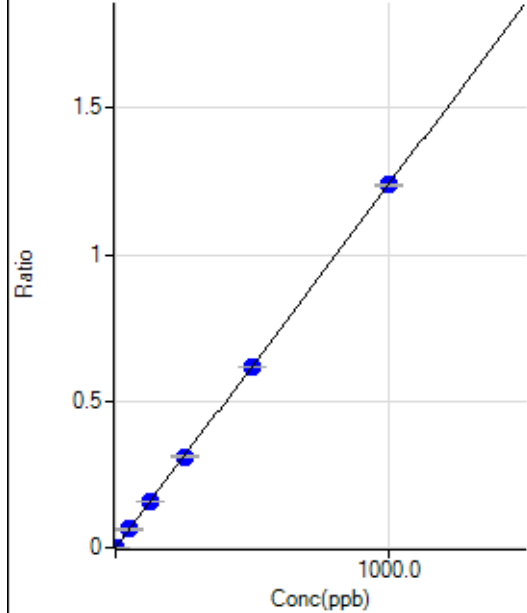


Batch Folder: D:\ICP-MS Data\P7052417 .b .b\
Analysis File: P7052417 .b .batch.bin
DA Date-Time: 2017-05-25 10:49:50
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB P7052417 .b .D	S00	2017-05-24 12:38:19
2			
3	005CALS P7052417 .b .D	S02	2017-05-24 12:45:57
4	006CALS P7052417 .b .D	S03	2017-05-24 12:49:47
5	007CALS P7052417 .b .D	S04	2017-05-24 12:53:47
6	008CALS P7052417 .b .D	S05	2017-05-24 12:57:30
7	009CALS P7052417 .b .D	S06	2017-05-24 13:01:09
8	010CALS P7052417 .b .D	S07	2017-05-24 13:04:43
9	011CALS P7052417 .b .D	S08	2017-05-24 13:08:15

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	100.00	0.0000	P	24.6
2	☐	0.100					
3	☐	1.000	0.860	2579.92	0.0011	P	11.8
4	☐	50.000	50.380	144987.46	0.0624	P	0.4
5	☐	125.000	127.022	365597.30	0.1574	P	0.9
6	☐	250.000	251.131	710226.87	0.3111	P	0.7
7	☐	500.000	499.633	1411251.26	0.6189	P	0.2
8	☐	1000.000	999.629	2765747.08	1.2382	P	0.6
9	☐			729.67	0.0004	P	9.2

$$y = 0.0012 * x + 4.3783E-005$$

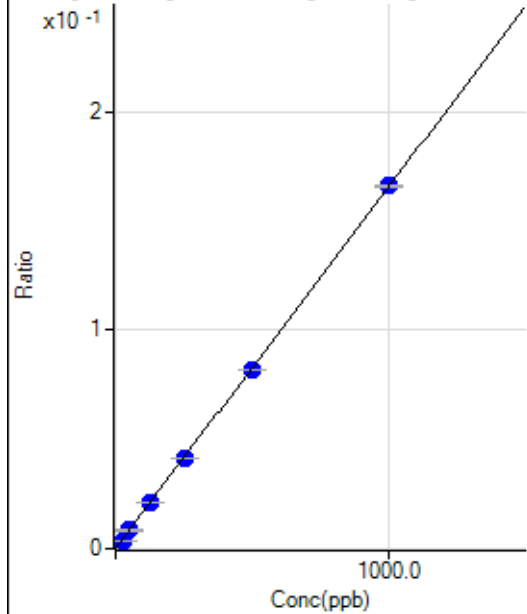
$$R = 1.0000$$

$$DL = 0.02609$$

$$BEC = 0.03535$$

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	286.13	0.0001	P	12.2
2	☐	2.500					
3	☐	25.000	21.446	8544.42	0.0037	P	3.6
4	☐	50.000	49.909	19463.15	0.0084	P	1.4
5	☐	125.000	125.354	48478.63	0.0209	P	0.2
6	☐	250.000	247.374	93731.32	0.0411	P	0.2
7	☐	500.000	494.624	186910.11	0.0820	P	0.7
8	☐	1000.000	1003.393	371133.69	0.1662	P	0.8
9	☐			9375.52	0.0045	P	3.3

$$y = 1.6546E-004 * x + 1.2524E-004$$

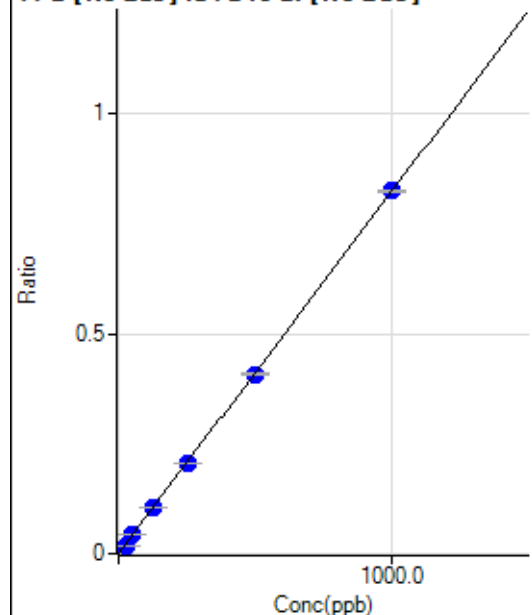
$$R = 1.0000$$

$$DL = 0.2761$$

$$BEC = 0.7569$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1375.12	0.0006	P	3.9
2	☐	2.500					
3	☐	25.000	20.706	40970.28	0.0176	P	0.5
4	☐	50.000	50.076	96937.08	0.0417	P	0.7
5	☐	125.000	125.211	240426.34	0.1035	P	1.2
6	☐	250.000	249.516	469451.65	0.2056	P	1.0
7	☐	500.000	495.951	930663.00	0.4081	P	0.6
8	☐	1000.000	1002.223	1840920.03	0.8241	P	0.6
9	☐			46829.10	0.0226	P	5.6

$$y = 8.2172\text{E-}004 * x + 6.0170\text{E-}004$$

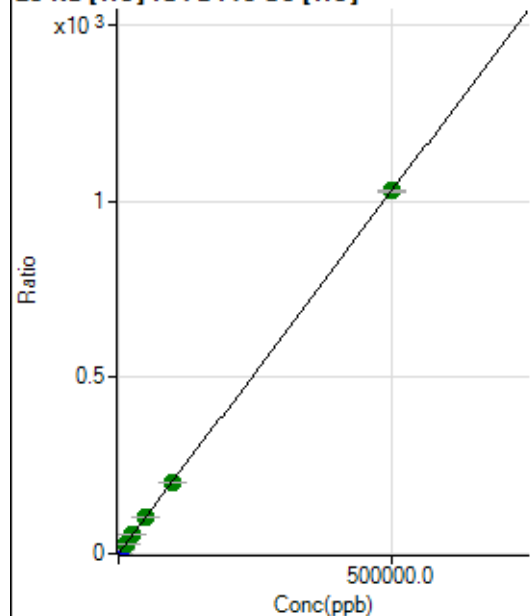
$$R = 1.0000$$

$$DL = 0.08609$$

$$BEC = 0.7322$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	20943.12	0.0725	P	0.7
2	☐	50.000					
3	☐	500.000	452.107	295451.81	1.0038	P	0.5
4	☐	5000.000	5168.325	3184075.66	10.7192	P	0.3
5	☐	12500.000	12835.449	7903133.77	26.5133	A	0.8
6	☐	25000.000	25384.797	15256058.67	52.3648	A	0.4
7	☐	50000.000	49903.703	30428868.39	102.8733	A	0.5
8	☐	100000.00	98390.587	60326603.43	202.7555	A	0.4
9	☐	500000.00	500302.25	314841593.1	1,030.686	A	0.3

$$y = 0.0021 * x + 0.0725$$

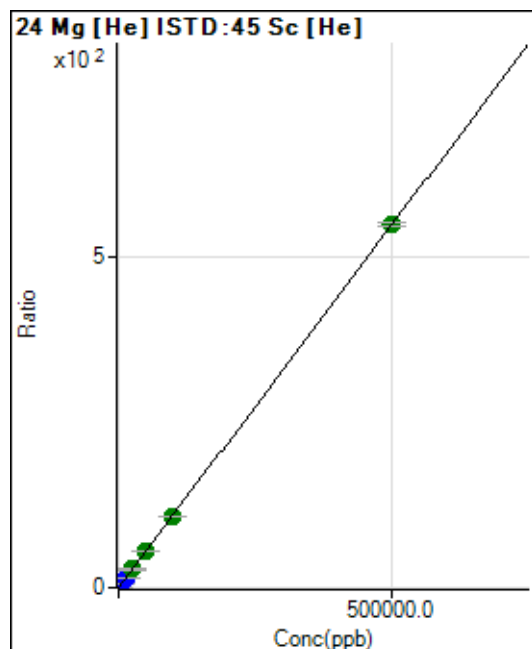
$$R = 1.0000$$

$$DL = 0.7212$$

$$BEC = 35.2$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	436.14	0.0015	P	21.7
2	☐	50.000					
3	☐	500.000	445.157	143887.36	0.4889	P	0.6
4	☐	5000.000	5107.043	1661345.50	5.5929	P	0.3
5	☐	12500.000	12866.526	4199477.35	14.0884	P	0.6
6	☐	25000.000	25242.752	8052206.52	27.6384	A	0.5
7	☐	50000.000	49400.300	15998263.03	54.0872	A	0.6
8	☐	100000.00	97177.362	31656476.05	106.3957	A	0.6
9	☐	500000.00	500602.18	167410366.2	548.0837	A	0.9

$$y = 0.0011 * x + 0.0015$$

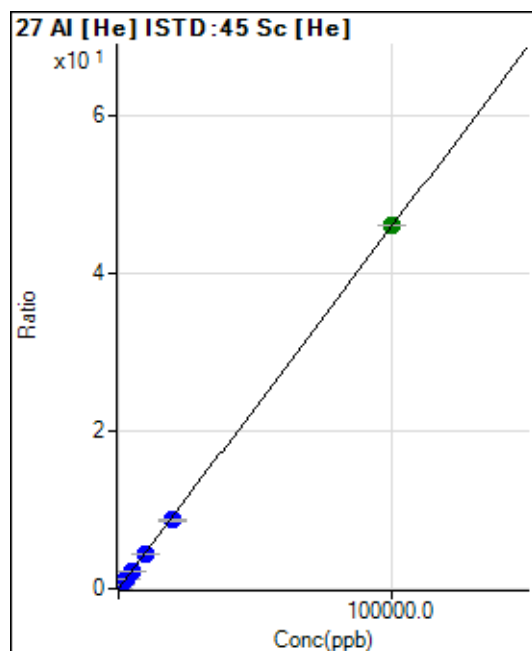
$$R = 1.0000$$

$$DL = 0.8961$$

$$BEC = 1.378$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	44.45	0.0002	P	39.3
2	☐	2.000					
3	☐	20.000	16.355	2253.05	0.0077	P	2.0
4	☐	1000.000	981.069	133687.36	0.4501	P	0.5
5	☐	2500.000	2457.810	336018.15	1.1273	P	1.0
6	☐	5000.000	4871.680	650931.59	2.2342	P	0.4
7	☐	10000.000	9570.424	1298242.11	4.3890	P	0.1
8	☐	20000.000	18873.054	2575182.44	8.6551	P	0.3
9	☐	100000.00	100276.00	14046940.24	45.9855	A	0.1

$$y = 4.5859E-004 * x + 1.5408E-004$$

$$R = 0.9999$$

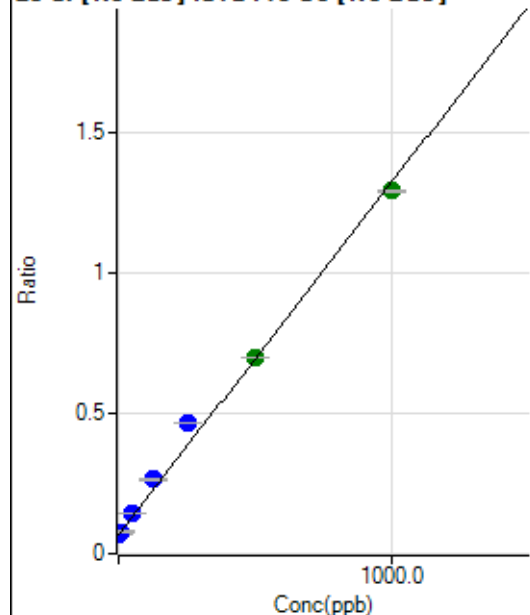
$$DL = 0.3962$$

$$BEC = 0.336$$

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	423467.02	0.0671	P	0.6
2	☐	1.000					
3	☐	10.000	8.991	507915.07	0.0784	P	1.0
4	☐	50.000	62.129	936346.59	0.1451	P	1.1
5	☐	125.000	157.070	1733392.36	0.2642	P	0.7
6	☐	250.000	318.013	2980170.27	0.4661	P	0.7
7	☐	500.000	504.984	4524576.71	0.7007	A	0.2
8	☐	1000.000	975.900	8279164.77	1.2916	A	0.9
9	☐			535105.41	0.0844	P	0.8

$$y = 0.0013 * x + 0.0671$$

$$R = 0.9971$$

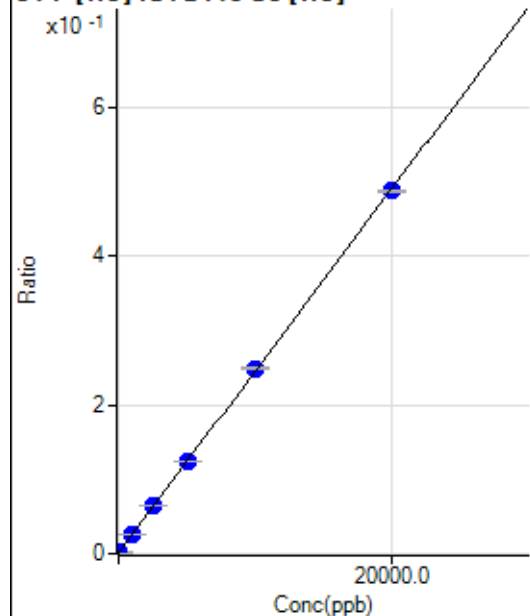
$$DL = 0.9999$$

$$BEC = 53.49$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	8.084	397.25	0.0014	P	5.0
2	☐	0.000					
3	☐	0.000	-8.084	288.90	0.0010	P	13.0
4	☐	1000.000	1008.444	7660.61	0.0258	P	1.0
5	☐	2500.000	2594.690	19226.89	0.0645	P	0.5
6	☐	5000.000	5031.346	36116.90	0.1240	P	0.8
7	☐	10000.000	10148.466	73607.10	0.2489	P	1.5
8	☐	20000.000	19905.672	144891.69	0.4870	P	0.4
9	☐			383.36	0.0013	P	30.0

$$y = 2.4405E-005 * x + 0.0012$$

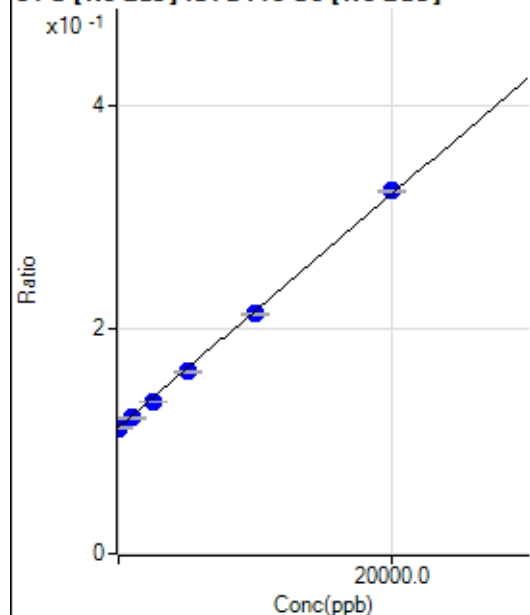
$$R = 0.9999$$

$$DL = 12.06$$

$$BEC = 48.29$$

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	90.279	718618.04	0.1139	P	0.9
2	☐	0.000					
3	☐	0.000	-90.279	725766.95	0.1120	P	0.7
4	☐	1000.000	788.344	781910.28	0.1211	P	0.5
5	☐	2500.000	2100.863	884258.24	0.1348	P	0.3
6	☐	5000.000	4735.042	1036560.06	0.1621	P	0.7
7	☐	10000.000	9713.990	1380687.91	0.2138	P	0.7
8	☐	20000.000	20269.719	2073358.21	0.3235	P	0.8
9	☐			654052.29	0.1032	P	2.2

$$y = 1.0385\text{E-}005 * x + 0.1130$$

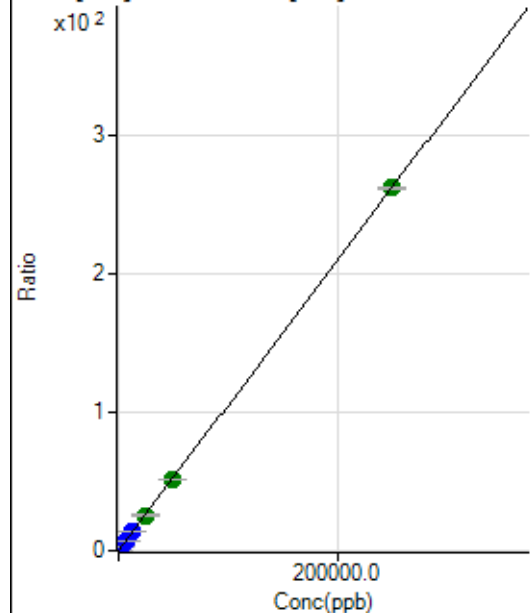
$$R = 0.9996$$

$$DL = 252.3$$

$$BEC = 1.088\text{E}+04$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	40606.63	0.1406	P	0.6
2	☐	50.000					
3	☐	500.000	431.088	173894.13	0.5909	P	1.2
4	☐	2500.000	2500.769	817637.99	2.7526	P	0.1
5	☐	6250.000	6289.804	2000159.14	6.7101	P	0.4
6	☐	12500.000	12480.857	3838891.71	13.1765	P	0.0
7	☐	25000.000	24340.818	7561425.52	25.5639	A	0.7
8	☐	50000.000	48658.405	15163282.98	50.9629	A	0.7
9	☐	250000.00	250334.32	79906987.89	261.6077	A	0.6

$$y = 0.0010 * x + 0.1406$$

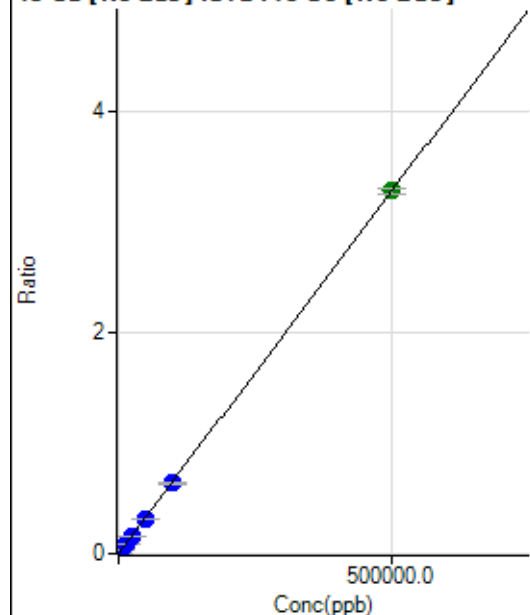
$$R = 1.0000$$

$$DL = 2.223$$

$$BEC = 134.6$$

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	372.24	0.0001	P	11.8
2	☐	50.000					
3	☐	500.000	410.985	17791.86	0.0027	P	1.5
4	☐	5000.000	4868.528	205841.00	0.0319	P	0.6
5	☐	12500.000	12234.809	525246.46	0.0801	P	0.4
6	☐	25000.000	24503.574	1024673.55	0.1603	P	0.7
7	☐	50000.000	48522.684	2048862.22	0.3173	P	0.3
8	☐	100000.00	97049.023	4067739.46	0.6346	P	0.8
9	☐	500000.00	500770.78	20753288.66	3.2743	A	1.3

$$y = 6.5383\text{E-}006 * x + 5.8969\text{E-}005$$

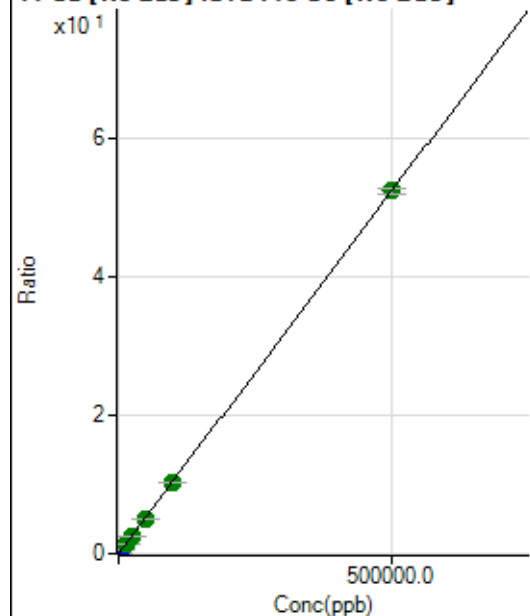
$$R = 1.0000$$

$$DL = 3.186$$

$$BEC = 9.019$$

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	13832.18	0.0022	P	0.8
2	☐	50.000					
3	☐	500.000	419.566	299031.14	0.0462	P	0.5
4	☐	5000.000	4986.472	3386530.11	0.5247	P	0.2
5	☐	12500.000	12285.248	8460053.92	1.2894	A	0.4
6	☐	25000.000	24736.915	16585103.84	2.5941	A	0.5
7	☐	50000.000	48726.364	32979335.11	5.1077	A	0.3
8	☐	100000.00	97481.642	65484418.83	10.2162	A	1.0
9	☐	500000.00	500649.77	332504474.1	52.4596	A	1.4

$$y = 1.0478\text{E-}004 * x + 0.0022$$

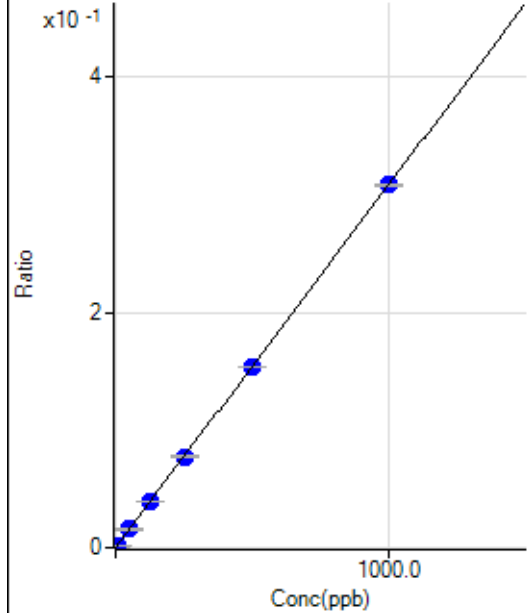
$$R = 1.0000$$

$$DL = 0.52$$

$$BEC = 20.92$$

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	141.67	0.0000	P	25.4
2	☐	0.500					
3	☐	5.000	4.254	8647.38	0.0013	P	3.7
4	☐	50.000	50.413	100530.27	0.0156	P	1.5
5	☐	125.000	125.457	254090.55	0.0387	P	0.7
6	☐	250.000	251.312	495835.17	0.0776	P	0.8
7	☐	500.000	498.640	993423.69	0.1539	P	0.5
8	☐	1000.000	1000.278	1978275.67	0.3086	P	0.3
9	☐			4125.96	0.0007	P	68.8

$$y = 3.0851\text{E-}004 * x + 2.2440\text{E-}005$$

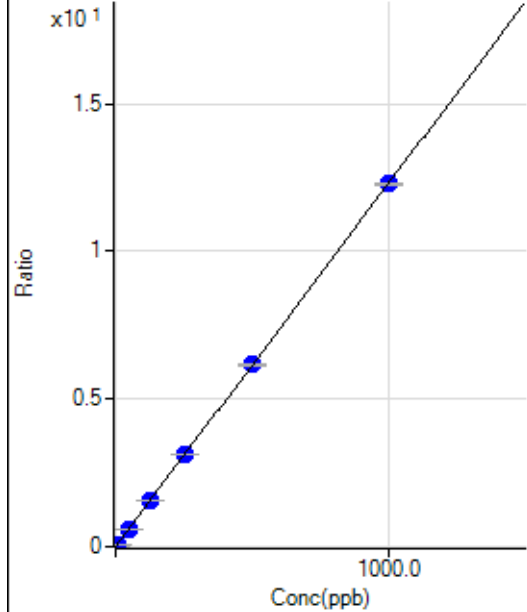
$$R = 1.0000$$

$$DL = 0.05533$$

$$BEC = 0.07274$$

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	26.67	0.0001	P	33.6
2	☐	0.500					
3	☐	5.000	4.357	15805.33	0.0537	P	1.6
4	☐	50.000	50.206	183501.60	0.6178	P	0.1
5	☐	125.000	126.062	462321.18	1.5510	P	0.1
6	☐	250.000	252.148	903794.47	3.1022	P	0.2
7	☐	500.000	500.734	1822224.92	6.1604	P	0.4
8	☐	1000.000	998.956	3656620.95	12.2899	P	0.3
9	☐			1751.24	0.0057	P	5.1

$$y = 0.0123 * x + 9.2431\text{E-}005$$

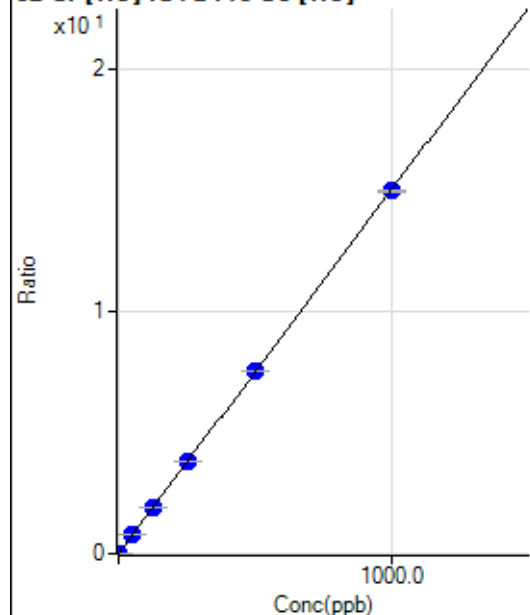
$$R = 1.0000$$

$$DL = 0.007584$$

$$BEC = 0.007513$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1493.44	0.0052	P	8.8
2	☐	0.200					
3	☐	2.000	1.865	9771.16	0.0332	P	1.5
4	☐	50.000	51.544	231696.57	0.7800	P	0.2
5	☐	125.000	128.232	576138.50	1.9328	P	0.7
6	☐	250.000	254.462	1115956.98	3.8304	P	0.4
7	☐	500.000	502.434	2235622.88	7.5580	P	0.2
8	☐	1000.000	997.187	4461642.81	14.9954	P	0.4
9	☐			107718.48	0.3527	P	1.1

$$y = 0.0150 * x + 0.0052$$

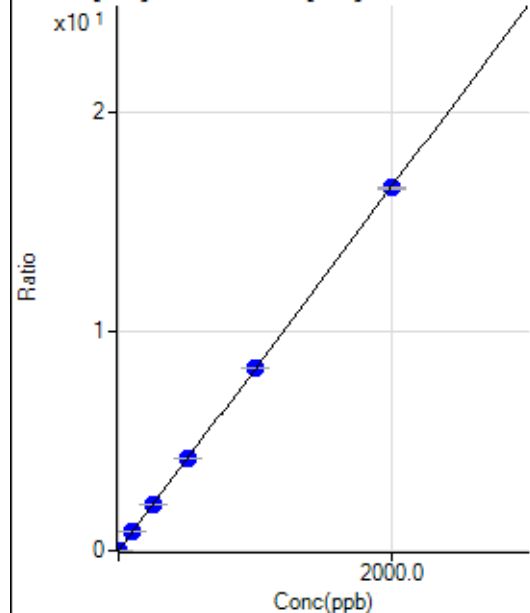
$$R = 1.0000$$

$$DL = 0.09111$$

$$BEC = 0.3439$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	457.79	0.0016	P	3.7
2	☐	0.100					
3	☐	1.000	0.750	2299.11	0.0078	P	4.3
4	☐	100.000	101.626	251310.09	0.8460	P	1.2
5	☐	250.000	256.199	635031.70	2.1304	P	0.6
6	☐	500.000	507.619	1229326.60	4.2195	P	0.6
7	☐	1000.000	1005.423	2471625.60	8.3559	P	0.3
8	☐	2000.000	1994.528	4931511.21	16.5746	P	0.4
9	☐			18609.74	0.0609	P	1.0

$$y = 0.0083 * x + 0.0016$$

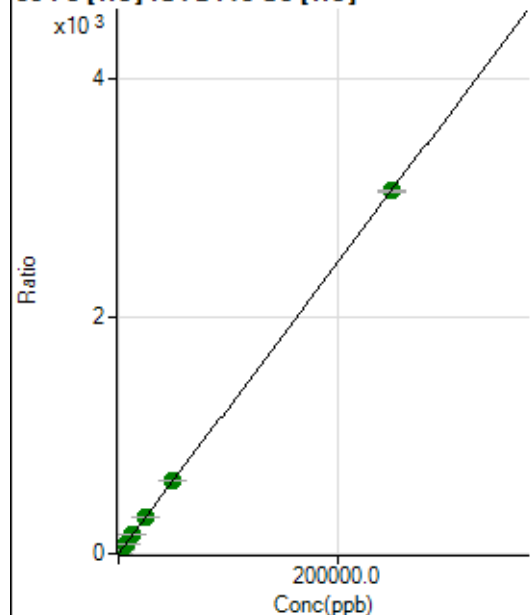
$$R = 1.0000$$

$$DL = 0.02111$$

$$BEC = 0.1907$$

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	5580.88	0.0193	P	2.6
2	☐	5.000					
3	☐	50.000	44.238	165111.77	0.5610	P	1.0
4	☐	2500.000	2609.394	9497048.59	31.9717	A	0.5
5	☐	6250.000	6520.451	23805787.80	79.8631	A	0.2
6	☐	12500.000	12976.579	46300291.31	158.9193	A	0.5
7	☐	25000.000	25555.197	92566386.33	312.9461	A	0.3
8	☐	50000.000	50221.275	182979542.9	614.9855	A	0.8
9	☐	250000.00	249868.54	934585932.0	3,059.692	A	0.6

$$y = 0.0122 * x + 0.0193$$

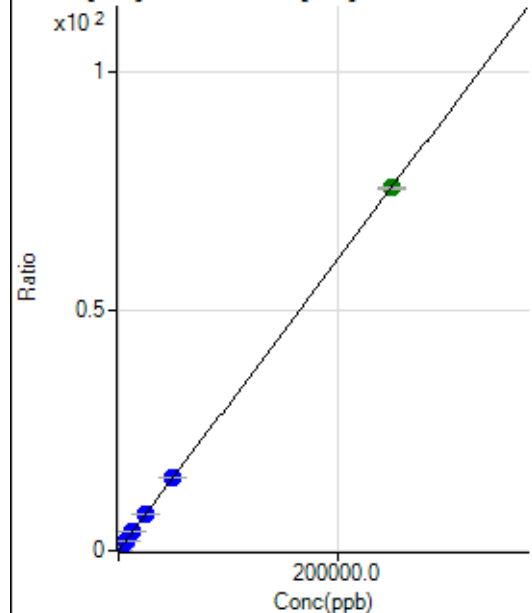
$$R = 1.0000$$

$$DL = 0.121$$

$$BEC = 1.578$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	129.63	0.0004	P	20.3
2	☐	5.000					
3	☐	50.000	45.911	4228.52	0.0144	P	2.4
4	☐	2500.000	2584.067	232842.71	0.7839	P	0.5
5	☐	6250.000	6509.866	588422.73	1.9740	P	0.6
6	☐	12500.000	12924.377	1141684.84	3.9187	P	0.6
7	☐	25000.000	25370.520	2275232.05	7.6920	P	0.2
8	☐	50000.000	50376.604	4544267.87	15.2731	P	0.7
9	☐	250000.00	249859.07	23138396.12	75.7499	A	0.3

$$y = 3.0317E-004 * x + 4.4918E-004$$

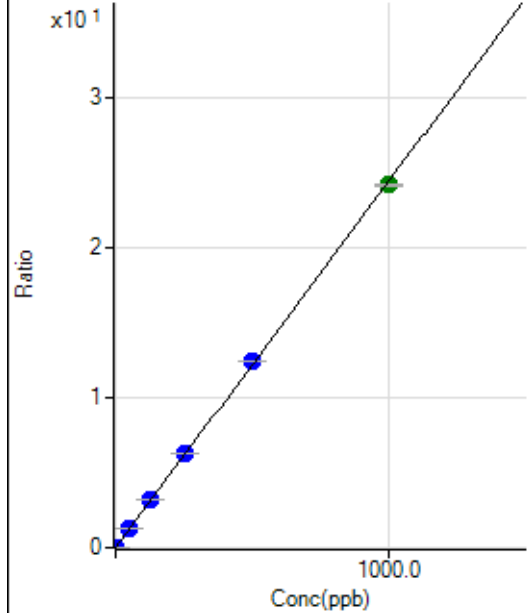
$$R = 1.0000$$

$$DL = 0.9011$$

$$BEC = 1.482$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	190.00	0.0007	P	11.6
2	☐	0.100					
3	☐	1.000	0.916	6761.67	0.0230	P	2.0
4	☐	50.000	52.811	382291.61	1.2870	P	0.1
5	☐	125.000	131.675	956217.11	3.2079	P	0.3
6	☐	250.000	259.441	1841283.13	6.3200	P	0.4
7	☐	500.000	510.770	3680108.69	12.4417	P	0.3
8	☐	1000.000	991.280	7184105.17	24.1456	A	0.3
9	☐			10628.46	0.0348	P	3.0

$$y = 0.0244 * x + 6.5759E-004$$

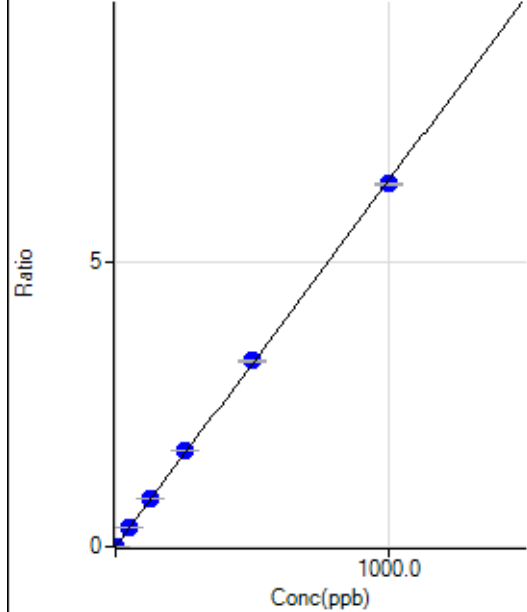
$$R = 0.9999$$

$$DL = 0.009373$$

$$BEC = 0.027$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	457.79	0.0016	P	3.0
2	☐	0.100					
3	☐	1.000	0.932	2229.10	0.0076	P	5.5
4	☐	50.000	52.922	101482.67	0.3416	P	1.1
5	☐	125.000	132.040	253374.77	0.8500	P	0.6
6	☐	250.000	261.676	490335.97	1.6830	P	0.2
7	☐	500.000	508.759	967418.86	3.2707	P	0.7
8	☐	1000.000	991.675	1896376.10	6.3737	P	0.3
9	☐			28279.70	0.0926	P	0.4

$$y = 0.0064 * x + 0.0016$$

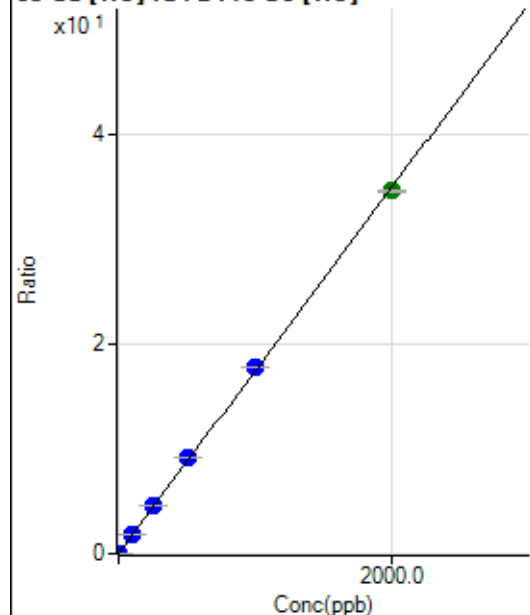
$$R = 0.9999$$

$$DL = 0.02227$$

$$BEC = 0.2467$$

Weight: <None>

Min Conc: 0

63 Cu [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2813.65	0.0097	P	0.3
2	☐	0.200					
3	☐	2.000	2.119	13741.07	0.0467	P	1.2
4	☐	100.000	105.715	550271.09	1.8525	P	0.6
5	☐	250.000	264.972	1379693.00	4.6286	P	0.3
6	☐	500.000	522.886	2658321.96	9.1244	P	0.5
7	☐	1000.000	1017.805	5250694.99	17.7515	P	0.5
8	☐	2000.000	1983.219	10288696.52	34.5800	A	0.4
9	☐			19304.01	0.0632	P	0.7

$$y = 0.0174 * x + 0.0097$$

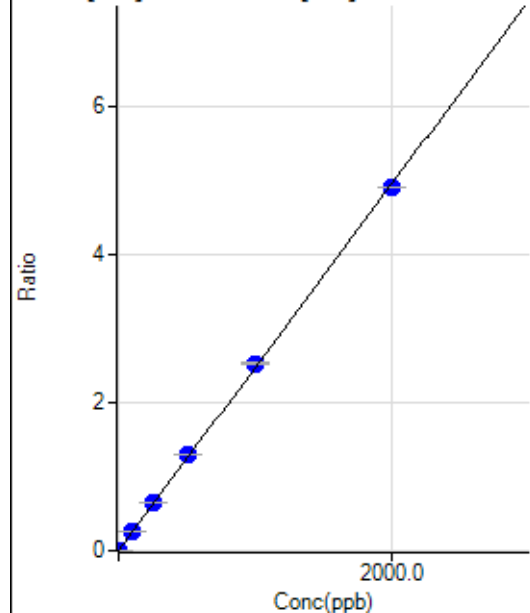
$$R = 0.9999$$

$$DL = 0.004368$$

$$BEC = 0.5589$$

Weight: <None>

Min Conc: 0

66 Zn [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	234.45	0.0008	P	3.3
2	☐	0.200					
3	☐	2.000	1.814	1561.22	0.0053	P	5.7
4	☐	100.000	104.910	77466.22	0.2608	P	0.9
5	☐	250.000	263.661	195004.13	0.6542	P	0.7
6	☐	500.000	523.600	378267.87	1.2984	P	0.3
7	☐	1000.000	1022.810	749967.04	2.5355	P	0.5
8	☐	2000.000	1980.742	1460690.26	4.9094	P	0.1
9	☐			6933.97	0.0227	P	2.3

$$y = 0.0025 * x + 8.1179E-004$$

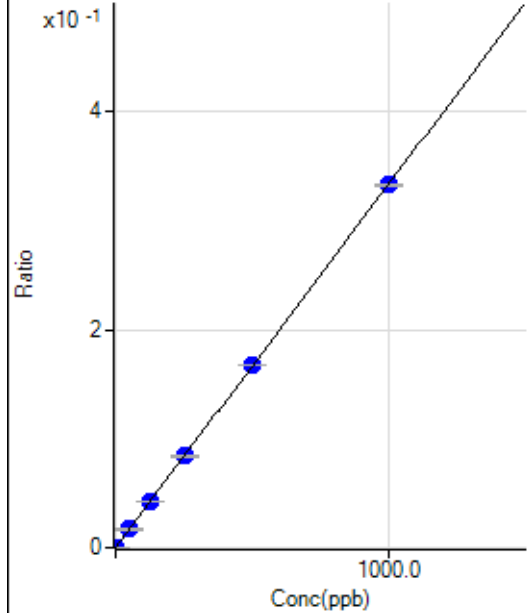
$$R = 0.9998$$

$$DL = 0.03284$$

$$BEC = 0.3276$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	15.43	0.0000	P	56.8
2	☐	0.100					
3	☐	1.000	0.874	465.44	0.0003	P	6.8
4	☐	50.000	50.270	26074.00	0.0168	P	0.9
5	☐	125.000	126.056	66016.72	0.0421	P	0.3
6	☐	250.000	251.762	128894.88	0.0840	P	1.0
7	☐	500.000	501.617	258584.67	0.1674	P	0.4
8	☐	1000.000	998.605	515342.82	0.3332	P	0.5
9	☐			604.34	0.0004	P	2.4

$$y = 3.3363\text{E-}004 * x + 1.0184\text{E-}005$$

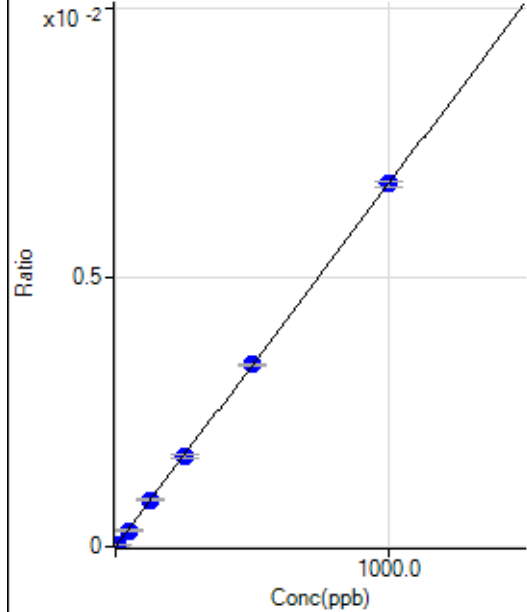
$$R = 1.0000$$

$$DL = 0.05199$$

$$BEC = 0.03053$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	0.500					
3	☐	5.000	3.948	42.22	0.0000	P	63.6
4	☐	50.000	44.740	470.01	0.0003	P	5.0
5	☐	125.000	128.164	1357.87	0.0009	P	5.4
6	☐	250.000	247.708	2564.73	0.0017	P	4.1
7	☐	500.000	500.856	5219.92	0.0034	P	1.4
8	☐	1000.000	1000.018	10432.80	0.0067	P	1.9
9	☐			14.44	0.0000	P	35.3

$$y = 6.7443\text{E-}006 * x + 7.3532\text{E-}007$$

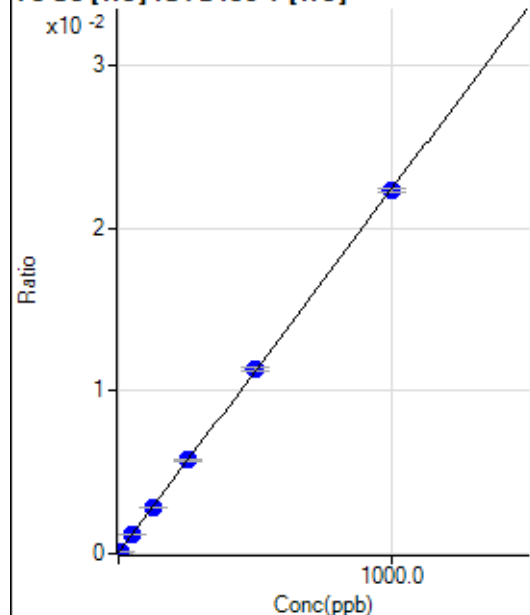
$$R = 1.0000$$

$$DL = 0.5665$$

$$BEC = 0.109$$

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	90.12	0.0001	P	16.7
2	☐	0.500					
3	☐	5.000	4.884	259.88	0.0002	P	6.6
4	☐	50.000	49.759	1819.27	0.0012	P	3.3
5	☐	125.000	126.322	4521.73	0.0029	P	0.5
6	☐	250.000	254.468	8813.23	0.0057	P	1.7
7	☐	500.000	506.477	17573.07	0.0114	P	2.0
8	☐	1000.000	995.492	34490.31	0.0223	P	0.9
9	☐			139.51	0.0001	P	8.5

$$y = 2.2339\text{E-}005 * x + 5.9405\text{E-}005$$

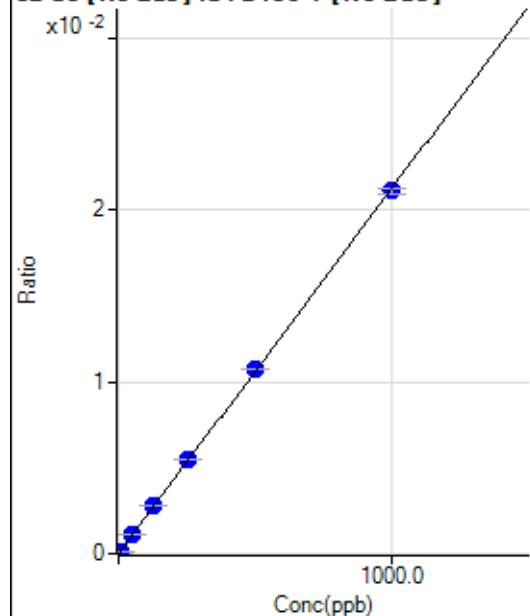
$$R = 1.0000$$

$$DL = 1.333$$

$$BEC = 2.659$$

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	-60.22	0.0000	P	-45.
2	☐	0.500					
3	☐	5.000	4.483	933.60	0.0001	P	9.2
4	☐	50.000	51.015	11263.07	0.0011	P	2.3
5	☐	125.000	129.888	29033.93	0.0028	P	0.2
6	☐	250.000	257.456	56567.24	0.0055	P	0.7
7	☐	500.000	505.629	112767.22	0.0107	P	0.3
8	☐	1000.000	994.663	220993.55	0.0211	P	1.4
9	☐			274.00	0.0000	P	27.1

$$y = 2.1238\text{E-}005 * x - 5.9623\text{E-}006$$

$$R = 0.9999$$

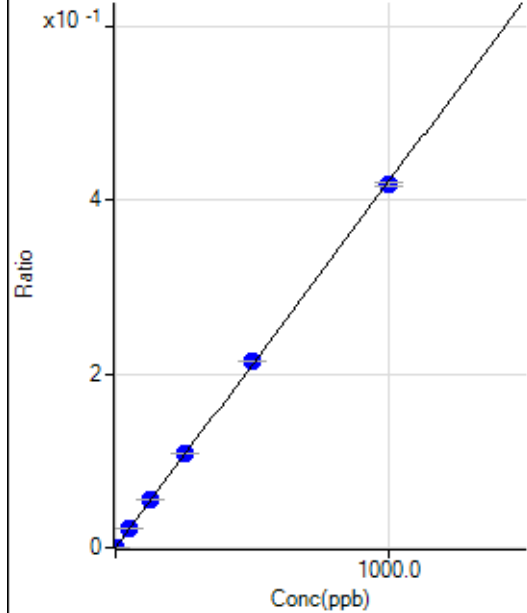
$$DL = 0.3801$$

$$BEC = -0.2807$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2033.57	0.0002	P	4.8
2	☐	0.100					
3	☐	1.000	0.811	5670.79	0.0005	P	6.4
4	☐	50.000	51.813	229878.87	0.0220	P	0.5
5	☐	125.000	129.884	578286.89	0.0548	P	0.5
6	☐	250.000	258.947	1129974.93	0.1091	P	0.3
7	☐	500.000	510.791	2259207.71	0.2150	P	0.3
8	☐	1000.000	991.667	4366550.62	0.4173	P	1.0
9	☐			140640.25	0.0141	P	1.0

$$y = 4.2056E-004 * x + 2.0107E-004$$

$$R = 0.9999$$

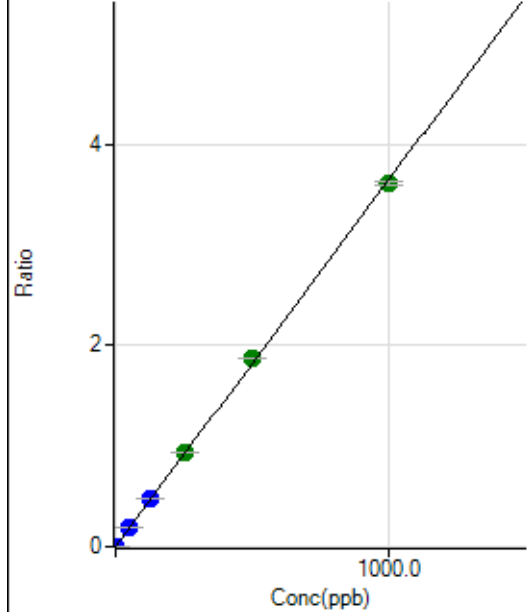
$$DL = 0.06843$$

$$BEC = 0.4781$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	372.24	0.0000	P	14.0
2	☐	0.100					
3	☐	1.000	0.882	34058.12	0.0033	P	0.9
4	☐	50.000	51.837	1976676.11	0.1891	P	0.7
5	☐	125.000	131.734	5068272.12	0.4805	P	0.3
6	☐	250.000	258.923	9780978.69	0.9444	A	0.4
7	☐	500.000	514.002	19697959.64	1.8747	A	0.5
8	☐	1000.000	989.835	37781070.29	3.6102	A	0.9
9	☐			1206178.11	0.1210	P	0.3

$$y = 0.0036 * x + 3.6814E-005$$

$$R = 0.9998$$

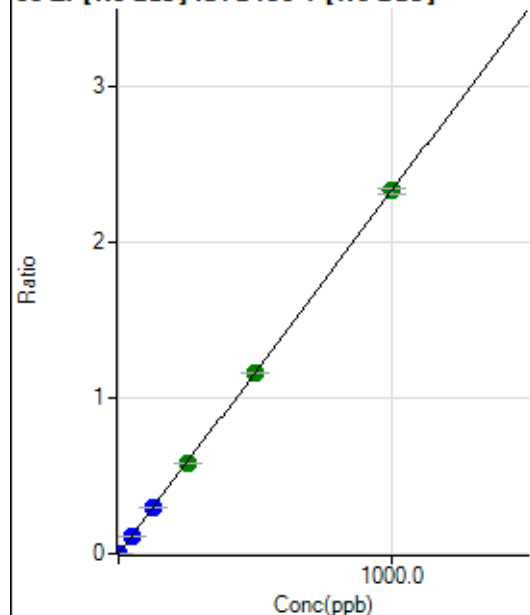
$$DL = 0.004225$$

$$BEC = 0.01009$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	847.29	0.0001	P	18.5
2	☐	0.100					
3	☐	1.000	0.747	19080.14	0.0018	P	1.4
4	☐	50.000	49.300	1200998.41	0.1149	P	0.0
5	☐	125.000	125.304	3078845.20	0.2919	P	0.1
6	☐	250.000	249.320	6014329.52	0.5807	A	0.4
7	☐	500.000	499.644	12226682.56	1.1637	A	0.2
8	☐	1000.000	1000.345	24379493.25	2.3297	A	1.2
9	☐			6451.78	0.0006	P	5.6

$$y = 0.0023 * x + 8.3829E-005$$

$$R = 1.0000$$

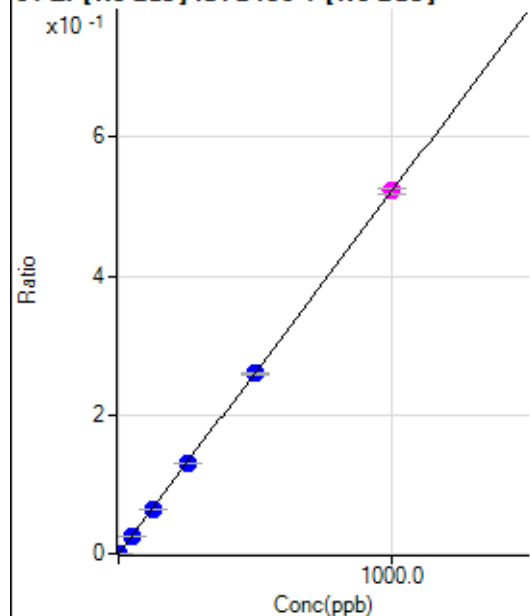
$$DL = 0.01997$$

$$BEC = 0.036$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	202.79	0.0000	P	16.9
2	☐	0.100					
3	☐	1.000	0.780	4467.56	0.0004	P	3.7
4	☐	50.000	49.046	267598.56	0.0256	P	1.1
5	☐	125.000	124.430	684728.62	0.0649	P	0.4
6	☐	250.000	248.145	1340592.78	0.1294	P	0.2
7	☐	500.000	496.682	2722006.33	0.2591	P	0.6
8	☐	1000.000	1002.242	5470211.84	0.5227	M	1.3
9	☐			1411.25	0.0001	P	2.7

$$y = 5.2155E-004 * x + 2.0045E-005$$

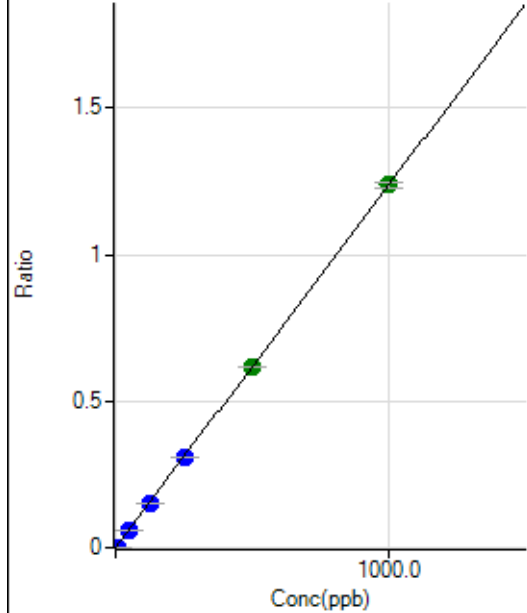
$$R = 1.0000$$

$$DL = 0.0195$$

$$BEC = 0.03843$$

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	400.02	0.0000	P	7.3
2	☐	0.500					
3	☐	5.000	1.821	23954.35	0.0023	P	2.0
4	☐	50.000	48.762	630377.56	0.0603	P	1.0
5	☐	125.000	123.721	1613279.79	0.1530	P	0.6
6	☐	250.000	248.180	3177191.72	0.3068	P	0.3
7	☐	500.000	498.401	6472622.02	0.6160	A	0.3
8	☐	1000.000	1001.492	12952465.91	1.2378	A	1.8
9	☐			22356.94	0.0022	P	5.2

$$y = 0.0012 * x + 3.9545E-005$$

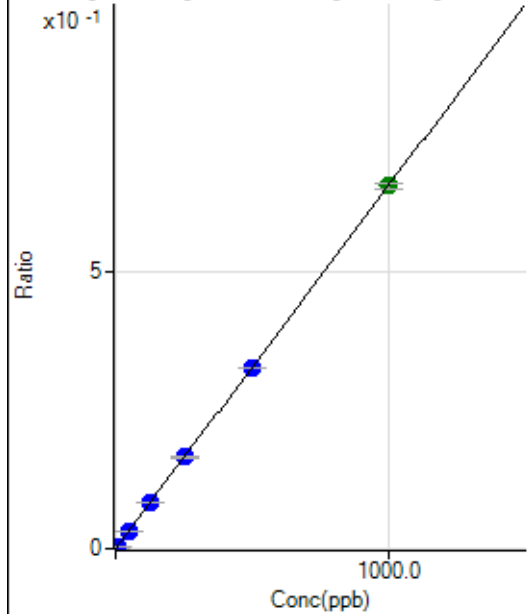
$$R = 1.0000$$

$$DL = 0.007$$

$$BEC = 0.032$$

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	113.89	0.0000	P	37.3
2	☐	0.500					
3	☐	5.000	4.255	29250.44	0.0028	P	2.5
4	☐	50.000	49.496	338691.13	0.0324	P	0.1
5	☐	125.000	125.934	869361.63	0.0824	P	0.8
6	☐	250.000	251.999	1708025.62	0.1649	P	0.4
7	☐	500.000	499.772	3436413.97	0.3271	P	0.2
8	☐	1000.000	999.526	6844571.86	0.6541	A	1.8
9	☐			34969.05	0.0035	P	5.6

$$y = 6.5439E-004 * x + 1.1272E-005$$

$$R = 1.0000$$

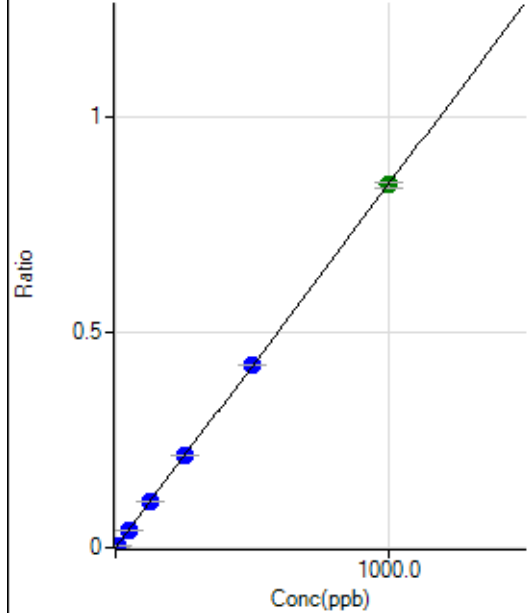
$$DL = 0.01929$$

$$BEC = 0.01723$$

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	219.46	0.0000	P	27.4
2	☐	0.500					
3	☐	5.000	3.632	32237.72	0.0031	P	2.5
4	☐	50.000	49.331	434633.22	0.0416	P	0.3
5	☐	125.000	125.653	1116760.43	0.1059	P	0.4
6	☐	250.000	252.119	2199956.32	0.2124	P	0.3
7	☐	500.000	501.561	4439759.00	0.4226	P	0.5
8	☐	1000.000	998.648	8803665.39	0.8413	A	1.7
9	☐			42383.67	0.0043	P	5.7

$$y = 8.4244\text{E-}004 * x + 2.1715\text{E-}005$$

$$R = 1.0000$$

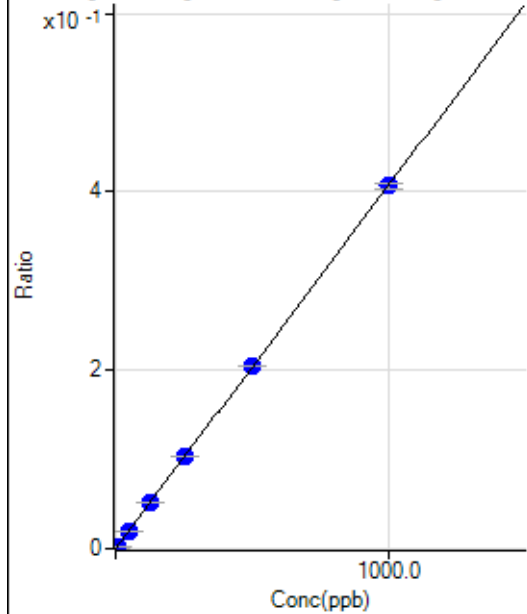
$$DL = 0.02123$$

$$BEC = 0.02578$$

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	127.79	0.0000	P	32.3
2	☐	0.500					
3	☐	5.000	4.178	17936.88	0.0017	P	2.8
4	☐	50.000	49.644	211507.01	0.0202	P	0.6
5	☐	125.000	125.830	540747.88	0.0513	P	0.4
6	☐	250.000	252.791	1066547.96	0.1030	P	0.7
7	☐	500.000	501.256	2145387.81	0.2042	P	0.4
8	☐	1000.000	998.592	4256621.75	0.4068	P	1.3
9	☐			21951.11	0.0022	P	7.6

$$y = 4.0733\text{E-}004 * x + 1.2618\text{E-}005$$

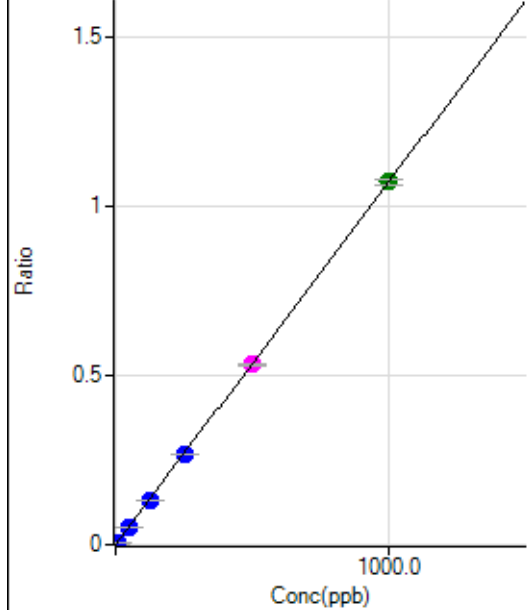
$$R = 1.0000$$

$$DL = 0.03004$$

$$BEC = 0.03098$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	236.13	0.0000	P	27.1
2	☐	0.500					
3	☐	5.000	4.163	46886.60	0.0045	P	1.1
4	☐	50.000	48.946	548099.84	0.0524	P	1.0
5	☐	125.000	123.839	1398960.39	0.1326	P	0.4
6	☐	250.000	250.313	2776233.25	0.2681	P	0.5
7	☐	500.000	497.334	5595686.28	0.5326	M	0.5
8	☐	1000.000	1001.457	11221795.91	1.0724	A	1.5
9	☐			56078.23	0.0056	P	6.0

$$y = 0.0011 * x + 2.3370E-005$$

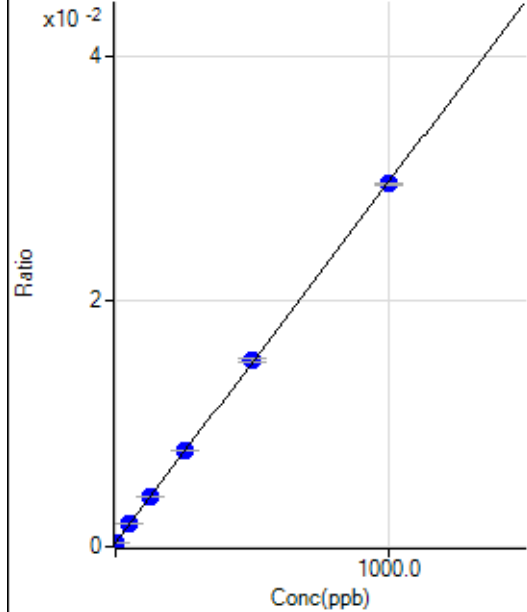
$$R = 1.0000$$

$$DL = 0.01772$$

$$BEC = 0.02182$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3764.54	0.0003	P	3.1
2	☐	0.100					
3	☐	1.000	0.906	4223.04	0.0003	P	3.6
4	☐	50.000	52.449	24549.88	0.0018	P	2.1
5	☐	125.000	129.746	56005.94	0.0041	P	0.3
6	☐	250.000	256.230	105297.98	0.0078	P	0.8
7	☐	500.000	505.525	206355.05	0.0152	P	2.0
8	☐	1000.000	994.964	401352.21	0.0295	P	0.6
9	☐			3617.27	0.0003	P	3.2

$$y = 2.9406E-005 * x + 2.8822E-004$$

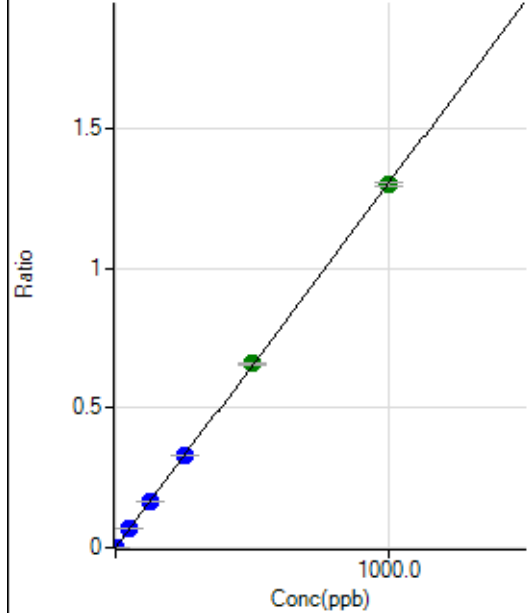
$$R = 1.0000$$

$$DL = 0.9112$$

$$BEC = 9.802$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	147.23	0.0000	P	41.3
2	☐	0.100					
3	☐	1.000	1.171	20607.43	0.0015	P	1.6
4	☐	50.000	51.960	908097.76	0.0677	P	0.4
5	☐	125.000	128.655	2287769.78	0.1676	P	0.5
6	☐	250.000	254.318	4459791.59	0.3313	P	0.3
7	☐	500.000	504.424	8949269.73	0.6572	A	1.0
8	☐	1000.000	996.154	17628899.18	1.2978	A	0.9
9	☐			2986.62	0.0002	P	12.3

$$y = 0.0013 * x + 1.1284E-005$$

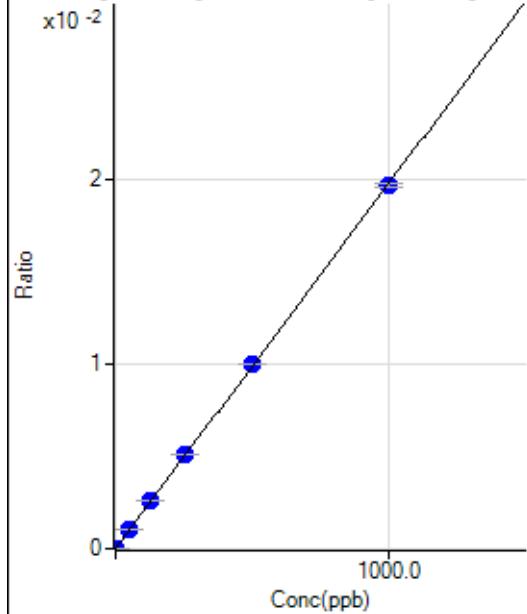
$$R = 1.0000$$

$$DL = 0.01074$$

$$BEC = 0.008661$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	12.50	0.0000	P	33.0
2	☐	0.100					
3	☐	1.000	0.922	256.95	0.0000	P	20.3
4	☐	50.000	52.329	13852.85	0.0010	P	2.4
5	☐	125.000	129.991	35001.76	0.0026	P	1.0
6	☐	250.000	259.203	68817.70	0.0051	P	1.2
7	☐	500.000	505.079	135661.14	0.0100	P	0.4
8	☐	1000.000	994.419	266408.11	0.0196	P	1.0
9	☐			70.83	0.0000	P	9.9

$$y = 1.9721E-005 * x + 9.5631E-007$$

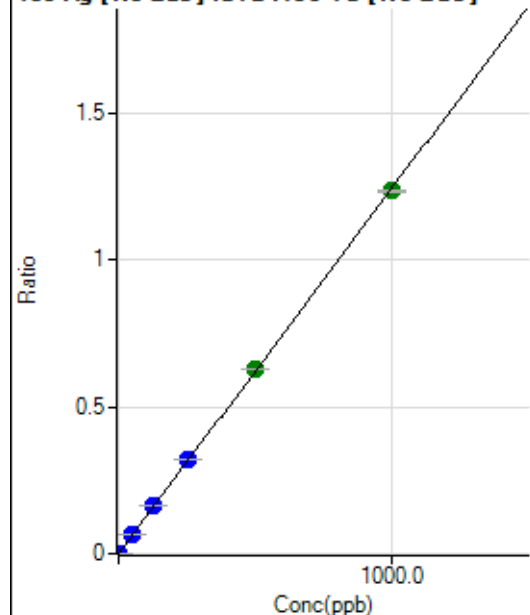
$$R = 0.9999$$

$$DL = 0.04806$$

$$BEC = 0.04849$$

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	108.34	0.0000	P	43.1
2	☐	0.100					
3	☐	1.000	1.173	19655.98	0.0015	P	0.5
4	☐	50.000	52.116	868738.42	0.0648	P	0.8
5	☐	125.000	130.187	2208148.86	0.1618	P	0.5
6	☐	250.000	257.078	4300167.98	0.3195	P	0.1
7	☐	500.000	505.974	8562566.08	0.6288	A	0.7
8	☐	1000.000	994.489	16787771.21	1.2358	A	0.4
9	☐			2847.80	0.0002	P	12.5

$$y = 0.0012 * x + 8.3036E-006$$

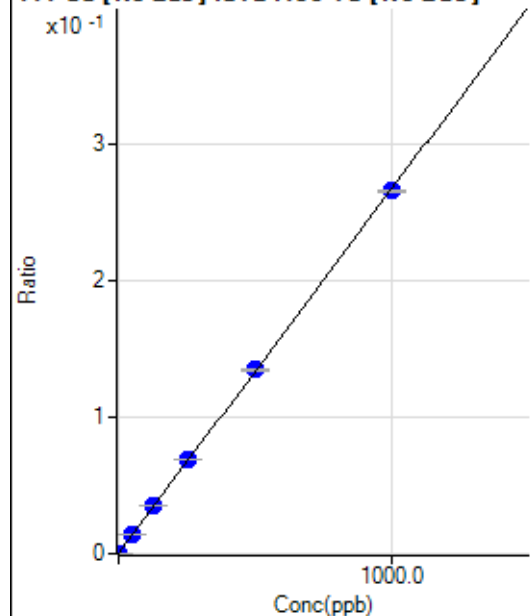
$$R = 0.9999$$

$$DL = 0.008645$$

$$BEC = 0.006682$$

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	2655.60	0.0002	P	2.6
2	☐	0.100					
3	☐	1.000	0.893	5923.90	0.0004	P	3.6
4	☐	50.000	52.105	189225.44	0.0141	P	1.3
5	☐	125.000	129.098	473003.44	0.0347	P	0.5
6	☐	250.000	257.309	927039.37	0.0689	P	0.2
7	☐	500.000	504.587	1836584.60	0.1349	P	0.6
8	☐	1000.000	995.262	3610867.38	0.2658	P	0.5
9	☐			3377.04	0.0003	P	7.7

$$y = 2.6687E-004 * x + 2.0332E-004$$

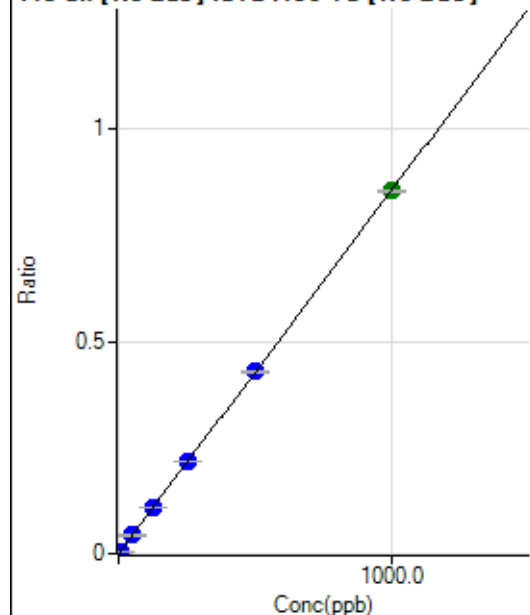
$$R = 1.0000$$

$$DL = 0.05959$$

$$BEC = 0.7619$$

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	905.63	0.0001	P	8.2
2	☐	0.500					
3	☐	5.000	4.305	50332.88	0.0038	P	0.8
4	☐	50.000	50.243	577586.08	0.0431	P	0.6
5	☐	125.000	125.245	1463702.83	0.1072	P	0.1
6	☐	250.000	252.237	2906221.29	0.2159	P	0.3
7	☐	500.000	500.748	5836274.57	0.4286	P	0.5
8	☐	1000.000	999.028	11613920.14	0.8549	A	0.8
9	☐			13279.50	0.0010	P	8.0

$$y = 8.5571E-004 * x + 6.9338E-005$$

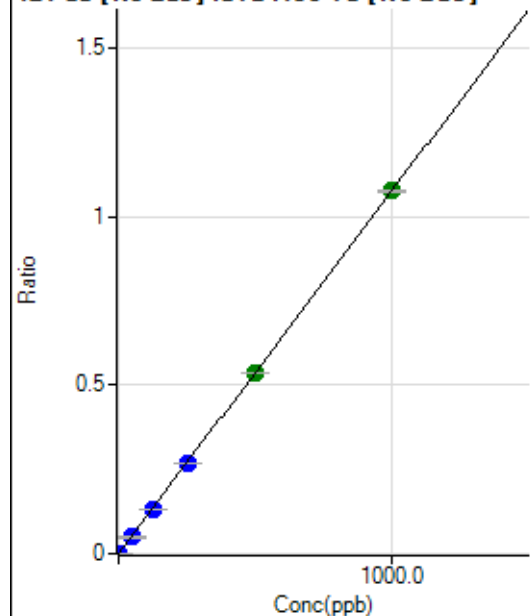
$$R = 1.0000$$

$$DL = 0.01983$$

$$BEC = 0.08103$$

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	230.57	0.0000	P	13.6
2	☐	0.200					
3	☐	2.000	1.760	25627.13	0.0019	P	3.2
4	☐	50.000	45.485	656401.10	0.0489	P	1.9
5	☐	125.000	122.056	1792105.34	0.1313	P	0.8
6	☐	250.000	248.983	3605076.64	0.2678	P	0.5
7	☐	500.000	498.910	7308234.80	0.5367	A	0.9
8	☐	1000.000	1001.394	14632230.36	1.0772	A	0.5
9	☐			59558.62	0.0046	P	5.2

$$y = 0.0011 * x + 1.7654E-005$$

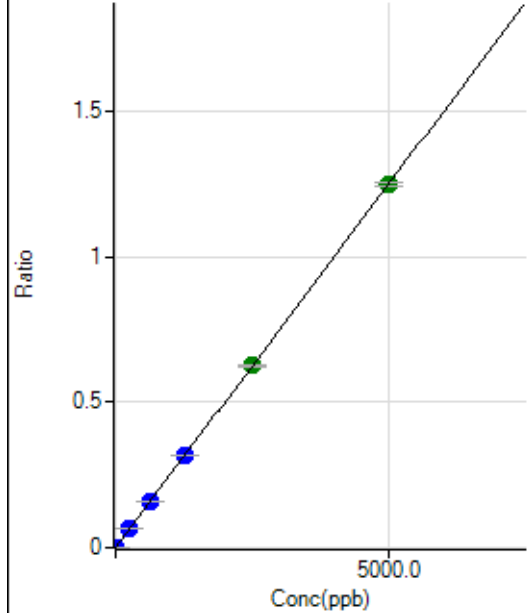
$$R = 1.0000$$

$$DL = 0.006719$$

$$BEC = 0.01641$$

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	113.89	0.0000	P	10.8
2	☐	1.000					
3	☐	10.000	8.803	29651.87	0.0022	P	1.6
4	☐	250.000	253.252	849805.57	0.0634	P	1.4
5	☐	625.000	629.089	2147945.23	0.1574	P	0.3
6	☐	1250.000	1270.093	4276658.12	0.3177	P	0.5
7	☐	2500.000	2505.245	8534573.54	0.6267	A	0.4
8	☐	5000.000	4991.683	16962251.07	1.2487	A	1.0
9	☐			7263.74	0.0006	P	6.8

$$y = 2.5015\text{E-}004 * x + 8.7180\text{E-}006$$

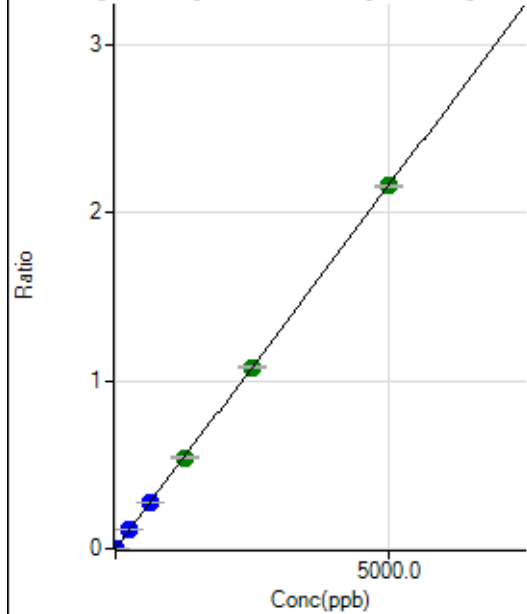
$$R = 1.0000$$

$$DL = 0.01131$$

$$BEC = 0.03485$$

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	205.57	0.0000	P	20.7
2	☐	1.000					
3	☐	10.000	8.593	49999.41	0.0037	P	1.3
4	☐	250.000	253.135	1466982.27	0.1094	P	1.1
5	☐	625.000	639.849	3773034.59	0.2764	P	0.4
6	☐	1250.000	1257.027	7309909.80	0.5431	A	0.5
7	☐	2500.000	2498.858	14701961.79	1.0796	A	0.7
8	☐	5000.000	4996.804	29325014.89	2.1587	A	0.3
9	☐			12626.96	0.0010	P	8.5

$$y = 4.3202\text{E-}004 * x + 1.5746\text{E-}005$$

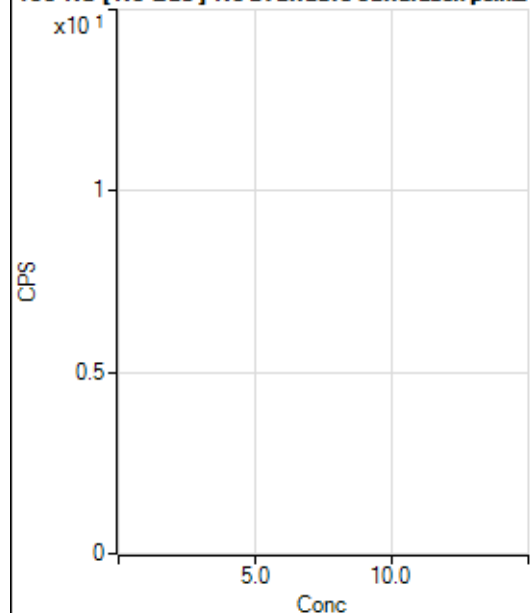
$$R = 1.0000$$

$$DL = 0.02265$$

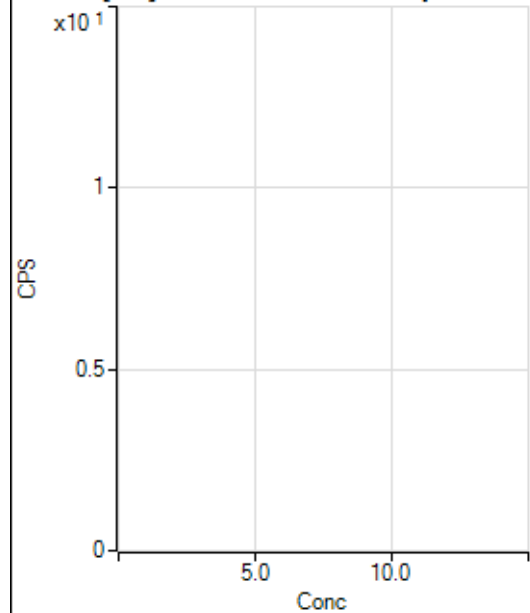
$$BEC = 0.03645$$

Weight: <None>

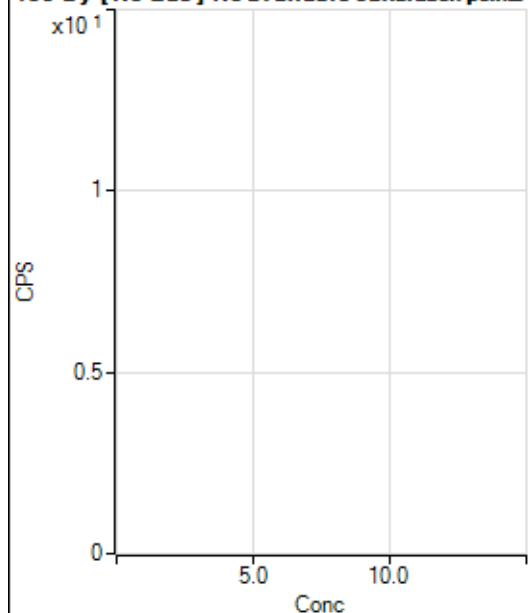
Min Conc: 0

150 Nd [No Gas] No available calibration points

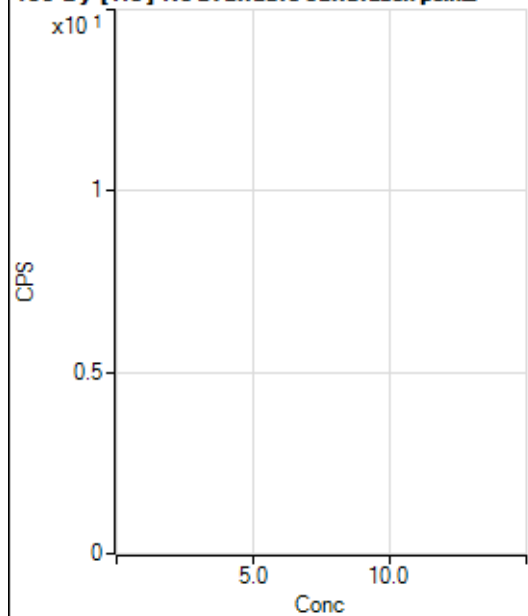
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	114.
2	☐						
3	☐			15.56		P	89.2
4	☐			84.45		P	31.9
5	☐			140.01		P	4.8
6	☐			326.68		P	15.9
7	☐			626.70		P	15.1
8	☐			1162.32		P	7.4
9	☐			164.45		P	12.4

150 Nd [He] No available calibration points

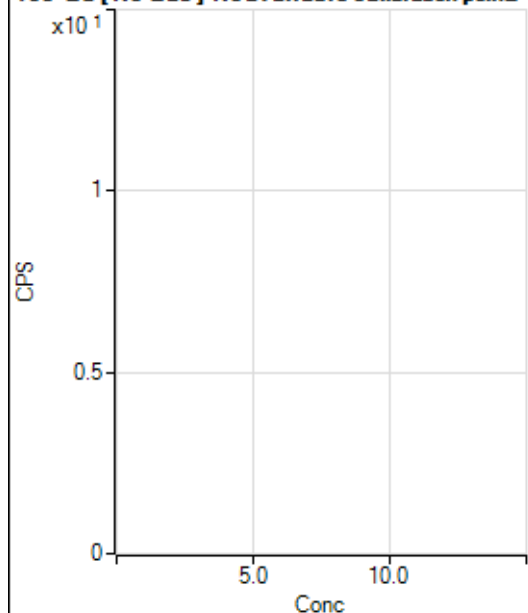
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.
2	☐						
3	☐			3.33		P	100.
4	☐			6.67		P	0.0
5	☐			26.67		P	37.5
6	☐			38.89		P	32.4
7	☐			72.23		P	16.2
8	☐			91.11		P	15.2
9	☐			58.89		P	29.0

156 Dy [No Gas] No available calibration points

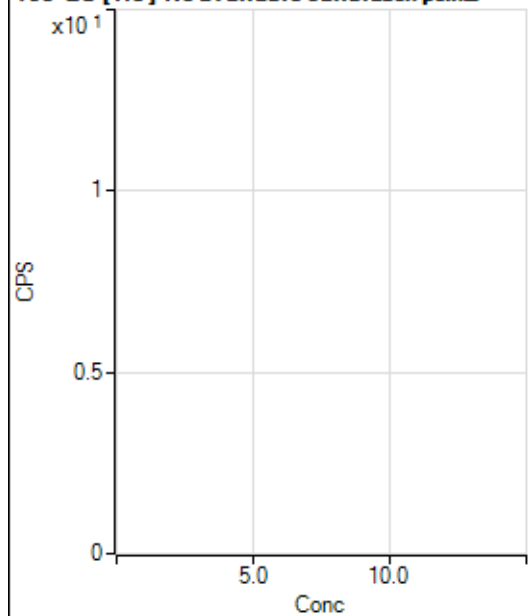
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			41.67		P	20.0
2	☐						
3	☐			61.11		P	20.8
4	☐			66.67		P	76.0
5	☐			127.78		P	7.5
6	☐			91.67		P	0.0
7	☐			319.46		P	13.4
8	☐			463.92		P	11.7
9	☐			311.13		P	23.1

156 Dy [He] No available calibration points

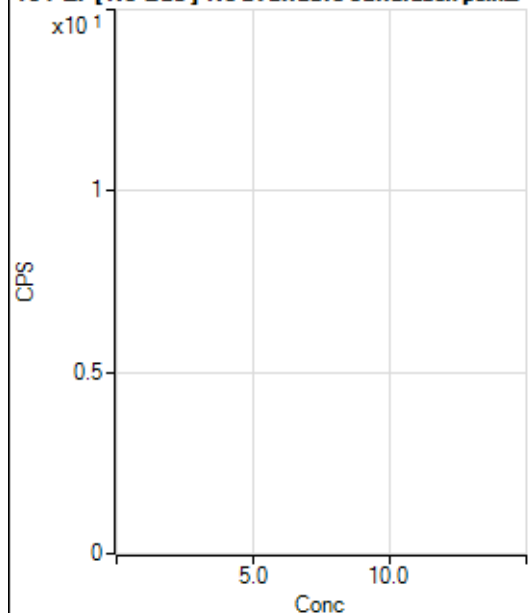
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐						
3	☐			5.56		P	34.7
4	☐			8.89		P	43.3
5	☐			16.67		P	60.0
6	☐			34.45		P	11.2
7	☐			121.12		P	8.8
8	☐			105.56		P	25.5
9	☐			91.11		P	22.1

160 Gd [No Gas] Noavailable calibration poin_

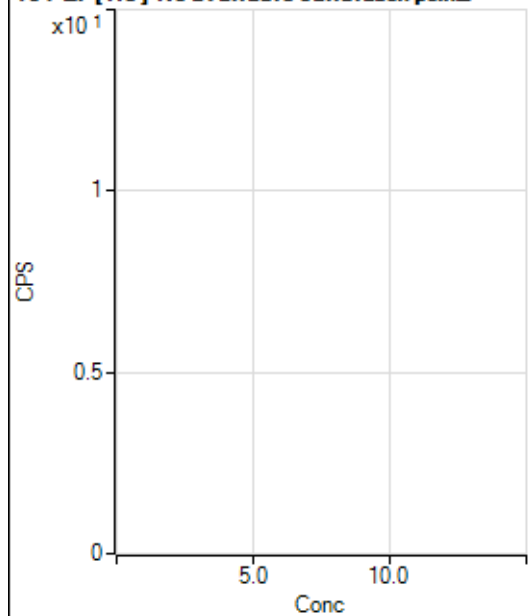
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			97.23		P	13.1
2	☐						
3	☐			91.67		P	24.1
4	☐			97.23		P	21.6
5	☐			122.23		P	3.9
6	☐			136.12		P	28.3
7	☐			166.68		P	17.3
8	☐			263.91		P	11.1
9	☐			255.57		P	15.4

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			45.56		P	27.7
2	☐						
3	☐			52.22		P	24.2
4	☐			56.67		P	15.6
5	☐			57.78		P	29.0
6	☐			66.67		P	13.2
7	☐			107.78		P	8.9
8	☐			130.00		P	11.2
9	☐			127.78		P	8.4

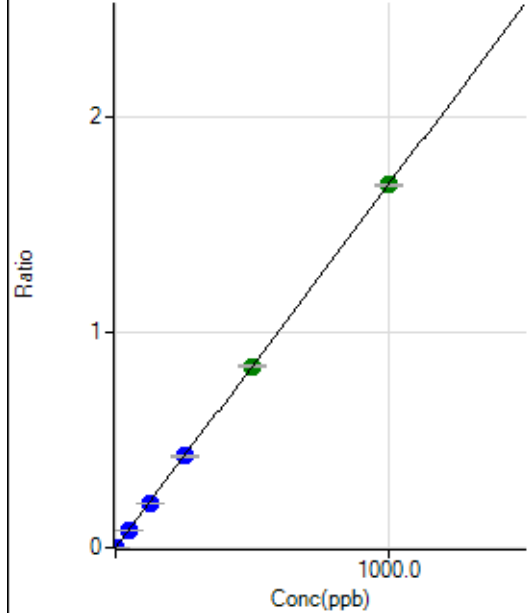
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			41.67		P	52.9
2	☐						
3	☐			50.00		P	44.1
4	☐			75.01		P	29.4
5	☐			47.23		P	20.4
6	☐			63.89		P	45.8
7	☐			75.00		P	40.1
8	☐			100.01		P	22.0
9	☐			86.12		P	24.4

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	60.0
2	☐						
3	☐			26.67		P	33.1
4	☐			23.33		P	14.3
5	☐			23.33		P	28.6
6	☐			26.67		P	12.5
7	☐			40.00		P	14.4
8	☐			48.89		P	27.5
9	☐			53.33		P	27.2

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	333.35	0.0000	P	12.7
2	☐	0.100					
3	☐	1.000	0.848	12906.83	0.0015	P	1.1
4	☐	50.000	48.576	721106.48	0.0818	P	0.2
5	☐	125.000	123.424	1843447.63	0.2078	P	0.4
6	☐	250.000	252.058	3655335.19	0.4242	P	0.3
7	☐	500.000	500.050	7346006.85	0.8416	A	0.9
8	☐	1000.000	999.729	14528610.92	1.6825	A	0.4
9	☐			6279.85	0.0008	P	5.2

$$y = 0.0017 * x + 3.8680E-005$$

$$R = 1.0000$$

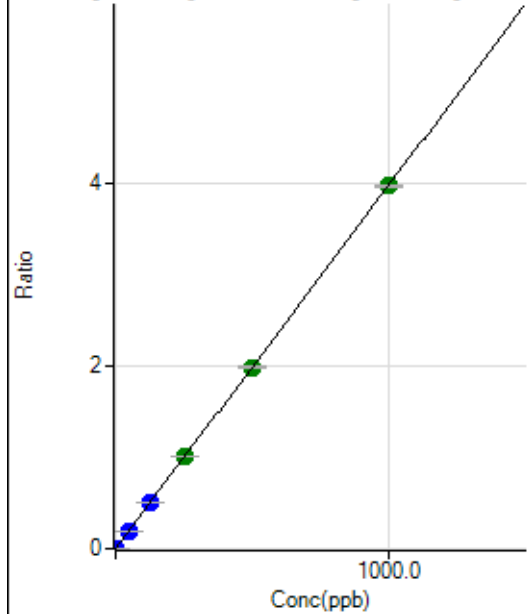
$$DL = 0.008782$$

$$BEC = 0.02298$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	766.73	0.0001	P	4.0
2	☐	0.100					
3	☐	1.000	0.849	30513.76	0.0035	P	2.7
4	☐	50.000	49.643	1742307.87	0.1976	P	0.1
5	☐	125.000	126.638	4471930.09	0.5040	P	0.2
6	☐	250.000	254.214	8715945.94	1.0116	A	1.1
7	☐	500.000	499.075	17335021.57	1.9859	A	0.8
8	☐	1000.000	999.222	34333626.11	3.9760	A	0.7
9	☐			14906.54	0.0020	P	5.6

$$y = 0.0040 * x + 8.9034E-005$$

$$R = 1.0000$$

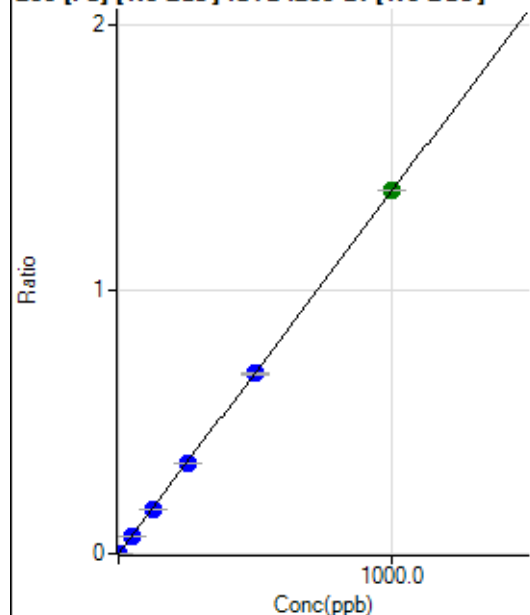
$$DL = 0.002673$$

$$BEC = 0.02238$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1470.49	0.0002	P	9.1
2	☐	0.100					
3	☐	1.000	0.957	13062.29	0.0015	P	1.4
4	☐	50.000	48.532	588281.90	0.0667	P	0.3
5	☐	125.000	123.512	1504440.16	0.1695	P	0.3
6	☐	250.000	250.176	2957446.10	0.3432	P	1.2
7	☐	500.000	496.871	5949176.58	0.6815	P	0.6
8	☐	1000.000	1001.780	11864512.19	1.3740	A	0.2
9	☐			22966.70	0.0030	P	1.2

$$y = 0.0014 * x + 1.7081E-004$$

$$R = 1.0000$$

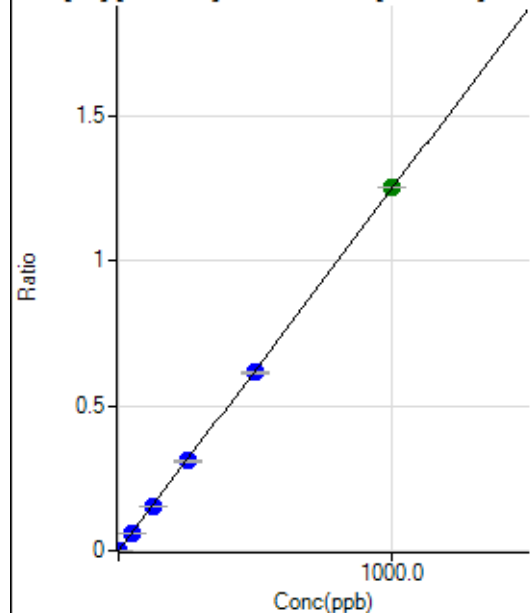
$$DL = 0.03384$$

$$BEC = 0.1246$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1322.33	0.0002	P	6.7
2	☐	0.100					
3	☐	1.000	0.924	11497.86	0.0013	P	0.6
4	☐	50.000	47.961	528827.18	0.0600	P	0.7
5	☐	125.000	122.691	1359377.97	0.1532	P	0.5
6	☐	250.000	247.647	2663035.01	0.3091	P	0.8
7	☐	500.000	493.002	5369448.73	0.6151	P	0.8
8	☐	1000.000	1004.478	10821437.16	1.2532	A	0.1
9	☐			19943.26	0.0026	P	1.1

$$y = 0.0012 * x + 1.5356E-004$$

$$R = 1.0000$$

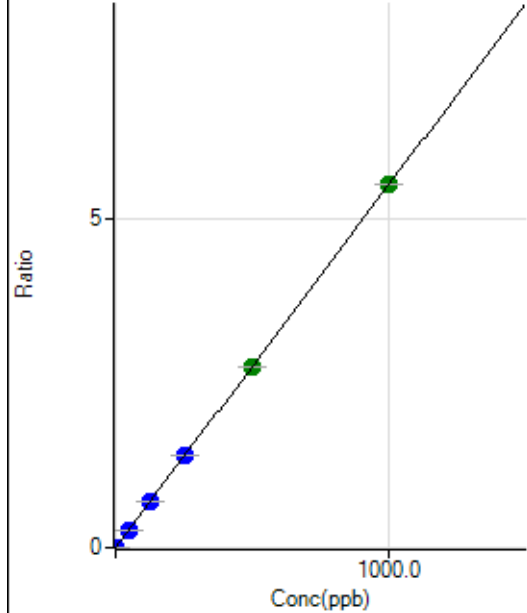
$$DL = 0.02464$$

$$BEC = 0.1231$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6097.04	0.0007	P	4.9
2	☐	0.100					
3	☐	1.000	0.951	52475.30	0.0060	P	0.3
4	☐	50.000	48.956	2389259.92	0.2710	P	0.5
5	☐	125.000	124.660	6113378.07	0.6890	P	0.0
6	☐	250.000	252.969	12040010.37	1.3974	P	0.8
7	☐	500.000	496.959	23956230.46	2.7445	A	0.3
8	☐	1000.000	1000.873	47724065.65	5.5266	A	0.1
9	☐			92060.39	0.0121	P	0.7

$$y = 0.0055 * x + 7.0804E-004$$

$$R = 1.0000$$

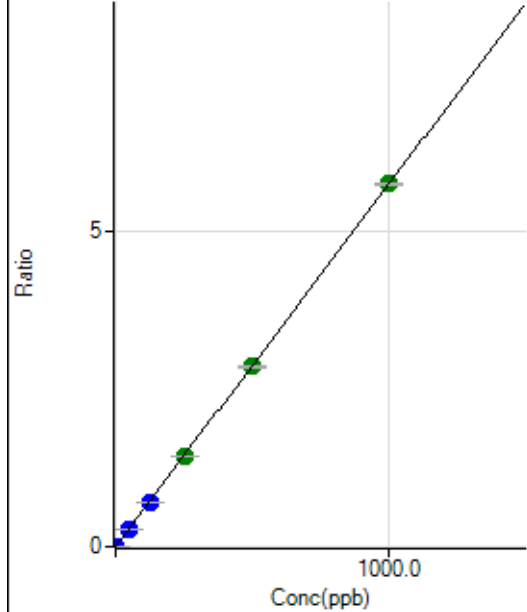
$$DL = 0.01896$$

$$BEC = 0.1282$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	336.13	0.0000	P	11.2
2	☐	0.100					
3	☐	1.000	0.827	42136.06	0.0048	P	3.1
4	☐	50.000	47.434	2401571.75	0.2724	P	0.4
5	☐	125.000	121.449	6187843.33	0.6974	P	0.2
6	☐	250.000	250.412	12388747.41	1.4378	A	0.5
7	☐	500.000	497.063	24912682.85	2.8540	A	0.3
8	☐	1000.000	1001.938	49676560.48	5.7528	A	0.8
9	☐			11147.96	0.0015	P	2.9

$$y = 0.0057 * x + 3.9055E-005$$

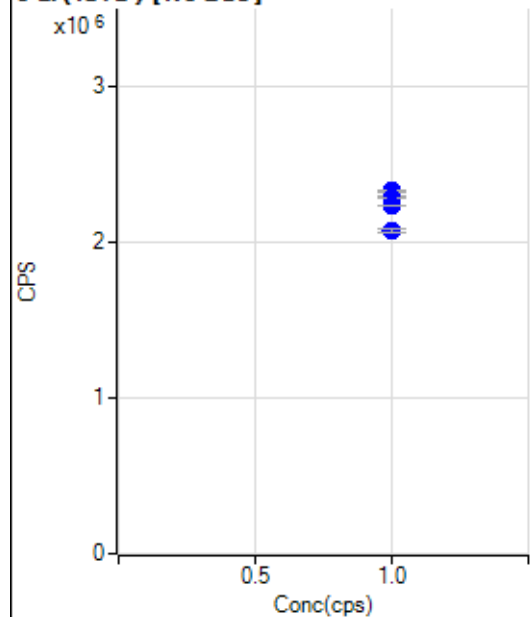
$$R = 1.0000$$

$$DL = 0.002276$$

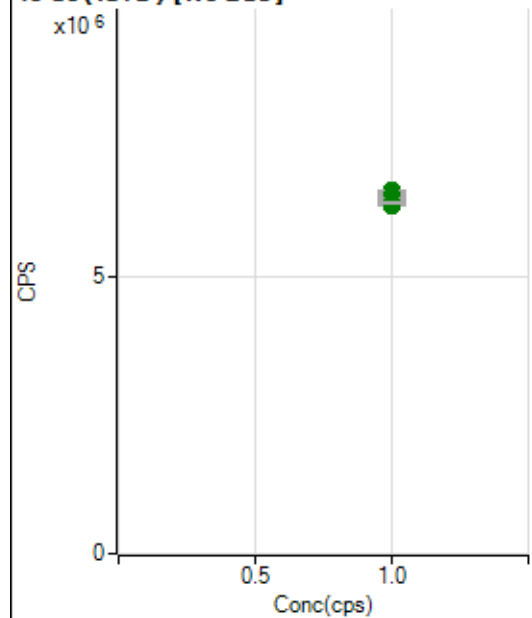
$$BEC = 0.006802$$

Weight: <None>

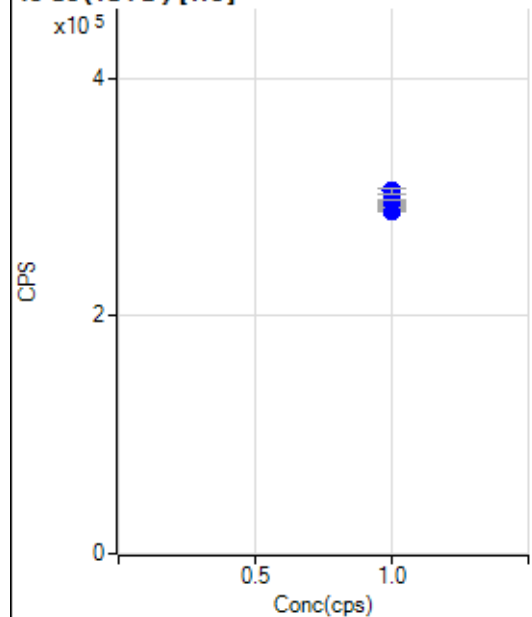
Min Conc: 0

6 Li (ISTD) [No Gas]

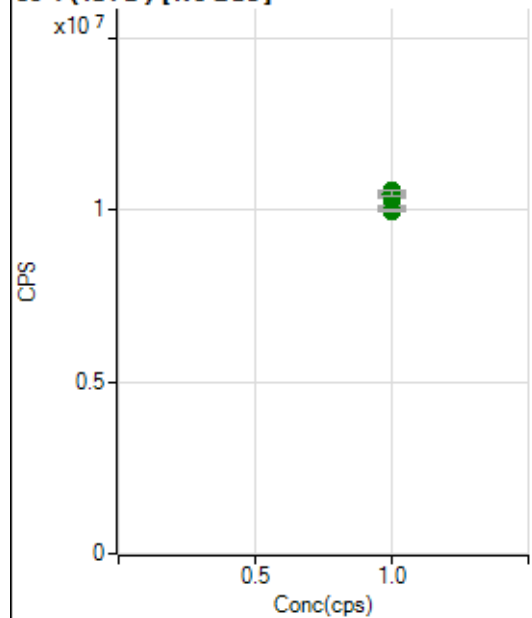
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2285370.49		P	0.4
2	☐	1.000					
3	☐	1.000		2325719.56		P	0.3
4	☐	1.000		2321810.19		P	0.8
5	☐	1.000		2323216.82		P	0.8
6	☐	1.000		2282981.11		P	0.3
7	☐	1.000		2280263.35		P	0.5
8	☐	1.000		2233712.47		P	0.2
9	☐	1.000		2070163.77		P	0.8

45 Sc (ISTD) [No Gas]

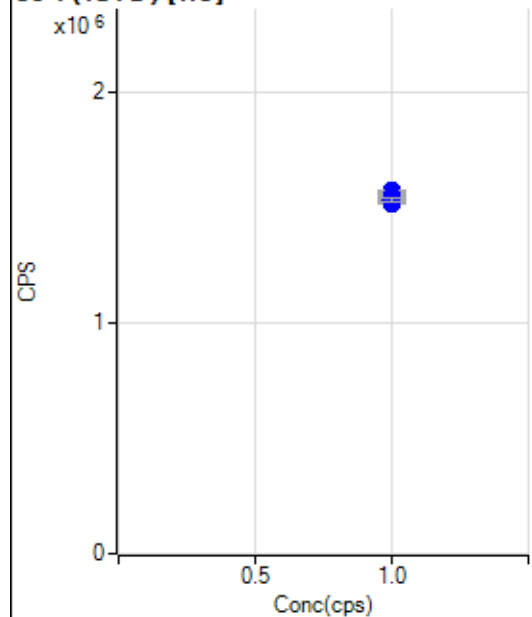
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6309849.97		A	0.5
2	☐	1.000					
3	☐	1.000		6479140.20		A	0.6
4	☐	1.000		6454591.16		A	0.5
5	☐	1.000		6561113.65		A	0.2
6	☐	1.000		6393450.36		A	0.3
7	☐	1.000		6456888.04		A	0.6
8	☐	1.000		6410211.64		A	0.9
9	☐	1.000		6338382.83		A	0.4

45 Sc (ISTD) [He]

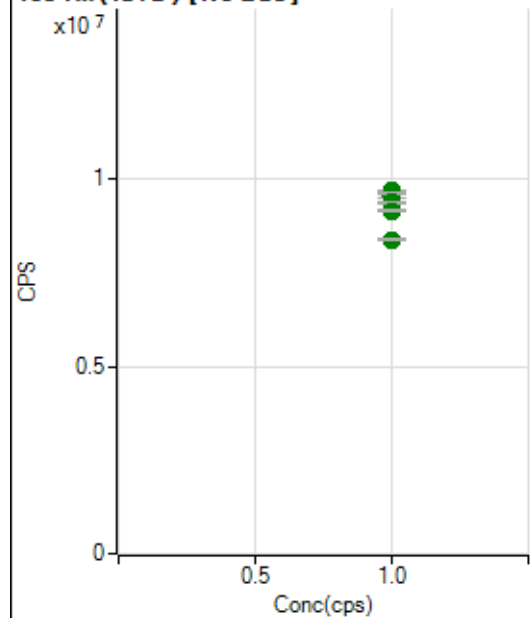
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		288818.46		P	0.6
2	☐	1.000					
3	☐	1.000		294324.23		P	0.8
4	☐	1.000		297045.20		P	0.2
5	☐	1.000		298082.30		P	0.1
6	☐	1.000		291344.18		P	0.3
7	☐	1.000		295793.67		P	0.6
8	☐	1.000		297531.65		P	0.3
9	☐	1.000		305462.33		P	1.3

89 Y (ISTD) [No Gas]

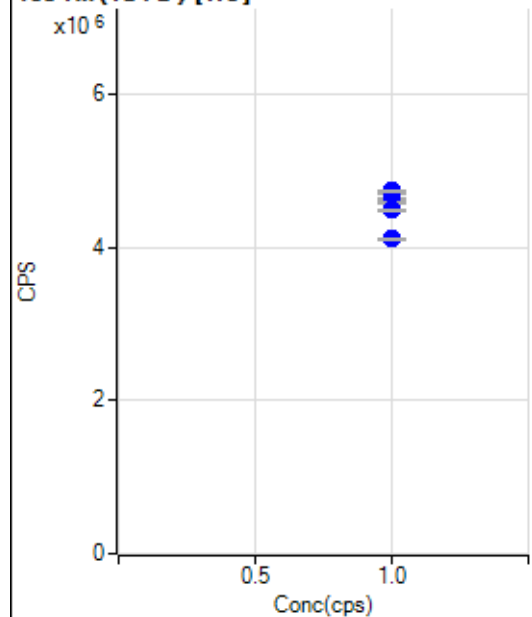
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10114580.41		A	0.6
2	☐	1.000					
3	☐	1.000		10462070.05		A	0.5
4	☐	1.000		10453045.26		A	0.1
5	☐	1.000		10547784.49		A	0.1
6	☐	1.000		10356828.46		A	0.2
7	☐	1.000		10506979.01		A	0.1
8	☐	1.000		10465909.15		A	1.5
9	☐	1.000		9969234.30		A	0.8

89 Y (ISTD) [He]

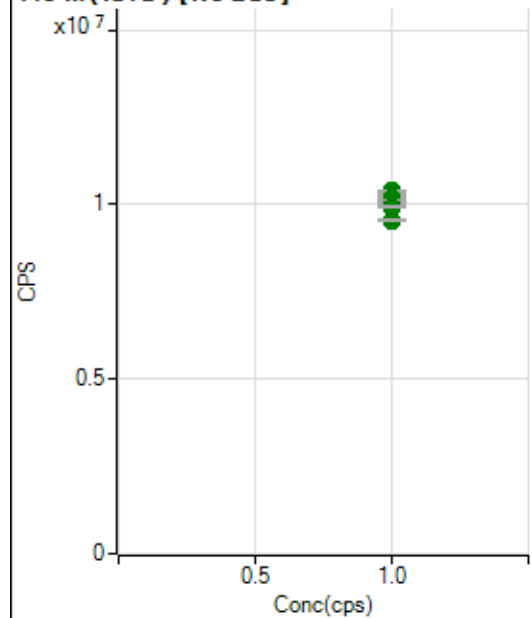
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1517107.43		P	0.5
2	☐	1.000					
3	☐	1.000		1541878.88		P	0.8
4	☐	1.000		1553713.78		P	0.4
5	☐	1.000		1569331.52		P	0.5
6	☐	1.000		1534399.23		P	0.6
7	☐	1.000		1545034.87		P	0.5
8	☐	1.000		1546776.75		P	0.6
9	☐	1.000		1529734.30		P	0.9

103 Rh (ISTD) [No Gas]

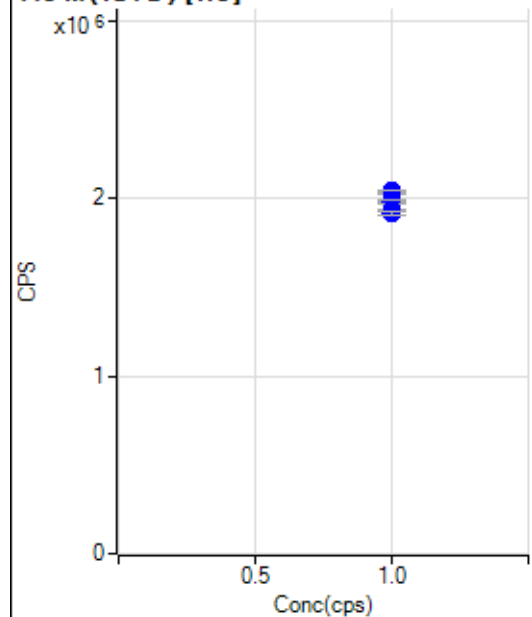
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9374161.23		A	0.2
2	☐	1.000					
3	☐	1.000		9676896.66		A	0.1
4	☐	1.000		9552802.21		A	0.9
5	☐	1.000		9628115.41		A	0.8
6	☐	1.000		9361564.62		A	0.4
7	☐	1.000		9381120.35		A	0.5
8	☐	1.000		9138854.11		A	0.6
9	☐	1.000		8383653.66		A	0.7

103 Rh (ISTD) [He]

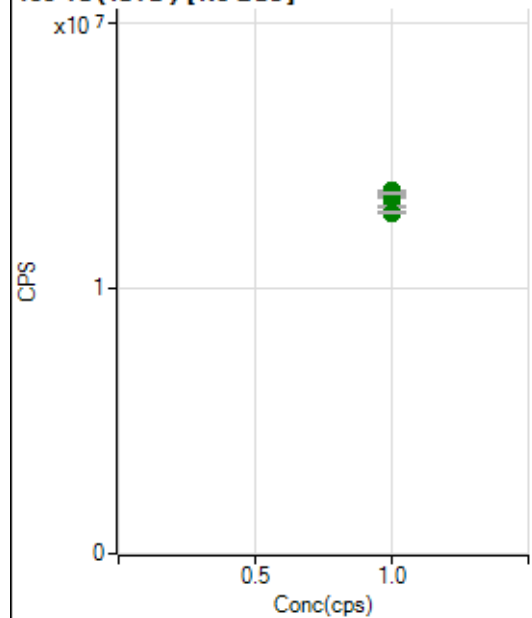
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4630505.17		P	0.7
2	☐	1.000					
3	☐	1.000		4728152.67		P	0.7
4	☐	1.000		4721774.65		P	0.5
5	☐	1.000		4740797.39		P	0.2
6	☐	1.000		4587032.40		P	0.4
7	☐	1.000		4582105.28		P	0.6
8	☐	1.000		4490461.29		P	0.6
9	☐	1.000		4115201.54		P	0.5

115 In (ISTD) [No Gas]

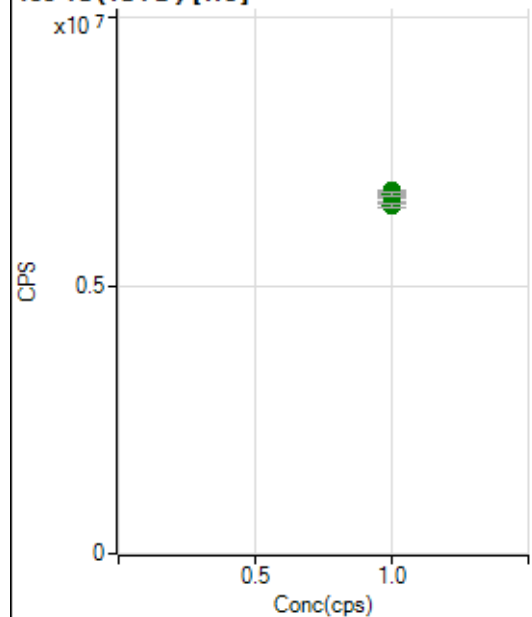
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10051118.43		A	0.5
2	☐	1.000					
3	☐	1.000		10366742.90		A	0.1
4	☐	1.000		10295036.92		A	0.5
5	☐	1.000		10386846.45		A	0.3
6	☐	1.000		10203786.52		A	0.6
7	☐	1.000		10135112.07		A	0.1
8	☐	1.000		9921297.67		A	0.7
9	☐	1.000		9538907.24		A	0.5

115 In (ISTD) [He]

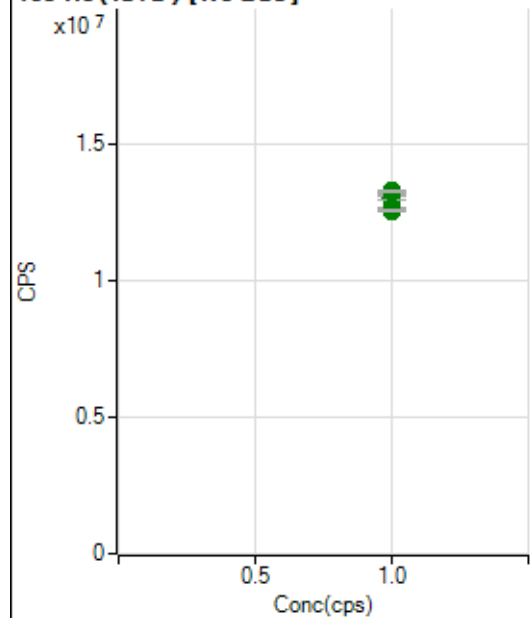
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1988657.85		P	0.4
2	☐	1.000					
3	☐	1.000		2026795.19		P	0.6
4	☐	1.000		2028301.92		P	0.8
5	☐	1.000		2042357.14		P	0.1
6	☐	1.000		1982339.05		P	0.1
7	☐	1.000		1977285.18		P	1.0
8	☐	1.000		1933827.53		P	0.5
9	☐	1.000		1920232.00		P	1.1

159 Tb (ISTD) [No Gas]

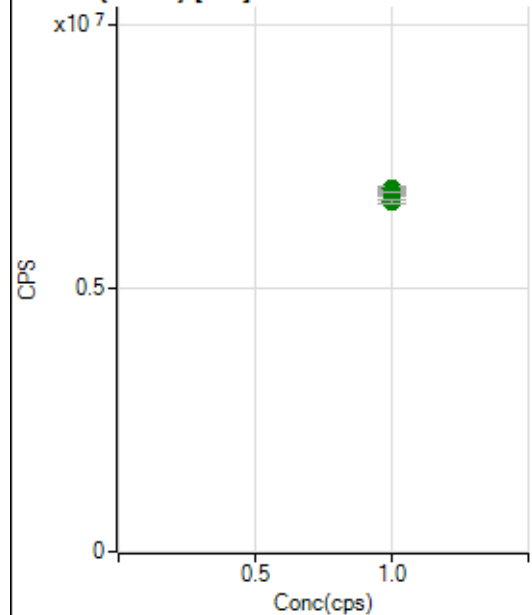
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13060562.44		A	0.4
2	☐	1.000					
3	☐	1.000		13411999.66		A	0.6
4	☐	1.000		13413069.24		A	0.9
5	☐	1.000		13648469.52		A	0.2
6	☐	1.000		13460319.24		A	0.3
7	☐	1.000		13618469.38		A	0.7
8	☐	1.000		13584450.22		A	0.7
9	☐	1.000		12819336.62		A	0.4

159 Tb (ISTD) [He]

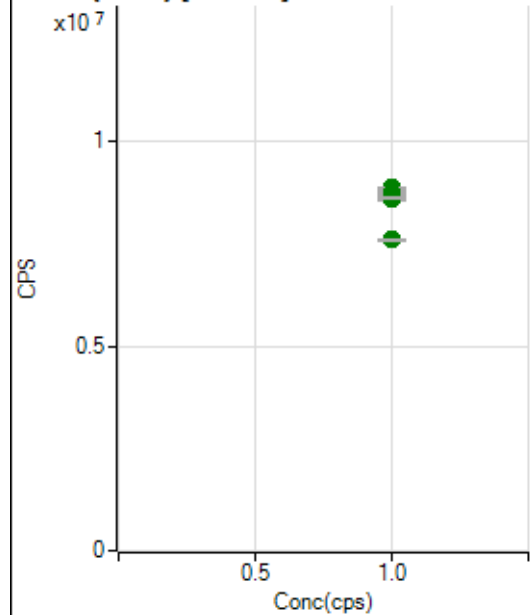
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6568169.90		A	0.1
2	☐	1.000					
3	☐	1.000		6669451.98		A	0.7
4	☐	1.000		6737906.08		A	0.3
5	☐	1.000		6760245.45		A	1.1
6	☐	1.000		6686055.87		A	0.5
7	☐	1.000		6773451.91		A	0.5
8	☐	1.000		6715133.44		A	0.9
9	☐	1.000		6498948.44		A	0.7

165 Ho (ISTD) [No Gas]

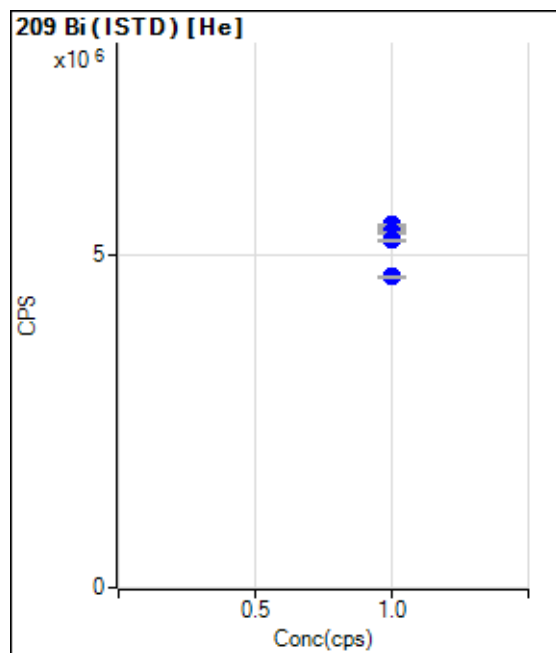
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12660040.73		A	0.8
2	☐	1.000					
3	☐	1.000		12988978.94		A	0.1
4	☐	1.000		13049122.34		A	0.7
5	☐	1.000		13251414.88		A	0.7
6	☐	1.000		13050536.32		A	0.8
7	☐	1.000		13240761.50		A	0.3
8	☐	1.000		13295266.44		A	0.2
9	☐	1.000		12561128.40		A	0.7

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6645031.36		A	1.0
2	☐	1.000					
3	☐	1.000		6760920.87		A	0.2
4	☐	1.000		6773913.72		A	0.6
5	☐	1.000		6868766.15		A	0.7
6	☐	1.000		6789836.29		A	0.3
7	☐	1.000		6878927.54		A	1.0
8	☐	1.000		6821932.54		A	0.4
9	☐	1.000		6633796.50		A	0.7

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8614218.41		A	1.2
2	☐	1.000					
3	☐	1.000		8804657.02		A	0.7
4	☐	1.000		8816677.16		A	0.3
5	☐	1.000		8873286.19		A	0.4
6	☐	1.000		8616551.61		A	0.9
7	☐	1.000		8728972.09		A	0.3
8	☐	1.000		8635309.18		A	0.6
9	☐	1.000		7608120.02		A	0.6



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5331728.05		P	0.8
2	☐	1.000					
3	☐	1.000		5357687.91		P	0.5
4	☐	1.000		5414233.18		P	0.5
5	☐	1.000		5452044.78		P	0.6
6	☐	1.000		5336487.63		P	0.4
7	☐	1.000		5330404.99		P	0.1
8	☐	1.000		5220879.33		P	0.5
9	☐	1.000		4669137.64		P	0.4

US EPA Tune Check Sample Report

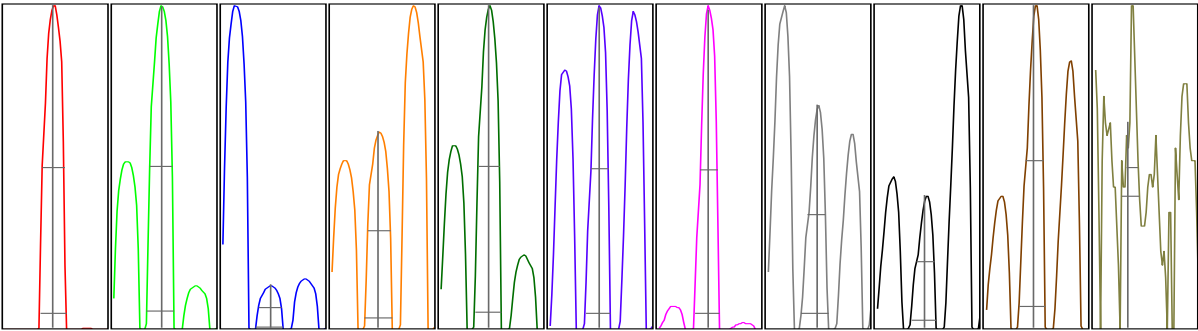
Batch Folder D:\ICP-MS Data\P7052417 .b .b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	106224	1.06	5.00	
24	1492499	0.91	5.00	
25	202895	1.26	5.00	
26	235068	1.08	5.00	
59	1026123	0.83	5.00	
113	137134	0.65	5.00	
115	1844328	0.89	5.00	
206	373708	0.68	5.00	
207	330961	0.49	5.00	
208	803543	1.07	5.00	
220	6	40.40		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	107438	106037	104426	106485	106732
24	1508146	1491559	1470911	1494224	1497656
25	205345	202642	198879	202777	204831
26	237657	234429	231040	235817	236398
59	1032805	1026966	1011292	1030410	1029142
113	138530	136175	136643	137004	137319
115	1864932	1842412	1819564	1850083	1844648
206	374215	371913	370462	375206	376742
207	331978	330654	328326	331413	332436
208	809795	804502	789068	810121	804229
220	3	9	8	6	5

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	18250	8.95	8.9 - 9.1		0.779	0.900	
24	244990	23.95	23.9 - 24.1		0.786	0.900	
25	32791	24.95	24.9 - 25.1		0.787	0.900	
26	38371	25.90	25.9 - 26.1		0.785	0.900	
59	176660	58.95	58.9 - 59.1		0.779	0.900	
113	26731	113.00	112.9 - 113.1		0.731	0.900	
115	365265	115.00	114.9 - 115.1		0.726	0.900	
206	75059	206.00	205.9 - 206.1		0.772	0.900	
207	65514	206.95	206.9 - 207.1		0.731	0.900	
208	159310	207.95	207.9 - 208.1		0.750	0.900	
220	1	219.55	-		0.505		

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	8.8	V			
Extract 2	-180.0	V	Cell Entrance	-30	V			
Omega Bias	-85	V	Cell Exit	-50	V			
Deflect	13.4	V						

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	false		OctP Bias	-8.0	V			
He Flow	0.0	mL/min	OctP RF	170	V			
Energy Discrimination	5.0	V						

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	274226	0.74	
89	67132	0.97	
205	345808	0.60	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	276915	274971	271329	273675	274239
89	68153	66677	66496	67011	67323
205	348088	346852	344464	342940	346698

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.1	V			
Extract 2	-180.0	V	Cell Entrance	-40	V			
Omega Bias	-85	V	Cell Exit	-60	V			
Deflect	2.0	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 : LB87715 Operator : Jaswal
 Lab Sample ID : S00 Instrumnet Name : P7
 Client Sample ID : S00 Dilution Factor : 1
 Date & Time Acquired :: 2017-05-24 12:38:19 DataFile Name : 003CALB_P7052417 .b .l

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.04	-0.15	0.10	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.01	-0.02	0.01	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.00	-0.01	0.01	0.00	N/A	ppb
Beryllium	9-1	0.00	0.01	-0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.05	0.11	-0.05	0.00	N/A	ppb
Boron	11-1	0.02	0.01	-0.03	0.00	N/A	ppb
Cadmium	111-1	0.00	0.02	-0.02	0.00	N/A	ppb
Cadmium	106-1	0.04	0.28	-0.32	0.00	N/A	ppb
Cadmium	108-1	0.02	0.00	-0.02	0.00	N/A	ppb
Calcium	43-1	1.22	-0.51	-0.71	0.00	N/A	ppb
Calcium	44-1	-0.03	0.18	-0.16	0.00	N/A	ppb
Chromium	52-2	0.01	0.03	-0.03	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.00	0.00	0.00	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	-0.02	0.05	-0.03	0.00	N/A	ppb
Iron	57-2	0.18	-0.35	0.17	0.00	N/A	ppb
Lead	206-1	-0.01	0.01	0.00	0.00	N/A	ppb
Lead	207-1	-0.01	0.01	0.00	0.00	N/A	ppb
Lead	208-1	-0.01	0.01	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.26	0.32	-0.06	0.00	N/A	ppb
Manganese	55-2	0.00	0.01	-0.01	0.00	N/A	ppb

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 12:38:19	DataFile Name :	003CALB_P7052417 .b .l

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	95-1	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	96-1	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	98-1	0.00	-0.01	0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.01	0.01	0.00	N/A	ppb
Phosphorus	31-2	11.21	5.76	7.29	8.08	34.78	ppb
Potassium	39-2	-0.22	0.83	-0.60	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	0.22	-0.11	-0.11	0.00	N/A	ppb
Selenium	78-2	-0.19	-0.32	0.51	0.00	N/A	ppb
Selenium	82-1	-0.07	0.15	-0.07	0.00	N/A	ppb
Silicon	28-1	-0.38	0.19	0.20	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-0.15	-0.13	0.28	0.00	N/A	ppb
Strontium	86-1	-0.03	0.01	0.02	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-19.03	152.48	137.39	90.28	105.19	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	0.00	0.01	0.00	0.00	N/A	ppb
Titanium	47-1	0.01	0.01	-0.02	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.00	-0.01	0.01	0.00	N/A	ppb
Zirconium	90-1	0.00	-0.01	0.01	0.00	N/A	ppb

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 12:38:19	DataFile Name :	003CALB_P7052417 .b .l

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

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 12:45:57	DataFile Name :	005CALS_P7052417 .b .l

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.98	16.57	16.51	16.35	2.00	ppb
Antimony	121-1	1.74	1.72	1.83	1.76	3.24	ppb
Arsenic	75-2	0.89	0.81	0.93	0.87	7.05	ppb
Barium	135-1	8.96	8.69	8.76	8.80	1.57	ppb
Barium	137-1	8.53	8.53	8.72	8.59	1.31	ppb
Beryllium	9-1	0.74	0.95	0.89	0.86	12.26	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	10-1	20.61	22.21	21.52	21.45	3.73	ppb
Boron	11-1	20.62	20.84	20.66	20.71	0.57	ppb
Cadmium	111-1	0.82	0.93	0.93	0.89	6.75	ppb
Cadmium	106-1	0.65	1.35	0.71	0.91	42.67	ppb
Cadmium	108-1	1.06	1.00	0.70	0.92	21.38	ppb
Calcium	43-1	417.93	408.59	406.44	410.99	1.49	ppb
Calcium	44-1	421.43	417.40	419.87	419.57	0.49	ppb
Chromium	52-2	1.87	1.83	1.90	1.86	1.77	ppb
Cobalt	59-2	0.90	0.91	0.94	0.92	2.07	ppb
Copper	63-2	2.09	2.15	2.11	2.12	1.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	44.66	43.76	44.29	44.24	1.03	ppb
Iron	57-2	47.06	45.90	44.77	45.91	2.50	ppb
Lead	206-1	0.96	0.97	0.94	0.96	1.53	ppb
Lead	207-1	0.92	0.93	0.92	0.92	0.67	ppb
Lead	208-1	0.95	0.95	0.95	0.95	0.35	ppb
Lithium	6-1				102		%
Magnesium	24-2	446.93	442.27	446.27	445.16	0.57	ppb
Manganese	55-2	0.76	0.70	0.78	0.75	5.34	ppb

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 12:45:57	DataFile Name :	005CAL5_P7052417 .b .l

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.84	1.84	1.78	1.82	2.06	ppb
Molybdenum	95-1	4.37	4.17	4.23	4.26	2.46	ppb
Molybdenum	96-1	3.69	3.68	3.53	3.63	2.50	ppb
Molybdenum	97-1	4.16	4.07	4.30	4.18	2.85	ppb
Molybdenum	98-1	4.19	4.11	4.19	4.16	1.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.93	0.87	1.00	0.93	6.91	ppb
Phosphorus	31-2	-9.67	-2.25	-12.33	-8.08		ppb
Potassium	39-2	433.42	423.63	436.22	431.09	1.53	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	77-2	2.48	2.44	6.93	3.95	65.36	ppb
Selenium	78-2	4.56	5.45	4.64	4.88	10.16	ppb
Selenium	82-1	4.92	4.18	4.35	4.48	8.65	ppb
Silicon	28-1	9.09	8.32	9.56	8.99	6.94	ppb
Silver	109-1	1.18	1.17	1.17	1.17	0.53	ppb
Silver	107-1	1.15	1.18	1.18	1.17	1.65	ppb
Sodium	23-2	452.37	449.65	454.30	452.11	0.52	ppb
Strontium	86-1	0.81	0.89	0.73	0.81	10.10	ppb
Strontium	88-1	0.88	0.88	0.89	0.88	0.92	ppb
Sulfur	34-1	-124.98	-139.69	-6.17	-90.28		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.85	0.84	0.86	0.85	1.09	ppb
Thallium	205-1	0.88	0.84	0.83	0.85	2.76	ppb
Tin	118-1	4.34	4.26	4.31	4.30	0.86	ppb
Titanium	47-1	4.43	4.22	4.11	4.25	3.75	ppb
Uranium	238-1	0.83	0.85	0.80	0.83	3.09	ppb
Vanadium	51-2	4.28	4.40	4.39	4.36	1.59	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	1.94	1.70	1.79	1.81	6.73	ppb
Zirconium	90-1	0.76	0.74	0.75	0.75	1.50	ppb

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 12:45:57	DataFile Name :	005CALS_P7052417 .b .l

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.75	0.80	0.79	0.78	3.85	ppb

LB Number : LB87715 Operator : Jaswal
 Lab Sample ID : S03 Instrumnet Name : P7
 Client Sample ID : S03 Dilution Factor : 1
 Date & Time Acquired :: 2017-05-24 12:49:47 DataFile Name : 006CAL5_P7052417 .b .l

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	981.22	985.52	976.47	981.07	0.46	ppb
Antimony	121-1	46.46	45.06	44.94	45.48	1.86	ppb
Arsenic	75-2	50.62	50.40	49.79	50.27	0.86	ppb
Barium	135-1	255.44	249.31	255.01	253.25	1.35	ppb
Barium	137-1	254.86	250.06	254.49	253.13	1.06	ppb
Beryllium	9-1	50.22	50.57	50.35	50.38	0.36	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Boron	10-1	50.62	49.25	49.85	49.91	1.38	ppb
Boron	11-1	49.82	49.92	50.49	50.08	0.72	ppb
Cadmium	111-1	52.92	51.62	51.78	52.11	1.36	ppb
Cadmium	106-1	53.91	51.48	51.96	52.45	2.45	ppb
Cadmium	108-1	53.70	51.28	52.00	52.33	2.37	ppb
Calcium	43-1	4862.54	4842.94	4900.10	4868.53	0.60	ppb
Calcium	44-1	4977.75	4993.08	4988.59	4986.47	0.16	ppb
Chromium	52-2	51.42	51.59	51.62	51.54	0.21	ppb
Cobalt	59-2	52.80	52.86	52.77	52.81	0.09	ppb
Copper	63-2	105.17	106.44	105.54	105.71	0.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	56-2	2622.67	2600.20	2605.31	2609.39	0.45	ppb
Iron	57-2	2577.06	2575.93	2599.21	2584.07	0.51	ppb
Lead	206-1	48.67	48.53	48.39	48.53	0.29	ppb
Lead	207-1	48.38	47.74	47.77	47.96	0.75	ppb
Lead	208-1	49.26	48.82	48.79	48.96	0.53	ppb
Lithium	6-1				102		%
Magnesium	24-2	5109.14	5123.28	5088.71	5107.04	0.34	ppb
Manganese	55-2	102.51	100.28	102.09	101.63	1.16	ppb

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 12:49:47	DataFile Name :	006CAL5_P7052417 .b .l

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	48.34	49.29	48.65	48.76	0.99	ppb
Molybdenum	95-1	49.44	49.53	49.51	49.50	0.10	ppb
Molybdenum	96-1	49.16	49.49	49.34	49.33	0.33	ppb
Molybdenum	97-1	49.48	50.01	49.45	49.64	0.63	ppb
Molybdenum	98-1	48.64	49.50	48.70	48.95	0.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.40	53.53	52.84	52.92	1.08	ppb
Phosphorus	31-2	997.19	1017.58	1010.56	1008.44	1.03	ppb
Potassium	39-2	2499.41	2504.45	2498.44	2500.77	0.13	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	77-2	42.65	44.47	47.11	44.74	5.01	ppb
Selenium	78-2	49.95	51.39	47.94	49.76	3.48	ppb
Selenium	82-1	49.66	51.58	51.81	51.02	2.32	ppb
Silicon	28-1	61.27	61.47	63.64	62.13	2.12	ppb
Silver	109-1	52.48	51.70	52.16	52.12	0.75	ppb
Silver	107-1	52.16	52.01	51.72	51.96	0.43	ppb
Sodium	23-2	5148.99	5184.70	5171.29	5168.33	0.35	ppb
Strontium	86-1	51.70	52.11	51.63	51.81	0.50	ppb
Strontium	88-1	51.54	52.24	51.73	51.84	0.69	ppb
Sulfur	34-1	758.92	744.51	861.60	788.34	8.10	ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	48.45	48.64	48.65	48.58	0.23	ppb
Thallium	205-1	49.70	49.58	49.65	49.64	0.13	ppb
Tin	118-1	50.44	49.87	50.42	50.24	0.65	ppb
Titanium	47-1	49.89	50.06	51.30	50.41	1.53	ppb
Uranium	238-1	47.59	47.24	47.48	47.43	0.38	ppb
Vanadium	51-2	50.17	50.17	50.28	50.21	0.13	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	104.42	105.99	104.32	104.91	0.89	ppb
Zirconium	90-1	49.28	49.31	49.30	49.30	0.03	ppb

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 12:49:47	DataFile Name :	006CALS_P7052417 .b .l

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	48.48	49.11	49.55	49.05	1.09	ppb

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 12:53:47	DataFile Name :	007CALS_P7052417 .b .l

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2485.25	2439.29	2448.89	2457.81	0.99	ppb
Antimony	121-1	122.96	122.17	121.04	122.06	0.79	ppb
Arsenic	75-2	126.41	126.14	125.62	126.06	0.32	ppb
Barium	135-1	631.00	627.41	628.86	629.09	0.29	ppb
Barium	137-1	638.74	642.66	638.15	639.85	0.38	ppb
Beryllium	9-1	127.67	125.69	127.71	127.02	0.91	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Boron	10-1	125.08	125.54	125.45	125.35	0.20	ppb
Boron	11-1	124.44	124.23	126.96	125.21	1.21	ppb
Cadmium	111-1	128.43	129.58	129.28	129.10	0.46	ppb
Cadmium	106-1	130.29	129.37	129.58	129.75	0.37	ppb
Cadmium	108-1	129.95	128.65	131.37	129.99	1.04	ppb
Calcium	43-1	12285.36	12208.26	12210.81	12234.81	0.36	ppb
Calcium	44-1	12227.53	12332.25	12295.95	12285.25	0.43	ppb
Chromium	52-2	129.27	127.69	127.73	128.23	0.70	ppb
Cobalt	59-2	132.03	131.75	131.24	131.67	0.30	ppb
Copper	63-2	265.93	264.87	264.11	264.97	0.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				103		%
Iron	56-2	6513.21	6513.54	6534.60	6520.45	0.19	ppb
Iron	57-2	6554.62	6498.82	6476.15	6509.87	0.62	ppb
Lead	206-1	123.90	123.35	123.29	123.51	0.27	ppb
Lead	207-1	123.16	122.89	122.02	122.69	0.49	ppb
Lead	208-1	124.65	124.69	124.65	124.66	0.02	ppb
Lithium	6-1				102		%
Magnesium	24-2	12949.50	12853.77	12796.31	12866.53	0.60	ppb
Manganese	55-2	258.07	255.22	255.30	256.20	0.63	ppb

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 12:53:47	DataFile Name :	007CAL5_P7052417 .b .l

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	124.50	123.06	123.60	123.72	0.59	ppb
Molybdenum	95-1	126.61	124.84	126.35	125.93	0.76	ppb
Molybdenum	96-1	125.97	125.84	125.15	125.65	0.35	ppb
Molybdenum	97-1	125.47	126.32	125.69	125.83	0.35	ppb
Molybdenum	98-1	124.27	124.03	123.22	123.84	0.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	132.78	132.04	131.30	132.04	0.56	ppb
Phosphorus	31-2	2587.36	2609.28	2587.43	2594.69	0.49	ppb
Potassium	39-2	6316.88	6261.42	6291.11	6289.80	0.44	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	77-2	123.78	136.20	124.52	128.16	5.44	ppb
Selenium	78-2	127.11	125.75	126.10	126.32	0.56	ppb
Selenium	82-1	129.62	129.89	130.15	129.89	0.21	ppb
Silicon	28-1	155.52	157.15	158.54	157.07	0.96	ppb
Silver	109-1	130.72	130.38	129.47	130.19	0.50	ppb
Silver	107-1	127.96	129.21	128.79	128.65	0.49	ppb
Sodium	23-2	12910.10	12875.18	12721.06	12835.45	0.78	ppb
Strontium	86-1	129.40	129.67	130.59	129.88	0.48	ppb
Strontium	88-1	131.56	131.49	132.15	131.73	0.28	ppb
Sulfur	34-1	2131.63	2106.50	2064.46	2100.86	1.62	ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	122.95	123.81	123.51	123.42	0.36	ppb
Thallium	205-1	126.52	126.96	126.44	126.64	0.22	ppb
Tin	118-1	125.35	125.28	125.11	125.25	0.10	ppb
Titanium	47-1	125.69	124.47	126.21	125.46	0.71	ppb
Uranium	238-1	121.53	121.23	121.58	121.45	0.16	ppb
Vanadium	51-2	125.89	126.15	126.14	126.06	0.12	ppb
Yttrium	89-1				104		%
Yttrium	89-2				103		%
Zinc	66-2	265.74	262.31	262.94	263.66	0.69	ppb
Zirconium	90-1	125.25	125.25	125.42	125.30	0.08	ppb

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 12:53:47	DataFile Name :	007CALS_P7052417 .b .l

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	123.90	124.90	124.49	124.43	0.40	ppb

LB Number : LB87715 Operator : Jaswal
 Lab Sample ID : S05 Instrumnet Name : P7
 Client Sample ID : S05 Dilution Factor : 1
 Date & Time Acquired :: 2017-05-24 12:57:30 DataFile Name : 008CAL5_P7052417 .b .l

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4886.29	4879.48	4849.28	4871.68	0.40	ppb
Antimony	121-1	249.05	250.25	247.65	248.98	0.52	ppb
Arsenic	75-2	252.42	253.92	248.95	251.76	1.01	ppb
Barium	135-1	1265.45	1276.85	1267.97	1270.09	0.47	ppb
Barium	137-1	1257.20	1263.03	1250.85	1257.03	0.48	ppb
Beryllium	9-1	252.48	249.21	251.71	251.13	0.68	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	246.90	247.73	247.49	247.37	0.17	ppb
Boron	11-1	246.54	251.12	250.89	249.52	1.03	ppb
Cadmium	111-1	257.75	256.92	257.26	257.31	0.16	ppb
Cadmium	106-1	258.58	254.67	255.43	256.23	0.81	ppb
Cadmium	108-1	257.52	262.72	257.37	259.20	1.18	ppb
Calcium	43-1	24353.04	24707.06	24450.62	24503.57	0.75	ppb
Calcium	44-1	24592.54	24779.52	24838.69	24736.91	0.52	ppb
Chromium	52-2	253.42	254.97	254.99	254.46	0.35	ppb
Cobalt	59-2	258.35	259.73	260.25	259.44	0.38	ppb
Copper	63-2	519.89	524.47	524.30	522.89	0.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	12913.62	12981.09	13035.03	12976.58	0.47	ppb
Iron	57-2	12845.61	12995.74	12931.78	12924.38	0.58	ppb
Lead	206-1	252.83	247.07	250.63	250.18	1.16	ppb
Lead	207-1	249.62	245.89	247.42	247.65	0.76	ppb
Lead	208-1	255.08	250.86	252.97	252.97	0.83	ppb
Lithium	6-1				100		%
Magnesium	24-2	25252.33	25366.50	25109.42	25242.75	0.51	ppb
Manganese	55-2	504.30	509.20	509.35	507.62	0.57	ppb

LB Number : LB87715 Operator : Jaswal
 Lab Sample ID : S05 Instrumnet Name : P7
 Client Sample ID : S05 Dilution Factor : 1
 Date & Time Acquired :: 2017-05-24 12:57:30 DataFile Name : 008CAL5_P7052417 .b .l

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	248.73	248.49	247.32	248.18	0.30	ppb
Molybdenum	95-1	252.49	252.73	250.78	252.00	0.42	ppb
Molybdenum	96-1	252.93	252.21	251.21	252.12	0.34	ppb
Molybdenum	97-1	253.56	253.98	250.84	252.79	0.67	ppb
Molybdenum	98-1	250.71	251.21	249.02	250.31	0.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	261.22	261.57	262.24	261.68	0.20	ppb
Phosphorus	31-2	4994.44	5074.97	5024.62	5031.35	0.81	ppb
Potassium	39-2	12477.43	12486.04	12479.10	12480.86	0.04	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	77-2	250.68	236.44	256.00	247.71	4.08	ppb
Selenium	78-2	259.60	252.39	251.41	254.47	1.76	ppb
Selenium	82-1	255.93	259.32	257.12	257.46	0.67	ppb
Silicon	28-1	315.24	320.06	318.74	318.01	0.78	ppb
Silver	109-1	256.79	257.41	257.03	257.08	0.12	ppb
Silver	107-1	254.02	255.18	253.75	254.32	0.30	ppb
Sodium	23-2	25434.37	25457.98	25262.05	25384.80	0.42	ppb
Strontium	86-1	258.21	258.70	259.93	258.95	0.34	ppb
Strontium	88-1	257.68	259.31	259.78	258.92	0.43	ppb
Sulfur	34-1	4812.41	4791.64	4601.07	4735.04	2.46	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	252.97	251.33	251.87	252.06	0.33	ppb
Thallium	205-1	257.41	252.56	252.68	254.21	1.09	ppb
Tin	118-1	251.89	253.00	251.83	252.24	0.26	ppb
Titanium	47-1	249.13	251.94	252.86	251.31	0.77	ppb
Uranium	238-1	251.74	249.78	249.72	250.41	0.46	ppb
Vanadium	51-2	251.71	252.87	251.86	252.15	0.25	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	522.49	525.30	523.01	523.60	0.29	ppb
Zirconium	90-1	250.13	248.25	249.58	249.32	0.39	ppb

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 12:57:30	DataFile Name :	008CALS_P7052417 .b .l

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	247.84	248.59	248.00	248.15	0.16	ppb

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 13:01:09	DataFile Name :	009CAL5_P7052417 .b .l

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9570.52	9583.43	9557.31	9570.42	0.14	ppb
Antimony	121-1	504.29	495.63	496.81	498.91	0.94	ppb
Arsenic	75-2	499.80	503.70	501.35	501.62	0.39	ppb
Barium	135-1	2512.36	2493.21	2510.16	2505.25	0.42	ppb
Barium	137-1	2493.62	2485.54	2517.42	2498.86	0.66	ppb
Beryllium	9-1	498.66	499.58	500.65	499.63	0.20	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	10-1	491.52	498.73	493.63	494.62	0.75	ppb
Boron	11-1	494.49	494.10	499.26	495.95	0.58	ppb
Cadmium	111-1	507.98	502.31	503.47	504.59	0.59	ppb
Cadmium	106-1	517.01	502.72	496.84	505.53	2.05	ppb
Cadmium	108-1	506.21	502.95	506.08	505.08	0.37	ppb
Calcium	43-1	48686.97	48446.49	48434.60	48522.68	0.29	ppb
Calcium	44-1	48906.09	48663.86	48609.14	48726.36	0.32	ppb
Chromium	52-2	503.14	501.57	502.59	502.43	0.16	ppb
Cobalt	59-2	511.44	512.13	508.75	510.77	0.35	ppb
Copper	63-2	1017.43	1022.76	1013.23	1017.81	0.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	25588.26	25605.10	25472.22	25555.20	0.28	ppb
Iron	57-2	25337.86	25437.74	25335.95	25370.52	0.23	ppb
Lead	206-1	497.47	493.52	499.62	496.87	0.62	ppb
Lead	207-1	491.97	489.67	497.36	493.00	0.80	ppb
Lead	208-1	497.90	495.52	497.46	496.96	0.25	ppb
Lithium	6-1				100		%
Magnesium	24-2	49695.30	49444.61	49060.99	49400.30	0.65	ppb
Manganese	55-2	1002.11	1008.18	1005.98	1005.42	0.31	ppb

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 13:01:09	DataFile Name :	009CAL5_P7052417 .b .l

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	497.55	500.00	497.66	498.40	0.28	ppb
Molybdenum	95-1	498.76	501.15	499.40	499.77	0.25	ppb
Molybdenum	96-1	503.78	499.15	501.76	501.56	0.46	ppb
Molybdenum	97-1	502.53	502.46	498.78	501.26	0.43	ppb
Molybdenum	98-1	499.95	497.55	494.50	497.33	0.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	508.23	512.59	505.46	508.76	0.71	ppb
Phosphorus	31-2	10032.55	10321.83	10091.01	10148.47	1.51	ppb
Potassium	39-2	24492.06	24378.69	24151.71	24340.82	0.71	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	77-2	504.00	505.86	492.71	500.86	1.42	ppb
Selenium	78-2	495.18	510.13	514.11	506.48	1.97	ppb
Selenium	82-1	504.51	507.55	504.82	505.63	0.33	ppb
Silicon	28-1	504.80	504.09	506.06	504.98	0.20	ppb
Silver	109-1	509.62	502.59	505.71	505.97	0.70	ppb
Silver	107-1	509.97	502.53	500.76	504.42	0.97	ppb
Sodium	23-2	50190.73	49806.32	49714.06	49903.70	0.51	ppb
Strontium	86-1	511.08	509.06	512.23	510.79	0.31	ppb
Strontium	88-1	511.67	516.60	513.74	514.00	0.48	ppb
Sulfur	34-1	9760.89	9827.55	9553.53	9713.99	1.47	ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	501.36	494.81	503.98	500.05	0.94	ppb
Thallium	205-1	494.65	502.36	500.22	499.08	0.80	ppb
Tin	118-1	502.79	497.90	501.55	500.75	0.51	ppb
Titanium	47-1	501.31	497.15	497.46	498.64	0.46	ppb
Uranium	238-1	497.43	498.29	495.48	497.06	0.29	ppb
Vanadium	51-2	498.21	502.37	501.62	500.73	0.44	ppb
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	1028.93	1020.32	1019.18	1022.81	0.52	ppb
Zirconium	90-1	498.57	499.75	500.61	499.64	0.20	ppb

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 13:01:09	DataFile Name :	009CALS_P7052417 .b .l

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	494.79	495.44	499.82	496.68	0.55	ppb

LB Number : LB87715 Operator : Jaswal
 Lab Sample ID : S07 Instrumnet Name : P7
 Client Sample ID : S07 Dilution Factor : 1
 Date & Time Acquired :: 2017-05-24 13:04:43 DataFile Name : 010CAL5_P7052417 .b .l

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18942.26	18837.11	18839.80	18873.05	0.32	ppb
Antimony	121-1	995.76	1004.13	1004.29	1001.39	0.49	ppb
Arsenic	75-2	999.47	993.33	1003.01	998.61	0.49	ppb
Barium	135-1	4934.76	5006.19	5034.10	4991.68	1.03	ppb
Barium	137-1	4982.44	4994.70	5013.28	4996.80	0.31	ppb
Beryllium	9-1	1006.96	995.73	996.20	999.63	0.64	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Boron	10-1	1001.82	996.72	1011.64	1003.39	0.76	ppb
Boron	11-1	998.62	998.74	1009.31	1002.22	0.61	ppb
Cadmium	111-1	991.09	994.14	1000.56	995.26	0.49	ppb
Cadmium	106-1	988.78	999.69	996.42	994.96	0.56	ppb
Cadmium	108-1	983.29	1001.63	998.34	994.42	0.98	ppb
Calcium	43-1	96769.97	97898.23	96478.86	97049.02	0.77	ppb
Calcium	44-1	97051.86	98585.18	96807.88	97481.64	0.99	ppb
Chromium	52-2	999.64	999.58	992.34	997.19	0.42	ppb
Cobalt	59-2	993.95	988.67	991.22	991.28	0.27	ppb
Copper	63-2	1986.03	1990.14	1973.49	1983.22	0.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	50400.14	50482.46	49781.23	50221.28	0.76	ppb
Iron	57-2	50612.17	50541.43	49976.21	50376.60	0.69	ppb
Lead	206-1	1001.79	1000.04	1003.51	1001.78	0.17	ppb
Lead	207-1	1005.40	1004.79	1003.24	1004.48	0.11	ppb
Lead	208-1	1001.50	1001.16	999.96	1000.87	0.08	ppb
Lithium	6-1				98		%
Magnesium	24-2	97828.51	97108.39	96595.19	97177.36	0.64	ppb
Manganese	55-2	2003.83	1993.37	1986.38	1994.53	0.44	ppb

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 13:04:43	DataFile Name :	010CAL5_P7052417 .b .l

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	999.64	1020.70	984.14	1001.49	1.83	ppb
Molybdenum	95-1	1007.56	1011.82	979.20	999.53	1.77	ppb
Molybdenum	96-1	996.85	1016.10	983.00	998.65	1.66	ppb
Molybdenum	97-1	996.50	1012.10	987.18	998.59	1.26	ppb
Molybdenum	98-1	1004.80	1014.64	984.93	1001.46	1.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	991.06	994.57	989.40	991.68	0.27	ppb
Phosphorus	31-2	19969.45	19923.25	19824.32	19905.67	0.37	ppb
Potassium	39-2	49040.09	48583.62	48351.50	48658.40	0.72	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	77-2	1015.59	978.93	1005.53	1000.02	1.89	ppb
Selenium	78-2	1005.79	990.60	990.08	995.49	0.90	ppb
Selenium	82-1	994.79	1008.95	980.25	994.66	1.44	ppb
Silicon	28-1	967.96	985.80	973.94	975.90	0.93	ppb
Silver	109-1	990.85	998.29	994.32	994.49	0.37	ppb
Silver	107-1	986.48	1004.06	997.93	996.15	0.90	ppb
Sodium	23-2	98762.88	98396.63	98012.25	98390.59	0.38	ppb
Strontium	86-1	995.44	999.29	980.27	991.67	1.01	ppb
Strontium	88-1	993.85	996.32	979.34	989.83	0.93	ppb
Sulfur	34-1	20310.65	20498.03	20000.48	20269.72	1.24	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	994.96	1002.35	1001.87	999.73	0.41	ppb
Thallium	205-1	996.42	993.84	1007.40	999.22	0.72	ppb
Tin	118-1	992.31	996.36	1008.41	999.03	0.84	ppb
Titanium	47-1	997.88	1002.92	1000.03	1000.28	0.25	ppb
Uranium	238-1	998.27	1010.76	996.79	1001.94	0.77	ppb
Vanadium	51-2	997.26	1002.89	996.72	998.96	0.34	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	1982.19	1981.46	1978.58	1980.74	0.10	ppb
Zirconium	90-1	1001.13	1012.43	987.47	1000.35	1.25	ppb

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 13:04:43	DataFile Name :	010CALS_P7052417 .b .l

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1000.40	1016.58	989.75	1002.24	1.35	ppb

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 13:08:15	DataFile Name :	011CALS_P7052417 .b .I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100219.22	100241.10	100367.70	100276.01	0.08	ppb
Antimony	121-1	4.08	4.30	4.53	4.30	5.19	ppb
Arsenic	75-2	1.19	1.14	1.13	1.15	2.49	ppb
Barium	135-1	2.14	2.41	2.14	2.23	6.88	ppb
Barium	137-1	2.20	2.45	2.07	2.24	8.64	ppb
Beryllium	9-1	0.22	0.28	0.25	0.25	10.51	ppb
Bismuth	209-1				88		%
Bismuth	209-2				88		%
Boron	10-1	27.57	26.52	25.75	26.61	3.44	ppb
Boron	11-1	28.38	26.71	25.29	26.79	5.76	ppb
Cadmium	111-1	0.19	0.31	0.17	0.23	33.71	ppb
Cadmium	106-1	-0.29	0.13	-0.46	-0.21		ppb
Cadmium	108-1	0.25	0.25	0.20	0.23	11.95	ppb
Calcium	43-1	496067.02	498280.27	507965.05	500770.78	1.26	ppb
Calcium	44-1	495745.26	497452.04	508752.02	500649.77	1.41	ppb
Chromium	52-2	23.02	23.41	22.92	23.12	1.14	ppb
Cobalt	59-2	1.44	1.40	1.36	1.40	3.02	ppb
Copper	63-2	3.08	3.09	3.04	3.07	0.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				100		%
Indium	115-1				95		%
Indium	115-2				97		%
Iron	56-2	249229.36	251578.79	248797.48	249868.54	0.60	ppb
Iron	57-2	249506.63	250623.39	249447.19	249859.07	0.27	ppb
Lead	206-1	2.06	2.07	2.11	2.08	1.26	ppb
Lead	207-1	2.00	1.98	1.95	1.98	1.19	ppb
Lead	208-1	2.07	2.08	2.05	2.06	0.79	ppb
Lithium	6-1				91		%
Magnesium	24-2	498070.82	505975.47	497760.25	500602.18	0.93	ppb
Manganese	55-2	7.17	7.19	7.06	7.14	1.00	ppb

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 13:08:15	DataFile Name :	011CAL5_P7052417 .b .I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.68	1.82	1.85	1.78	5.26	ppb
Molybdenum	95-1	5.00	5.46	5.56	5.34	5.57	ppb
Molybdenum	96-1	4.70	5.11	5.25	5.02	5.73	ppb
Molybdenum	97-1	4.92	5.49	5.71	5.37	7.66	ppb
Molybdenum	98-1	4.89	5.31	5.50	5.23	6.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	14.16	14.22	14.11	14.16	0.41	ppb
Phosphorus	31-2	-13.41	17.15	5.66	3.13	492.55	ppb
Potassium	39-2	250635.94	251715.33	248651.72	250334.33	0.62	ppb
Rhodium	103-1				89		%
Rhodium	103-2				89		%
Scandium	45-1				100		%
Scandium	45-2				106		%
Selenium	77-2	0.87	1.83	1.17	1.29	38.31	ppb
Selenium	78-2	1.71	1.03	1.53	1.42	24.48	ppb
Selenium	82-1	1.35	1.98	1.40	1.58	22.29	ppb
Silicon	28-1	13.17	14.11	14.11	13.80	3.92	ppb
Silver	109-1	0.16	0.20	0.15	0.17	12.94	ppb
Silver	107-1	0.17	0.19	0.15	0.17	12.98	ppb
Sodium	23-2	498315.60	500982.59	501608.57	500302.25	0.35	ppb
Strontium	86-1	33.44	32.85	32.91	33.07	0.98	ppb
Strontium	88-1	33.22	33.22	33.05	33.16	0.29	ppb
Sulfur	34-1	-1124.91	-997.91	-697.08	-939.97		ppb
Terbium	159-1				98		%
Terbium	159-2				99		%
Thallium	203-1	0.47	0.49	0.44	0.47	5.45	ppb
Thallium	205-1	0.48	0.49	0.44	0.47	5.90	ppb
Tin	118-1	1.02	1.19	1.18	1.13	8.53	ppb
Titanium	47-1	1.40	3.70	1.02	2.04	71.25	ppb
Uranium	238-1	0.25	0.25	0.24	0.25	2.97	ppb
Vanadium	51-2	0.43	0.47	0.47	0.46	5.23	ppb
Yttrium	89-1				99		%
Yttrium	89-2				101		%
Zinc	66-2	8.91	8.99	8.60	8.83	2.34	ppb
Zirconium	90-1	0.22	0.25	0.25	0.24	6.42	ppb

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 13:08:15	DataFile Name :	011CALS_P7052417 .b .I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.24	0.23	0.23	0.23	3.19	ppb

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 13:16:18	DataFile Name :	012ICV_P7052417 .b .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	487.41	486.82	485.81	486.68	0.17	ppb
Antimony	121-1	209.16	207.11	204.06	206.78	1.24	ppb
Arsenic	75-2	198.37	196.11	195.97	196.82	0.68	ppb
Barium	135-1	100.79	99.13	99.67	99.86	0.85	ppb
Barium	137-1	101.57	100.85	99.16	100.53	1.23	ppb
Beryllium	9-1	100.42	101.19	99.47	100.36	0.86	ppb
Bismuth	209-1				103		%
Bismuth	209-2				104		%
Boron	10-1	552.59	559.72	553.52	555.27	0.70	ppb
Boron	11-1	559.32	558.28	553.66	557.08	0.54	ppb
Cadmium	111-1	105.25	105.55	104.15	104.98	0.70	ppb
Cadmium	106-1	189.59	189.73	186.34	188.55	1.02	ppb
Cadmium	108-1	149.28	151.36	150.27	150.30	0.69	ppb
Calcium	43-1	2189.73	2149.83	2174.45	2171.34	0.93	ppb
Calcium	44-1	2087.69	2070.90	2086.11	2081.57	0.45	ppb
Chromium	52-2	96.71	95.98	96.03	96.24	0.42	ppb
Cobalt	59-2	101.43	100.90	101.06	101.13	0.27	ppb
Copper	63-2	101.63	101.02	101.36	101.34	0.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				104		%
Iron	56-2	1005.43	1001.56	1006.92	1004.64	0.28	ppb
Iron	57-2	1005.30	1012.99	994.31	1004.20	0.93	ppb
Lead	206-1	192.32	192.85	195.21	193.46	0.79	ppb
Lead	207-1	183.47	182.37	183.98	183.27	0.45	ppb
Lead	208-1	191.09	191.15	192.67	191.64	0.47	ppb
Lithium	6-1				100		%
Magnesium	24-2	1216.92	1199.06	1204.34	1206.77	0.76	ppb
Manganese	55-2	98.22	98.51	97.84	98.19	0.34	ppb

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 13:16:18	DataFile Name :	012ICV_P7052417 .b .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	489.98	484.48	486.86	487.10	0.57	ppb
Molybdenum	95-1	497.82	490.87	494.63	494.44	0.70	ppb
Molybdenum	96-1	493.38	489.93	494.52	492.61	0.48	ppb
Molybdenum	97-1	496.93	493.97	499.78	496.89	0.58	ppb
Molybdenum	98-1	499.64	490.92	501.36	497.30	1.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	101.80	102.25	102.33	102.13	0.28	ppb
Phosphorus	31-2	-4.92	-12.52	-3.84	-7.09		ppb
Potassium	39-2	1988.64	1974.24	1974.58	1979.15	0.42	ppb
Rhodium	103-1				106		%
Rhodium	103-2				105		%
Scandium	45-1				107		%
Scandium	45-2				109		%
Selenium	77-2	191.59	183.51	197.37	190.82	3.65	ppb
Selenium	78-2	197.62	197.46	191.73	195.61	1.71	ppb
Selenium	82-1	198.44	192.63	194.59	195.22	1.51	ppb
Silicon	28-1	475.26	467.42	465.89	469.52	1.07	ppb
Silver	109-1	100.76	101.20	100.02	100.66	0.60	ppb
Silver	107-1	101.36	100.82	100.79	100.99	0.32	ppb
Sodium	23-2	2059.66	2022.83	2022.04	2034.84	1.06	ppb
Strontium	86-1	498.44	495.53	494.98	496.32	0.37	ppb
Strontium	88-1	497.25	497.41	496.33	497.00	0.12	ppb
Sulfur	34-1	-898.99	-1019.18	-1091.62	-1003.26		ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	195.03	194.52	194.32	194.62	0.19	ppb
Thallium	205-1	197.38	197.90	197.84	197.71	0.14	ppb
Tin	118-1	511.41	512.25	506.18	509.95	0.64	ppb
Titanium	47-1	500.15	495.68	489.87	495.23	1.04	ppb
Uranium	238-1	479.55	482.19	485.27	482.34	0.59	ppb
Vanadium	51-2	96.79	95.91	95.76	96.15	0.58	ppb
Yttrium	89-1				108		%
Yttrium	89-2				107		%
Zinc	66-2	199.67	200.72	198.81	199.73	0.48	ppb
Zirconium	90-1	487.74	479.34	481.73	482.94	0.90	ppb

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 13:16:18	DataFile Name :	012ICV_P7052417 .b .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	478.85	471.70	478.59	476.38	0.85	ppb

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 13:26:20	DataFile Name :	013CCBE_P7052417 .b .

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.85	0.49	0.19	0.51	64.53	ppb
Antimony	121-1	0.54	0.69	0.84	0.69	21.16	ppb
Arsenic	75-2	0.14	0.13	0.14	0.14	5.47	ppb
Barium	135-1	0.01	-0.01	-0.01	0.00		ppb
Barium	137-1	0.00	-0.02	-0.01	-0.01		ppb
Beryllium	9-1	0.08	0.04	0.03	0.05	53.45	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Boron	10-1	5.33	4.99	4.56	4.96	7.78	ppb
Boron	11-1	4.94	4.62	4.60	4.72	4.06	ppb
Cadmium	111-1	-0.03	-0.06	0.04	-0.02		ppb
Cadmium	106-1	-0.42	-0.81	0.55	-0.23		ppb
Cadmium	108-1	0.03	0.01	0.05	0.03	52.03	ppb
Calcium	43-1	-1.12	-0.75	-1.01	-0.96		ppb
Calcium	44-1	1.78	0.67	0.89	1.11	52.69	ppb
Chromium	52-2	0.02	-0.02	0.01	0.00	468.04	ppb
Cobalt	59-2	0.00	0.02	0.02	0.01	79.65	ppb
Copper	63-2	-0.13	-0.14	-0.14	-0.14		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				104		%
Iron	56-2	0.67	0.74	0.77	0.73	6.68	ppb
Iron	57-2	0.44	1.61	0.36	0.80	87.62	ppb
Lead	206-1	0.07	0.05	0.05	0.06	20.95	ppb
Lead	207-1	0.07	0.06	0.06	0.06	8.30	ppb
Lead	208-1	0.07	0.05	0.05	0.06	19.93	ppb
Lithium	6-1				98		%
Magnesium	24-2	1.43	1.36	1.36	1.38	3.15	ppb
Manganese	55-2	-0.15	-0.08	-0.04	-0.09		ppb

LB Number : LB87715 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P7
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2017-05-24 13:26:20 DataFile Name : 013CCBE_P7052417 .b .

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.05	0.08	0.11	0.08	38.98	ppb
Molybdenum	95-1	0.12	0.16	0.21	0.16	26.20	ppb
Molybdenum	96-1	0.08	0.14	0.16	0.13	31.01	ppb
Molybdenum	97-1	0.13	0.13	0.14	0.14	5.06	ppb
Molybdenum	98-1	0.12	0.17	0.20	0.16	24.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.01	-0.02	0.00		ppb
Phosphorus	31-2	-1.38	-0.65	-11.82	-4.62		ppb
Potassium	39-2	55.40	57.84	53.25	55.49	4.14	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				105		%
Scandium	45-2				107		%
Selenium	77-2	-0.11	-0.11	0.20	-0.01		ppb
Selenium	78-2	0.47	-0.36	-0.35	-0.08		ppb
Selenium	82-1	0.09	0.17	0.15	0.14	30.05	ppb
Silicon	28-1	-0.23	-0.53	-1.07	-0.61		ppb
Silver	109-1	0.00	0.00	0.00	0.00	11.84	ppb
Silver	107-1	0.01	0.00	0.01	0.00	76.99	ppb
Sodium	23-2	20.22	20.04	20.24	20.17	0.54	ppb
Strontium	86-1	0.00	-0.07	-0.04	-0.04		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	2663.73	ppb
Sulfur	34-1	-476.01	-513.36	-728.65	-572.67		ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	0.02	0.01	0.00	0.01	117.05	ppb
Thallium	205-1	0.02	0.01	0.01	0.01	40.77	ppb
Tin	118-1	0.07	0.08	0.14	0.10	36.19	ppb
Titanium	47-1	0.03	-0.01	0.01	0.01	190.45	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				105		%
Yttrium	89-2				105		%
Zinc	66-2	0.02	0.06	0.03	0.03	61.60	ppb
Zirconium	90-1	0.04	0.05	0.06	0.05	20.20	ppb

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 13:26:20	DataFile Name :	013CCBE_P7052417 .b .

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.06	0.05	0.04	39.94	ppb

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 13:29:51	DataFile Name :	014ICSA_P7052417 .b .I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91625.60	91547.61	91743.35	91638.85	0.11	ppb
Antimony	121-1	1.31	1.34	1.40	1.35	3.42	ppb
Arsenic	75-2	0.37	0.36	0.40	0.38	5.30	ppb
Barium	135-1	1.54	1.44	1.38	1.45	5.54	ppb
Barium	137-1	1.54	1.47	1.53	1.51	2.54	ppb
Beryllium	9-1	0.31	0.34	0.31	0.32	4.14	ppb
Bismuth	209-1				96		%
Bismuth	209-2				95		%
Boron	10-1	4.17	3.70	3.95	3.94	5.93	ppb
Boron	11-1	4.28	4.28	3.95	4.17	4.57	ppb
Cadmium	111-1	0.53	0.46	0.41	0.47	12.00	ppb
Cadmium	106-1	-0.63	-0.73	-1.02	-0.79		ppb
Cadmium	108-1	14.99	14.87	16.31	15.39	5.21	ppb
Calcium	43-1	94763.57	93769.40	94845.97	94459.65	0.63	ppb
Calcium	44-1	95263.31	95037.73	95240.98	95180.68	0.13	ppb
Chromium	52-2	18.80	19.07	19.00	18.96	0.74	ppb
Cobalt	59-2	1.12	1.15	1.14	1.13	1.26	ppb
Copper	63-2	7.56	7.66	7.73	7.65	1.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	56-2	97750.87	98680.02	98203.95	98211.61	0.47	ppb
Iron	57-2	98138.14	98532.96	98400.29	98357.13	0.20	ppb
Lead	206-1	4.44	4.53	4.49	4.49	1.06	ppb
Lead	207-1	3.80	3.90	3.92	3.87	1.69	ppb
Lead	208-1	4.12	4.20	4.16	4.16	1.03	ppb
Lithium	6-1				96		%
Magnesium	24-2	95988.02	96278.89	96311.32	96192.74	0.19	ppb
Manganese	55-2	7.42	7.28	7.63	7.44	2.31	ppb

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 13:29:51	DataFile Name :	014ICSA_P7052417 .b .I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	581.55	583.16	576.49	580.40	0.60	ppb
Molybdenum	95-1	1906.31	1917.06	1913.74	1912.37	0.29	ppb
Molybdenum	96-1	1589.28	1585.77	1575.31	1583.45	0.46	ppb
Molybdenum	97-1	1937.48	1944.41	1940.81	1940.90	0.18	ppb
Molybdenum	98-1	1925.42	1926.65	1908.56	1920.21	0.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.06	5.39	5.19	5.21	3.13	ppb
Phosphorus	31-2	98453.99	98539.03	99348.14	98780.39	0.50	ppb
Potassium	39-2	96858.38	97233.64	96786.29	96959.44	0.25	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				103		%
Scandium	45-2				105		%
Selenium	77-2	-0.11	0.20	0.21	0.10	180.18	ppb
Selenium	78-2	0.31	-0.24	-0.38	-0.10		ppb
Selenium	82-1	0.39	1.09	0.66	0.72	49.67	ppb
Silicon	28-1	26.39	25.74	25.99	26.04	1.26	ppb
Silver	109-1	0.07	0.08	0.09	0.08	17.83	ppb
Silver	107-1	0.08	0.11	0.09	0.09	13.14	ppb
Sodium	23-2	97444.25	97211.50	97932.48	97529.41	0.38	ppb
Strontium	86-1	31.74	32.29	31.84	31.96	0.90	ppb
Strontium	88-1	32.29	32.79	32.62	32.57	0.79	ppb
Sulfur	34-1	71392.46	70650.51	71099.50	71047.49	0.53	ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	0.04	0.03	0.03	0.03	15.34	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	8.54	ppb
Tin	118-1	0.19	0.19	0.20	0.20	3.70	ppb
Titanium	47-1	1929.41	1923.43	1932.37	1928.40	0.24	ppb
Uranium	238-1	0.02	0.01	0.01	0.01	18.54	ppb
Vanadium	51-2	0.14	0.15	0.15	0.14	3.93	ppb
Yttrium	89-1				103		%
Yttrium	89-2				103		%
Zinc	66-2	11.09	11.27	10.55	10.97	3.43	ppb
Zirconium	90-1	0.19	0.19	0.21	0.20	5.46	ppb

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 13:29:51	DataFile Name :	014ICSA_P7052417 .b .I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.14	0.20	0.21	0.18	21.19	ppb

LB Number : LB87715 Operator : Jaswal
 Lab Sample ID : ICSAB Instrumnet Name : P7
 Client Sample ID : ICSAB Dilution Factor : 1
 Date & Time Acquired :: 2017-05-24 13:33:19 DataFile Name : 015ICSB_P7052417 .b .I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90755.36	90666.86	90996.78	90806.33	0.19	ppb
Antimony	121-1	19.40	18.83	18.60	18.95	2.17	ppb
Arsenic	75-2	19.18	19.19	19.14	19.17	0.14	ppb
Barium	135-1	21.39	20.67	20.60	20.89	2.10	ppb
Barium	137-1	21.45	21.62	20.89	21.32	1.80	ppb
Beryllium	9-1	20.28	20.01	20.31	20.20	0.82	ppb
Bismuth	209-1				97		%
Bismuth	209-2				94		%
Boron	10-1	61.95	60.56	61.12	61.21	1.14	ppb
Boron	11-1	60.92	59.59	58.42	59.64	2.10	ppb
Cadmium	111-1	19.69	19.72	19.03	19.48	1.99	ppb
Cadmium	106-1	25.36	24.76	23.13	24.42	4.73	ppb
Cadmium	108-1	38.47	36.59	37.29	37.45	2.54	ppb
Calcium	43-1	93466.84	93910.56	92309.67	93229.02	0.89	ppb
Calcium	44-1	94794.08	95174.64	92794.60	94254.44	1.36	ppb
Chromium	52-2	37.66	37.68	37.97	37.77	0.46	ppb
Cobalt	59-2	20.70	20.47	20.62	20.60	0.57	ppb
Copper	63-2	26.82	26.78	26.55	26.72	0.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	56-2	97113.19	96166.36	97066.35	96781.96	0.55	ppb
Iron	57-2	97226.90	97176.06	97225.95	97209.64	0.03	ppb
Lead	206-1	24.22	23.82	24.01	24.02	0.83	ppb
Lead	207-1	22.09	21.60	21.80	21.83	1.12	ppb
Lead	208-1	23.03	22.83	22.79	22.88	0.57	ppb
Lithium	6-1				96		%
Magnesium	24-2	95846.48	95009.16	96143.89	95666.51	0.62	ppb
Manganese	55-2	26.71	26.66	26.54	26.64	0.34	ppb

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 13:33:19	DataFile Name :	015ICSB_P7052417 .b .I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	621.64	621.44	628.62	623.90	0.66	ppb
Molybdenum	95-1	1924.42	1922.49	1951.09	1932.67	0.83	ppb
Molybdenum	96-1	1613.86	1620.85	1617.28	1617.33	0.22	ppb
Molybdenum	97-1	1971.98	1965.04	1987.58	1974.87	0.58	ppb
Molybdenum	98-1	1940.77	1944.20	1966.31	1950.43	0.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.57	24.52	24.54	24.54	0.10	ppb
Phosphorus	31-2	98374.30	97075.02	96702.87	97384.06	0.90	ppb
Potassium	39-2	95665.63	95383.48	95727.11	95592.07	0.19	ppb
Rhodium	103-1				99		%
Rhodium	103-2				95		%
Scandium	45-1				105		%
Scandium	45-2				103		%
Selenium	77-2	17.36	19.39	17.77	18.17	5.91	ppb
Selenium	78-2	16.30	20.34	19.03	18.56	11.10	ppb
Selenium	82-1	19.31	19.25	19.97	19.51	2.05	ppb
Silicon	28-1	86.64	86.32	87.19	86.72	0.51	ppb
Silver	109-1	18.46	18.35	18.03	18.28	1.21	ppb
Silver	107-1	18.31	18.00	18.14	18.15	0.85	ppb
Sodium	23-2	97397.74	96375.38	96292.01	96688.38	0.64	ppb
Strontium	86-1	83.84	83.48	83.69	83.67	0.22	ppb
Strontium	88-1	84.82	83.97	84.86	84.55	0.59	ppb
Sulfur	34-1	70470.81	69397.34	68914.17	69594.10	1.14	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	19.48	19.27	19.57	19.44	0.80	ppb
Thallium	205-1	19.78	19.64	19.69	19.70	0.37	ppb
Tin	118-1	52.66	51.94	50.97	51.85	1.64	ppb
Titanium	47-1	1955.67	1957.22	1928.94	1947.27	0.82	ppb
Uranium	238-1	52.24	51.75	51.34	51.78	0.87	ppb
Vanadium	51-2	19.15	19.02	18.92	19.03	0.61	ppb
Yttrium	89-1				105		%
Yttrium	89-2				102		%
Zinc	66-2	29.89	30.67	28.97	29.84	2.86	ppb
Zirconium	90-1	50.52	50.60	50.82	50.65	0.31	ppb

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 13:33:19	DataFile Name :	015ICSB_P7052417 .b .I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	50.37	50.10	50.77	50.41	0.67	ppb

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	CCV034	Instrumnet Name :	P7
Client Sample ID :	CCV034	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 13:42:10	DataFile Name :	017CCV_P7052417 .b .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52122.36	51526.69	51642.51	51763.85	0.61	ppb
Antimony	121-1	498.32	499.88	498.42	498.88	0.18	ppb
Arsenic	75-2	502.84	499.05	497.62	499.84	0.54	ppb
Barium	135-1	2512.75	2518.73	2544.48	2525.32	0.67	ppb
Barium	137-1	2511.62	2502.70	2546.06	2520.13	0.91	ppb
Beryllium	9-1	541.53	541.97	543.08	542.19	0.15	ppb
Bismuth	209-1				92		%
Bismuth	209-2				92		%
Boron	10-1	537.63	549.50	548.60	545.25	1.21	ppb
Boron	11-1	542.91	550.60	552.60	548.70	0.93	ppb
Cadmium	111-1	487.37	486.49	493.73	489.20	0.81	ppb
Cadmium	106-1	493.78	506.16	512.14	504.03	1.86	ppb
Cadmium	108-1	485.75	487.98	498.54	490.76	1.39	ppb
Calcium	43-1	238323.39	239181.75	237931.90	238479.01	0.27	ppb
Calcium	44-1	237284.21	239340.74	239005.79	238543.58	0.46	ppb
Chromium	52-2	497.84	492.71	494.86	495.14	0.52	ppb
Cobalt	59-2	481.23	477.64	479.30	479.39	0.37	ppb
Copper	63-2	934.27	924.58	924.07	927.64	0.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				98		%
Indium	115-2				100		%
Iron	56-2	122572.31	121210.09	121291.61	121691.34	0.63	ppb
Iron	57-2	121906.87	120461.67	120483.83	120950.79	0.68	ppb
Lead	206-1	503.98	498.90	506.71	503.20	0.79	ppb
Lead	207-1	493.77	491.31	497.84	494.31	0.67	ppb
Lead	208-1	502.78	500.78	508.78	504.11	0.83	ppb
Lithium	6-1				92		%
Magnesium	24-2	254536.04	254070.57	252709.12	253771.91	0.37	ppb
Manganese	55-2	979.67	970.54	968.48	972.90	0.61	ppb

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	CCV034	Instrumnet Name :	P7
Client Sample ID :	CCV034	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 13:42:10	DataFile Name :	017CCV_P7052417 .b .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	502.11	498.77	498.13	499.67	0.43	ppb
Molybdenum	95-1	500.11	497.49	495.33	497.64	0.48	ppb
Molybdenum	96-1	501.44	496.98	497.74	498.72	0.48	ppb
Molybdenum	97-1	500.11	494.17	491.98	495.42	0.85	ppb
Molybdenum	98-1	502.78	492.10	488.70	494.53	1.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	479.74	474.88	474.81	476.48	0.59	ppb
Phosphorus	31-2	10322.85	10230.00	10523.31	10358.72	1.45	ppb
Potassium	39-2	125072.06	123789.28	124543.19	124468.17	0.52	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				106		%
Scandium	45-2				111		%
Selenium	77-2	498.15	505.02	491.55	498.24	1.35	ppb
Selenium	78-2	492.46	487.15	488.23	489.28	0.57	ppb
Selenium	82-1	479.53	477.87	483.01	480.14	0.55	ppb
Silicon	28-1	521.58	533.97	528.02	527.86	1.17	ppb
Silver	109-1	493.25	493.60	499.98	495.61	0.76	ppb
Silver	107-1	488.64	488.97	499.08	492.23	1.21	ppb
Sodium	23-2	251711.04	246923.25	248836.11	249156.80	0.97	ppb
Strontium	86-1	506.00	503.87	504.61	504.83	0.21	ppb
Strontium	88-1	508.92	508.87	509.99	509.26	0.12	ppb
Sulfur	34-1	10077.10	10008.91	9793.17	9959.73	1.49	ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	510.32	503.75	511.27	508.45	0.81	ppb
Thallium	205-1	514.85	508.27	508.71	510.61	0.72	ppb
Tin	118-1	493.26	494.46	497.40	495.04	0.43	ppb
Titanium	47-1	494.87	491.95	494.56	493.79	0.32	ppb
Uranium	238-1	510.77	516.98	522.95	516.90	1.18	ppb
Vanadium	51-2	497.58	494.92	496.66	496.39	0.27	ppb
Yttrium	89-1				104		%
Yttrium	89-2				105		%
Zinc	66-2	931.96	921.67	924.69	926.11	0.57	ppb
Zirconium	90-1	503.32	500.35	499.77	501.15	0.38	ppb

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	CCV034	Instrumnet Name :	P7
Client Sample ID :	CCV034	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 13:42:10	DataFile Name :	017CCV_P7052417 .b .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	494.57	491.34	491.19	492.37	0.39	ppb

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	CCB034	Instrumnet Name :	P7
Client Sample ID :	CCB034	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 13:51:53	DataFile Name :	018CCBE_P7052417 .b .

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.46	0.41	0.42	0.43	6.78	ppb
Antimony	121-1	0.83	1.03	1.18	1.01	17.29	ppb
Arsenic	75-2	0.14	0.13	0.17	0.15	15.24	ppb
Barium	135-1	-0.01	0.00	-0.01	-0.01		ppb
Barium	137-1	-0.01	0.00	-0.01	-0.01		ppb
Beryllium	9-1	0.05	0.05	0.06	0.05	10.52	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	10-1	5.50	5.45	5.63	5.53	1.66	ppb
Boron	11-1	5.93	5.70	5.46	5.69	4.11	ppb
Cadmium	111-1	-0.04	-0.02	-0.01	-0.02		ppb
Cadmium	106-1	-0.60	-0.20	-0.14	-0.31		ppb
Cadmium	108-1	-0.02	0.01	0.06	0.02	202.61	ppb
Calcium	43-1	-0.79	-0.73	-2.69	-1.40		ppb
Calcium	44-1	1.95	1.87	2.27	2.03	10.42	ppb
Chromium	52-2	0.03	0.05	0.01	0.03	70.69	ppb
Cobalt	59-2	-0.01	0.00	0.01	0.00	1536.96	ppb
Copper	63-2	-0.15	-0.12	-0.14	-0.14		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				105		%
Indium	115-2				104		%
Iron	56-2	1.06	5.38	1.19	2.54	96.73	ppb
Iron	57-2	0.76	5.20	1.32	2.43	99.64	ppb
Lead	206-1	0.08	0.09	0.06	0.08	15.79	ppb
Lead	207-1	0.08	0.08	0.08	0.08	5.47	ppb
Lead	208-1	0.07	0.07	0.08	0.07	4.44	ppb
Lithium	6-1				99		%
Magnesium	24-2	1.15	2.09	1.56	1.60	29.49	ppb
Manganese	55-2	-0.15	-0.10	-0.14	-0.13		ppb

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	CCB034	Instrumnet Name :	P7
Client Sample ID :	CCB034	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 13:51:53	DataFile Name :	018CCBE_P7052417 .b .

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.08	0.12	0.14	0.11	27.61	ppb
Molybdenum	95-1	0.15	0.20	0.27	0.21	28.48	ppb
Molybdenum	96-1	0.14	0.19	0.25	0.19	25.97	ppb
Molybdenum	97-1	0.14	0.21	0.29	0.21	33.46	ppb
Molybdenum	98-1	0.15	0.24	0.28	0.22	27.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.11	0.06	0.05	0.08	45.37	ppb
Phosphorus	31-2	0.95	-2.13	-6.91	-2.70		ppb
Potassium	39-2	22.79	19.46	27.54	23.26	17.46	ppb
Rhodium	103-1				106		%
Rhodium	103-2				103		%
Scandium	45-1				109		%
Scandium	45-2				110		%
Selenium	77-2	-0.11	-0.11	-0.11	-0.11		ppb
Selenium	78-2	-0.21	0.52	0.63	0.32	144.74	ppb
Selenium	82-1	-0.15	0.03	0.06	-0.02		ppb
Silicon	28-1	1.55	3.77	1.43	2.25	58.53	ppb
Silver	109-1	0.01	0.01	0.01	0.01	3.86	ppb
Silver	107-1	0.02	0.01	0.01	0.01	41.44	ppb
Sodium	23-2	41.65	43.48	42.79	42.64	2.16	ppb
Strontium	86-1	-0.01	-0.06	-0.09	-0.05		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-444.05	-768.10	-607.63	-606.59		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.03	0.04	0.03	0.03	20.47	ppb
Thallium	205-1	0.03	0.04	0.03	0.03	13.54	ppb
Tin	118-1	0.09	0.10	0.11	0.10	10.03	ppb
Titanium	47-1	0.00	0.03	-0.02	0.00	711.80	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	130.20	ppb
Yttrium	89-1				107		%
Yttrium	89-2				106		%
Zinc	66-2	-0.05	-0.09	-0.07	-0.07		ppb
Zirconium	90-1	0.07	0.09	0.09	0.08	15.23	ppb

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	CCB034	Instrumnet Name :	P7
Client Sample ID :	CCB034	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 13:51:53	DataFile Name :	018CCBE_P7052417 .b .

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.07	0.08	0.09	0.08	13.53	ppb

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 13:55:24	DataFile Name :	019SMPL_P7052417 .b .

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.95	17.63	18.57	18.05	2.64	ppb
Antimony	121-1	2.12	2.14	2.22	2.16	2.35	ppb
Arsenic	75-2	1.07	1.01	0.96	1.01	5.19	ppb
Barium	135-1	8.97	8.85	8.88	8.90	0.66	ppb
Barium	137-1	9.14	9.02	9.07	9.08	0.69	ppb
Beryllium	9-1	1.01	0.98	1.03	1.01	2.61	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Boron	10-1	26.87	27.73	26.39	27.00	2.52	ppb
Boron	11-1	26.88	27.37	27.13	27.13	0.91	ppb
Cadmium	111-1	0.94	0.87	0.92	0.91	3.81	ppb
Cadmium	106-1	0.56	0.55	0.84	0.65	25.45	ppb
Cadmium	108-1	1.01	1.15	0.95	1.04	10.18	ppb
Calcium	43-1	441.22	425.75	422.71	429.89	2.31	ppb
Calcium	44-1	441.09	437.24	424.98	434.44	1.94	ppb
Chromium	52-2	1.97	1.87	1.92	1.92	2.72	ppb
Cobalt	59-2	0.91	0.91	0.94	0.92	1.86	ppb
Copper	63-2	1.91	1.86	2.00	1.92	3.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				104		%
Iron	56-2	46.50	46.49	46.30	46.43	0.24	ppb
Iron	57-2	45.47	48.63	48.05	47.38	3.55	ppb
Lead	206-1	0.99	1.06	0.98	1.01	3.94	ppb
Lead	207-1	0.91	0.96	1.02	0.96	5.73	ppb
Lead	208-1	0.98	1.01	1.00	0.99	1.24	ppb
Lithium	6-1				99		%
Magnesium	24-2	464.26	455.16	458.74	459.39	1.00	ppb
Manganese	55-2	0.81	0.73	0.79	0.78	5.41	ppb

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 13:55:24	DataFile Name :	019SMPL_P7052417 .b .

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.92	1.95	1.93	1.93	0.74	ppb
Molybdenum	95-1	4.57	4.46	4.47	4.50	1.33	ppb
Molybdenum	96-1	3.94	3.88	3.84	3.89	1.32	ppb
Molybdenum	97-1	4.63	4.40	4.54	4.52	2.55	ppb
Molybdenum	98-1	4.48	4.41	4.38	4.42	1.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.96	1.00	0.96	0.97	2.17	ppb
Phosphorus	31-2	-10.35	-5.56	3.22	-4.23		ppb
Potassium	39-2	483.90	487.48	476.48	482.62	1.16	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				109		%
Scandium	45-2				110		%
Selenium	77-2	3.29	3.58	3.27	3.38	5.24	ppb
Selenium	78-2	6.15	4.52	4.90	5.19	16.48	ppb
Selenium	82-1	4.77	5.02	5.77	5.19	10.09	ppb
Silicon	28-1	11.88	10.99	10.40	11.09	6.70	ppb
Silver	109-1	1.26	1.21	1.25	1.24	2.04	ppb
Silver	107-1	1.23	1.22	1.24	1.23	1.05	ppb
Sodium	23-2	511.00	500.71	512.28	508.00	1.25	ppb
Strontium	86-1	0.87	0.87	0.88	0.87	0.57	ppb
Strontium	88-1	0.90	0.91	0.91	0.91	0.60	ppb
Sulfur	34-1	-502.10	-585.34	-744.10	-610.51		ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	0.90	0.88	0.87	0.89	1.76	ppb
Thallium	205-1	0.92	0.90	0.88	0.90	2.77	ppb
Tin	118-1	4.60	4.56	4.63	4.59	0.77	ppb
Titanium	47-1	4.50	4.18	4.43	4.37	3.93	ppb
Uranium	238-1	0.84	0.82	0.84	0.83	1.16	ppb
Vanadium	51-2	4.48	4.47	4.27	4.41	2.71	ppb
Yttrium	89-1				107		%
Yttrium	89-2				106		%
Zinc	66-2	1.65	1.73	1.89	1.76	6.74	ppb
Zirconium	90-1	0.94	0.98	0.94	0.95	2.18	ppb

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 13:55:24	DataFile Name :	019SMPL_P7052417 .b .

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.89	0.92	0.94	0.92	2.63	ppb

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	PB99241BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 13:58:54	DataFile Name :	020CCBE_P7052417 .b .

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.34	0.12	0.23	0.23	49.47	ppb
Antimony	121-1	0.15	0.18	0.19	0.17	12.18	ppb
Arsenic	75-2	0.05	0.06	0.00	0.04	80.18	ppb
Barium	135-1	-0.01	0.00	-0.02	-0.01		ppb
Barium	137-1	-0.01	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	0.03	0.04	0.03	0.03	22.88	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Boron	10-1	3.35	3.99	4.64	3.99	16.11	ppb
Boron	11-1	3.49	3.60	3.81	3.64	4.43	ppb
Cadmium	111-1	-0.04	0.05	-0.03	0.00		ppb
Cadmium	106-1	-0.41	0.71	-0.30	0.00	24252.00	ppb
Cadmium	108-1	0.03	0.03	0.03	0.03	1.80	ppb
Calcium	43-1	-2.56	-4.23	-1.21	-2.67		ppb
Calcium	44-1	0.85	-0.49	-0.10	0.09	799.70	ppb
Chromium	52-2	0.02	-0.04	-0.01	-0.01		ppb
Cobalt	59-2	-0.01	-0.01	0.00	-0.01		ppb
Copper	63-2	-0.12	-0.15	-0.14	-0.13		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				106		%
Iron	56-2	0.51	0.52	0.50	0.51	1.80	ppb
Iron	57-2	1.03	0.74	0.57	0.78	29.84	ppb
Lead	206-1	0.05	0.06	0.05	0.05	3.01	ppb
Lead	207-1	0.06	0.05	0.05	0.05	10.89	ppb
Lead	208-1	0.05	0.05	0.04	0.05	12.49	ppb
Lithium	6-1				98		%
Magnesium	24-2	0.71	0.80	0.18	0.56	58.96	ppb
Manganese	55-2	-0.14	-0.15	-0.15	-0.15		ppb

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	PB99241BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 13:58:54	DataFile Name :	020CCBE_P7052417 .b .

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.04	0.07	0.08	0.06	34.55	ppb
Molybdenum	95-1	0.07	0.11	0.16	0.11	39.46	ppb
Molybdenum	96-1	0.09	0.10	0.09	0.09	5.92	ppb
Molybdenum	97-1	0.06	0.13	0.16	0.12	44.61	ppb
Molybdenum	98-1	0.07	0.10	0.16	0.11	38.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	0.01	0.00	0.02	140.82	ppb
Phosphorus	31-2	-19.57	2.70	-22.81	-13.23		ppb
Potassium	39-2	16.08	16.67	16.88	16.54	2.50	ppb
Rhodium	103-1				105		%
Rhodium	103-2				105		%
Scandium	45-1				108		%
Scandium	45-2				111		%
Selenium	77-2	-0.11	0.19	-0.11	-0.01		ppb
Selenium	78-2	0.18	0.33	0.69	0.40	65.35	ppb
Selenium	82-1	0.48	0.62	0.35	0.48	27.87	ppb
Silicon	28-1	1.74	0.04	0.85	0.88	97.35	ppb
Silver	109-1	0.01	0.01	0.01	0.01	21.89	ppb
Silver	107-1	0.01	0.01	0.01	0.01	6.81	ppb
Sodium	23-2	31.71	31.70	31.13	31.51	1.05	ppb
Strontium	86-1	-0.04	-0.07	-0.05	-0.05		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-218.10	-397.88	-364.91	-326.97		ppb
Terbium	159-1				102		%
Terbium	159-2				104		%
Thallium	203-1	0.01	0.00	0.01	0.01	43.95	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	19.41	ppb
Tin	118-1	0.03	0.06	0.06	0.05	34.09	ppb
Titanium	47-1	0.00	0.03	0.05	0.03	90.86	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				107		%
Yttrium	89-2				108		%
Zinc	66-2	-0.04	-0.09	-0.06	-0.06		ppb
Zirconium	90-1	0.03	0.03	0.04	0.03	22.47	ppb

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	PB99241BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 13:58:54	DataFile Name :	020CCBE_P7052417 .b .

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.02	0.03	0.02	25.04	ppb

LB Number : LB87715 Operator : Jaswal
 Lab Sample ID : PB99241BS Instrumnet Name : P7
 Client Sample ID : LCS007 Dilution Factor : 1
 Date & Time Acquired :: 2017-05-24 14:02:25 DataFile Name : 021LCSE_P7052417 .b .l

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36.80	37.93	34.58	36.44	4.67	ppb
Antimony	121-1	3.81	3.85	3.90	3.86	1.17	ppb
Arsenic	75-2	1.99	2.17	1.87	2.01	7.54	ppb
Barium	135-1	18.32	18.25	18.64	18.40	1.11	ppb
Barium	137-1	18.54	18.83	18.32	18.56	1.38	ppb
Beryllium	9-1	2.03	1.99	2.03	2.01	1.10	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Boron	10-1	48.85	50.29	52.04	50.39	3.17	ppb
Boron	11-1	50.04	50.53	50.65	50.40	0.64	ppb
Cadmium	111-1	1.95	1.99	1.81	1.92	4.94	ppb
Cadmium	106-1	1.92	2.67	1.09	1.90	41.59	ppb
Cadmium	108-1	2.12	1.91	2.02	2.02	5.10	ppb
Calcium	43-1	879.05	896.12	878.77	884.64	1.12	ppb
Calcium	44-1	876.80	884.88	881.59	881.09	0.46	ppb
Chromium	52-2	3.79	3.79	3.73	3.77	0.97	ppb
Cobalt	59-2	1.92	1.86	1.94	1.91	2.17	ppb
Copper	63-2	3.78	3.76	3.91	3.82	2.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				104		%
Iron	56-2	362.35	368.35	368.36	366.35	0.95	ppb
Iron	57-2	364.91	368.60	366.44	366.65	0.51	ppb
Lead	206-1	2.20	2.09	2.05	2.11	3.64	ppb
Lead	207-1	2.16	2.03	2.05	2.08	3.18	ppb
Lead	208-1	2.17	2.07	2.09	2.11	2.53	ppb
Lithium	6-1				97		%
Magnesium	24-2	921.27	938.13	932.54	930.65	0.92	ppb
Manganese	55-2	1.84	1.97	1.92	1.91	3.40	ppb

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	PB99241BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 14:02:25	DataFile Name :	021LCSE_P7052417 .b .l

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	3.90	3.93	3.84	3.89	1.17	ppb
Molybdenum	95-1	8.97	9.03	8.99	8.99	0.32	ppb
Molybdenum	96-1	7.79	7.74	7.65	7.73	0.92	ppb
Molybdenum	97-1	9.04	8.98	9.02	9.02	0.33	ppb
Molybdenum	98-1	9.02	8.88	8.90	8.93	0.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.02	2.02	1.94	2.00	2.29	ppb
Phosphorus	31-2	-2.50	4.52	-0.81	0.41	898.92	ppb
Potassium	39-2	955.43	940.82	946.56	947.60	0.78	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				106		%
Scandium	45-2				109		%
Selenium	77-2	10.49	10.10	13.09	11.23	14.46	ppb
Selenium	78-2	8.53	9.18	8.87	8.86	3.63	ppb
Selenium	82-1	9.10	9.79	9.12	9.34	4.21	ppb
Silicon	28-1	22.49	23.09	22.61	22.73	1.41	ppb
Silver	109-1	2.01	1.96	1.95	1.97	1.77	ppb
Silver	107-1	1.91	1.97	1.93	1.94	1.51	ppb
Sodium	23-2	979.53	981.79	981.92	981.08	0.14	ppb
Strontium	86-1	2.01	1.93	1.87	1.94	3.63	ppb
Strontium	88-1	1.90	1.92	1.90	1.91	0.71	ppb
Sulfur	34-1	-137.61	22.98	-135.85	-83.49		ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	1.77	1.81	1.70	1.76	2.93	ppb
Thallium	205-1	1.82	1.77	1.77	1.79	1.42	ppb
Tin	118-1	9.15	9.20	9.42	9.26	1.57	ppb
Titanium	47-1	8.89	8.88	9.45	9.07	3.62	ppb
Uranium	238-1	1.71	1.69	1.68	1.69	0.92	ppb
Vanadium	51-2	9.01	9.00	8.96	8.99	0.30	ppb
Yttrium	89-1				104		%
Yttrium	89-2				105		%
Zinc	66-2	3.37	3.71	3.52	3.53	4.76	ppb
Zirconium	90-1	1.76	1.78	1.77	1.77	0.47	ppb

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	PB99241BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 14:02:25	DataFile Name :	021LCSE_P7052417 .b .l

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.78	1.86	1.86	1.84	2.41	ppb

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	I3289-01	Instrumnet Name :	P7
Client Sample ID :	MBD7K3	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 14:05:56	DataFile Name :	022SMPL_P7052417 .b .

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	620.20	648.28	603.10	623.86	3.66	ppb
Antimony	121-1	0.18	0.16	0.16	0.17	7.62	ppb
Arsenic	75-2	1.20	1.22	1.21	1.21	1.01	ppb
Barium	135-1	41.58	41.89	41.57	41.68	0.43	ppb
Barium	137-1	42.16	41.95	41.96	42.02	0.28	ppb
Beryllium	9-1	0.05	0.06	0.05	0.05	3.71	ppb
Bismuth	209-1				111		%
Bismuth	209-2				107		%
Boron	10-1	11.62	10.82	11.54	11.33	3.88	ppb
Boron	11-1	11.39	11.60	11.24	11.41	1.61	ppb
Cadmium	111-1	-0.01	0.14	-0.04	0.03	317.57	ppb
Cadmium	106-1	-0.48	1.55	-0.85	0.07	1745.11	ppb
Cadmium	108-1	0.05	0.11	0.11	0.09	37.35	ppb
Calcium	43-1	23276.95	23012.61	23262.54	23184.03	0.64	ppb
Calcium	44-1	23551.58	23600.14	23788.54	23646.75	0.53	ppb
Chromium	52-2	0.56	0.57	0.60	0.58	4.03	ppb
Cobalt	59-2	0.29	0.30	0.33	0.31	5.89	ppb
Copper	63-2	3.22	3.36	3.45	3.34	3.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				111		%
Indium	115-1				115		%
Indium	115-2				113		%
Iron	56-2	690.33	672.44	673.23	678.67	1.49	ppb
Iron	57-2	674.66	672.93	693.65	680.42	1.69	ppb
Lead	206-1	0.42	0.44	0.41	0.42	3.48	ppb
Lead	207-1	0.38	0.35	0.40	0.38	6.39	ppb
Lead	208-1	0.41	0.39	0.40	0.40	2.17	ppb
Lithium	6-1				109		%
Magnesium	24-2	5450.78	5495.07	5434.69	5460.18	0.57	ppb
Manganese	55-2	63.25	63.12	62.58	62.98	0.56	ppb

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	I3289-01	Instrumnet Name :	P7
Client Sample ID :	MBD7K3	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 14:05:56	DataFile Name :	022SMPL_P7052417 .b .

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.32	0.31	0.44	0.35	20.18	ppb
Molybdenum	95-1	0.36	0.37	0.44	0.39	11.79	ppb
Molybdenum	96-1	0.76	0.37	0.35	0.49	47.39	ppb
Molybdenum	97-1	0.41	0.38	0.40	0.40	3.76	ppb
Molybdenum	98-1	0.37	0.38	0.38	0.37	2.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.13	1.12	1.13	1.13	0.81	ppb
Phosphorus	31-2	20.33	26.32	22.43	23.03	13.19	ppb
Potassium	39-2	1856.70	1845.19	1858.84	1853.58	0.40	ppb
Rhodium	103-1				114		%
Rhodium	103-2				111		%
Scandium	45-1				120		%
Scandium	45-2				117		%
Selenium	77-2	0.18	0.18	1.33	0.56	118.61	ppb
Selenium	78-2	-0.74	-0.26	-0.44	-0.48		ppb
Selenium	82-1	0.39	0.02	-0.39	0.01	7383.61	ppb
Silicon	28-1	3279.62	3192.89	3257.21	3243.24	1.39	ppb
Silver	109-1	0.17	0.23	0.23	0.21	17.64	ppb
Silver	107-1	0.17	0.22	0.23	0.21	14.73	ppb
Sodium	23-2	2378.36	2385.89	2378.44	2380.90	0.18	ppb
Strontium	86-1	168.34	169.07	168.03	168.48	0.32	ppb
Strontium	88-1	170.52	171.97	169.50	170.67	0.73	ppb
Sulfur	34-1	-193.55	-312.48	-216.33	-240.78		ppb
Terbium	159-1				113		%
Terbium	159-2				112		%
Thallium	203-1	0.03	0.04	0.04	0.04	17.40	ppb
Thallium	205-1	0.04	0.03	0.04	0.04	19.04	ppb
Tin	118-1	0.07	0.08	0.08	0.08	7.40	ppb
Titanium	47-1	5.91	8.01	5.89	6.60	18.48	ppb
Uranium	238-1	0.07	0.07	0.09	0.08	16.18	ppb
Vanadium	51-2	0.67	0.71	0.68	0.69	2.90	ppb
Yttrium	89-1				117		%
Yttrium	89-2				114		%
Zinc	66-2	10.71	10.56	10.40	10.55	1.47	ppb
Zirconium	90-1	0.39	0.29	0.34	0.34	14.35	ppb

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	I3289-01	Instrumnet Name :	P7
Client Sample ID :	MBD7K3	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 14:05:56	DataFile Name :	022SMPL_P7052417 .b .

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.35	0.56	0.35	0.42	28.62	ppb

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	I3289-02	Instrumnet Name :	P7
Client Sample ID :	MBD7K3D	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 14:09:26	DataFile Name :	023SMPL_P7052417 .b .

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	628.51	613.81	627.56	623.29	1.32	ppb
Antimony	121-1	0.14	0.16	0.18	0.16	12.85	ppb
Arsenic	75-2	1.31	1.05	1.11	1.16	11.81	ppb
Barium	135-1	42.00	41.40	43.77	42.39	2.91	ppb
Barium	137-1	42.44	41.80	43.57	42.60	2.10	ppb
Beryllium	9-1	0.04	0.04	0.05	0.04	16.20	ppb
Bismuth	209-1				109		%
Bismuth	209-2				107		%
Boron	10-1	11.12	10.74	10.83	10.89	1.85	ppb
Boron	11-1	10.63	10.90	11.18	10.90	2.52	ppb
Cadmium	111-1	0.00	-0.07	-0.02	-0.03		ppb
Cadmium	106-1	-0.01	-0.97	-0.56	-0.52		ppb
Cadmium	108-1	0.07	0.10	0.12	0.09	27.24	ppb
Calcium	43-1	23237.90	23387.47	24224.20	23616.52	2.25	ppb
Calcium	44-1	23597.84	23736.45	24769.77	24034.69	2.66	ppb
Chromium	52-2	0.58	0.57	0.57	0.57	1.11	ppb
Cobalt	59-2	0.31	0.30	0.30	0.30	1.62	ppb
Copper	63-2	3.74	3.74	3.85	3.78	1.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				111		%
Indium	115-1				113		%
Indium	115-2				112		%
Iron	56-2	672.01	676.35	683.91	677.42	0.89	ppb
Iron	57-2	677.45	684.93	714.29	692.22	2.81	ppb
Lead	206-1	0.37	0.39	0.40	0.39	3.40	ppb
Lead	207-1	0.32	0.33	0.40	0.35	11.67	ppb
Lead	208-1	0.36	0.36	0.40	0.37	5.18	ppb
Lithium	6-1				107		%
Magnesium	24-2	5427.26	5430.59	5437.55	5431.80	0.10	ppb
Manganese	55-2	62.78	63.68	63.52	63.33	0.76	ppb

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	I3289-02	Instrumnet Name :	P7
Client Sample ID :	MBD7K3D	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 14:09:26	DataFile Name :	023SMPL_P7052417 .b .

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.64	0.39	0.31	0.45	38.40	ppb
Molybdenum	95-1	0.37	0.36	0.39	0.37	4.14	ppb
Molybdenum	96-1	0.74	0.32	0.40	0.48	46.36	ppb
Molybdenum	97-1	0.30	0.32	0.32	0.31	3.03	ppb
Molybdenum	98-1	0.34	0.34	0.32	0.33	2.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.06	1.06	1.11	1.08	2.93	ppb
Phosphorus	31-2	20.82	16.29	6.56	14.56	50.07	ppb
Potassium	39-2	1799.08	1826.40	1807.41	1810.96	0.77	ppb
Rhodium	103-1				111		%
Rhodium	103-2				110		%
Scandium	45-1				115		%
Scandium	45-2				115		%
Selenium	77-2	0.18	1.04	0.18	0.47	106.28	ppb
Selenium	78-2	-0.38	0.14	0.22	-0.01		ppb
Selenium	82-1	0.81	0.46	0.22	0.50	59.90	ppb
Silicon	28-1	3267.52	3232.03	3381.35	3293.64	2.37	ppb
Silver	109-1	0.22	0.28	0.29	0.26	14.11	ppb
Silver	107-1	0.23	0.26	0.28	0.26	11.39	ppb
Sodium	23-2	2370.75	2362.74	2349.67	2361.05	0.45	ppb
Strontium	86-1	166.09	166.88	173.99	168.98	2.57	ppb
Strontium	88-1	169.14	171.26	178.24	172.88	2.76	ppb
Sulfur	34-1	-313.34	-290.78	-18.63	-207.58		ppb
Terbium	159-1				111		%
Terbium	159-2				111		%
Thallium	203-1	0.01	0.01	0.02	0.01	58.79	ppb
Thallium	205-1	0.01	0.02	0.02	0.02	34.99	ppb
Tin	118-1	0.05	0.06	0.08	0.06	25.61	ppb
Titanium	47-1	13.26	9.89	10.22	11.12	16.70	ppb
Uranium	238-1	0.07	0.08	0.08	0.08	9.12	ppb
Vanadium	51-2	0.70	0.72	0.69	0.70	2.68	ppb
Yttrium	89-1				115		%
Yttrium	89-2				113		%
Zinc	66-2	10.19	10.44	10.74	10.45	2.64	ppb
Zirconium	90-1	0.36	0.38	0.48	0.41	15.09	ppb

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	I3289-02	Instrumnet Name :	P7
Client Sample ID :	MBD7K3D	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 14:09:26	DataFile Name :	023SMPL_P7052417 .b .

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.38	0.31	0.38	0.36	12.13	ppb

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	I3289-01LX5	Instrumnet Name :	P7
Client Sample ID :	MBD7K3L	Dilution Factor :	5
Date & Time Acquired ::	2017-05-24 14:12:56	DataFile Name :	024SMPL_P7052417 .b .

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	109.86	104.51	125.24	113.21	9.51	ppb
Antimony	121-1	0.07	0.08	0.07	0.07	6.14	ppb
Arsenic	75-2	0.26	0.23	0.30	0.27	13.26	ppb
Barium	135-1	8.10	7.96	7.95	8.00	1.03	ppb
Barium	137-1	8.05	8.27	7.99	8.10	1.79	ppb
Beryllium	9-1	0.05	0.04	0.04	0.04	5.27	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	10-1	3.65	4.00	3.79	3.81	4.68	ppb
Boron	11-1	3.97	4.46	4.05	4.16	6.41	ppb
Cadmium	111-1	-0.03	-0.09	-0.08	-0.07		ppb
Cadmium	106-1	-0.42	-1.14	-1.11	-0.89		ppb
Cadmium	108-1	0.06	0.04	-0.02	0.03	142.42	ppb
Calcium	43-1	4567.21	4610.73	4539.21	4572.39	0.79	ppb
Calcium	44-1	4623.84	4598.19	4608.02	4610.02	0.28	ppb
Chromium	52-2	0.12	0.13	0.14	0.13	7.93	ppb
Cobalt	59-2	0.05	0.06	0.04	0.05	17.59	ppb
Copper	63-2	0.83	0.86	0.81	0.83	2.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				105		%
Iron	56-2	127.53	132.56	130.05	130.05	1.93	ppb
Iron	57-2	130.95	132.38	130.06	131.13	0.89	ppb
Lead	206-1	0.07	0.08	0.06	0.07	16.88	ppb
Lead	207-1	0.03	0.06	0.05	0.05	29.19	ppb
Lead	208-1	0.05	0.06	0.06	0.06	5.53	ppb
Lithium	6-1				99		%
Magnesium	24-2	1039.51	1058.23	1058.93	1052.22	1.05	ppb
Manganese	55-2	12.41	12.28	12.10	12.26	1.24	ppb

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	I3289-01LX5	Instrumnet Name :	P7
Client Sample ID :	MBD7K3L	Dilution Factor :	5
Date & Time Acquired ::	2017-05-24 14:12:56	DataFile Name :	024SMPL_P7052417 .b .

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.06	0.41	0.09	0.19	103.35	ppb
Molybdenum	95-1	0.10	0.12	0.13	0.11	11.55	ppb
Molybdenum	96-1	0.07	0.09	0.13	0.10	28.34	ppb
Molybdenum	97-1	0.10	0.13	0.11	0.11	15.01	ppb
Molybdenum	98-1	0.08	0.11	0.11	0.10	14.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.19	0.33	0.32	0.28	27.66	ppb
Phosphorus	31-2	-1.70	-5.56	-10.02	-5.76		ppb
Potassium	39-2	361.97	367.37	365.11	364.82	0.74	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				108		%
Scandium	45-2				108		%
Selenium	77-2	0.51	-0.11	-0.11	0.10	367.19	ppb
Selenium	78-2	-0.32	0.13	0.11	-0.03		ppb
Selenium	82-1	0.24	-0.18	0.38	0.15	195.07	ppb
Silicon	28-1	613.46	649.87	620.23	627.85	3.08	ppb
Silver	109-1	0.07	0.07	0.07	0.07	3.07	ppb
Silver	107-1	0.08	0.08	0.08	0.08	0.97	ppb
Sodium	23-2	477.71	483.90	481.60	481.07	0.65	ppb
Strontium	86-1	32.61	32.31	31.94	32.29	1.05	ppb
Strontium	88-1	32.77	32.51	32.45	32.58	0.53	ppb
Sulfur	34-1	-536.47	-524.97	-665.70	-575.71		ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	0.00	0.00	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.03	0.03	0.03	0.03	10.81	ppb
Titanium	47-1	1.46	1.66	1.39	1.50	9.55	ppb
Uranium	238-1	0.01	0.01	0.02	0.01	31.80	ppb
Vanadium	51-2	0.16	0.13	0.17	0.15	15.77	ppb
Yttrium	89-1				108		%
Yttrium	89-2				106		%
Zinc	66-2	1.95	1.84	2.05	1.95	5.31	ppb
Zirconium	90-1	0.05	0.08	0.07	0.07	19.24	ppb

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	I3289-01LX5	Instrumnet Name :	P7
Client Sample ID :	MBD7K3L	Dilution Factor :	5
Date & Time Acquired ::	2017-05-24 14:12:56	DataFile Name :	024SMPL_P7052417 .b .

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.05	0.06	0.05	20.07	ppb

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	I3289-03	Instrumnet Name :	P7
Client Sample ID :	MBD7K3S	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 14:16:27	DataFile Name :	025SMPL_P7052417 .b .

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2713.53	2760.67	2682.42	2718.87	1.45	ppb
Antimony	121-1	108.21	107.77	107.18	107.72	0.48	ppb
Arsenic	75-2	44.15	44.34	43.76	44.08	0.67	ppb
Barium	135-1	2215.47	2218.52	2208.37	2214.12	0.24	ppb
Barium	137-1	2220.79	2213.71	2214.61	2216.37	0.17	ppb
Beryllium	9-1	55.46	54.63	54.71	54.93	0.84	ppb
Bismuth	209-1				109		%
Bismuth	209-2				106		%
Boron	10-1	9.68	9.31	9.65	9.55	2.14	ppb
Boron	11-1	9.68	9.60	9.80	9.69	1.02	ppb
Cadmium	111-1	54.09	54.05	54.69	54.27	0.66	ppb
Cadmium	106-1	43.39	42.34	45.44	43.73	3.60	ppb
Cadmium	108-1	49.14	48.13	48.23	48.50	1.15	ppb
Calcium	43-1	23257.69	23158.37	23113.37	23176.48	0.32	ppb
Calcium	44-1	23525.40	23602.72	23801.88	23643.33	0.60	ppb
Chromium	52-2	216.34	214.30	215.26	215.30	0.48	ppb
Cobalt	59-2	563.60	561.14	560.04	561.59	0.33	ppb
Copper	63-2	287.75	288.56	286.26	287.52	0.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				110		%
Indium	115-1				113		%
Indium	115-2				109		%
Iron	56-2	1830.74	1791.96	1796.19	1806.30	1.18	ppb
Iron	57-2	1826.20	1760.49	1778.73	1788.47	1.90	ppb
Lead	206-1	21.05	20.96	21.28	21.10	0.77	ppb
Lead	207-1	20.39	20.66	20.62	20.56	0.69	ppb
Lead	208-1	20.86	20.98	20.98	20.94	0.33	ppb
Lithium	6-1				107		%
Magnesium	24-2	5419.61	5457.82	5391.47	5422.96	0.61	ppb
Manganese	55-2	604.21	601.16	606.46	603.94	0.44	ppb

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	I3289-03	Instrumnet Name :	P7
Client Sample ID :	MBD7K3S	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 14:16:27	DataFile Name :	025SMPL_P7052417 .b .

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.34	0.53	0.39	0.42	23.72	ppb
Molybdenum	95-1	0.40	0.39	0.40	0.40	0.71	ppb
Molybdenum	96-1	0.46	0.37	0.43	0.42	11.07	ppb
Molybdenum	97-1	0.38	0.39	0.40	0.39	2.74	ppb
Molybdenum	98-1	0.37	0.39	0.41	0.39	6.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	564.25	563.86	559.89	562.67	0.43	ppb
Phosphorus	31-2	14.76	14.66	-8.72	6.90	196.10	ppb
Potassium	39-2	1801.76	1824.93	1835.00	1820.56	0.94	ppb
Rhodium	103-1				112		%
Rhodium	103-2				108		%
Scandium	45-1				115		%
Scandium	45-2				111		%
Selenium	77-2	113.25	111.78	107.44	110.83	2.73	ppb
Selenium	78-2	114.19	108.87	113.02	112.03	2.50	ppb
Selenium	82-1	112.58	111.26	112.35	112.06	0.63	ppb
Silicon	28-1	3331.36	3258.92	3298.86	3296.38	1.10	ppb
Silver	109-1	62.31	62.30	61.62	62.08	0.65	ppb
Silver	107-1	61.78	61.52	61.26	61.52	0.43	ppb
Sodium	23-2	2352.96	2374.01	2350.06	2359.01	0.55	ppb
Strontium	86-1	165.85	166.38	168.13	166.78	0.71	ppb
Strontium	88-1	170.06	170.10	169.00	169.72	0.37	ppb
Sulfur	34-1	-718.12	-655.75	-706.38	-693.42		ppb
Terbium	159-1				112		%
Terbium	159-2				109		%
Thallium	203-1	51.97	52.22	52.44	52.21	0.45	ppb
Thallium	205-1	52.95	52.39	53.02	52.78	0.65	ppb
Tin	118-1	0.05	0.06	0.05	0.05	3.42	ppb
Titanium	47-1	5.49	10.66	10.29	8.81	32.77	ppb
Uranium	238-1	0.07	0.07	0.08	0.07	5.83	ppb
Vanadium	51-2	533.94	536.00	535.64	535.19	0.21	ppb
Yttrium	89-1				116		%
Yttrium	89-2				111		%
Zinc	66-2	579.06	581.05	580.71	580.27	0.18	ppb
Zirconium	90-1	0.77	0.43	0.30	0.50	48.41	ppb

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	I3289-03	Instrumnet Name :	P7
Client Sample ID :	MBD7K3S	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 14:16:27	DataFile Name :	025SMPL_P7052417 .b .

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.26	0.64	1.40	0.77	75.53	ppb

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	CCV035	Instrumnet Name :	P7
Client Sample ID :	CCV035	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 14:19:57	DataFile Name :	026CCV_P7052417 .b .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50676.12	50749.13	50835.04	50753.43	0.16	ppb
Antimony	121-1	486.41	486.67	489.14	487.40	0.31	ppb
Arsenic	75-2	492.89	489.82	492.67	491.79	0.35	ppb
Barium	135-1	2476.99	2475.76	2479.15	2477.30	0.07	ppb
Barium	137-1	2462.49	2479.72	2474.54	2472.25	0.36	ppb
Beryllium	9-1	528.06	522.11	521.42	523.86	0.70	ppb
Bismuth	209-1				91		%
Bismuth	209-2				90		%
Boron	10-1	529.94	520.65	526.30	525.63	0.89	ppb
Boron	11-1	525.96	522.55	524.19	524.23	0.32	ppb
Cadmium	111-1	477.30	475.56	479.34	477.40	0.40	ppb
Cadmium	106-1	486.31	487.15	487.63	487.03	0.14	ppb
Cadmium	108-1	479.78	474.38	486.40	480.19	1.25	ppb
Calcium	43-1	237645.39	236522.29	236247.89	236805.19	0.31	ppb
Calcium	44-1	237425.72	238742.45	235941.16	237369.77	0.59	ppb
Chromium	52-2	493.23	493.54	492.63	493.13	0.09	ppb
Cobalt	59-2	478.33	476.94	476.51	477.26	0.20	ppb
Copper	63-2	924.23	928.95	923.15	925.44	0.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				96		%
Indium	115-2				96		%
Iron	56-2	120942.13	120808.01	121140.55	120963.56	0.14	ppb
Iron	57-2	120985.40	120121.39	119735.82	120280.87	0.53	ppb
Lead	206-1	493.78	498.58	491.72	494.69	0.71	ppb
Lead	207-1	483.45	487.03	485.38	485.29	0.37	ppb
Lead	208-1	493.56	498.28	495.55	495.79	0.48	ppb
Lithium	6-1				91		%
Magnesium	24-2	249159.90	248441.08	248507.90	248702.96	0.16	ppb
Manganese	55-2	960.04	969.47	965.44	964.98	0.49	ppb

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	CCV035	Instrumnet Name :	P7
Client Sample ID :	CCV035	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 14:19:57	DataFile Name :	026CCV_P7052417 .b .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	493.17	500.67	497.66	497.16	0.76	ppb
Molybdenum	95-1	493.16	501.16	492.92	495.74	0.95	ppb
Molybdenum	96-1	492.68	497.85	493.62	494.72	0.56	ppb
Molybdenum	97-1	494.01	498.23	492.32	494.85	0.61	ppb
Molybdenum	98-1	494.41	492.08	492.65	493.05	0.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	474.51	476.96	477.93	476.46	0.37	ppb
Phosphorus	31-2	10077.97	10106.05	9955.22	10046.41	0.80	ppb
Potassium	39-2	121306.91	121740.62	121548.99	121532.17	0.18	ppb
Rhodium	103-1				93		%
Rhodium	103-2				92		%
Scandium	45-1				103		%
Scandium	45-2				106		%
Selenium	77-2	457.28	465.25	487.71	470.08	3.36	ppb
Selenium	78-2	487.00	477.95	489.26	484.74	1.23	ppb
Selenium	82-1	478.90	480.98	478.68	479.52	0.26	ppb
Silicon	28-1	498.79	509.22	507.92	505.31	1.12	ppb
Silver	109-1	479.91	479.62	483.01	480.85	0.39	ppb
Silver	107-1	481.45	481.43	482.57	481.82	0.13	ppb
Sodium	23-2	242540.32	246104.91	243599.41	244081.55	0.75	ppb
Strontium	86-1	500.70	504.64	499.90	501.75	0.51	ppb
Strontium	88-1	504.40	508.25	506.54	506.40	0.38	ppb
Sulfur	34-1	9983.05	9858.76	9694.36	9845.39	1.47	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	500.03	503.81	497.38	500.41	0.65	ppb
Thallium	205-1	504.61	504.69	501.27	503.53	0.39	ppb
Tin	118-1	483.62	483.99	485.79	484.46	0.24	ppb
Titanium	47-1	490.13	489.25	487.84	489.07	0.24	ppb
Uranium	238-1	505.76	509.12	505.78	506.89	0.38	ppb
Vanadium	51-2	490.34	494.02	489.42	491.26	0.50	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	923.58	919.63	921.73	921.65	0.21	ppb
Zirconium	90-1	496.33	502.51	498.56	499.13	0.63	ppb

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	CCV035	Instrumnet Name :	P7
Client Sample ID :	CCV035	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 14:19:57	DataFile Name :	026CCV_P7052417 .b .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	486.82	493.90	492.10	490.94	0.75	ppb

LB Number : LB87715 Operator : Jaswal
 Lab Sample ID : CCB035 Instrumnet Name : P7
 Client Sample ID : CCB035 Dilution Factor : 1
 Date & Time Acquired :: 2017-05-24 14:27:47 DataFile Name : 027CCBE_P7052417 .b .

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.20	-0.16	0.25	0.10	233.46	ppb
Antimony	121-1	0.75	0.92	1.06	0.91	16.93	ppb
Arsenic	75-2	0.16	0.17	0.17	0.16	3.91	ppb
Barium	135-1	0.01	-0.01	-0.01	0.00		ppb
Barium	137-1	-0.01	0.01	0.00	0.00		ppb
Beryllium	9-1	0.06	0.02	0.06	0.05	48.02	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Boron	10-1	5.27	5.09	4.79	5.05	4.85	ppb
Boron	11-1	5.42	5.22	4.79	5.14	6.26	ppb
Cadmium	111-1	-0.08	-0.07	-0.04	-0.06		ppb
Cadmium	106-1	-1.07	-0.88	-0.56	-0.84		ppb
Cadmium	108-1	0.03	0.03	0.06	0.04	43.56	ppb
Calcium	43-1	-3.65	-0.65	-0.38	-1.56		ppb
Calcium	44-1	-0.11	0.15	1.16	0.40	168.93	ppb
Chromium	52-2	0.01	0.01	0.00	0.00	27.81	ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	33.29	ppb
Copper	63-2	-0.02	-0.02	-0.05	-0.03		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				103		%
Iron	56-2	0.94	1.14	1.02	1.03	10.16	ppb
Iron	57-2	0.61	1.24	1.52	1.12	41.26	ppb
Lead	206-1	0.04	0.06	0.04	0.05	24.23	ppb
Lead	207-1	0.03	0.06	0.04	0.04	40.26	ppb
Lead	208-1	0.03	0.04	0.04	0.04	14.67	ppb
Lithium	6-1				97		%
Magnesium	24-2	0.76	0.39	0.43	0.53	38.17	ppb
Manganese	55-2	-0.06	-0.11	-0.11	-0.09		ppb

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	CCB035	Instrumnet Name :	P7
Client Sample ID :	CCB035	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 14:27:47	DataFile Name :	027CCBE_P7052417 .b .

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.10	0.11	0.16	0.12	28.40	ppb
Molybdenum	95-1	0.14	0.21	0.24	0.19	24.61	ppb
Molybdenum	96-1	0.13	0.15	0.21	0.17	22.17	ppb
Molybdenum	97-1	0.12	0.21	0.25	0.19	34.73	ppb
Molybdenum	98-1	0.12	0.19	0.24	0.19	32.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.08	0.05	0.08	0.07	27.98	ppb
Phosphorus	31-2	5.23	0.30	-13.23	-2.57		ppb
Potassium	39-2	18.65	13.42	13.56	15.21	19.60	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				106		%
Scandium	45-2				107		%
Selenium	77-2	0.83	-0.11	-0.11	0.20	265.39	ppb
Selenium	78-2	0.03	-0.51	0.78	0.10	664.66	ppb
Selenium	82-1	0.38	0.31	0.28	0.32	15.16	ppb
Silicon	28-1	-0.18	-0.41	0.20	-0.13		ppb
Silver	109-1	0.02	0.02	0.02	0.02	21.71	ppb
Silver	107-1	0.02	0.03	0.02	0.02	12.45	ppb
Sodium	23-2	30.44	31.53	29.33	30.43	3.62	ppb
Strontium	86-1	-0.06	-0.01	-0.02	-0.03		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-509.06	-555.62	-543.96	-536.21		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.01	0.01	0.01	0.01	29.12	ppb
Thallium	205-1	0.02	0.02	0.01	0.02	37.23	ppb
Tin	118-1	0.08	0.11	0.15	0.11	26.77	ppb
Titanium	47-1	0.00	0.02	-0.02	0.00	14271.91	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	198.70	ppb
Yttrium	89-1				105		%
Yttrium	89-2				104		%
Zinc	66-2	-0.06	-0.04	-0.08	-0.06		ppb
Zirconium	90-1	0.07	0.09	0.10	0.09	17.68	ppb

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	CCB035	Instrumnet Name :	P7
Client Sample ID :	CCB035	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 14:27:47	DataFile Name :	027CCBE_P7052417 .b .

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	0.06	0.10	0.07	29.96	ppb

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 12:38:19	DataFile Name :	003CALB_P7052417 .b .l

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	25	58	44	39.04	cps
Antimony	121-1	208	267	217	231	13.68	cps
Arsenic	75-2	19	6	22	15	56.69	cps
Barium	135-1	125	117	100	114	11.18	cps
Barium	137-1	200	167	250	206	20.40	cps
Beryllium	9-1	89	128	83	100	24.21	cps
Bismuth	209-1	8731106	8533855	8577694	8614218	1.20	cps
Bismuth	209-2	5288225	5367814	5339145	5331728	0.76	cps
Boron	10-1	267	325	267	286	11.77	cps
Boron	11-1	1425	1383	1317	1375	3.97	cps
Cadmium	111-1	2660	2729	2578	2656	2.85	cps
Cadmium	106-1	3792	3876	3626	3765	3.38	cps
Cadmium	108-1	17	13	8	13	33.36	cps
Calcium	43-1	425	350	342	372	12.33	cps
Calcium	44-1	13899	13916	13682	13832	0.94	cps
Chromium	52-2	1510	1620	1350	1493	9.09	cps
Cobalt	59-2	177	217	177	190	12.15	cps
Copper	63-2	2804	2830	2807	2814	0.52	cps
Dysprosium	156-1	50	42	33	42	20.00	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	50	17	58	42	52.91	cps
Erbium	164-2	27	17	7	17	59.99	cps
Gadolinium	160-1	83	100	108	97	13.09	cps
Gadolinium	160-2	60	37	40	46	27.70	cps
Holmium	165-1	12741780	12696911	12541431	12660041	0.83	cps
Holmium	165-2	6605900	6719801	6609392	6645031	0.97	cps
Indium	115-1	10095335	10058153	9999868	10051118	0.48	cps
Indium	115-2	1982394	1985500	1998080	1988658	0.42	cps
Iron	56-2	5490	5779	5473	5581	3.08	cps
Iron	57-2	144	100	144	130	19.80	cps
Lead	206-1	1383	1606	1422	1470	8.07	cps
Lead	207-1	1283	1411	1272	1322	5.84	cps
Lead	208-1	5906	6362	6023	6097	3.88	cps
Lithium	6-1	2292825	2275770	2287517	2285370	0.38	cps
Magnesium	24-2	350	542	417	436	22.31	cps
Manganese	55-2	457	477	440	458	4.01	cps

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 12:38:19	DataFile Name :	003CALB_P7052417 .b .l

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	433	392	375	400	7.51	cps
Molybdenum	95-1	75	108	158	114	36.83	cps
Molybdenum	96-1	167	208	283	219	26.94	cps
Molybdenum	97-1	133	167	83	128	32.83	cps
Molybdenum	98-1	233	175	300	236	26.49	cps
Neodymium	150-1	7	0	20	9	114.55	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	450	450	473	458	2.94	cps
Phosphorus	31-2	417	383	392	397	4.37	cps
Potassium	39-2	40281	41116	40423	40607	1.10	cps
Rhodium	103-1	9387266	9350980	9384238	9374161	0.21	cps
Rhodium	103-2	4595708	4657763	4638044	4630505	0.68	cps
Scandium	45-1	6348187	6292341	6289022	6309850	0.53	cps
Scandium	45-2	286984	290663	288809	288818	0.64	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	83	80	107	90	16.74	cps
Selenium	82-1	-76	-29	-75	-60	-44.87	cps
Silicon	28-1	422984	423799	423618	423467	0.10	cps
Silver	109-1	58	117	150	108	42.83	cps
Silver	107-1	117	108	217	147	40.95	cps
Sodium	23-2	20723	20999	21107	20943	0.95	cps
Strontium	86-1	1925	2084	2092	2034	4.62	cps
Strontium	88-1	417	317	383	372	13.68	cps
Sulfur	34-1	715799	720710	719345	718618	0.35	cps
Terbium	159-1	13102828	13071973	13006887	13060562	0.38	cps
Terbium	159-2	6565008	6567934	6571568	6568170	0.05	cps
Thallium	203-1	350	283	367	333	13.23	cps
Thallium	205-1	742	775	783	767	2.88	cps
Tin	118-1	867	992	858	906	8.25	cps
Titanium	47-1	167	158	100	142	25.64	cps
Uranium	238-1	300	367	342	336	10.02	cps
Vanadium	51-2	37	23	20	27	33.08	cps
Yttrium	89-1	10124933	10168250	10050559	10114580	0.59	cps
Yttrium	89-2	1509537	1523467	1518319	1517107	0.46	cps
Zinc	66-2	230	230	243	234	3.28	cps
Zirconium	90-1	800	725	1017	847	17.88	cps

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 12:38:19	DataFile Name :	003CALB_P7052417 .b .l

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	242	192	175	203	17.11	cps

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 12:45:57	DataFile Name :	005CAL5_P7052417 .b .l

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2184	2300	2275	2253	2.73	cps
Antimony	121-1	25391	25107	26384	25627	2.62	cps
Arsenic	75-2	470	433	493	465	6.43	cps
Barium	135-1	30309	29357	29290	29652	1.92	cps
Barium	137-1	49866	49732	50401	49999	0.71	cps
Beryllium	9-1	2239	2834	2667	2580	11.89	cps
Bismuth	209-1	8794406	8746528	8873037	8804657	0.73	cps
Bismuth	209-2	5329476	5376025	5367562	5357688	0.46	cps
Boron	10-1	8219	8861	8553	8544	3.76	cps
Boron	11-1	40781	41341	40789	40970	0.78	cps
Cadmium	111-1	5701	6071	6000	5924	3.31	cps
Cadmium	106-1	4142	4409	4117	4223	3.83	cps
Cadmium	108-1	296	279	196	257	20.85	cps
Calcium	43-1	17987	17803	17586	17792	1.13	cps
Calcium	44-1	298641	299443	299010	299031	0.13	cps
Chromium	52-2	9703	9697	9913	9771	1.26	cps
Cobalt	59-2	6602	6765	6918	6762	2.34	cps
Copper	63-2	13486	14034	13703	13741	2.01	cps
Dysprosium	156-1	58	75	50	61	20.83	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	75	42	33	50	44.10	cps
Erbium	164-2	37	23	20	27	33.08	cps
Gadolinium	160-1	108	100	67	92	24.05	cps
Gadolinium	160-2	43	47	67	52	24.17	cps
Holmium	165-1	12997622	12983960	12985355	12988979	0.06	cps
Holmium	165-2	6752870	6775129	6754764	6760921	0.18	cps
Indium	115-1	10373030	10370317	10356882	10366743	0.08	cps
Indium	115-2	2013262	2039441	2027682	2026795	0.65	cps
Iron	56-2	165253	164713	165369	165112	0.21	cps
Iron	57-2	4295	4262	4128	4229	2.09	cps
Lead	206-1	13118	13107	12962	13062	0.67	cps
Lead	207-1	11416	11489	11589	11498	0.75	cps
Lead	208-1	52280	52308	52837	52475	0.60	cps
Lithium	6-1	2324582	2332225	2320351	2325720	0.26	cps
Magnesium	24-2	143245	144111	144306	143887	0.39	cps
Manganese	55-2	2314	2207	2377	2299	3.74	cps

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 12:45:57	DataFile Name :	005CAL5_P7052417 .b .l

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	24121	24247	23495	23954	1.68	cps
Molybdenum	95-1	29907	28672	29173	29250	2.12	cps
Molybdenum	96-1	32605	32655	31453	32238	2.11	cps
Molybdenum	97-1	17778	17478	18554	17937	3.10	cps
Molybdenum	98-1	46987	46293	47380	46887	1.17	cps
Neodymium	150-1	0	27	20	16	89.22	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	2200	2130	2357	2229	5.21	cps
Phosphorus	31-2	275	333	258	289	13.63	cps
Potassium	39-2	173148	172988	175546	173894	0.82	cps
Rhodium	103-1	9667717	9670118	9692854	9676897	0.14	cps
Rhodium	103-2	4693081	4733006	4758371	4728153	0.70	cps
Scandium	45-1	6443286	6520073	6474061	6479140	0.60	cps
Scandium	45-2	291844	296691	294437	294324	0.82	cps
Selenium	77-2	27	27	73	42	63.80	cps
Selenium	78-2	246	281	252	260	7.28	cps
Selenium	82-1	1026	866	909	934	8.85	cps
Silicon	28-1	505947	505663	512135	507915	0.72	cps
Silver	109-1	19865	19631	19472	19656	1.00	cps
Silver	107-1	20315	20908	20599	20607	1.44	cps
Sodium	23-2	293126	296332	296897	295452	0.69	cps
Strontium	86-1	5660	6027	5326	5671	6.18	cps
Strontium	88-1	33699	33916	34559	34058	1.31	cps
Sulfur	34-1	719433	727011	730857	725767	0.80	cps
Terbium	159-1	13473066	13445042	13317891	13412000	0.62	cps
Terbium	159-2	6677623	6710501	6620232	6669452	0.68	cps
Thallium	203-1	12898	12682	13140	12907	1.78	cps
Thallium	205-1	31422	29909	30210	30514	2.62	cps
Tin	118-1	50927	49990	50082	50333	1.03	cps
Titanium	47-1	8945	8636	8361	8647	3.38	cps
Uranium	238-1	42287	43039	41083	42136	2.34	cps
Vanadium	51-2	15385	16102	15929	15805	2.37	cps
Yttrium	89-1	10412850	10466666	10506695	10462070	0.45	cps
Yttrium	89-2	1527660	1552932	1545044	1541879	0.84	cps
Zinc	66-2	1643	1493	1547	1561	4.87	cps
Zirconium	90-1	19280	18838	19122	19080	1.17	cps

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 12:45:57	DataFile Name :	005CALS_P7052417 .b .l

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4259	4584	4559	4468	4.05	cps

LB Number : LB87715 Operator : Jaswal
 Lab Sample ID : S03 Instrumnet Name : P7
 Client Sample ID : S03 Dilution Factor : 1
 Date & Time Acquired :: 2017-05-24 12:49:47 DataFile Name : 006CAL5_P7052417 .b .l

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	133676	134013	133373	133687	0.24	cps
Antimony	121-1	663712	655054	650437	656401	1.03	cps
Arsenic	75-2	26177	26122	25923	26074	0.51	cps
Barium	135-1	848498	842728	858191	849806	0.92	cps
Barium	137-1	1462047	1459772	1479128	1466982	0.72	cps
Beryllium	9-1	143169	146371	145423	144987	1.13	cps
Bismuth	209-1	8783157	8825178	8841696	8816677	0.34	cps
Bismuth	209-2	5387648	5413398	5441653	5414233	0.50	cps
Boron	10-1	19555	19321	19513	19463	0.64	cps
Boron	11-1	95551	97186	98075	96937	1.32	cps
Cadmium	111-1	190196	188864	188617	189225	0.45	cps
Cadmium	106-1	24873	24347	24431	24550	1.15	cps
Cadmium	108-1	14074	13678	13807	13853	1.46	cps
Calcium	43-1	204918	205931	206674	205841	0.43	cps
Calcium	44-1	3369553	3410308	3379730	3386530	0.63	cps
Chromium	52-2	231092	231423	232575	231697	0.34	cps
Cobalt	59-2	382119	381866	382890	382292	0.14	cps
Copper	63-2	547325	552845	550643	550271	0.50	cps
Dysprosium	156-1	42	125	33	67	76.04	cps
Dysprosium	156-2	7	13	7	9	43.25	cps
Erbium	164-1	100	58	67	75	29.40	cps
Erbium	164-2	23	27	20	23	14.29	cps
Gadolinium	160-1	75	100	117	97	21.57	cps
Gadolinium	160-2	47	63	60	57	15.56	cps
Holmium	165-1	12961115	13034747	13151505	13049122	0.74	cps
Holmium	165-2	6750277	6750275	6821190	6773914	0.60	cps
Indium	115-1	10262294	10268625	10354192	10295037	0.50	cps
Indium	115-2	2012892	2046116	2025897	2028302	0.83	cps
Iron	56-2	9542963	9443770	9504413	9497049	0.53	cps
Iron	57-2	232153	231622	234753	232843	0.72	cps
Lead	206-1	587726	588875	588245	588282	0.10	cps
Lead	207-1	531362	526894	528226	528827	0.43	cps
Lead	208-1	2394846	2384746	2388188	2389260	0.21	cps
Lithium	6-1	2300113	2335078	2330239	2321810	0.82	cps
Magnesium	24-2	1661624	1663141	1659271	1661346	0.12	cps
Manganese	55-2	253422	247467	253042	251310	1.33	cps

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 12:49:47	DataFile Name :	006CAL5_P7052417 .b .l

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	625136	636702	629295	630378	0.93	cps
Molybdenum	95-1	338425	338685	338964	338691	0.08	cps
Molybdenum	96-1	433281	435706	434913	434633	0.28	cps
Molybdenum	97-1	210870	212884	210767	211507	0.56	cps
Molybdenum	98-1	544804	553870	545625	548100	0.91	cps
Neodymium	150-1	113	60	80	84	31.91	cps
Neodymium	150-2	7	7	7	7	0.00	cps
Nickel	60-2	100454	102425	101569	101483	0.97	cps
Phosphorus	31-2	7577	7711	7694	7661	0.95	cps
Potassium	39-2	817017	817065	818832	817638	0.13	cps
Rhodium	103-1	9453699	9587484	9617224	9552802	0.91	cps
Rhodium	103-2	4697484	4744636	4723204	4721775	0.50	cps
Scandium	45-1	6433468	6491368	6438938	6454591	0.50	cps
Scandium	45-2	296972	296423	297741	297045	0.22	cps
Selenium	77-2	447	467	497	470	5.35	cps
Selenium	78-2	1821	1874	1763	1819	3.05	cps
Selenium	82-1	10965	11380	11445	11263	2.31	cps
Silicon	28-1	926363	936349	946328	936347	1.07	cps
Silver	109-1	865997	868182	872037	868738	0.35	cps
Silver	107-1	902297	915538	906459	908098	0.75	cps
Sodium	23-2	3171462	3187406	3193359	3184076	0.36	cps
Strontium	86-1	229457	231014	229166	229879	0.43	cps
Strontium	88-1	1965982	1990421	1973625	1976676	0.63	cps
Sulfur	34-1	777393	783418	784920	781910	0.51	cps
Terbium	159-1	13276966	13510782	13451459	13413069	0.91	cps
Terbium	159-2	6758228	6726999	6728492	6737906	0.26	cps
Thallium	203-1	716466	722670	724183	721106	0.57	cps
Thallium	205-1	1737834	1741703	1747387	1742308	0.28	cps
Tin	118-1	574016	577463	581279	577586	0.63	cps
Titanium	47-1	99156	100391	102043	100530	1.44	cps
Uranium	238-1	2400169	2393837	2410709	2401572	0.35	cps
Vanadium	51-2	183319	182975	184210	183502	0.35	cps
Yttrium	89-1	10456128	10445032	10457977	10453045	0.07	cps
Yttrium	89-2	1549064	1552371	1559706	1553714	0.35	cps
Zinc	66-2	77085	78097	77216	77466	0.71	cps
Zirconium	90-1	1200983	1200424	1201588	1200998	0.05	cps

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 12:49:47	DataFile Name :	006CALS_P7052417 .b .l

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	264605	267720	270471	267599	1.10	cps

LB Number : LB87715 Operator : Jaswal
 Lab Sample ID : S04 Instrumnet Name : P7
 Client Sample ID : S04 Dilution Factor : 1
 Date & Time Acquired :: 2017-05-24 12:53:47 DataFile Name : 007CAL5_P7052417 .b .l

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	339287	333867	334901	336018	0.86	cps
Antimony	121-1	1800733	1797695	1777888	1792105	0.69	cps
Arsenic	75-2	65978	66399	65673	66017	0.55	cps
Barium	135-1	2148929	2146914	2147993	2147945	0.05	cps
Barium	137-1	3756800	3797867	3764437	3773035	0.58	cps
Beryllium	9-1	364731	365119	366942	365597	0.32	cps
Bismuth	209-1	8834625	8887048	8898185	8873286	0.38	cps
Bismuth	209-2	5454226	5482292	5419617	5452045	0.58	cps
Boron	10-1	48010	48997	48429	48479	1.02	cps
Boron	11-1	237173	240761	243345	240426	1.29	cps
Cadmium	111-1	469375	475795	473841	473003	0.70	cps
Cadmium	106-1	56078	55978	55962	56006	0.11	cps
Cadmium	108-1	34901	34718	35386	35002	0.99	cps
Calcium	43-1	527845	524879	523015	525246	0.46	cps
Calcium	44-1	8427255	8504884	8448024	8460054	0.48	cps
Chromium	52-2	579972	574383	574060	576139	0.58	cps
Cobalt	59-2	957451	957839	953361	956217	0.26	cps
Copper	63-2	1382705	1380728	1375646	1379693	0.26	cps
Dysprosium	156-1	117	133	133	128	7.53	cps
Dysprosium	156-2	17	7	27	17	59.99	cps
Erbium	164-1	58	42	42	47	20.38	cps
Erbium	164-2	17	23	30	23	28.56	cps
Gadolinium	160-1	125	117	125	122	3.94	cps
Gadolinium	160-2	73	60	40	58	29.04	cps
Holmium	165-1	13144820	13281856	13327569	13251415	0.72	cps
Holmium	165-2	6885284	6907269	6813745	6868766	0.71	cps
Indium	115-1	10381313	10416963	10362264	10386846	0.27	cps
Indium	115-2	2041327	2041998	2043747	2042357	0.06	cps
Iron	56-2	23745421	23807421	23864521	23805788	0.25	cps
Iron	57-2	591624	588092	585553	588423	0.52	cps
Lead	206-1	1502557	1504783	1505981	1504440	0.12	cps
Lead	207-1	1358664	1363701	1355769	1359378	0.30	cps
Lead	208-1	6086050	6124253	6129832	6113378	0.39	cps
Lithium	6-1	2305869	2344623	2319159	2323217	0.85	cps
Magnesium	24-2	4220539	4200075	4177818	4199477	0.51	cps
Manganese	55-2	638764	633326	633005	635032	0.51	cps

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 12:53:47	DataFile Name :	007CAL5_P7052417 .b .l

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1621180	1606712	1611948	1613280	0.45	cps
Molybdenum	95-1	872799	862919	872367	869362	0.64	cps
Molybdenum	96-1	1118004	1119830	1112447	1116760	0.34	cps
Molybdenum	97-1	538457	543544	540243	540748	0.48	cps
Molybdenum	98-1	1401846	1402833	1392202	1398960	0.42	cps
Neodymium	150-1	133	147	140	140	4.76	cps
Neodymium	150-2	37	27	17	27	37.50	cps
Nickel	60-2	254433	253661	252030	253375	0.48	cps
Phosphorus	31-2	19146	19355	19180	19227	0.58	cps
Potassium	39-2	2005729	1993581	2001167	2000159	0.31	cps
Rhodium	103-1	9569998	9718878	9595469	9628115	0.83	cps
Rhodium	103-2	4730055	4750814	4741523	4740797	0.22	cps
Scandium	45-1	6566471	6570781	6546088	6561114	0.20	cps
Scandium	45-2	297657	298419	298171	298082	0.13	cps
Selenium	77-2	1307	1450	1317	1358	5.89	cps
Selenium	78-2	4534	4525	4506	4522	0.31	cps
Selenium	82-1	28933	29071	29098	29034	0.31	cps
Silicon	28-1	1722061	1736586	1741530	1733392	0.58	cps
Silver	109-1	2211409	2216270	2196768	2208149	0.46	cps
Silver	107-1	2269609	2302623	2291076	2287770	0.73	cps
Sodium	23-2	7937648	7936514	7835240	7903134	0.74	cps
Strontium	86-1	575317	578043	581500	578287	0.54	cps
Strontium	88-1	5054633	5065027	5085156	5068272	0.31	cps
Sulfur	34-1	887076	885943	879756	884258	0.45	cps
Terbium	159-1	13613373	13678259	13653777	13648470	0.24	cps
Terbium	159-2	6771712	6826213	6682811	6760245	1.07	cps
Thallium	203-1	1828294	1852114	1849935	1843448	0.71	cps
Thallium	205-1	4448180	4490155	4477455	4471930	0.48	cps
Tin	118-1	1461140	1467324	1462644	1463703	0.22	cps
Titanium	47-1	254772	252465	255035	254091	0.56	cps
Uranium	238-1	6165200	6186243	6212087	6187843	0.38	cps
Vanadium	51-2	461035	463185	462744	462321	0.25	cps
Yttrium	89-1	10533055	10560864	10549435	10547784	0.13	cps
Yttrium	89-2	1564002	1577389	1566604	1569332	0.45	cps
Zinc	66-2	196260	194226	194527	195004	0.56	cps
Zirconium	90-1	3073203	3081260	3082072	3078845	0.16	cps

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 12:53:47	DataFile Name :	007CALS_P7052417 .b .l

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	680870	688176	685140	684729	0.54	cps

LB Number : LB87715 Operator : Jaswal
 Lab Sample ID : S05 Instrumnet Name : P7
 Client Sample ID : S05 Dilution Factor : 1
 Date & Time Acquired :: 2017-05-24 12:57:30 DataFile Name : 008CAL5_P7052417 .b .l

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	653600	649452	649743	650932	0.36	cps
Antimony	121-1	3609227	3613058	3592945	3605077	0.30	cps
Arsenic	75-2	128651	129770	128263	128895	0.61	cps
Barium	135-1	4264811	4287153	4278010	4276658	0.26	cps
Barium	137-1	7317410	7323839	7288481	7309910	0.26	cps
Beryllium	9-1	715475	705982	709223	710227	0.68	cps
Bismuth	209-1	8530688	8664059	8654908	8616552	0.86	cps
Bismuth	209-2	5314876	5340644	5353943	5336488	0.37	cps
Boron	10-1	93741	94024	93429	93731	0.32	cps
Boron	11-1	464809	473257	470289	469452	0.91	cps
Cadmium	111-1	929447	922985	928686	927039	0.38	cps
Cadmium	106-1	106322	104382	105190	105298	0.93	cps
Cadmium	108-1	68431	69553	68469	68818	0.93	cps
Calcium	43-1	1021015	1029624	1023382	1024674	0.43	cps
Calcium	44-1	16530871	16556299	16668142	16585104	0.44	cps
Chromium	52-2	1112626	1113854	1121391	1115957	0.43	cps
Cobalt	59-2	1835557	1836165	1852127	1841283	0.51	cps
Copper	63-2	2645989	2656078	2672899	2658322	0.51	cps
Dysprosium	156-1	92	92	92	92	0.00	cps
Dysprosium	156-2	37	30	37	34	11.18	cps
Erbium	164-1	92	33	67	64	45.81	cps
Erbium	164-2	27	23	30	27	12.51	cps
Gadolinium	160-1	158	158	92	136	28.28	cps
Gadolinium	160-2	77	60	63	67	13.23	cps
Holmium	165-1	12983836	13166686	13001088	13050536	0.77	cps
Holmium	165-2	6779178	6774413	6815918	6789836	0.33	cps
Indium	115-1	10222449	10139172	10249739	10203787	0.56	cps
Indium	115-2	1980360	1984162	1982495	1982339	0.10	cps
Iron	56-2	46125936	46136944	46637994	46300291	0.63	cps
Iron	57-2	1135977	1143553	1145524	1141685	0.44	cps
Lead	206-1	2959175	2936983	2976181	2957446	0.66	cps
Lead	207-1	2657652	2658880	2672573	2663035	0.31	cps
Lead	208-1	12019944	12006101	12093986	12040010	0.39	cps
Lithium	6-1	2287580	2286820	2274543	2282981	0.32	cps
Magnesium	24-2	8064151	8060438	8032031	8052207	0.22	cps
Manganese	55-2	1222641	1228395	1236944	1229327	0.59	cps

LB Number : LB87715 Operator : Jaswal
 Lab Sample ID : S05 Instrumnet Name : P7
 Client Sample ID : S05 Dilution Factor : 1
 Date & Time Acquired :: 2017-05-24 12:57:30 DataFile Name : 008CAL5_P7052417 .b .l

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3188805	3172626	3170144	3177192	0.32	cps
Molybdenum	95-1	1713803	1708348	1701925	1708026	0.35	cps
Molybdenum	96-1	2210201	2194873	2194795	2199956	0.40	cps
Molybdenum	97-1	1071309	1068689	1059645	1066548	0.57	cps
Molybdenum	98-1	2784618	2778732	2765350	2776233	0.36	cps
Neodymium	150-1	353	267	360	327	15.94	cps
Neodymium	150-2	30	53	33	39	32.45	cps
Nickel	60-2	490014	488238	492757	490336	0.46	cps
Phosphorus	31-2	35894	36287	36170	36117	0.56	cps
Potassium	39-2	3842046	3825602	3849028	3838892	0.31	cps
Rhodium	103-1	9331052	9347242	9406400	9361565	0.42	cps
Rhodium	103-2	4570229	4581476	4609393	4587032	0.44	cps
Scandium	45-1	6409886	6371346	6399119	6393450	0.31	cps
Scandium	45-2	291662	290216	292154	291344	0.35	cps
Selenium	77-2	2584	2444	2667	2565	4.40	cps
Selenium	78-2	8949	8727	8764	8813	1.35	cps
Selenium	82-1	56312	56826	56564	56567	0.45	cps
Silicon	28-1	2965588	2986259	2988664	2980170	0.43	cps
Silver	109-1	4299161	4293447	4307897	4300168	0.17	cps
Silver	107-1	4458586	4462074	4458714	4459792	0.04	cps
Sodium	23-2	15302624	15240850	15224702	15256059	0.27	cps
Strontium	86-1	1128385	1125879	1135661	1129975	0.45	cps
Strontium	88-1	9747947	9769177	9825812	9780979	0.41	cps
Sulfur	34-1	1044378	1036724	1028578	1036560	0.76	cps
Terbium	159-1	13472166	13421803	13486989	13460319	0.25	cps
Terbium	159-2	6720165	6660148	6677855	6686056	0.46	cps
Thallium	203-1	3632082	3664936	3668987	3655335	0.55	cps
Thallium	205-1	8738019	8707512	8702307	8715946	0.22	cps
Tin	118-1	2904762	2906651	2907251	2906221	0.04	cps
Titanium	47-1	492806	495363	499336	495835	0.66	cps
Uranium	238-1	12330650	12425983	12409609	12388747	0.41	cps
Vanadium	51-2	903229	902870	905284	903794	0.14	cps
Yttrium	89-1	10371636	10328994	10369855	10356828	0.23	cps
Yttrium	89-2	1527481	1531666	1544051	1534399	0.56	cps
Zinc	66-2	377878	378029	378897	378268	0.15	cps
Zirconium	90-1	6042410	5972486	6028093	6014330	0.61	cps

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 12:57:30	DataFile Name :	008CALS_P7052417 .b .l

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1340875	1339392	1341511	1340593	0.08	cps

LB Number : LB87715 Operator : Jaswal
 Lab Sample ID : S06 Instrumnet Name : P7
 Client Sample ID : S06 Dilution Factor : 1
 Date & Time Acquired :: 2017-05-24 13:01:09 DataFile Name : 009CAL5_P7052417 .b .l

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1293736	1295128	1305862	1298242	0.51	cps
Antimony	121-1	7339775	7310620	7274309	7308235	0.45	cps
Arsenic	75-2	257722	258283	259750	258585	0.40	cps
Barium	135-1	8503843	8552405	8547473	8534574	0.31	cps
Barium	137-1	14576783	14724736	14804366	14701962	0.79	cps
Beryllium	9-1	1400693	1413464	1419597	1411251	0.68	cps
Bismuth	209-1	8710227	8754729	8721961	8728972	0.26	cps
Bismuth	209-2	5326771	5327732	5336712	5330405	0.10	cps
Boron	10-1	184704	188773	187253	186910	1.10	cps
Boron	11-1	922769	928745	940475	930663	0.97	cps
Cadmium	111-1	1837063	1840990	1831701	1836585	0.25	cps
Cadmium	106-1	209609	206661	202795	206355	1.66	cps
Cadmium	108-1	135090	136024	135869	135661	0.37	cps
Calcium	43-1	2045785	2042985	2057817	2048862	0.38	cps
Calcium	44-1	32939760	32894273	33103973	32979335	0.33	cps
Chromium	52-2	2230976	2223384	2252509	2235623	0.68	cps
Cobalt	59-2	3672125	3676065	3692136	3680109	0.29	cps
Copper	63-2	5230536	5256482	5265067	5250695	0.34	cps
Dysprosium	156-1	308	283	367	319	13.39	cps
Dysprosium	156-2	133	117	113	121	8.85	cps
Erbium	164-1	108	67	50	75	40.06	cps
Erbium	164-2	43	33	43	40	14.43	cps
Gadolinium	160-1	150	200	150	167	17.32	cps
Gadolinium	160-2	97	113	113	108	8.93	cps
Holmium	165-1	13236020	13285176	13201089	13240761	0.32	cps
Holmium	165-2	6954665	6838155	6843962	6878928	0.95	cps
Indium	115-1	10140959	10119443	10144934	10135112	0.14	cps
Indium	115-2	1953943	1984865	1993047	1977285	1.04	cps
Iron	56-2	92364110	92399722	92935327	92566386	0.35	cps
Iron	57-2	2264393	2272700	2288603	2275232	0.54	cps
Lead	206-1	5943577	5926595	5977358	5949177	0.43	cps
Lead	207-1	5346757	5348988	5412601	5369449	0.70	cps
Lead	208-1	23950033	23957529	23961129	23956230	0.02	cps
Lithium	6-1	2267612	2284082	2289096	2280263	0.49	cps
Magnesium	24-2	16038082	15952837	16003870	15998263	0.27	cps
Manganese	55-2	2454884	2469086	2490907	2471626	0.73	cps

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 13:01:09	DataFile Name :	009CAL5_P7052417 .b .l

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6451296	6499456	6467114	6472622	0.38	cps
Molybdenum	95-1	3424039	3449126	3436077	3436414	0.37	cps
Molybdenum	96-1	4452361	4422559	4444357	4439759	0.35	cps
Molybdenum	97-1	2147422	2152583	2136159	2145388	0.39	cps
Molybdenum	98-1	5616251	5603437	5567371	5595686	0.45	cps
Neodymium	150-1	553	733	593	627	15.08	cps
Neodymium	150-2	83	60	73	72	16.21	cps
Nickel	60-2	963064	971056	968137	967419	0.42	cps
Phosphorus	31-2	72518	74579	73724	73607	1.41	cps
Potassium	39-2	7581835	7544877	7557564	7561426	0.25	cps
Rhodium	103-1	9402872	9416943	9323546	9381120	0.54	cps
Rhodium	103-2	4556830	4578056	4611430	4582105	0.60	cps
Scandium	45-1	6425383	6448435	6496846	6456888	0.56	cps
Scandium	45-2	294762	294682	297936	295794	0.63	cps
Selenium	77-2	5254	5244	5161	5220	0.98	cps
Selenium	78-2	17188	17605	17926	17573	2.11	cps
Selenium	82-1	112340	113303	112658	112767	0.44	cps
Silicon	28-1	4501000	4511399	4561331	4524577	0.71	cps
Silver	109-1	8568957	8564334	8554407	8562566	0.09	cps
Silver	107-1	8989731	8977618	8880459	8949270	0.67	cps
Sodium	23-2	30497473	30255822	30533311	30428868	0.50	cps
Strontium	86-1	2256904	2253683	2267036	2259208	0.31	cps
Strontium	88-1	19577474	19815942	19700463	19697960	0.61	cps
Sulfur	34-1	1377111	1386516	1378437	1380688	0.37	cps
Terbium	159-1	13530745	13712544	13612119	13618469	0.67	cps
Terbium	159-2	6743282	6762473	6814600	6773452	0.54	cps
Thallium	203-1	7349531	7290559	7397931	7346007	0.73	cps
Thallium	205-1	17144152	17500331	17360582	17335022	1.04	cps
Tin	118-1	5822481	5843343	5842999	5836275	0.20	cps
Titanium	47-1	993876	989173	997222	993424	0.41	cps
Uranium	238-1	24877352	25047545	24813152	24912683	0.49	cps
Vanadium	51-2	1806700	1821307	1838668	1822225	0.88	cps
Yttrium	89-1	10490364	10516862	10513711	10506979	0.14	cps
Yttrium	89-2	1545478	1536833	1552794	1545035	0.52	cps
Zinc	66-2	751831	745339	752731	749967	0.54	cps
Zirconium	90-1	12181134	12240870	12258045	12226683	0.33	cps

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 13:01:09	DataFile Name :	009CALS_P7052417 .b .l

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2707336	2717734	2740948	2722006	0.63	cps

LB Number : LB87715 Operator : Jaswal
 Lab Sample ID : S07 Instrumnet Name : P7
 Client Sample ID : S07 Dilution Factor : 1
 Date & Time Acquired :: 2017-05-24 13:04:43 DataFile Name : 010CAL5_P7052417 .b .l

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2592358	2569157	2564032	2575182	0.59	cps
Antimony	121-1	14645345	14572919	14678427	14632230	0.37	cps
Arsenic	75-2	516205	515332	514491	515343	0.17	cps
Barium	135-1	16879075	16896551	17111127	16962251	0.76	cps
Barium	137-1	29432223	29113751	29429071	29325015	0.62	cps
Beryllium	9-1	2778373	2757382	2761486	2765747	0.40	cps
Bismuth	209-1	8691525	8591952	8622450	8635309	0.59	cps
Bismuth	209-2	5237185	5237541	5187911	5220879	0.55	cps
Boron	10-1	369530	368985	374887	371134	0.88	cps
Boron	11-1	1829246	1836104	1857410	1840920	0.80	cps
Cadmium	111-1	3619286	3582314	3631002	3610867	0.70	cps
Cadmium	106-1	401501	400512	402044	401352	0.19	cps
Cadmium	108-1	265162	266527	267535	266408	0.45	cps
Calcium	43-1	4059381	4067081	4076756	4067739	0.21	cps
Calcium	44-1	65250101	65641245	65561910	65484419	0.32	cps
Chromium	52-2	4485995	4470408	4428526	4461643	0.67	cps
Cobalt	59-2	7225014	7162105	7165197	7184105	0.49	cps
Copper	63-2	10334099	10320071	10211920	10288697	0.65	cps
Dysprosium	156-1	467	517	408	464	11.69	cps
Dysprosium	156-2	110	130	77	106	25.52	cps
Erbium	164-1	83	125	92	100	22.05	cps
Erbium	164-2	63	37	47	49	27.55	cps
Gadolinium	160-1	233	292	267	264	11.09	cps
Gadolinium	160-2	137	113	140	130	11.17	cps
Holmium	165-1	13269184	13293301	13323314	13295266	0.20	cps
Holmium	165-2	6847506	6819226	6799066	6821933	0.36	cps
Indium	115-1	9979701	9851599	9932592	9921298	0.65	cps
Indium	115-2	1945785	1927029	1928669	1933828	0.54	cps
Iron	56-2	184179771	183849987	180908871	182979543	0.98	cps
Iron	57-2	4579152	4557122	4496530	4544268	0.94	cps
Lead	206-1	11941904	11784380	11867253	11864512	0.66	cps
Lead	207-1	10901894	10770449	10791969	10821437	0.65	cps
Lead	208-1	48064728	47497830	47609639	47724066	0.63	cps
Lithium	6-1	2227557	2235647	2237933	2233712	0.24	cps
Magnesium	24-2	31963737	31620004	31385687	31656476	0.92	cps
Manganese	55-2	4969326	4926487	4898721	4931511	0.72	cps

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 13:04:43	DataFile Name :	010CAL5_P7052417 .b .l

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	12933663	12999028	12924707	12952466	0.31	cps
Molybdenum	95-1	6902201	6822689	6808825	6844572	0.74	cps
Molybdenum	96-1	8791153	8820394	8799449	8803665	0.17	cps
Molybdenum	97-1	4249149	4247996	4272720	4256622	0.33	cps
Molybdenum	98-1	11263331	11195351	11206706	11221796	0.32	cps
Neodymium	150-1	1067	1187	1233	1162	7.40	cps
Neodymium	150-2	87	80	107	91	15.23	cps
Nickel	60-2	1900872	1901092	1887164	1896376	0.42	cps
Phosphorus	31-2	145790	144956	143930	144892	0.64	cps
Potassium	39-2	15327502	15133317	15029030	15163283	1.00	cps
Rhodium	103-1	9077491	9161409	9177663	9138854	0.59	cps
Rhodium	103-2	4520116	4470067	4481202	4490461	0.59	cps
Scandium	45-1	6415212	6353314	6462109	6410212	0.85	cps
Scandium	45-2	298424	297403	296768	297532	0.28	cps
Selenium	77-2	10604	10267	10427	10433	1.62	cps
Selenium	78-2	34873	34502	34096	34490	1.13	cps
Selenium	82-1	221101	220734	221146	220994	0.10	cps
Silicon	28-1	8221985	8284880	8330629	8279165	0.66	cps
Silver	109-1	16836158	16737750	16789406	16787771	0.29	cps
Silver	107-1	17572592	17648768	17665338	17628899	0.28	cps
Sodium	23-2	60735876	60303893	59940041	60326603	0.66	cps
Strontium	86-1	4384530	4332454	4382668	4366551	0.68	cps
Strontium	88-1	37945460	37443661	37954089	37781070	0.77	cps
Sulfur	34-1	2077795	2070110	2072169	2073358	0.19	cps
Terbium	159-1	13673351	13492207	13587792	13584450	0.67	cps
Terbium	159-2	6778776	6709923	6656701	6715133	0.91	cps
Thallium	203-1	14553701	14493818	14538313	14528611	0.21	cps
Thallium	205-1	34460213	33977439	34563226	34333626	0.91	cps
Tin	118-1	11611399	11504368	11725993	11613920	0.95	cps
Titanium	47-1	1975084	1965920	1993822	1978276	0.72	cps
Uranium	238-1	49817843	49863312	49348527	49676560	0.57	cps
Vanadium	51-2	3661350	3669450	3639063	3656621	0.43	cps
Yttrium	89-1	10468114	10303994	10625619	10465909	1.54	cps
Yttrium	89-2	1547992	1554929	1537409	1546777	0.57	cps
Zinc	66-2	1466134	1460587	1455350	1460690	0.37	cps
Zirconium	90-1	24406959	24295439	24436081	24379493	0.30	cps

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 13:04:43	DataFile Name :	010CALS_P7052417 .b .l

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	5462051	5463378	5485206	5470212	0.24	cps

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 13:08:15	DataFile Name :	011CAL5_P7052417 .b .I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13949957	13914070	14276794	14046940	1.42	cps
Antimony	121-1	56507	59729	62440	59559	4.99	cps
Arsenic	75-2	617	596	600	604	1.80	cps
Barium	135-1	6985	7862	6944	7264	7.14	cps
Barium	137-1	12406	13845	11630	12627	8.90	cps
Beryllium	9-1	667	789	733	730	8.39	cps
Bismuth	209-1	7652915	7559360	7612085	7608120	0.62	cps
Bismuth	209-2	4659090	4659271	4689052	4669138	0.37	cps
Boron	10-1	9779	9262	9086	9376	3.84	cps
Boron	11-1	49900	46280	44307	46829	6.06	cps
Cadmium	111-1	3269	3687	3175	3377	8.08	cps
Cadmium	106-1	3584	3759	3509	3617	3.55	cps
Cadmium	108-1	75	75	63	71	10.19	cps
Calcium	43-1	20654371	20576704	21028792	20753289	1.16	cps
Calcium	44-1	330784874	329206766	337521783	332504474	1.33	cps
Chromium	52-2	106608	108096	108452	107718	0.91	cps
Cobalt	59-2	10874	10537	10474	10628	2.02	cps
Copper	63-2	19233	19233	19446	19304	0.64	cps
Dysprosium	156-1	375	233	325	311	23.09	cps
Dysprosium	156-2	110	70	93	91	22.05	cps
Erbium	164-1	83	67	108	86	24.35	cps
Erbium	164-2	43	70	47	53	27.24	cps
Gadolinium	160-1	242	225	300	256	15.41	cps
Gadolinium	160-2	123	120	140	128	8.38	cps
Holmium	165-1	12560269	12472434	12650682	12561128	0.71	cps
Holmium	165-2	6690027	6597537	6613826	6633797	0.74	cps
Indium	115-1	9492392	9529800	9594530	9538907	0.54	cps
Indium	115-2	1918200	1900635	1941861	1920232	1.08	cps
Iron	56-2	926324732	932447954	944985110	934585932	1.02	cps
Iron	57-2	22959731	22998146	23457311	23138396	1.20	cps
Lead	206-1	22876	22742	23282	22967	1.22	cps
Lead	207-1	20288	19810	19732	19943	1.51	cps
Lead	208-1	92807	92028	91346	92060	0.79	cps
Lithium	6-1	2086269	2052199	2072023	2070164	0.83	cps
Magnesium	24-2	165517175	167674858	169039066	167410366	1.06	cps
Manganese	55-2	18572	18569	18689	18610	0.37	cps

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 13:08:15	DataFile Name :	011CAL5_P7052417 .b .I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	20949	22685	23436	22357	5.71	cps
Molybdenum	95-1	32605	35587	36715	34969	6.07	cps
Molybdenum	96-1	39489	42958	44704	42384	6.26	cps
Molybdenum	97-1	19998	22318	23537	21951	8.19	cps
Molybdenum	98-1	52146	56614	59474	56078	6.59	cps
Neodymium	150-1	187	147	160	164	12.38	cps
Neodymium	150-2	40	63	73	59	29.05	cps
Nickel	60-2	28090	28141	28608	28280	1.01	cps
Phosphorus	31-2	258	483	408	383	29.89	cps
Potassium	39-2	79500700	79620116	80600148	79906988	0.75	cps
Rhodium	103-1	8376528	8325932	8448501	8383654	0.73	cps
Rhodium	103-2	4112342	4096141	4137122	4115202	0.50	cps
Scandium	45-1	6367897	6315774	6331478	6338383	0.42	cps
Scandium	45-2	303527	302680	310179	305462	1.34	cps
Selenium	77-2	10	20	13	14	35.26	cps
Selenium	78-2	148	126	144	140	8.53	cps
Selenium	82-1	225	358	239	274	26.74	cps
Silicon	28-1	532614	535666	537036	535105	0.42	cps
Silver	109-1	2725	3259	2559	2848	12.85	cps
Silver	107-1	2950	3384	2625	2987	12.74	cps
Sodium	23-2	311599465	312392957	320532357	314841593	1.57	cps
Strontium	86-1	141566	139100	141254	140640	0.95	cps
Strontium	88-1	1202879	1202771	1212885	1206178	0.48	cps
Sulfur	34-1	644888	647939	669331	654052	2.04	cps
Terbium	159-1	12816228	12871576	12770206	12819337	0.40	cps
Terbium	159-2	6490378	6458402	6548065	6498948	0.70	cps
Thallium	203-1	6369	6536	5935	6280	4.94	cps
Thallium	205-1	15393	15377	13949	14907	5.56	cps
Tin	118-1	12056	13951	13832	13280	7.99	cps
Titanium	47-1	2886	7359	2134	4126	68.46	cps
Uranium	238-1	11339	11317	10788	11148	2.80	cps
Vanadium	51-2	1637	1793	1823	1751	5.72	cps
Yttrium	89-1	9924345	9925255	10058103	9969234	0.77	cps
Yttrium	89-2	1518595	1526031	1544577	1529734	0.87	cps
Zinc	66-2	6952	6988	6862	6934	0.94	cps
Zirconium	90-1	6010	6585	6760	6452	6.08	cps

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 13:08:15	DataFile Name :	011CALS_P7052417 .b .I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1442	1408	1383	1411	2.07	cps

LB Number : LB87715 Operator : Jaswal
 Lab Sample ID : ICV Instrumnet Name : P7
 Client Sample ID : ICV Dilution Factor : 1
 Date & Time Acquired :: 2017-05-24 13:16:18 DataFile Name : 012ICV_P7052417 .b .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	70449	70391	70224	70355	0.17	cps
Antimony	121-1	3051769	3035921	3027531	3038407	0.41	cps
Arsenic	75-2	107699	106042	106719	106820	0.78	cps
Barium	135-1	342085	338026	343998	341370	0.89	cps
Barium	137-1	595403	593933	591027	593454	0.38	cps
Beryllium	9-1	282372	285616	283632	283874	0.58	cps
Bismuth	209-1	8897707	8880441	8915895	8898014	0.20	cps
Bismuth	209-2	5595205	5533168	5507011	5545128	0.82	cps
Boron	10-1	207781	211261	211061	210035	0.93	cps
Boron	11-1	1044375	1046417	1048385	1046393	0.19	cps
Cadmium	111-1	383725	386601	386159	385495	0.40	cps
Cadmium	106-1	79524	79950	79548	79674	0.30	cps
Cadmium	108-1	39944	40688	40884	40505	1.22	cps
Calcium	43-1	96573	95583	97571	96576	1.03	cps
Calcium	44-1	1484167	1484188	1508868	1492408	0.96	cps
Chromium	52-2	459507	456222	456333	457354	0.41	cps
Cobalt	59-2	778308	774565	775576	776150	0.25	cps
Copper	63-2	561064	557929	559608	559534	0.28	cps
Dysprosium	156-1	92	67	83	81	15.80	cps
Dysprosium	156-2	20	33	17	23	37.78	cps
Erbium	164-1	183	150	117	150	22.22	cps
Erbium	164-2	57	67	67	63	9.12	cps
Gadolinium	160-1	142	142	117	133	10.83	cps
Gadolinium	160-2	43	90	53	62	39.49	cps
Holmium	165-1	13154903	13234433	13263265	13217534	0.42	cps
Holmium	165-2	7074416	7005438	6964793	7014883	0.79	cps
Indium	115-1	10310738	10408638	10310253	10343210	0.55	cps
Indium	115-2	2080851	2071775	2075906	2076177	0.22	cps
Iron	56-2	3883800	3870368	3889941	3881370	0.26	cps
Iron	57-2	96135	96907	95095	96045	0.95	cps
Lead	206-1	2348110	2350091	2388241	2362147	0.96	cps
Lead	207-1	2037761	2021579	2047542	2035627	0.64	cps
Lead	208-1	9393833	9378086	9490733	9420884	0.65	cps
Lithium	6-1	2269383	2278047	2301337	2282922	0.72	cps
Magnesium	24-2	420115	414116	415815	416682	0.74	cps
Manganese	55-2	257543	258412	256573	257509	0.36	cps

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 13:16:18	DataFile Name :	012ICV_P7052417 .b .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6541113	6554671	6553952	6549912	0.12	cps
Molybdenum	95-1	3518623	3516241	3525463	3520109	0.14	cps
Molybdenum	96-1	4489417	4518022	4537565	4515001	0.54	cps
Molybdenum	97-1	2186335	2202531	2217321	2202062	0.70	cps
Molybdenum	98-1	5778747	5754323	5847277	5793449	0.83	cps
Neodymium	150-1	13	7	60	27	108.97	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	206534	207524	207608	207222	0.29	cps
Phosphorus	31-2	333	275	342	317	11.47	cps
Potassium	39-2	698485	694015	693927	695475	0.37	cps
Rhodium	103-1	9865389	9868656	9966176	9900073	0.58	cps
Rhodium	103-2	4862588	4874195	4843989	4860257	0.31	cps
Scandium	45-1	6717580	6771616	6834508	6774568	0.86	cps
Scandium	45-2	314964	315085	314994	315014	0.02	cps
Selenium	77-2	2104	2007	2174	2095	4.00	cps
Selenium	78-2	7280	7244	7087	7204	1.42	cps
Selenium	82-1	45455	44716	44946	45039	0.84	cps
Silicon	28-1	4456693	4425946	4453887	4445508	0.38	cps
Silver	109-1	1698423	1713843	1714255	1708840	0.53	cps
Silver	107-1	1791276	1790016	1811056	1797449	0.66	cps
Sodium	23-2	1359188	1335807	1334910	1343302	1.02	cps
Strontium	86-1	2266229	2283349	2269431	2273003	0.40	cps
Strontium	88-1	19588500	19858441	19716461	19721134	0.68	cps
Sulfur	34-1	696062	693209	694505	694592	0.21	cps
Terbium	159-1	13563454	13626541	13791941	13660646	0.86	cps
Terbium	159-2	6979704	6881580	6875669	6912318	0.85	cps
Thallium	203-1	2920658	2907508	2916050	2914739	0.23	cps
Thallium	205-1	6988734	6993639	7019320	7000564	0.23	cps
Tin	118-1	5936560	5973945	5974850	5961785	0.37	cps
Titanium	47-1	1036673	1035674	1033040	1035129	0.18	cps
Uranium	238-1	24499329	24586416	24842436	24642727	0.72	cps
Vanadium	51-2	375078	371816	371112	372669	0.57	cps
Yttrium	89-1	10800639	10945943	10891295	10879292	0.67	cps
Yttrium	89-2	1627038	1620501	1631957	1626499	0.35	cps
Zinc	66-2	156104	156979	155444	156176	0.49	cps
Zirconium	90-1	12269008	12219795	12219431	12236078	0.23	cps

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 13:16:18	DataFile Name :	012ICV_P7052417 .b .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2697604	2693118	2718806	2703176	0.51	cps

LB Number : LB87715 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P7
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2017-05-24 13:26:20 DataFile Name : 013CCBE_P7052417 .b .

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	167	117	75	119	38.43	cps
Antimony	121-1	8053	10221	12373	10215	21.15	cps
Arsenic	75-2	91	83	91	88	4.85	cps
Barium	135-1	133	92	92	106	22.79	cps
Barium	137-1	233	108	150	164	38.84	cps
Beryllium	9-1	322	222	178	241	30.73	cps
Bismuth	209-1	8705282	8795456	8937175	8812638	1.33	cps
Bismuth	209-2	5409038	5432377	5465452	5435622	0.52	cps
Boron	10-1	2234	2142	1984	2120	5.97	cps
Boron	11-1	10346	9912	9879	10045	2.59	cps
Cadmium	111-1	2623	2510	2901	2678	7.50	cps
Cadmium	106-1	3684	3567	4109	3787	7.53	cps
Cadmium	108-1	21	17	25	21	19.99	cps
Calcium	43-1	342	358	350	350	2.38	cps
Calcium	44-1	15743	14992	15275	15337	2.47	cps
Chromium	52-2	1660	1513	1653	1609	5.15	cps
Cobalt	59-2	210	320	350	293	25.13	cps
Copper	63-2	2264	2254	2234	2250	0.68	cps
Dysprosium	156-1	42	67	33	47	36.74	cps
Dysprosium	156-2	7	27	43	26	71.82	cps
Erbium	164-1	33	50	25	36	35.25	cps
Erbium	164-2	23	23	13	20	28.87	cps
Gadolinium	160-1	83	108	183	125	41.63	cps
Gadolinium	160-2	50	47	63	53	16.53	cps
Holmium	165-1	13168419	13025294	13071727	13088480	0.56	cps
Holmium	165-2	6963188	6838853	6973166	6925069	1.08	cps
Indium	115-1	10392774	10403542	10458531	10418282	0.34	cps
Indium	115-2	2066805	2075621	2082624	2075017	0.38	cps
Iron	56-2	8430	8736	8881	8682	2.65	cps
Iron	57-2	178	289	172	213	30.90	cps
Lead	206-1	2378	2161	2156	2232	5.68	cps
Lead	207-1	2050	1961	2045	2019	2.47	cps
Lead	208-1	9518	8612	8868	9000	5.19	cps
Lithium	6-1	2219444	2252331	2256401	2242725	0.90	cps
Magnesium	24-2	942	925	925	931	1.03	cps
Manganese	55-2	100	287	377	254	55.46	cps

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 13:26:20	DataFile Name :	013CCBE_P7052417 .b .

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1050	1475	1867	1464	27.90	cps
Molybdenum	95-1	967	1250	1567	1261	23.80	cps
Molybdenum	96-1	983	1458	1684	1375	25.99	cps
Molybdenum	97-1	700	717	758	725	4.14	cps
Molybdenum	98-1	1625	2167	2542	2111	21.83	cps
Neodymium	150-1	0	7	20	9	114.55	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	493	503	457	484	5.07	cps
Phosphorus	31-2	350	358	275	328	14.00	cps
Potassium	39-2	60683	61955	60633	61090	1.23	cps
Rhodium	103-1	9613174	9778913	9802191	9731426	1.06	cps
Rhodium	103-2	4775684	4791346	4829475	4798835	0.58	cps
Scandium	45-1	6619792	6627548	6682892	6643411	0.52	cps
Scandium	45-2	305783	308229	309018	307677	0.55	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	111	81	83	92	18.05	cps
Selenium	82-1	-43	-26	-30	-33	-27.37	cps
Silicon	28-1	442404	440389	439538	440777	0.33	cps
Silver	109-1	167	183	175	175	4.76	cps
Silver	107-1	242	167	292	233	26.96	cps
Sodium	23-2	34908	35075	35292	35092	0.55	cps
Strontium	86-1	2125	1825	1942	1964	7.70	cps
Strontium	88-1	517	342	325	394	26.92	cps
Sulfur	34-1	715008	713275	704289	710858	0.81	cps
Terbium	159-1	13359704	13493251	13500856	13451270	0.59	cps
Terbium	159-2	6804909	6785007	6778597	6789504	0.20	cps
Thallium	203-1	692	433	358	494	35.37	cps
Thallium	205-1	1534	1167	1217	1306	15.23	cps
Tin	118-1	1750	1875	2517	2047	20.09	cps
Titanium	47-1	200	133	167	167	20.00	cps
Uranium	238-1	458	225	242	308	42.22	cps
Vanadium	51-2	27	13	27	22	34.66	cps
Yttrium	89-1	10563525	10672694	10601891	10612703	0.52	cps
Yttrium	89-2	1588784	1588988	1616182	1597985	0.99	cps
Zinc	66-2	260	293	273	276	6.09	cps
Zirconium	90-1	1900	2092	2400	2131	11.84	cps

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 13:26:20	DataFile Name :	013CCBE_P7052417 .b .

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	342	525	492	453	21.57	cps

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 13:29:51	DataFile Name :	014ICSA_P7052417 .b .I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12725913	12690901	12639164	12685326	0.34	cps
Antimony	121-1	19014	19715	20541	19756	3.87	cps
Arsenic	75-2	211	207	226	215	4.56	cps
Barium	135-1	5235	5001	4759	4998	4.75	cps
Barium	137-1	9028	8778	9095	8967	1.86	cps
Beryllium	9-1	945	1000	939	961	3.52	cps
Bismuth	209-1	8297947	8207842	8278222	8261337	0.57	cps
Bismuth	209-2	5062502	5058141	5065256	5061967	0.07	cps
Boron	10-1	1775	1609	1709	1697	4.94	cps
Boron	11-1	8970	8978	8444	8797	3.48	cps
Cadmium	111-1	4571	4429	4223	4408	3.96	cps
Cadmium	106-1	3584	3609	3476	3556	1.99	cps
Cadmium	108-1	3942	3980	4342	4088	5.41	cps
Calcium	43-1	4013036	4013382	4046271	4024230	0.47	cps
Calcium	44-1	64657129	65193495	65120704	64990442	0.45	cps
Chromium	52-2	87159	88215	87367	87580	0.64	cps
Cobalt	59-2	8449	8639	8516	8535	1.13	cps
Copper	63-2	42839	43334	43401	43192	0.71	cps
Dysprosium	156-1	142	150	75	122	33.64	cps
Dysprosium	156-2	47	37	57	47	21.43	cps
Erbium	164-1	117	83	100	100	16.66	cps
Erbium	164-2	57	70	37	54	30.81	cps
Gadolinium	160-1	133	192	158	161	18.17	cps
Gadolinium	160-2	100	107	90	99	8.48	cps
Holmium	165-1	13043368	13106197	13280483	13143349	0.93	cps
Holmium	165-2	6811215	6844397	6852510	6836041	0.32	cps
Indium	115-1	9887723	10013112	10049273	9983370	0.85	cps
Indium	115-2	1987345	1997855	1997334	1994178	0.30	cps
Iron	56-2	362525997	365275853	361259330	363020393	0.57	cps
Iron	57-2	9011077	9030122	8962039	9001079	0.39	cps
Lead	206-1	51913	52414	52387	52238	0.54	cps
Lead	207-1	40612	41192	41789	41198	1.43	cps
Lead	208-1	194497	196284	196103	195628	0.50	cps
Lithium	6-1	2177213	2179582	2194446	2183747	0.43	cps
Magnesium	24-2	31829090	31864825	31677881	31790599	0.31	cps
Manganese	55-2	19159	18775	19513	19149	1.93	cps

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 13:29:51	DataFile Name :	014ICSA_P7052417 .b .I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7430082	7538543	7493564	7487396	0.73	cps
Molybdenum	95-1	12895161	13120849	13170584	13062198	1.12	cps
Molybdenum	96-1	13839923	13972290	13956921	13923045	0.52	cps
Molybdenum	97-1	8157851	8283608	8314029	8251829	1.00	cps
Molybdenum	98-1	21312291	21577514	21493071	21460958	0.63	cps
Neodymium	150-1	67	67	113	82	32.77	cps
Neodymium	150-2	10	50	30	30	66.67	cps
Nickel	60-2	10334	10944	10497	10592	2.98	cps
Phosphorus	31-2	728069	727312	728734	728038	0.10	cps
Potassium	39-2	30682089	30742223	30411207	30611840	0.58	cps
Rhodium	103-1	9095978	9107899	9214428	9139435	0.71	cps
Rhodium	103-2	4460921	4494261	4464740	4473307	0.41	cps
Scandium	45-1	6476236	6545456	6524198	6515296	0.54	cps
Scandium	45-2	302864	302288	300414	301855	0.42	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	104	85	80	90	14.09	cps
Selenium	82-1	24	181	85	97	81.79	cps
Silicon	28-1	649064	650670	650630	650121	0.14	cps
Silver	109-1	1208	1442	1700	1450	16.96	cps
Silver	107-1	1609	2034	1684	1775	12.78	cps
Sodium	23-2	60816972	60556381	60627018	60666790	0.22	cps
Strontium	86-1	140077	144116	142948	142380	1.46	cps
Strontium	88-1	1217600	1251230	1251730	1240187	1.58	cps
Sulfur	34-1	5533192	5541897	5554320	5543136	0.19	cps
Terbium	159-1	13294886	13527992	13456556	13426478	0.89	cps
Terbium	159-2	6740328	6759593	6783269	6761064	0.32	cps
Thallium	203-1	833	692	750	758	9.39	cps
Thallium	205-1	1667	1817	1784	1756	4.49	cps
Tin	118-1	3100	3142	3276	3173	2.88	cps
Titanium	47-1	3855047	3884169	3889547	3876254	0.48	cps
Uranium	238-1	1075	833	1017	975	12.93	cps
Vanadium	51-2	537	573	567	559	3.49	cps
Yttrium	89-1	10336900	10458838	10516686	10437475	0.88	cps
Yttrium	89-2	1563466	1574398	1561533	1566466	0.44	cps
Zinc	66-2	8573	8686	8096	8451	3.71	cps
Zirconium	90-1	5393	5501	5960	5618	5.36	cps

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 13:29:51	DataFile Name :	014ICSA_P7052417 .b .I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	958	1325	1358	1214	18.28	cps

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 13:33:19	DataFile Name :	015ICSB_P7052417 .b .I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12345072	12452075	12453209	12416785	0.50	cps
Antimony	121-1	281805	276271	268124	275400	2.50	cps
Arsenic	75-2	9976	9918	9900	9931	0.40	cps
Barium	135-1	72314	70580	69097	70664	2.28	cps
Barium	137-1	125227	127508	121033	124589	2.64	cps
Beryllium	9-1	55552	54565	54074	54731	1.38	cps
Bismuth	209-1	8407277	8403801	8191005	8334028	1.49	cps
Bismuth	209-2	4994343	5022575	4974991	4997303	0.48	cps
Boron	10-1	22901	22300	21975	22392	2.10	cps
Boron	11-1	111820	108949	104317	108362	3.49	cps
Cadmium	111-1	73634	74463	70724	72940	2.69	cps
Cadmium	106-1	13949	13849	12965	13588	3.99	cps
Cadmium	108-1	10250	9845	9858	9984	2.30	cps
Calcium	43-1	4072959	4087588	3935574	4032041	2.08	cps
Calcium	44-1	66205289	66394591	63408008	65335963	2.56	cps
Chromium	52-2	169472	171201	171888	170854	0.73	cps
Cobalt	59-2	149782	149523	150048	149784	0.18	cps
Copper	63-2	141587	142721	141039	141782	0.61	cps
Dysprosium	156-1	100	133	92	108	20.35	cps
Dysprosium	156-2	50	47	17	38	48.59	cps
Erbium	164-1	42	133	83	86	53.30	cps
Erbium	164-2	57	53	53	54	3.54	cps
Gadolinium	160-1	100	100	183	128	37.65	cps
Gadolinium	160-2	70	87	80	79	10.64	cps
Holmium	165-1	13353644	13321706	12893221	13189523	1.95	cps
Holmium	165-2	6735159	6726154	6675386	6712233	0.48	cps
Indium	115-1	10215446	10207343	9935678	10119489	1.57	cps
Indium	115-2	1959356	1955874	1955207	1956812	0.11	cps
Iron	56-2	352732886	352665330	354707486	353368567	0.33	cps
Iron	57-2	8743283	8823059	8796385	8787576	0.46	cps
Lead	206-1	280693	275990	271132	275938	1.73	cps
Lead	207-1	232934	227725	224039	228233	1.96	cps
Lead	208-1	1075015	1064992	1036552	1058853	1.88	cps
Lithium	6-1	2207387	2197998	2146340	2183908	1.51	cps
Magnesium	24-2	31126661	31152558	31413183	31230801	0.51	cps
Manganese	55-2	66312	66818	66282	66470	0.45	cps

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 13:33:19	DataFile Name :	015ICSB_P7052417 .b .I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	8184235	8248235	8044951	8159140	1.27	cps
Molybdenum	95-1	13414185	13509990	13220134	13381436	1.10	cps
Molybdenum	96-1	14482062	14663325	14107327	14417571	1.97	cps
Molybdenum	97-1	8555998	8595418	8382806	8511407	1.33	cps
Molybdenum	98-1	22136505	22356407	21801254	22098055	1.27	cps
Neodymium	150-1	87	47	87	73	31.49	cps
Neodymium	150-2	10	27	30	22	48.22	cps
Nickel	60-2	47293	47651	47527	47490	0.38	cps
Phosphorus	31-2	712476	709857	704637	708990	0.56	cps
Potassium	39-2	29679759	29877979	29879469	29812402	0.39	cps
Rhodium	103-1	9348976	9275851	9085205	9236677	1.47	cps
Rhodium	103-2	4420320	4414325	4398291	4410979	0.26	cps
Scandium	45-1	6664122	6656460	6520048	6613543	1.23	cps
Scandium	45-2	296618	299481	298422	298174	0.49	cps
Selenium	77-2	183	203	187	191	5.61	cps
Selenium	78-2	659	794	750	735	9.38	cps
Selenium	82-1	4305	4326	4330	4320	0.31	cps
Silicon	28-1	1171706	1167673	1150878	1163419	0.95	cps
Silver	109-1	309611	310805	300140	306852	1.90	cps
Silver	107-1	321980	319716	316613	319436	0.84	cps
Sodium	23-2	59534228	59478145	59216645	59409673	0.29	cps
Strontium	86-1	377741	379159	366502	374467	1.85	cps
Strontium	88-1	3295648	3289179	3204910	3263246	1.55	cps
Sulfur	34-1	5629932	5549251	5402813	5527332	2.08	cps
Terbium	159-1	13491541	13625464	13388373	13501793	0.88	cps
Terbium	159-2	6644057	6556483	6665831	6622124	0.87	cps
Thallium	203-1	276003	272839	270107	272983	1.08	cps
Thallium	205-1	662522	657476	642463	654154	1.60	cps
Tin	118-1	608841	606558	584817	600072	2.21	cps
Titanium	47-1	4020872	4019427	3880173	3973491	2.03	cps
Uranium	238-1	2521949	2497439	2414942	2478110	2.26	cps
Vanadium	51-2	69925	70113	69506	69848	0.44	cps
Yttrium	89-1	10651725	10738564	10354170	10581487	1.91	cps
Yttrium	89-2	1556571	1546399	1547811	1550260	0.36	cps
Zinc	66-2	22210	23005	21663	22293	3.03	cps
Zirconium	90-1	1254004	1266318	1226411	1248911	1.64	cps

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 13:33:19	DataFile Name :	015ICSB_P7052417 .b .I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	280013	280802	274366	278394	1.26	cps

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	CCV034	Instrumnet Name :	P7
Client Sample ID :	CCV034	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 13:42:10	DataFile Name :	017CCV_P7052417 .b .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7573817	7606141	7619539	7599832	0.31	cps
Antimony	121-1	7088286	7112681	6994214	7065060	0.89	cps
Arsenic	75-2	265162	266920	266270	266117	0.33	cps
Barium	135-1	8312143	8334453	8303725	8316774	0.19	cps
Barium	137-1	14348822	14302195	14349685	14333567	0.19	cps
Beryllium	9-1	1414980	1406566	1415519	1412355	0.36	cps
Bismuth	209-1	7923969	7987344	7811121	7907478	1.13	cps
Bismuth	209-2	4891034	4944692	4933360	4923028	0.57	cps
Boron	10-1	187917	190762	191269	189982	0.95	cps
Boron	11-1	942328	949193	956748	949423	0.76	cps
Cadmium	111-1	1722629	1720066	1721560	1721418	0.07	cps
Cadmium	106-1	195819	200692	200223	198911	1.35	cps
Cadmium	108-1	126689	127311	128275	127425	0.63	cps
Calcium	43-1	10402362	10470799	10470394	10447851	0.38	cps
Calcium	44-1	165982004	167917141	168556441	167485195	0.80	cps
Chromium	52-2	2372969	2385814	2395037	2384607	0.46	cps
Cobalt	59-2	3714227	3745063	3756299	3738530	0.58	cps
Copper	63-2	5163340	5190923	5185538	5179934	0.28	cps
Dysprosium	156-1	275	283	233	264	10.15	cps
Dysprosium	156-2	137	123	103	121	13.85	cps
Erbium	164-1	75	133	75	94	35.66	cps
Erbium	164-2	47	57	37	47	21.43	cps
Gadolinium	160-1	258	350	158	256	37.51	cps
Gadolinium	160-2	143	103	107	118	18.84	cps
Holmium	165-1	12924270	12865087	12736457	12841938	0.75	cps
Holmium	165-2	6794134	6806373	6806835	6802447	0.11	cps
Indium	115-1	9806835	9870868	9871382	9849695	0.38	cps
Indium	115-2	1967307	1978089	1991446	1978947	0.61	cps
Iron	56-2	475583611	477765400	477854688	477067900	0.27	cps
Iron	57-2	11710708	11755613	11752070	11739464	0.21	cps
Lead	206-1	5477785	5465996	5429096	5457626	0.47	cps
Lead	207-1	4881935	4896410	4852015	4876787	0.46	cps
Lead	208-1	22001656	22089296	21947264	22012739	0.33	cps
Lithium	6-1	2109431	2095180	2104194	2102935	0.34	cps
Magnesium	24-2	88301885	89539869	89016839	88952864	0.70	cps
Manganese	55-2	2579830	2596367	2589617	2588605	0.32	cps

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	CCV034	Instrumnet Name :	P7
Client Sample ID :	CCV034	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 13:42:10	DataFile Name :	017CCV_P7052417 .b .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6496866	6526576	6475672	6499705	0.39	cps
Molybdenum	95-1	3426082	3446696	3409302	3427360	0.55	cps
Molybdenum	96-1	4422431	4432602	4410391	4421808	0.25	cps
Molybdenum	97-1	2132616	2131118	2107837	2123857	0.65	cps
Molybdenum	98-1	5636185	5578860	5504112	5573052	1.19	cps
Neodymium	150-1	660	760	687	702	7.37	cps
Neodymium	150-2	83	97	100	93	9.45	cps
Nickel	60-2	977254	982711	982099	980688	0.30	cps
Phosphorus	31-2	80199	80743	83007	81316	1.83	cps
Potassium	39-2	41437110	41663755	41896878	41665914	0.55	cps
Rhodium	103-1	8884162	8986025	8846123	8905436	0.81	cps
Rhodium	103-2	4359241	4377357	4400339	4378979	0.47	cps
Scandium	45-1	6675460	6695264	6730173	6700299	0.41	cps
Scandium	45-2	316859	321889	321733	320160	0.89	cps
Selenium	77-2	5311	5461	5318	5363	1.58	cps
Selenium	78-2	17481	17540	17587	17536	0.30	cps
Selenium	82-1	106551	107381	107830	107254	0.61	cps
Silicon	28-1	4816735	4935121	4910598	4887485	1.28	cps
Silver	109-1	8105517	8113728	8105511	8108252	0.06	cps
Silver	107-1	8418274	8426393	8482322	8442330	0.41	cps
Sodium	23-2	164320645	163754937	164943237	164339606	0.36	cps
Strontium	86-1	2229803	2245557	2234168	2236510	0.36	cps
Strontium	88-1	19431691	19649177	19563872	19548247	0.56	cps
Sulfur	34-1	1452630	1452198	1444691	1449840	0.31	cps
Terbium	159-1	13223705	13227724	13045592	13165674	0.79	cps
Terbium	159-2	6602258	6676842	6692979	6657360	0.73	cps
Thallium	203-1	6805615	6771671	6721124	6766137	0.63	cps
Thallium	205-1	16233396	16154283	15811474	16066384	1.40	cps
Tin	118-1	5582512	5597778	5553515	5577935	0.40	cps
Titanium	47-1	1019301	1016293	1027015	1020870	0.54	cps
Uranium	238-1	23238805	23709252	23454079	23467379	1.00	cps
Vanadium	51-2	1939678	1959945	1965900	1955175	0.70	cps
Yttrium	89-1	10468398	10586705	10517674	10524259	0.56	cps
Yttrium	89-2	1580476	1603019	1603706	1595734	0.83	cps
Zinc	66-2	732049	735460	737515	735008	0.38	cps
Zirconium	90-1	12271253	12336867	12242208	12283443	0.39	cps

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	CCV034	Instrumnet Name :	P7
Client Sample ID :	CCV034	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 13:42:10	DataFile Name :	017CCV_P7052417 .b .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2700470	2713153	2694641	2702755	0.35	cps

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	CCB034	Instrumnet Name :	P7
Client Sample ID :	CCB034	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 13:51:53	DataFile Name :	018CCBE_P7052417 .b .

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	108	108	111	4.33	cps
Antimony	121-1	12106	15292	17345	14914	17.70	cps
Arsenic	75-2	91	87	107	95	11.41	cps
Barium	135-1	92	125	75	97	26.19	cps
Barium	137-1	158	200	150	169	15.81	cps
Beryllium	9-1	239	228	256	241	5.81	cps
Bismuth	209-1	8806838	8772820	8759567	8779742	0.28	cps
Bismuth	209-2	5371794	5321377	5290830	5328000	0.77	cps
Boron	10-1	2342	2317	2367	2342	1.07	cps
Boron	11-1	12372	11913	11388	11891	4.14	cps
Cadmium	111-1	2570	2700	2715	2662	2.98	cps
Cadmium	106-1	3609	3826	3842	3759	3.46	cps
Cadmium	108-1	8	17	29	18	58.09	cps
Calcium	43-1	367	375	283	342	14.84	cps
Calcium	44-1	16343	16518	16635	16499	0.89	cps
Chromium	52-2	1783	1863	1657	1768	5.90	cps
Cobalt	59-2	143	230	263	212	29.19	cps
Copper	63-2	2267	2430	2277	2325	3.94	cps
Dysprosium	156-1	8	17	25	17	50.01	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	33	25	83	47	66.82	cps
Erbium	164-2	3	27	17	16	75.27	cps
Gadolinium	160-1	42	83	100	75	40.06	cps
Gadolinium	160-2	57	50	33	47	25.76	cps
Holmium	165-1	13226938	13127388	12992670	13115665	0.90	cps
Holmium	165-2	6938884	6861256	6780510	6860216	1.15	cps
Indium	115-1	10496261	10577705	10627503	10567156	0.63	cps
Indium	115-2	2085319	2073254	2063021	2073865	0.54	cps
Iron	56-2	10298	27123	10626	16016	60.07	cps
Iron	57-2	217	645	267	376	62.24	cps
Lead	206-1	2450	2528	2245	2408	6.08	cps
Lead	207-1	2211	2272	2178	2221	2.16	cps
Lead	208-1	9618	9746	9880	9748	1.34	cps
Lithium	6-1	2261601	2254350	2239210	2251720	0.51	cps
Magnesium	24-2	883	1209	1008	1034	15.88	cps
Manganese	55-2	97	227	123	149	46.12	cps

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	CCB034	Instrumnet Name :	P7
Client Sample ID :	CCB034	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 13:51:53	DataFile Name :	018CCBE_P7052417 .b .

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1450	2092	2250	1931	21.94	cps
Molybdenum	95-1	1183	1567	2025	1592	26.48	cps
Molybdenum	96-1	1542	2025	2475	2014	23.18	cps
Molybdenum	97-1	767	1067	1400	1078	29.40	cps
Molybdenum	98-1	2034	3009	3451	2831	25.61	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	740	623	603	656	11.26	cps
Phosphorus	31-2	383	358	317	353	9.55	cps
Potassium	39-2	52452	51198	53113	52254	1.86	cps
Rhodium	103-1	9856714	9928763	9918898	9901458	0.39	cps
Rhodium	103-2	4797468	4763066	4727908	4762814	0.73	cps
Scandium	45-1	6818166	6915998	6844420	6859528	0.74	cps
Scandium	45-2	319055	318166	313615	316946	0.92	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	89	115	117	107	14.54	cps
Selenium	82-1	-99	-58	-51	-69	-37.64	cps
Silicon	28-1	470882	496895	471637	479805	3.09	cps
Silver	109-1	317	333	317	322	2.99	cps
Silver	107-1	425	267	408	367	23.73	cps
Sodium	23-2	50511	51565	50386	50821	1.28	cps
Strontium	86-1	2117	1900	1775	1931	8.96	cps
Strontium	88-1	325	317	267	303	10.42	cps
Sulfur	34-1	738698	726023	729914	731545	0.89	cps
Terbium	159-1	13331436	13556160	13521963	13469853	0.90	cps
Terbium	159-2	6793138	6736854	6609956	6713316	1.40	cps
Thallium	203-1	775	900	717	797	11.75	cps
Thallium	205-1	1975	2009	1725	1903	8.14	cps
Tin	118-1	1967	2084	2225	2092	6.19	cps
Titanium	47-1	150	217	117	161	31.61	cps
Uranium	238-1	192	292	250	244	20.55	cps
Vanadium	51-2	33	53	30	39	32.46	cps
Yttrium	89-1	10743262	10927655	10820522	10830480	0.85	cps
Yttrium	89-2	1623042	1616264	1586953	1608753	1.19	cps
Zinc	66-2	223	187	203	204	8.98	cps
Zirconium	90-1	2575	3134	3159	2956	11.16	cps

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	CCB034	Instrumnet Name :	P7
Client Sample ID :	CCB034	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 13:51:53	DataFile Name :	018CCBE_P7052417 .b .

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	600	667	725	664	9.42	cps

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 13:55:24	DataFile Name :	019SMPL_P7052417 .b .

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2642	2634	2759	2678	2.61	cps
Antimony	121-1	30860	31394	32088	31447	1.96	cps
Arsenic	75-2	585	556	533	558	4.66	cps
Barium	135-1	30175	30084	29741	30000	0.76	cps
Barium	137-1	53136	52910	52509	52852	0.60	cps
Beryllium	9-1	2923	2839	3011	2924	2.95	cps
Bismuth	209-1	8667997	8648768	8755729	8690831	0.66	cps
Bismuth	209-2	5282961	5294901	5309742	5295868	0.25	cps
Boron	10-1	10296	10654	10246	10398	2.14	cps
Boron	11-1	51104	52199	52216	51840	1.23	cps
Cadmium	111-1	6097	5908	5990	5998	1.58	cps
Cadmium	106-1	4084	4117	4176	4126	1.12	cps
Cadmium	108-1	279	321	263	288	10.45	cps
Calcium	43-1	19839	19505	19622	19656	0.86	cps
Calcium	44-1	326237	329405	324767	326803	0.73	cps
Chromium	52-2	10978	10637	10824	10813	1.58	cps
Cobalt	59-2	7215	7295	7505	7339	2.04	cps
Copper	63-2	13533	13506	14197	13746	2.85	cps
Dysprosium	156-1	25	25	17	22	21.64	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	25	67	75	56	48.22	cps
Erbium	164-2	17	27	20	21	24.12	cps
Gadolinium	160-1	83	75	150	103	40.00	cps
Gadolinium	160-2	57	53	50	53	6.25	cps
Holmium	165-1	12955882	13007435	13085884	13016400	0.50	cps
Holmium	165-2	6878310	6879584	6796193	6851362	0.70	cps
Indium	115-1	10430572	10523185	10476375	10476710	0.44	cps
Indium	115-2	2079962	2074617	2074248	2076276	0.15	cps
Iron	56-2	185473	188151	186587	186737	0.72	cps
Iron	57-2	4484	4856	4779	4706	4.17	cps
Lead	206-1	13257	14008	13318	13528	3.08	cps
Lead	207-1	11138	11705	12456	11767	5.62	cps
Lead	208-1	53099	54150	54367	53872	1.26	cps
Lithium	6-1	2252215	2260128	2280761	2264368	0.65	cps
Magnesium	24-2	160601	159785	160325	160237	0.26	cps
Manganese	55-2	2630	2454	2604	2562	3.72	cps

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 13:55:24	DataFile Name :	019SMPL_P7052417 .b .

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	25849	26459	26617	26308	1.54	cps
Molybdenum	95-1	32179	31711	32179	32023	0.84	cps
Molybdenum	96-1	35838	35570	35704	35704	0.37	cps
Molybdenum	97-1	20357	19522	20390	20090	2.45	cps
Molybdenum	98-1	51728	51377	51645	51583	0.36	cps
Neodymium	150-1	40	7	7	18	108.23	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	2450	2557	2467	2491	2.30	cps
Phosphorus	31-2	292	333	400	342	16.00	cps
Potassium	39-2	203510	207708	203131	204783	1.24	cps
Rhodium	103-1	9912510	9819332	9926289	9886044	0.59	cps
Rhodium	103-2	4780709	4748766	4809160	4779545	0.63	cps
Scandium	45-1	6739249	6861747	6951258	6850751	1.55	cps
Scandium	45-2	315025	319672	318255	317651	0.75	cps
Selenium	77-2	37	40	37	38	5.09	cps
Selenium	78-2	315	257	272	281	10.59	cps
Selenium	82-1	1021	1089	1279	1130	11.81	cps
Silicon	28-1	552755	555179	557261	555065	0.41	cps
Silver	109-1	21108	20499	20850	20819	1.47	cps
Silver	107-1	21676	21609	21759	21681	0.35	cps
Sodium	23-2	354456	352905	358929	355430	0.88	cps
Strontium	86-1	6102	6118	6243	6154	1.26	cps
Strontium	88-1	35779	36105	36966	36283	1.69	cps
Sulfur	34-1	726085	733351	731457	730298	0.52	cps
Terbium	159-1	13402018	13528114	13341996	13424043	0.71	cps
Terbium	159-2	6710645	6841326	6711947	6754639	1.11	cps
Thallium	203-1	13516	13190	13199	13302	1.39	cps
Thallium	205-1	32674	31697	31271	31881	2.26	cps
Tin	118-1	53679	53678	53737	53698	0.06	cps
Titanium	47-1	9512	8995	9662	9389	3.73	cps
Uranium	238-1	42212	41200	42412	41941	1.55	cps
Vanadium	51-2	17390	17627	16750	17256	2.63	cps
Yttrium	89-1	10722743	10816510	10963145	10834133	1.12	cps
Yttrium	89-2	1599398	1606041	1611314	1605584	0.37	cps
Zinc	66-2	1547	1633	1747	1642	6.11	cps
Zirconium	90-1	24330	25499	24989	24939	2.35	cps

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 13:55:24	DataFile Name :	019SMPL_P7052417 .b .

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	5201	5393	5593	5396	3.63	cps

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	PB99241BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 13:58:54	DataFile Name :	020CCBE_P7052417 .b .

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	67	83	83	20.00	cps
Antimony	121-1	2359	2767	2967	2698	11.50	cps
Arsenic	75-2	46	52	19	39	45.92	cps
Barium	135-1	92	108	42	81	43.07	cps
Barium	137-1	125	175	125	142	20.38	cps
Beryllium	9-1	189	217	172	193	11.66	cps
Bismuth	209-1	8676715	8748618	8712486	8712606	0.41	cps
Bismuth	209-2	5381776	5443480	5432097	5419117	0.61	cps
Boron	10-1	1525	1775	2000	1767	13.45	cps
Boron	11-1	7786	8053	8361	8066	3.57	cps
Cadmium	111-1	2558	2906	2608	2691	7.00	cps
Cadmium	106-1	3651	4142	3717	3837	6.95	cps
Cadmium	108-1	21	21	21	21	0.00	cps
Calcium	43-1	283	217	350	283	23.53	cps
Calcium	44-1	15309	14800	14958	15022	1.73	cps
Chromium	52-2	1760	1450	1633	1615	9.66	cps
Cobalt	59-2	160	157	197	171	12.97	cps
Copper	63-2	2454	2317	2374	2381	2.88	cps
Dysprosium	156-1	25	0	8	11	114.58	cps
Dysprosium	156-2	7	7	7	7	0.00	cps
Erbium	164-1	75	17	42	44	65.84	cps
Erbium	164-2	13	27	13	18	43.33	cps
Gadolinium	160-1	108	83	133	108	23.08	cps
Gadolinium	160-2	43	40	60	48	22.43	cps
Holmium	165-1	12994414	13013760	12934364	12980846	0.32	cps
Holmium	165-2	6925572	6877859	7000472	6934634	0.89	cps
Indium	115-1	10423182	10469998	10468562	10453914	0.25	cps
Indium	115-2	2104934	2114959	2110888	2110260	0.24	cps
Iron	56-2	8197	8241	8175	8204	0.41	cps
Iron	57-2	244	217	200	220	10.19	cps
Lead	206-1	2122	2172	2128	2141	1.28	cps
Lead	207-1	1967	1917	1850	1911	3.06	cps
Lead	208-1	8418	8768	8162	8449	3.60	cps
Lithium	6-1	2242968	2259683	2240192	2247614	0.47	cps
Magnesium	24-2	733	767	550	683	17.07	cps
Manganese	55-2	130	107	97	111	15.39	cps

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	PB99241BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 13:58:54	DataFile Name :	020CCBE_P7052417 .b .

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	933	1333	1517	1261	23.65	cps
Molybdenum	95-1	592	925	1233	917	35.01	cps
Molybdenum	96-1	1000	1100	1100	1067	5.41	cps
Molybdenum	97-1	400	700	867	656	36.07	cps
Molybdenum	98-1	1092	1442	2109	1547	33.38	cps
Neodymium	150-1	20	7	7	11	69.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	610	533	503	549	10.02	cps
Phosphorus	31-2	225	400	200	275	39.63	cps
Potassium	39-2	50528	50796	50897	50740	0.38	cps
Rhodium	103-1	9732428	9890212	9811179	9811273	0.80	cps
Rhodium	103-2	4838347	4892482	4850000	4860277	0.59	cps
Scandium	45-1	6710138	6913434	6856912	6826828	1.54	cps
Scandium	45-2	321043	321495	321689	321409	0.10	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	104	109	122	112	8.50	cps
Selenium	82-1	44	78	17	46	66.66	cps
Silicon	28-1	465023	464306	467507	465612	0.36	cps
Silver	109-1	250	333	292	292	14.29	cps
Silver	107-1	358	358	383	367	3.94	cps
Sodium	23-2	44250	44308	43957	44171	0.43	cps
Strontium	86-1	1967	1867	1950	1928	2.78	cps
Strontium	88-1	275	242	233	250	8.82	cps
Sulfur	34-1	742739	752334	748531	747868	0.65	cps
Terbium	159-1	13214024	13400597	13300171	13304930	0.70	cps
Terbium	159-2	6877969	6828438	6748893	6818433	0.96	cps
Thallium	203-1	450	383	450	428	9.00	cps
Thallium	205-1	1042	1083	1167	1097	5.80	cps
Tin	118-1	1267	1650	1592	1503	13.75	cps
Titanium	47-1	150	225	250	208	24.98	cps
Uranium	238-1	108	100	125	111	11.46	cps
Vanadium	51-2	20	27	20	22	17.33	cps
Yttrium	89-1	10672802	10789866	10863967	10775545	0.89	cps
Yttrium	89-2	1633172	1638634	1633715	1635173	0.18	cps
Zinc	66-2	227	190	217	211	8.98	cps
Zirconium	90-1	1567	1634	1934	1711	11.42	cps

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	PB99241BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 13:58:54	DataFile Name :	020CCBE_P7052417 .b .

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	308	333	375	339	9.94	cps

LB Number : LB87715 Operator : Jaswal
 Lab Sample ID : PB99241BS Instrumnet Name : P7
 Client Sample ID : LCS007 Dilution Factor : 1
 Date & Time Acquired :: 2017-05-24 14:02:25 DataFile Name : 021LCSE_P7052417 .b .l

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5335	5560	5068	5321	4.63	cps
Antimony	121-1	54281	54289	55620	54730	1.41	cps
Arsenic	75-2	1067	1172	1020	1086	7.16	cps
Barium	135-1	60499	59671	61604	60591	1.60	cps
Barium	137-1	105716	106313	104585	105538	0.83	cps
Beryllium	9-1	5646	5585	5712	5648	1.13	cps
Bismuth	209-1	8408156	8601305	8571349	8526936	1.22	cps
Bismuth	209-2	5206701	5276069	5287284	5256684	0.83	cps
Boron	10-1	18153	18812	19513	18826	3.61	cps
Boron	11-1	92263	93816	94302	93460	1.14	cps
Cadmium	111-1	9534	9585	9054	9391	3.12	cps
Cadmium	106-1	4543	4784	4226	4518	6.20	cps
Cadmium	108-1	563	504	538	535	5.47	cps
Calcium	43-1	39261	39503	38927	39231	0.74	cps
Calcium	44-1	636013	633515	634168	634566	0.20	cps
Chromium	52-2	19476	19683	19366	19509	0.83	cps
Cobalt	59-2	14831	14587	15198	14872	2.07	cps
Copper	63-2	23683	23866	24661	24070	2.16	cps
Dysprosium	156-1	75	33	33	47	50.95	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	108	75	75	86	22.35	cps
Erbium	164-2	50	53	57	53	6.25	cps
Gadolinium	160-1	117	75	100	97	21.57	cps
Gadolinium	160-2	50	40	50	47	12.37	cps
Holmium	165-1	12730346	12743660	12744414	12739473	0.06	cps
Holmium	165-2	6697614	6799816	6800391	6765941	0.87	cps
Indium	115-1	10298034	10377708	10376866	10350870	0.44	cps
Indium	115-2	2044335	2081219	2081952	2069169	1.04	cps
Iron	56-2	1395807	1435260	1433538	1421535	1.57	cps
Iron	57-2	34792	35549	35299	35213	1.10	cps
Lead	206-1	26772	26098	25548	26139	2.35	cps
Lead	207-1	23900	23148	23226	23425	1.76	cps
Lead	208-1	106690	104451	104786	105309	1.15	cps
Lithium	6-1	2211622	2227101	2233635	2224120	0.51	cps
Magnesium	24-2	316402	325913	323575	321963	1.54	cps
Manganese	55-2	5281	5681	5541	5501	3.69	cps

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	PB99241BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 14:02:25	DataFile Name :	021LCSE_P7052417 .b .l

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	51385	51511	50700	51198	0.85	cps
Molybdenum	95-1	62137	62303	62471	62304	0.27	cps
Molybdenum	96-1	69579	68892	68523	68998	0.78	cps
Molybdenum	97-1	39055	38662	39071	38929	0.60	cps
Molybdenum	98-1	102282	100344	101259	101295	0.96	cps
Neodymium	150-1	7	13	13	11	34.61	cps
Neodymium	150-2	13	3	3	7	86.65	cps
Nickel	60-2	4571	4617	4454	4547	1.85	cps
Phosphorus	31-2	350	408	367	375	8.01	cps
Potassium	39-2	356605	355898	357359	356621	0.20	cps
Rhodium	103-1	9686184	9708982	9795260	9730142	0.59	cps
Rhodium	103-2	4691143	4801622	4789225	4760663	1.27	cps
Scandium	45-1	6761651	6675024	6706227	6714301	0.65	cps
Scandium	45-2	313220	316846	316457	315508	0.63	cps
Selenium	77-2	113	110	143	122	15.02	cps
Selenium	78-2	396	422	415	411	3.25	cps
Selenium	82-1	1979	2127	1990	2032	4.04	cps
Silicon	28-1	644566	641410	640354	642110	0.34	cps
Silver	109-1	33081	31812	32104	32332	2.06	cps
Silver	107-1	32964	33633	33399	33332	1.02	cps
Sodium	23-2	654733	663787	663055	660525	0.76	cps
Strontium	86-1	11080	10671	10488	10746	2.82	cps
Strontium	88-1	73464	74151	73799	73804	0.47	cps
Sulfur	34-1	754093	755565	748035	752564	0.53	cps
Terbium	159-1	13173964	13046536	13190452	13136984	0.60	cps
Terbium	159-2	6684485	6762805	6835979	6761090	1.12	cps
Thallium	203-1	25317	26486	24916	25573	3.19	cps
Thallium	205-1	61526	61468	61183	61393	0.30	cps
Tin	118-1	104008	103631	107241	104960	1.89	cps
Titanium	47-1	18687	18437	19705	18943	3.55	cps
Uranium	238-1	82707	83596	82817	83040	0.58	cps
Vanadium	51-2	34754	35119	34918	34930	0.52	cps
Yttrium	89-1	10567488	10528740	10597859	10564696	0.33	cps
Yttrium	89-2	1585127	1597017	1610101	1597415	0.78	cps
Zinc	66-2	2870	3167	3017	3018	4.92	cps
Zirconium	90-1	44219	44454	44638	44437	0.47	cps

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	PB99241BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 14:02:25	DataFile Name :	021LCSE_P7052417 .b .l

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	10046	10413	10513	10324	2.38	cps

LB Number : LB87715 Operator : Jaswal
 Lab Sample ID : I3289-01 Instrumnet Name : P7
 Client Sample ID : MBD7K3 Dilution Factor : 1
 Date & Time Acquired :: 2017-05-24 14:05:56 DataFile Name : 022SMPL_P7052417 .b .

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	96299	100744	93537	96860	3.75	cps
Antimony	121-1	3134	2842	2717	2898	7.38	cps
Arsenic	75-2	709	722	711	714	0.98	cps
Barium	135-1	154436	154156	153244	153945	0.40	cps
Barium	137-1	270440	266659	267127	268076	0.77	cps
Beryllium	9-1	272	278	267	272	2.04	cps
Bismuth	209-1	9634913	9610204	9409849	9551655	1.29	cps
Bismuth	209-2	5701857	5703449	5719300	5708202	0.17	cps
Boron	10-1	5118	4751	5059	4976	3.96	cps
Boron	11-1	24879	25130	24462	24824	1.36	cps
Cadmium	111-1	2989	3532	2831	3117	11.79	cps
Cadmium	106-1	4067	4907	3876	4283	12.80	cps
Cadmium	108-1	29	46	46	40	23.88	cps
Calcium	43-1	1156953	1135841	1142241	1145012	0.95	cps
Calcium	44-1	18768607	18676095	18727805	18724169	0.25	cps
Chromium	52-2	4587	4634	4804	4675	2.44	cps
Cobalt	59-2	2634	2674	2904	2737	5.33	cps
Copper	63-2	22284	23122	23596	23001	2.89	cps
Dysprosium	156-1	1909	1417	1483	1603	16.66	cps
Dysprosium	156-2	947	780	690	806	16.18	cps
Erbium	164-1	1525	1233	1433	1397	10.67	cps
Erbium	164-2	660	757	693	703	6.98	cps
Gadolinium	160-1	1650	1400	1650	1567	9.22	cps
Gadolinium	160-2	853	923	830	869	5.59	cps
Holmium	165-1	14450113	14305087	14252048	14335750	0.72	cps
Holmium	165-2	7436428	7370381	7391775	7399528	0.46	cps
Indium	115-1	11619494	11504918	11550754	11558389	0.50	cps
Indium	115-2	2242462	2241852	2239638	2241318	0.07	cps
Iron	56-2	2867114	2795399	2793022	2818512	1.49	cps
Iron	57-2	69367	69250	71234	69951	1.59	cps
Lead	206-1	7147	7436	6930	7171	3.54	cps
Lead	207-1	6097	5674	6102	5957	4.12	cps
Lead	208-1	28491	27534	27189	27738	2.43	cps
Lithium	6-1	2498188	2479383	2486959	2488177	0.38	cps
Magnesium	24-2	2020008	2038201	2011736	2023315	0.67	cps
Manganese	55-2	178383	178171	176302	177619	0.64	cps

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	I3289-01	Instrumnet Name :	P7
Client Sample ID :	MBD7K3	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 14:05:56	DataFile Name :	022SMPL_P7052417 .b .

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5168	4985	6850	5668	18.14	cps
Molybdenum	95-1	2942	2992	3559	3164	10.83	cps
Molybdenum	96-1	7965	3926	3717	5203	46.03	cps
Molybdenum	97-1	2159	1984	2084	2075	4.23	cps
Molybdenum	98-1	4976	5085	5043	5034	1.09	cps
Neodymium	150-1	1247	1140	4871	2419	87.79	cps
Neodymium	150-2	653	473	603	577	16.12	cps
Nickel	60-2	2994	2964	2994	2984	0.58	cps
Phosphorus	31-2	567	617	583	589	4.32	cps
Potassium	39-2	703827	700370	703778	702659	0.28	cps
Rhodium	103-1	10810089	10675354	10667421	10717621	0.75	cps
Rhodium	103-2	5117632	5130574	5109458	5119221	0.21	cps
Scandium	45-1	7598952	7545950	7506969	7550624	0.61	cps
Scandium	45-2	338401	338697	338013	338370	0.10	cps
Selenium	77-2	3	3	17	8	99.04	cps
Selenium	78-2	74	93	85	84	11.10	cps
Selenium	82-1	27	-66	-167	-69	-140.78	cps
Silicon	28-1	31779966	30737179	31184202	31233782	1.67	cps
Silver	109-1	3217	4309	4418	3981	16.68	cps
Silver	107-1	3526	4351	4626	4167	13.74	cps
Sodium	23-2	1682490	1689221	1680622	1684111	0.27	cps
Strontium	86-1	851529	841505	837639	843558	0.85	cps
Strontium	88-1	7459895	7402673	7307734	7390101	1.04	cps
Sulfur	34-1	843059	827858	831078	833998	0.96	cps
Terbium	159-1	14835228	14699572	14724332	14753044	0.49	cps
Terbium	159-2	7333807	7347666	7319013	7333495	0.20	cps
Thallium	203-1	850	992	1025	956	9.72	cps
Thallium	205-1	2217	2025	2500	2248	10.63	cps
Tin	118-1	1917	1992	2042	1984	3.17	cps
Titanium	47-1	14015	18824	13818	15552	18.23	cps
Uranium	238-1	4334	4168	5320	4607	13.52	cps
Vanadium	51-2	2814	2980	2874	2889	2.92	cps
Yttrium	89-1	11993774	11801533	11819869	11871725	0.89	cps
Yttrium	89-2	1727135	1724377	1716256	1722590	0.33	cps
Zinc	66-2	9253	9140	8983	9125	1.49	cps
Zirconium	90-1	11841	8979	10294	10371	13.81	cps

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	I3289-01	Instrumnet Name :	P7
Client Sample ID :	MBD7K3	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 14:05:56	DataFile Name :	022SMPL_P7052417 .b .

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2435	3660	2377	2824	25.66	cps

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	I3289-02	Instrumnet Name :	P7
Client Sample ID :	MBD7K3D	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 14:09:26	DataFile Name :	023SMPL_P7052417 .b .

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	95476	93821	95025	94774	0.90	cps
Antimony	121-1	2417	2709	2917	2681	9.37	cps
Arsenic	75-2	767	620	650	679	11.39	cps
Barium	135-1	154989	151344	154332	153555	1.27	cps
Barium	137-1	270448	263908	265295	266550	1.29	cps
Beryllium	9-1	233	233	261	243	6.61	cps
Bismuth	209-1	9523644	9509786	9078230	9370553	2.70	cps
Bismuth	209-2	5698233	5742976	5685645	5708951	0.53	cps
Boron	10-1	4918	4709	4584	4737	3.56	cps
Boron	11-1	23360	23669	23411	23480	0.71	cps
Cadmium	111-1	3009	2705	2783	2832	5.58	cps
Cadmium	106-1	4243	3792	3826	3954	6.34	cps
Cadmium	108-1	33	42	46	40	15.80	cps
Calcium	43-1	1129560	1126797	1119148	1125168	0.48	cps
Calcium	44-1	18391034	18335730	18347205	18357989	0.16	cps
Chromium	52-2	4587	4574	4511	4557	0.90	cps
Cobalt	59-2	2694	2664	2607	2655	1.66	cps
Copper	63-2	24818	24978	25376	25057	1.15	cps
Dysprosium	156-1	1350	1333	1525	1403	7.57	cps
Dysprosium	156-2	703	673	743	707	4.97	cps
Erbium	164-1	1442	1400	1509	1450	3.77	cps
Erbium	164-2	860	927	767	851	9.46	cps
Gadolinium	160-1	1475	1675	1592	1581	6.36	cps
Gadolinium	160-2	833	913	813	853	6.20	cps
Holmium	165-1	14400090	14259611	13520919	14060207	3.36	cps
Holmium	165-2	7411510	7353565	7325008	7363361	0.60	cps
Indium	115-1	11630300	11556920	10918960	11368727	3.44	cps
Indium	115-2	2216625	2229027	2207482	2217711	0.49	cps
Iron	56-2	2730753	2765369	2770060	2755394	0.78	cps
Iron	57-2	68145	69323	71612	69693	2.53	cps
Lead	206-1	6513	6696	6535	6581	1.52	cps
Lead	207-1	5290	5390	5890	5524	5.82	cps
Lead	208-1	25844	25750	26289	25961	1.11	cps
Lithium	6-1	2502039	2476466	2391617	2456707	2.35	cps
Magnesium	24-2	1967736	1981141	1965147	1971341	0.44	cps
Manganese	55-2	173236	176795	174702	174911	1.02	cps

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	I3289-02	Instrumnet Name :	P7
Client Sample ID :	MBD7K3D	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 14:09:26	DataFile Name :	023SMPL_P7052417 .b .

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	9928	6104	4784	6939	38.50	cps
Molybdenum	95-1	3042	2875	2992	2970	2.88	cps
Molybdenum	96-1	7688	3376	4001	5022	46.41	cps
Molybdenum	97-1	1633	1692	1592	1639	3.06	cps
Molybdenum	98-1	4618	4543	4176	4445	5.32	cps
Neodymium	150-1	1220	1300	1527	1349	11.81	cps
Neodymium	150-2	537	573	510	540	5.89	cps
Nickel	60-2	2774	2797	2884	2818	2.06	cps
Phosphorus	31-2	558	525	442	508	11.82	cps
Potassium	39-2	668660	682308	669389	673453	1.14	cps
Rhodium	103-1	10650948	10562655	10141435	10451679	2.61	cps
Rhodium	103-2	5095514	5092845	5090568	5092976	0.05	cps
Scandium	45-1	7431497	7365923	7063314	7286911	2.70	cps
Scandium	45-2	331072	333124	330011	331402	0.48	cps
Selenium	77-2	3	13	3	7	86.65	cps
Selenium	78-2	87	107	109	101	12.18	cps
Selenium	82-1	135	44	-15	55	137.10	cps
Silicon	28-1	30966856	30365609	30441468	30591311	1.07	cps
Silver	109-1	4192	5126	5260	4859	11.96	cps
Silver	107-1	4509	5034	5376	4973	8.78	cps
Sodium	23-2	1640868	1645536	1621276	1635893	0.79	cps
Strontium	86-1	837971	825443	827410	830275	0.81	cps
Strontium	88-1	7379780	7326139	7331391	7345770	0.40	cps
Sulfur	34-1	815236	809768	796464	807156	1.20	cps
Terbium	159-1	14738866	14602499	14083837	14475067	2.39	cps
Terbium	159-2	7292477	7271410	7237712	7267200	0.38	cps
Thallium	203-1	467	533	658	553	17.60	cps
Thallium	205-1	1250	1684	1542	1492	14.81	cps
Tin	118-1	1608	1700	1892	1734	8.34	cps
Titanium	47-1	30566	22641	22427	25211	18.40	cps
Uranium	238-1	4184	4845	4635	4555	7.41	cps
Vanadium	51-2	2874	2997	2820	2897	3.13	cps
Yttrium	89-1	11962326	11727893	11276747	11655655	2.99	cps
Yttrium	89-2	1709640	1719354	1700925	1709973	0.54	cps
Zinc	66-2	8626	8886	9050	8854	2.41	cps
Zirconium	90-1	11134	11308	13452	11964	10.79	cps

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	I3289-02	Instrumnet Name :	P7
Client Sample ID :	MBD7K3D	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 14:09:26	DataFile Name :	023SMPL_P7052417 .b .

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2609	2109	2476	2398	10.80	cps

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	I3289-01LX5	Instrumnet Name :	P7
Client Sample ID :	MBD7K3L	Dilution Factor :	5
Date & Time Acquired ::	2017-05-24 14:12:56	DataFile Name :	024SMPL_P7052417 .b .

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15930	14989	17988	16302	9.41	cps
Antimony	121-1	1292	1408	1342	1347	4.35	cps
Arsenic	75-2	157	141	180	159	12.25	cps
Barium	135-1	28097	27228	27378	27568	1.68	cps
Barium	137-1	48277	48863	47516	48219	1.40	cps
Beryllium	9-1	228	211	222	220	3.85	cps
Bismuth	209-1	8863824	8786464	8877714	8842667	0.56	cps
Bismuth	209-2	5363239	5353223	5375528	5363997	0.21	cps
Boron	10-1	1667	1767	1709	1714	2.93	cps
Boron	11-1	8828	9578	8928	9111	4.47	cps
Cadmium	111-1	2683	2426	2486	2532	5.31	cps
Cadmium	106-1	3809	3467	3501	3592	5.25	cps
Cadmium	108-1	29	25	8	21	52.93	cps
Calcium	43-1	203353	206631	202212	204065	1.12	cps
Calcium	44-1	3307587	3310852	3298005	3305481	0.20	cps
Chromium	52-2	2187	2237	2257	2227	1.62	cps
Cobalt	59-2	567	647	520	578	11.09	cps
Copper	63-2	7645	7712	7462	7607	1.70	cps
Dysprosium	156-1	283	250	192	242	19.20	cps
Dysprosium	156-2	133	123	93	117	17.84	cps
Erbium	164-1	350	350	233	311	21.65	cps
Erbium	164-2	147	127	197	157	23.01	cps
Gadolinium	160-1	383	300	333	339	12.38	cps
Gadolinium	160-2	170	210	183	188	10.85	cps
Holmium	165-1	13238496	13272313	13243143	13251317	0.14	cps
Holmium	165-2	6910157	6923726	6934218	6922700	0.17	cps
Indium	115-1	10771989	10646327	10671684	10696667	0.62	cps
Indium	115-2	2089966	2088207	2097650	2091941	0.24	cps
Iron	56-2	498355	512024	503442	504607	1.37	cps
Iron	57-2	12656	12651	12456	12588	0.91	cps
Lead	206-1	2328	2445	2195	2322	5.39	cps
Lead	207-1	1734	2022	1889	1882	7.69	cps
Lead	208-1	8874	9096	9018	8996	1.25	cps
Lithium	6-1	2285864	2243081	2272796	2267247	0.97	cps
Magnesium	24-2	359237	361649	362591	361159	0.48	cps
Manganese	55-2	32994	32292	31908	32398	1.70	cps

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	I3289-01LX5	Instrumnet Name :	P7
Client Sample ID :	MBD7K3L	Dilution Factor :	5
Date & Time Acquired ::	2017-05-24 14:12:56	DataFile Name :	024SMPL_P7052417 .b .

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1217	5977	1717	2970	88.06	cps
Molybdenum	95-1	850	950	1042	947	10.12	cps
Molybdenum	96-1	892	1108	1400	1133	22.51	cps
Molybdenum	97-1	575	725	642	647	11.61	cps
Molybdenum	98-1	1242	1575	1500	1439	12.15	cps
Neodymium	150-1	213	267	140	207	30.77	cps
Neodymium	150-2	384	87	100	190	88.26	cps
Nickel	60-2	890	1163	1140	1065	14.24	cps
Phosphorus	31-2	358	325	292	325	10.26	cps
Potassium	39-2	163497	163443	163026	163322	0.16	cps
Rhodium	103-1	9802243	9769382	9949693	9840439	0.98	cps
Rhodium	103-2	4776337	4803875	4795415	4791876	0.29	cps
Scandium	45-1	6796333	6840828	6799811	6812324	0.36	cps
Scandium	45-2	315227	311737	312343	313102	0.60	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	83	100	100	94	10.19	cps
Selenium	82-1	-10	-106	24	-31	-220.86	cps
Silicon	28-1	5687487	6037168	5748113	5824256	3.21	cps
Silver	109-1	1400	1367	1317	1361	3.08	cps
Silver	107-1	1642	1642	1625	1636	0.59	cps
Sodium	23-2	333064	333353	332523	332980	0.13	cps
Strontium	86-1	152587	150692	149690	150990	0.97	cps
Strontium	88-1	1310971	1296086	1299695	1302251	0.60	cps
Sulfur	34-1	729809	735404	721057	728757	0.99	cps
Terbium	159-1	13811649	13620990	13702541	13711727	0.70	cps
Terbium	159-2	6845646	6824675	6829570	6833297	0.16	cps
Thallium	203-1	292	292	192	258	22.35	cps
Thallium	205-1	500	400	575	492	17.86	cps
Tin	118-1	1275	1242	1317	1278	2.94	cps
Titanium	47-1	3211	3662	3059	3311	9.47	cps
Uranium	238-1	892	892	1268	1017	21.37	cps
Vanadium	51-2	653	513	693	620	15.25	cps
Yttrium	89-1	10963742	10927411	10979397	10956850	0.24	cps
Yttrium	89-2	1597356	1607621	1616810	1607262	0.61	cps
Zinc	66-2	1777	1677	1840	1765	4.67	cps
Zirconium	90-1	2284	2929	2675	2629	12.37	cps

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	I3289-01LX5	Instrumnet Name :	P7
Client Sample ID :	MBD7K3L	Dilution Factor :	5
Date & Time Acquired ::	2017-05-24 14:12:56	DataFile Name :	024SMPL_P7052417 .b .

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	450	508	567	508	11.48	cps

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	I3289-03	Instrumnet Name :	P7
Client Sample ID :	MBD7K3S	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 14:16:27	DataFile Name :	025SMPL_P7052417 .b .

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	397738	405248	392906	398631	1.56	cps
Antimony	121-1	1711777	1708230	1678485	1699498	1.08	cps
Arsenic	75-2	24810	24914	24439	24721	1.01	cps
Barium	135-1	8149804	8177299	8041843	8122982	0.88	cps
Barium	137-1	14108675	14091795	13927685	14042718	0.71	cps
Beryllium	9-1	169237	167328	165054	167206	1.25	cps
Bismuth	209-1	9487783	9446443	9284869	9406365	1.14	cps
Bismuth	209-2	5623004	5645467	5638815	5635762	0.20	cps
Boron	10-1	4251	4117	4192	4187	1.60	cps
Boron	11-1	21074	20982	21057	21038	0.23	cps
Cadmium	111-1	215258	215518	215404	215393	0.06	cps
Cadmium	106-1	23003	22594	23646	23081	2.30	cps
Cadmium	108-1	14266	13999	13861	14042	1.47	cps
Calcium	43-1	1115386	1103222	1090931	1103180	1.11	cps
Calcium	44-1	18089161	18027599	18012032	18042931	0.23	cps
Chromium	52-2	1040992	1032696	1035066	1036251	0.41	cps
Cobalt	59-2	4387452	4374762	4356643	4372952	0.35	cps
Copper	63-2	1606097	1613028	1596680	1605268	0.51	cps
Dysprosium	156-1	1559	1709	1559	1609	5.38	cps
Dysprosium	156-2	660	697	697	684	3.09	cps
Erbium	164-1	1358	1408	1842	1536	17.32	cps
Erbium	164-2	700	954	757	804	16.59	cps
Gadolinium	160-1	1709	1534	1542	1595	6.19	cps
Gadolinium	160-2	847	1050	1702	1200	37.25	cps
Holmium	165-1	14434831	14519627	14282208	14412222	0.83	cps
Holmium	165-2	7323004	7311052	7328378	7320811	0.12	cps
Indium	115-1	11381128	11484448	11348341	11404639	0.62	cps
Indium	115-2	2176039	2184895	2168100	2176344	0.39	cps
Iron	56-2	7170549	7029173	7030438	7076720	1.15	cps
Iron	57-2	177081	170968	172362	173470	1.85	cps
Lead	206-1	275527	273155	272482	273721	0.58	cps
Lead	207-1	242831	244907	240222	242653	0.97	cps
Lead	208-1	1099492	1100804	1082296	1094197	0.94	cps
Lithium	6-1	2462010	2471452	2433926	2455796	0.79	cps
Magnesium	24-2	1896785	1912991	1885628	1898468	0.72	cps
Manganese	55-2	1604999	1599268	1609844	1604704	0.33	cps

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	I3289-03	Instrumnet Name :	P7
Client Sample ID :	MBD7K3S	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 14:16:27	DataFile Name :	025SMPL_P7052417 .b .

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5452	8247	6088	6596	22.22	cps
Molybdenum	95-1	3209	3167	3175	3184	0.69	cps
Molybdenum	96-1	4852	3934	4451	4412	10.43	cps
Molybdenum	97-1	1975	2009	2059	2014	2.08	cps
Molybdenum	98-1	4893	5176	5443	5171	5.32	cps
Neodymium	150-1	2168	3187	1667	2341	33.09	cps
Neodymium	150-2	593	1067	827	829	28.57	cps
Nickel	60-2	1159212	1160125	1149462	1156266	0.51	cps
Phosphorus	31-2	492	492	308	431	24.58	cps
Potassium	39-2	646354	655060	656994	652803	0.87	cps
Rhodium	103-1	10500753	10481420	10391510	10457894	0.56	cps
Rhodium	103-2	5011361	5052878	4998130	5020789	0.57	cps
Scandium	45-1	7332005	7283134	7216010	7277049	0.80	cps
Scandium	45-2	319586	320060	319363	319670	0.11	cps
Selenium	77-2	1287	1270	1213	1257	3.06	cps
Selenium	78-2	4393	4193	4323	4303	2.36	cps
Selenium	82-1	28093	27753	27799	27882	0.66	cps
Silicon	28-1	31139567	30270045	30352626	30587413	1.57	cps
Silver	109-1	1138829	1140925	1114723	1131492	1.29	cps
Silver	107-1	1183726	1181011	1161852	1175529	1.01	cps
Sodium	23-2	1572224	1588436	1569224	1576628	0.66	cps
Strontium	86-1	823948	826304	828213	826155	0.26	cps
Strontium	88-1	7306138	7305901	7199976	7270672	0.84	cps
Sulfur	34-1	773499	773061	762142	769567	0.84	cps
Terbium	159-1	14705146	14734502	14557022	14665557	0.65	cps
Terbium	159-2	7131193	7127055	7160427	7139558	0.25	cps
Thallium	203-1	830192	830603	819775	826857	0.74	cps
Thallium	205-1	1999612	1970001	1959619	1976411	1.05	cps
Tin	118-1	1700	1734	1667	1700	1.96	cps
Titanium	47-1	12574	24121	23079	19925	32.06	cps
Uranium	238-1	4168	4184	4484	4279	4.17	cps
Vanadium	51-2	2099332	2110574	2104547	2104818	0.27	cps
Yttrium	89-1	11778803	11775251	11680094	11744716	0.48	cps
Yttrium	89-2	1682992	1683038	1672887	1679639	0.35	cps
Zinc	66-2	458859	461119	459845	459941	0.25	cps
Zirconium	90-1	22101	12791	9158	14683	45.46	cps

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	I3289-03	Instrumnet Name :	P7
Client Sample ID :	MBD7K3S	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 14:16:27	DataFile Name :	025SMPL_P7052417 .b .

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1842	4168	8756	4922	71.48	cps

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	CCV035	Instrumnet Name :	P7
Client Sample ID :	CCV035	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 14:19:57	DataFile Name :	026CCV_P7052417 .b .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7136065	7092732	7141546	7123448	0.38	cps
Antimony	121-1	6854272	6891524	6847178	6864324	0.35	cps
Arsenic	75-2	253809	250515	251864	252063	0.66	cps
Barium	135-1	8117440	8153120	8070720	8113760	0.51	cps
Barium	137-1	13936968	14103171	13912402	13984180	0.74	cps
Beryllium	9-1	1353422	1348703	1343423	1348516	0.37	cps
Bismuth	209-1	7864787	7877022	7857814	7866541	0.12	cps
Bismuth	209-2	4806218	4775826	4792071	4791372	0.32	cps
Boron	10-1	181694	179916	181392	181001	0.53	cps
Boron	11-1	895502	896712	897174	896462	0.10	cps
Cadmium	111-1	1671373	1673428	1667368	1670723	0.18	cps
Cadmium	106-1	191115	192374	190353	191280	0.53	cps
Cadmium	108-1	123965	123171	124844	123993	0.68	cps
Calcium	43-1	10129289	10096185	10067311	10097595	0.31	cps
Calcium	44-1	162182545	163320754	161129933	162211077	0.68	cps
Chromium	52-2	2278344	2262635	2270182	2270387	0.35	cps
Cobalt	59-2	3577748	3540638	3555753	3558046	0.52	cps
Copper	63-2	4949996	4937911	4932535	4940147	0.18	cps
Dysprosium	156-1	292	242	250	261	10.26	cps
Dysprosium	156-2	103	80	77	87	16.77	cps
Erbium	164-1	117	100	92	103	12.38	cps
Erbium	164-2	63	60	23	49	45.40	cps
Gadolinium	160-1	217	192	217	208	6.93	cps
Gadolinium	160-2	100	97	130	109	16.86	cps
Holmium	165-1	12699342	12696855	12564703	12653634	0.61	cps
Holmium	165-2	6624946	6626136	6625604	6625562	0.01	cps
Indium	115-1	9633972	9598200	9573457	9601876	0.32	cps
Indium	115-2	1902971	1896559	1904121	1901217	0.21	cps
Iron	56-2	454754255	450842043	454425177	453340492	0.48	cps
Iron	57-2	11262962	11098634	11120324	11160640	0.80	cps
Lead	206-1	5326942	5387019	5299973	5337978	0.83	cps
Lead	207-1	4744189	4786778	4758853	4763273	0.45	cps
Lead	208-1	21436866	21675417	21504201	21538828	0.57	cps
Lithium	6-1	2069127	2085408	2079968	2078168	0.40	cps
Magnesium	24-2	83765175	82896898	83348777	83336950	0.52	cps
Manganese	55-2	2450006	2455507	2457962	2454492	0.17	cps

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	CCV035	Instrumnet Name :	P7
Client Sample ID :	CCV035	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 14:19:57	DataFile Name :	026CCV_P7052417 .b .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6258642	6309263	6285941	6284615	0.40	cps
Molybdenum	95-1	3313620	3343767	3296455	3317947	0.72	cps
Molybdenum	96-1	4261769	4276287	4249831	4262629	0.31	cps
Molybdenum	97-1	2066181	2069208	2049440	2061610	0.52	cps
Molybdenum	98-1	5436000	5372482	5391214	5399899	0.60	cps
Neodymium	150-1	567	613	647	609	6.60	cps
Neodymium	150-2	77	153	77	102	43.30	cps
Nickel	60-2	936729	934494	941248	937490	0.37	cps
Phosphorus	31-2	75885	75525	74788	75399	0.74	cps
Potassium	39-2	38948776	38794625	38934295	38892565	0.22	cps
Rhodium	103-1	8774428	8697065	8771130	8747541	0.50	cps
Rhodium	103-2	4276507	4261671	4263126	4267101	0.19	cps
Scandium	45-1	6518766	6528313	6517204	6521427	0.09	cps
Scandium	45-2	307065	304761	306340	306055	0.38	cps
Selenium	77-2	4761	4811	5041	4871	3.07	cps
Selenium	78-2	16882	16458	16838	16726	1.40	cps
Selenium	82-1	104367	104086	103829	104094	0.26	cps
Silicon	28-1	4517241	4609293	4590800	4572445	1.06	cps
Silver	109-1	7812756	7846191	7811209	7823385	0.25	cps
Silver	107-1	8217052	8256935	8181504	8218497	0.46	cps
Sodium	23-2	153440749	154527453	153746912	153905038	0.36	cps
Strontium	86-1	2164116	2165862	2150525	2160168	0.39	cps
Strontium	88-1	18889363	18899834	18880358	18889852	0.05	cps
Sulfur	34-1	1412165	1405807	1392287	1403420	0.72	cps
Terbium	159-1	13100374	13164493	13013626	13092831	0.58	cps
Terbium	159-2	6650401	6476303	6577882	6568195	1.33	cps
Thallium	203-1	6618615	6679033	6577719	6625122	0.77	cps
Thallium	205-1	15791924	15819025	15673471	15761473	0.49	cps
Tin	118-1	5422312	5453059	5410589	5428654	0.40	cps
Titanium	47-1	985836	985517	981001	984118	0.27	cps
Uranium	238-1	22839060	23026346	22819566	22894991	0.50	cps
Vanadium	51-2	1852395	1852302	1844551	1849749	0.24	cps
Yttrium	89-1	10267428	10195481	10219189	10227366	0.36	cps
Yttrium	89-2	1543338	1532848	1532208	1536131	0.41	cps
Zinc	66-2	703046	694787	699984	699272	0.60	cps
Zirconium	90-1	11868567	11932231	11865891	11888896	0.32	cps

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	CCV035	Instrumnet Name :	P7
Client Sample ID :	CCV035	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 14:19:57	DataFile Name :	026CCV_P7052417 .b .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2607100	2626510	2622993	2618867	0.39	cps

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	CCB035	Instrumnet Name :	P7
Client Sample ID :	CCB035	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 14:27:47	DataFile Name :	027CCBE_P7052417 .b .

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	25	83	61	51.63	cps
Antimony	121-1	11030	13515	15601	13382	17.10	cps
Arsenic	75-2	98	104	106	102	3.76	cps
Barium	135-1	150	75	83	103	40.00	cps
Barium	137-1	133	250	200	194	30.10	cps
Beryllium	9-1	272	156	250	226	27.42	cps
Bismuth	209-1	8656348	8669590	8757554	8694497	0.63	cps
Bismuth	209-2	5237564	5311175	5315125	5287954	0.83	cps
Boron	10-1	2209	2142	2034	2128	4.15	cps
Boron	11-1	11196	10829	10062	10696	5.41	cps
Cadmium	111-1	2411	2483	2573	2489	3.25	cps
Cadmium	106-1	3417	3509	3651	3526	3.33	cps
Cadmium	108-1	21	21	29	24	20.39	cps
Calcium	43-1	233	367	375	325	24.46	cps
Calcium	44-1	14491	14791	15367	14883	2.99	cps
Chromium	52-2	1610	1623	1627	1620	0.54	cps
Cobalt	59-2	227	223	243	231	4.64	cps
Copper	63-2	2867	2894	2784	2848	2.02	cps
Dysprosium	156-1	42	58	0	33	90.14	cps
Dysprosium	156-2	23	10	3	12	83.33	cps
Erbium	164-1	17	58	67	47	56.72	cps
Erbium	164-2	7	20	13	13	49.99	cps
Gadolinium	160-1	50	158	133	114	49.81	cps
Gadolinium	160-2	40	40	60	47	24.74	cps
Holmium	165-1	12719194	12897036	13022357	12879529	1.18	cps
Holmium	165-2	6796742	6840314	6803895	6813650	0.34	cps
Indium	115-1	10257466	10425316	10330425	10337736	0.81	cps
Indium	115-2	2029638	2060342	2055473	2048484	0.81	cps
Iron	56-2	9425	10309	9931	9889	4.49	cps
Iron	57-2	194	256	283	244	18.60	cps
Lead	206-1	1900	2167	2034	2034	6.56	cps
Lead	207-1	1617	1961	1739	1772	9.85	cps
Lead	208-1	7718	8279	8135	8044	3.62	cps
Lithium	6-1	2213734	2213951	2216711	2214799	0.07	cps
Magnesium	24-2	717	600	617	644	9.79	cps
Manganese	55-2	340	207	207	251	30.66	cps

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	CCB035	Instrumnet Name :	P7
Client Sample ID :	CCB035	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 14:27:47	DataFile Name :	027CCBE_P7052417 .b .

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1675	1884	2567	2042	22.85	cps
Molybdenum	95-1	1100	1542	1759	1467	22.88	cps
Molybdenum	96-1	1425	1609	2067	1700	19.44	cps
Molybdenum	97-1	650	1033	1225	970	30.20	cps
Molybdenum	98-1	1608	2450	2975	2345	29.41	cps
Neodymium	150-1	0	13	13	9	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	637	583	660	627	6.27	cps
Phosphorus	31-2	400	367	267	344	20.15	cps
Potassium	39-2	49031	47811	48237	48360	1.28	cps
Rhodium	103-1	9692510	9668291	9769392	9710064	0.54	cps
Rhodium	103-2	4696830	4761423	4739477	4732577	0.69	cps
Scandium	45-1	6646385	6700247	6642233	6662955	0.49	cps
Scandium	45-2	306302	309242	311692	309079	0.87	cps
Selenium	77-2	10	0	0	3	173.21	cps
Selenium	78-2	94	76	122	98	23.89	cps
Selenium	82-1	22	7	0	10	112.10	cps
Silicon	28-1	444532	446268	447482	446094	0.33	cps
Silver	109-1	517	475	375	456	15.98	cps
Silver	107-1	492	592	542	542	9.23	cps
Sodium	23-2	41416	42511	41433	41787	1.50	cps
Strontium	86-1	1875	2084	2025	1995	5.39	cps
Strontium	88-1	383	300	475	386	22.69	cps
Sulfur	34-1	715600	718159	712745	715501	0.38	cps
Terbium	159-1	13301814	13377014	13432817	13370549	0.49	cps
Terbium	159-2	6659196	6705602	6701298	6688698	0.38	cps
Thallium	203-1	475	450	542	489	9.69	cps
Thallium	205-1	1550	1400	1133	1361	15.51	cps
Tin	118-1	1884	2234	2609	2242	16.18	cps
Titanium	47-1	150	200	100	150	33.34	cps
Uranium	238-1	225	117	208	183	31.82	cps
Vanadium	51-2	23	47	33	34	34.00	cps
Yttrium	89-1	10540052	10581647	10601911	10574536	0.30	cps
Yttrium	89-2	1574617	1585130	1589217	1582988	0.48	cps
Zinc	66-2	200	220	193	204	6.79	cps
Zirconium	90-1	2650	3092	3434	3059	12.84	cps

LB Number :	LB87715	Operator :	Jaswal
Lab Sample ID :	CCB035	Instrumnet Name :	P7
Client Sample ID :	CCB035	Dilution Factor :	1
Date & Time Acquired ::	2017-05-24 14:27:47	DataFile Name :	027CCBE_P7052417 .b .

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	542	550	758	617	19.91	cps