	84	12.54	cps
Barium	135-1	20307	19990	19940	20079	0.99	cps
Barium	137-1	33901	34344	35187	34477	1.90	cps
Beryllium	9-1	150	100	72	107	36.70	cps
Bismuth	209-1	10144964	10134302	10072227	10117164	0.39	cps
Bismuth	209-2	6241568	6280379	6411809	6311252	1.41	cps
Boron	10-1	5068	4618	4609	4765	5.51	cps
Boron	11-1	24537	23694	23845	24025	1.87	cps
Cadmium	106-1	2634	2525	2742	2634	4.11	cps
Cadmium	108-1	13	13	13	13	0.00	cps
Cadmium	111-1	1893	1801	1982	1892	4.78	cps
Calcium	43-1	271917	268980	269650	270183	0.57	cps
Calcium	44-1	4468526	4445522	4417463	4443837	0.58	cps
Chromium	52-2	16980	17033	17230	17081	0.77	cps
Cobalt	59-2	603	663	627	631	4.79	cps
Copper	63-2	5424	5251	5001	5225	4.07	cps
Dysprosium	156-2	17	7	27	17	59.99	cps
Dysprosium	156-1	8	8	42	19	99.00	cps
Erbium	164-1	83	92	50	75	29.40	cps
Erbium	164-2	13	50	40	34	55.04	cps
Gadolinium	160-2	40	43	47	43	7.70	cps
Gadolinium	160-1	67	58	100	75	29.40	cps
Holmium	165-2	8700168	8824705	8777115	8767329	0.72	cps
Holmium	165-1	16464899	16357604	16354246	16392250	0.38	cps
Indium	115-1	12599084	12450443	12545261	12531596	0.60	cps
Indium	115-2	2387433	2406702	2426159	2406765	0.80	cps
Iron	56-2	36279	37287	37058	36875	1.43	cps
Iron	57-2	950	1028	983	987	3.95	cps
Lead	206-1	1578	1367	1589	1511	8.29	cps
Lead	207-1	1106	1195	1350	1217	10.17	cps
Lead	208-1	5917	5717	5862	5832	1.77	cps
Lithium	6-1	838490	841344	829272	836369	0.75	cps
Magnesium	24-2	147143	147015	147141	147100	0.05	cps
Manganese	55-2	28788	29122	29316	29076	0.92	cps

LB Number : LB85174 Operator : Jaswal
 Lab Sample ID : H6208-01DUPDLX20 Instrumnet Name : P7
 Client Sample ID : WP021MW463-161220D Dilution Factor : 20
 Date & Time Acquired :: 2017-01-04 14:18:53 DataFile Name : 024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1233	1283	1367	1295	5.20	cps
Molybdenum	95-1	1392	1525	1675	1531	9.26	cps
Molybdenum	96-1	1467	1625	1850	1647	11.70	cps
Molybdenum	97-1	850	1142	1167	1053	16.72	cps
Molybdenum	98-1	2034	2667	2725	2475	15.50	cps
Neodymium	150-1	33	27	7	22	62.43	cps
Neodymium	150-2	17	13	23	18	28.64	cps
Nickel	60-2	327	263	253	281	14.15	cps
Phosphorus	31-2	117	250	92	153	55.72	cps
Potassium	39-2	125645	125478	124368	125164	0.55	cps
Rhodium	103-2	5773259	5838078	5885503	5832280	0.97	cps
Rhodium	103-1	11383047	11463875	11487172	11444698	0.48	cps
Scandium	45-1	7018851	6945253	6986193	6983432	0.53	cps
Scandium	45-2	314709	316032	315649	315463	0.22	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	76	74	85	78	7.59	cps
Selenium	82-1	857	928	808	864	7.01	cps
Silicon	28-1	3435304	3418904	3444799	3433002	0.38	cps
Silver	109-1	742	792	733	756	4.18	cps
Silver	107-1	808	842	825	825	2.02	cps
Sodium	23-2	1298924	1302585	1296858	1299456	0.22	cps
Strontium	86-1	156934	157429	159021	157795	0.69	cps
Strontium	88-1	1363844	1371446	1382626	1372639	0.69	cps
Sulfur	34-1	337775	340025	340558	339453	0.44	cps
Terbium	159-1	17032979	16825581	16890626	16916395	0.63	cps
Terbium	159-2	8711907	8683417	8620956	8672093	0.54	cps
Thallium	203-1	158	117	92	122	27.56	cps
Thallium	205-1	417	275	292	328	23.62	cps
Tin	118-1	1742	1750	2025	1839	8.77	cps
Titanium	47-1	442	408	325	392	15.34	cps
Uranium	238-1	3567	3926	3809	3767	4.85	cps
Vanadium	51-2	363	310	307	327	9.73	cps
Yttrium	89-2	1843924	1844312	1864714	1850983	0.64	cps
Yttrium	89-1	13046140	12928112	12989271	12987841	0.45	cps
Zinc	66-2	1200	1307	1143	1217	6.82	cps
Zirconium	90-1	1208	1117	933	1086	12.89	cps

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	H6208-01DUPDLX20	Instrumnet Name :	P7
Client Sample ID :	WP021MW463-161220D	Dilution Factor :	20
Date & Time Acquired ::	2017-01-04 14:18:53	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	183	292	225	233	23.42	cps

LB Number : LB85174 Operator : Jaswal
 Lab Sample ID : H6208-01LX5 Instrumnet Name : P7
 Client Sample ID : WP021MW463-161220L Dilution Factor : 5
 Date & Time Acquired :: 2017-01-04 14:22:24 DataFile Name : 025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1775	1684	1975	1811	8.24	cps
Antimony	121-1	6694	6260	6368	6441	3.50	cps
Arsenic	75-2	185	161	161	169	8.22	cps
Barium	135-1	75715	76947	76218	76293	0.81	cps
Barium	137-1	133276	133403	133174	133284	0.09	cps
Beryllium	9-1	61	139	50	83	58.12	cps
Bismuth	209-1	9907678	10130951	10038928	10025853	1.12	cps
Bismuth	209-2	6136045	6092046	6171543	6133211	0.65	cps
Boron	10-1	8753	8494	8478	8575	1.80	cps
Boron	11-1	46030	47609	48897	47512	3.02	cps
Cadmium	106-1	2542	2542	2434	2506	2.50	cps
Cadmium	108-1	8	4	21	11	78.05	cps
Cadmium	111-1	1874	1901	1793	1856	3.03	cps
Calcium	43-1	1056445	1047037	1050253	1051245	0.45	cps
Calcium	44-1	17010407	17015234	16876394	16967345	0.46	cps
Chromium	52-2	60725	61304	61812	61280	0.89	cps
Cobalt	59-2	1927	2037	2054	2006	3.43	cps
Copper	63-2	9667	9423	9403	9498	1.54	cps
Dysprosium	156-2	30	73	40	48	47.50	cps
Dysprosium	156-1	75	67	92	78	16.37	cps
Erbium	164-1	100	108	100	103	4.68	cps
Erbium	164-2	57	73	50	60	20.04	cps
Gadolinium	160-2	87	73	80	80	8.34	cps
Gadolinium	160-1	142	142	117	133	10.83	cps
Holmium	165-2	8591970	8540990	8661703	8598221	0.70	cps
Holmium	165-1	15904489	16054357	15877611	15945485	0.60	cps
Indium	115-1	12279225	12314146	12346750	12313374	0.27	cps
Indium	115-2	2332901	2314858	2328431	2325397	0.40	cps
Iron	56-2	124031	121011	123117	122720	1.26	cps
Iron	57-2	3501	2873	3134	3169	9.95	cps
Lead	206-1	1967	2039	1906	1971	3.39	cps
Lead	207-1	1789	1583	1761	1711	6.52	cps
Lead	208-1	7818	7623	7935	7792	2.02	cps
Lithium	6-1	832604	842581	840570	838585	0.63	cps
Magnesium	24-2	576079	565541	578825	573482	1.22	cps
Manganese	55-2	110082	112022	112113	111406	1.03	cps

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	H6208-01LX5	Instrumnet Name :	P7
Client Sample ID :	WP021MW463-161220L	Dilution Factor :	5
Date & Time Acquired ::	2017-01-04 14:22:24	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2109	2434	2525	2356	9.30	cps
Molybdenum	95-1	2842	3167	3409	3139	9.06	cps
Molybdenum	96-1	3167	3451	3709	3442	7.87	cps
Molybdenum	97-1	1734	1950	1984	1889	7.19	cps
Molybdenum	98-1	5093	5535	5668	5432	5.54	cps
Neodymium	150-1	180	153	113	149	22.54	cps
Neodymium	150-2	60	57	57	58	3.33	cps
Nickel	60-2	753	787	763	768	2.23	cps
Phosphorus	31-2	150	225	100	158	39.74	cps
Potassium	39-2	422001	421264	424396	422554	0.39	cps
Rhodium	103-2	5670970	5635379	5692942	5666430	0.51	cps
Rhodium	103-1	11072672	10983938	10907934	10988181	0.75	cps
Scandium	45-1	6756885	6804017	6764697	6775199	0.37	cps
Scandium	45-2	304508	306322	307238	306023	0.45	cps
Selenium	77-2	17	17	0	11	86.60	cps
Selenium	78-2	65	89	83	79	15.95	cps
Selenium	82-1	882	905	1062	950	10.33	cps
Silicon	28-1	8833131	8775638	8678946	8762572	0.89	cps
Silver	109-1	983	992	1183	1053	10.75	cps
Silver	107-1	1000	1083	1025	1036	4.13	cps
Sodium	23-2	5049504	4998238	4975839	5007860	0.75	cps
Strontium	86-1	608290	611013	600854	606719	0.87	cps
Strontium	88-1	5355236	5393445	5321593	5356758	0.67	cps
Sulfur	34-1	621236	620267	620667	620723	0.08	cps
Terbium	159-1	16317287	16469716	16326270	16371091	0.52	cps
Terbium	159-2	8451788	8527994	8513319	8497700	0.48	cps
Thallium	203-1	133	217	225	192	26.45	cps
Thallium	205-1	417	392	317	375	13.88	cps
Tin	118-1	4059	4693	4359	4370	7.25	cps
Titanium	47-1	775	742	683	733	6.33	cps
Uranium	238-1	14350	14459	14559	14456	0.72	cps
Vanadium	51-2	1163	1297	1103	1188	8.33	cps
Yttrium	89-2	1795484	1788359	1787999	1790614	0.24	cps
Yttrium	89-1	12543702	12817366	12432502	12597857	1.57	cps
Zinc	66-2	1997	1990	1900	1962	2.75	cps
Zirconium	90-1	1650	1875	1784	1770	6.39	cps

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	H6208-01LX5	Instrumnet Name :	P7
Client Sample ID :	WP021MW463-161220L	Dilution Factor :	5
Date & Time Acquired ::	2017-01-04 14:22:24	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	283	308	350	314	10.73	cps

LB Number : LB85174 Operator : Jaswal
 Lab Sample ID : H6208-01LDLX100 Instrumnet Name : P7
 Client Sample ID : WP021MW463-161220LI Dilution Factor : 100
 Date & Time Acquired :: 2017-01-04 14:25:52 DataFile Name : 026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	150	158	225	178	23.12	cps
Antimony	121-1	1217	1425	1525	1389	11.33	cps
Arsenic	75-2	48	50	33	44	20.85	cps
Barium	135-1	3901	3884	3817	3867	1.14	cps
Barium	137-1	6452	6360	6702	6505	2.72	cps
Beryllium	9-1	89	100	94	94	5.88	cps
Bismuth	209-1	9888346	10076621	10015753	9993573	0.96	cps
Bismuth	209-2	6213984	6271203	6255885	6247024	0.47	cps
Boron	10-1	1667	1717	1617	1667	3.00	cps
Boron	11-1	9520	9370	9028	9306	2.71	cps
Cadmium	106-1	2625	2442	2559	2542	3.65	cps
Cadmium	108-1	17	4	8	10	65.47	cps
Cadmium	111-1	1855	1727	1814	1799	3.63	cps
Calcium	43-1	53355	52803	53172	53110	0.53	cps
Calcium	44-1	865981	867361	864642	865994	0.16	cps
Chromium	52-2	4931	4784	4964	4893	1.96	cps
Cobalt	59-2	190	190	230	203	11.36	cps
Copper	63-2	3294	2904	3320	3173	7.35	cps
Dysprosium	156-2	3	13	3	7	86.65	cps
Dysprosium	156-1	0	33	8	14	124.91	cps
Erbium	164-1	58	50	58	56	8.67	cps
Erbium	164-2	27	33	20	27	24.99	cps
Gadolinium	160-2	57	13	27	32	68.89	cps
Gadolinium	160-1	67	50	67	61	15.75	cps
Holmium	165-2	8826943	8832368	8950158	8869823	0.78	cps
Holmium	165-1	16205355	16182987	15958081	16115474	0.85	cps
Indium	115-1	12493102	12330748	12551320	12458390	0.92	cps
Indium	115-2	2410180	2425014	2418272	2417822	0.31	cps
Iron	56-2	10087	10854	10682	10541	3.82	cps
Iron	57-2	272	250	278	267	5.51	cps
Lead	206-1	1322	1367	1389	1359	2.50	cps
Lead	207-1	1133	1150	1078	1120	3.38	cps
Lead	208-1	5217	4989	5212	5139	2.53	cps
Lithium	6-1	803648	790050	794845	796181	0.87	cps
Magnesium	24-2	28804	28319	28979	28701	1.19	cps
Manganese	55-2	5741	5771	5655	5722	1.06	cps

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	H6208-01LDLX100	Instrumnet Name :	P7
Client Sample ID :	WP021MW463-161220LI	Dilution Factor :	100
Date & Time Acquired ::	2017-01-04 14:25:52	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	650	625	700	658	5.80	cps
Molybdenum	95-1	767	517	1000	761	31.76	cps
Molybdenum	96-1	833	933	808	858	7.71	cps
Molybdenum	97-1	467	458	633	519	19.01	cps
Molybdenum	98-1	1192	1167	1617	1325	19.09	cps
Neodymium	150-1	0	27	7	11	124.89	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	150	143	127	140	8.58	cps
Phosphorus	31-2	100	158	150	136	23.18	cps
Potassium	39-2	41910	41408	42479	41932	1.28	cps
Rhodium	103-2	5866447	5931878	5889482	5895936	0.56	cps
Rhodium	103-1	11607739	11504387	11493945	11535357	0.55	cps
Scandium	45-1	6973896	7039470	6911952	6975106	0.91	cps
Scandium	45-2	316082	319908	318414	318135	0.61	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	93	85	78	85	8.69	cps
Selenium	82-1	997	985	847	943	8.82	cps
Silicon	28-1	1203394	1187742	1193115	1194750	0.67	cps
Silver	109-1	367	350	458	392	14.89	cps
Silver	107-1	417	433	292	381	20.35	cps
Sodium	23-2	258663	262556	260598	260605	0.75	cps
Strontium	86-1	30216	31252	31185	30884	1.88	cps
Strontium	88-1	265414	264435	264081	264643	0.26	cps
Sulfur	34-1	271420	270260	272093	271258	0.34	cps
Terbium	159-1	16781089	16728132	16714171	16741131	0.21	cps
Terbium	159-2	8661641	8782618	8763873	8736044	0.75	cps
Thallium	203-1	92	67	117	92	27.27	cps
Thallium	205-1	258	250	150	219	27.47	cps
Tin	118-1	1000	1083	1142	1075	6.62	cps
Titanium	47-1	258	208	208	225	12.83	cps
Uranium	238-1	750	758	825	778	5.29	cps
Vanadium	51-2	70	93	110	91	22.05	cps
Yttrium	89-2	1861079	1876248	1878998	1872108	0.52	cps
Yttrium	89-1	13010121	12900223	13054559	12988301	0.61	cps
Zinc	66-2	610	667	637	638	4.44	cps
Zirconium	90-1	817	825	833	825	1.01	cps

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	H6208-01LDLX100	Instrumnet Name :	P7
Client Sample ID :	WP021MW463-161220LI	Dilution Factor :	100
Date & Time Acquired ::	2017-01-04 14:25:52	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	183	158	233	192	19.93	cps

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	CCV044	Instrumnet Name :	P7
Client Sample ID :	CCV044	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 14:29:21	DataFile Name :	027CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	957629	960663	962930	960407	0.28	cps
Antimony	121-1	5668133	5669205	5650672	5662670	0.18	cps
Arsenic	75-2	196998	196046	196229	196424	0.26	cps
Barium	135-1	7690758	7740158	7681916	7704277	0.41	cps
Barium	137-1	13216729	13347447	13336074	13300083	0.54	cps
Beryllium	9-1	558878	556625	552805	556103	0.55	cps
Bismuth	209-1	9586396	9660539	9581827	9609587	0.46	cps
Bismuth	209-2	6169639	6174539	6188933	6177704	0.16	cps
Boron	10-1	71152	72408	73798	72452	1.83	cps
Boron	11-1	374110	387213	394611	385311	2.69	cps
Cadmium	106-1	149767	149338	149800	149635	0.17	cps
Cadmium	108-1	98359	99651	100042	99351	0.89	cps
Cadmium	111-1	1388086	1391802	1386797	1388895	0.19	cps
Calcium	43-1	1663432	1662044	1659586	1661687	0.12	cps
Calcium	44-1	27074404	26965761	26845220	26961795	0.43	cps
Chromium	52-2	1842602	1830201	1844016	1838940	0.41	cps
Cobalt	59-2	3085245	3080827	3086032	3084035	0.09	cps
Copper	63-2	4410491	4466692	4486881	4454688	0.89	cps
Dysprosium	156-2	30	30	37	32	11.95	cps
Dysprosium	156-1	92	150	100	114	27.70	cps
Erbium	164-1	92	75	75	81	11.95	cps
Erbium	164-2	63	40	53	52	22.41	cps
Gadolinium	160-2	73	40	30	48	47.50	cps
Gadolinium	160-1	67	75	83	75	11.11	cps
Holmium	165-2	8847902	8867471	8844991	8853455	0.14	cps
Holmium	165-1	16113821	15952528	15719248	15928532	1.25	cps
Indium	115-1	11953077	11856324	11858770	11889391	0.46	cps
Indium	115-2	2357330	2354394	2356551	2356091	0.06	cps
Iron	56-2	81768421	81953430	81063105	81594985	0.58	cps
Iron	57-2	2018250	2023412	2030846	2024169	0.31	cps
Lead	206-1	4769765	4741577	4819784	4777042	0.83	cps
Lead	207-1	4202637	4209449	4264204	4225430	0.80	cps
Lead	208-1	19283224	19218403	19412121	19304583	0.51	cps
Lithium	6-1	779908	780236	774160	778101	0.44	cps
Magnesium	24-2	12175645	12229330	12193114	12199363	0.22	cps
Manganese	55-2	1924855	1922724	1926760	1924780	0.10	cps

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	CCV044	Instrumnet Name :	P7
Client Sample ID :	CCV044	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 14:29:21	DataFile Name :	027CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5589090	5689735	5559852	5612893	1.21	cps
Molybdenum	95-1	2940469	2987161	2955238	2960956	0.81	cps
Molybdenum	96-1	3769424	3789587	3793136	3784049	0.34	cps
Molybdenum	97-1	1823962	1835176	1835951	1831696	0.37	cps
Molybdenum	98-1	4788177	4777391	4773476	4779681	0.16	cps
Neodymium	150-1	373	367	413	384	6.57	cps
Neodymium	150-2	57	63	53	58	8.81	cps
Nickel	60-2	810467	816474	818118	815020	0.49	cps
Phosphorus	31-2	49709	50829	51774	50771	2.04	cps
Potassium	39-2	6262541	6338710	6248561	6283271	0.77	cps
Rhodium	103-2	5668278	5723917	5687112	5693102	0.50	cps
Rhodium	103-1	11031521	11050303	10822797	10968207	1.15	cps
Scandium	45-1	7059401	6949026	6837560	6948662	1.60	cps
Scandium	45-2	321355	324535	318892	321594	0.88	cps
Selenium	77-2	3460	3624	3300	3462	4.67	cps
Selenium	78-2	11790	11953	11814	11852	0.74	cps
Selenium	82-1	83425	82934	83514	83291	0.37	cps
Silicon	28-1	4259308	4372989	4384730	4339009	1.60	cps
Silver	109-1	6871575	6859757	6881171	6870834	0.16	cps
Silver	107-1	7200880	7185550	7191952	7192794	0.11	cps
Sodium	23-2	22881211	22848541	22867669	22865807	0.07	cps
Strontium	86-1	1929321	1957421	1945659	1944134	0.73	cps
Strontium	88-1	16972370	17092507	16941878	17002252	0.47	cps
Sulfur	34-1	717406	711294	711779	713493	0.48	cps
Terbium	159-1	16600066	16499565	16616798	16572143	0.38	cps
Terbium	159-2	8759029	8627824	8763276	8716710	0.88	cps
Thallium	203-1	5883611	5940758	5919284	5914551	0.49	cps
Thallium	205-1	14273323	14231604	14220682	14241870	0.20	cps
Tin	118-1	4995453	4969692	4984221	4983122	0.26	cps
Titanium	47-1	778107	779464	776669	778080	0.18	cps
Uranium	238-1	20235749	20243954	20322696	20267466	0.24	cps
Vanadium	51-2	1513053	1516450	1515686	1515063	0.12	cps
Yttrium	89-2	1877781	1890890	1888335	1885669	0.37	cps
Yttrium	89-1	12819497	12992609	12833519	12881875	0.75	cps
Zinc	66-2	523423	524867	524600	524297	0.15	cps
Zirconium	90-1	10664617	10647151	10502544	10604771	0.84	cps

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	CCV044	Instrumnet Name :	P7
Client Sample ID :	CCV044	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 14:29:21	DataFile Name :	027CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2336012	2360524	2337241	2344592	0.59	cps

LB Number : LB85174 Operator : Jaswal
 Lab Sample ID : CCB044 Instrumnet Name : P7
 Client Sample ID : CCB044 Dilution Factor : 1
 Date & Time Acquired :: 2017-01-04 14:32:46 DataFile Name : 028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	83	33	69	45.44	cps
Antimony	121-1	27244	28146	31261	28884	7.30	cps
Arsenic	75-2	263	306	294	288	7.68	cps
Barium	135-1	467	292	267	342	31.90	cps
Barium	137-1	633	508	475	539	15.49	cps
Beryllium	9-1	183	178	194	185	4.58	cps
Bismuth	209-1	9782053	9861925	9951030	9865003	0.86	cps
Bismuth	209-2	6247715	6333289	6322796	6301267	0.74	cps
Boron	10-1	4251	3801	3826	3959	6.39	cps
Boron	11-1	23052	21324	20131	21502	6.83	cps
Cadmium	106-1	2442	2567	2559	2523	2.77	cps
Cadmium	108-1	21	13	21	18	26.64	cps
Cadmium	111-1	1886	1930	1885	1900	1.34	cps
Calcium	43-1	308	292	308	303	3.18	cps
Calcium	44-1	15175	14483	13924	14527	4.32	cps
Chromium	52-2	1600	1743	1743	1696	4.88	cps
Cobalt	59-2	177	210	160	182	13.97	cps
Copper	63-2	2297	2357	2297	2317	1.50	cps
Dysprosium	156-2	10	7	0	6	91.64	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Erbium	164-1	33	75	42	50	44.10	cps
Erbium	164-2	30	23	20	24	20.83	cps
Gadolinium	160-2	23	37	33	31	22.31	cps
Gadolinium	160-1	67	108	33	69	54.11	cps
Holmium	165-2	8895849	8884934	8872068	8884284	0.13	cps
Holmium	165-1	16067231	16212138	15999458	16092942	0.68	cps
Indium	115-1	12268283	12473659	12437225	12393055	0.88	cps
Indium	115-2	2440457	2453477	2448889	2447608	0.27	cps
Iron	56-2	8036	8314	7291	7880	6.71	cps
Iron	57-2	200	211	200	204	3.15	cps
Lead	206-1	2473	2334	2361	2389	3.08	cps
Lead	207-1	2067	2061	2006	2045	1.65	cps
Lead	208-1	9240	9252	9657	9383	2.53	cps
Lithium	6-1	774733	791313	787746	784597	1.11	cps
Magnesium	24-2	400	442	433	425	5.19	cps
Manganese	55-2	150	113	143	136	14.41	cps

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	CCB044	Instrumnet Name :	P7
Client Sample ID :	CCB044	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 14:32:46	DataFile Name :	028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3801	4768	4784	4451	12.65	cps
Molybdenum	95-1	5676	7135	8036	6949	17.14	cps
Molybdenum	96-1	6152	7477	8486	7372	15.88	cps
Molybdenum	97-1	3567	4126	4818	4170	15.02	cps
Molybdenum	98-1	9012	10880	12531	10807	16.29	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	80	123	53	86	41.30	cps
Phosphorus	31-2	208	175	142	175	19.04	cps
Potassium	39-2	22284	22593	22059	22312	1.20	cps
Rhodium	103-2	5894434	5987047	5978024	5953168	0.86	cps
Rhodium	103-1	11547683	11362771	11590957	11500470	1.05	cps
Scandium	45-1	7041467	7028669	7081037	7050391	0.39	cps
Scandium	45-2	323695	322544	324354	323531	0.28	cps
Selenium	77-2	3	0	13	6	124.93	cps
Selenium	78-2	102	111	117	110	6.81	cps
Selenium	82-1	1072	1011	1107	1063	4.58	cps
Silicon	28-1	679505	685035	675007	679849	0.74	cps
Silver	109-1	733	525	592	617	17.25	cps
Silver	107-1	883	542	733	719	23.80	cps
Sodium	23-2	14458	13999	13573	14010	3.16	cps
Strontium	86-1	675	883	833	797	13.64	cps
Strontium	88-1	958	875	817	883	8.06	cps
Sulfur	34-1	251743	252925	254606	253091	0.57	cps
Terbium	159-1	16540584	16580888	16607858	16576443	0.20	cps
Terbium	159-2	8903192	8811752	8796219	8837054	0.65	cps
Thallium	203-1	1308	1125	1083	1172	10.21	cps
Thallium	205-1	3167	3009	2625	2934	9.50	cps
Tin	118-1	4676	4893	5560	5043	9.13	cps
Titanium	47-1	250	233	183	222	15.61	cps
Uranium	238-1	1267	1158	1067	1164	8.60	cps
Vanadium	51-2	103	73	110	96	20.44	cps
Yttrium	89-2	1894478	1910002	1913555	1906012	0.53	cps
Yttrium	89-1	12911554	13060923	13016476	12996318	0.59	cps
Zinc	66-2	280	337	347	321	11.20	cps
Zirconium	90-1	2134	2042	2575	2250	12.68	cps

LB Number :	LB85174	Operator :	Jaswal
Lab Sample ID :	CCB044	Instrumnet Name :	P7
Client Sample ID :	CCB044	Dilution Factor :	1
Date & Time Acquired ::	2017-01-04 14:32:46	DataFile Name :	028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	458	417	575	483	16.98	cps