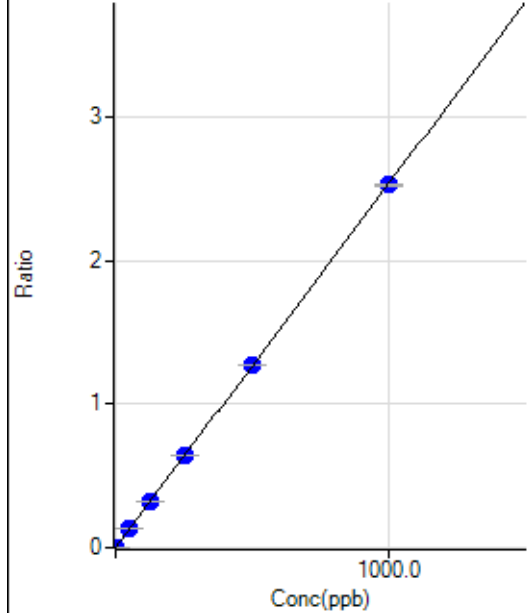


Batch Folder: D:\ICP-MS Data\P7011717-MS..b\
Analysis File: P7011717-MS..batch.bin
DA Date-Time: 2017-01-18 20:11:22
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	002CALB P7011717-MS.D	S00	2017-01-17 14:04:43
2			
3	004CAL5 P7011717-MS.D	S02	2017-01-17 14:12:58
4	005CAL5 P7011717-MS.D	S03	2017-01-17 14:16:50
5	006CAL5 P7011717-MS.D	S04	2017-01-17 14:20:55
6	007CAL5 P7011717-MS.D	S05	2017-01-17 14:24:42
7	008CAL5 P7011717-MS.D	S06	2017-01-17 14:28:25
8	009CAL5 P7011717-MS.D	S07	2017-01-17 14:32:04
9	010CAL5 P7011717-MS.D	S08	2017-01-17 14:35:39

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16.67	0.0000	P	33.3
2	☐	0.100					
3	☐	1.000	0.934	916.72	0.0024	P	8.5
4	☐	50.000	50.405	49152.21	0.1276	P	0.6
5	☐	125.000	125.287	123478.68	0.3170	P	0.7
6	☐	250.000	253.203	247488.88	0.6406	P	1.0
7	☐	500.000	502.738	482407.46	1.2718	P	0.8
8	☐	1000.000	997.774	955799.36	2.5241	P	0.8
9	☐			105.56	0.0003	P	14.5

$$y = 0.0025 * x + 4.4124E-005$$

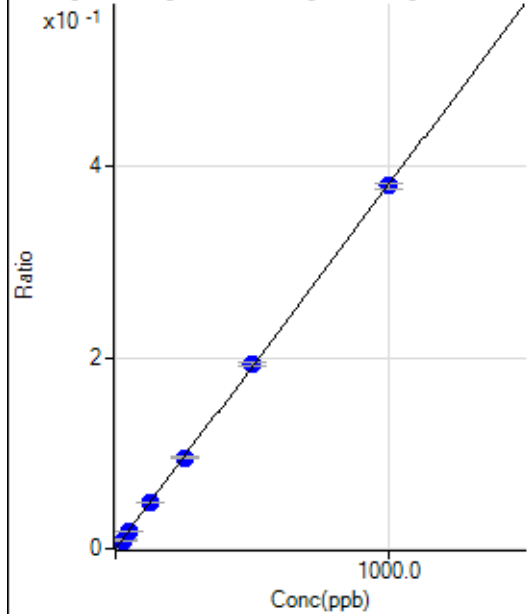
$$R = 1.0000$$

$$DL = 0.01742$$

$$BEC = 0.01744$$

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	44.45	0.0001	P	28.0
2	☐	2.500					
3	☐	25.000	23.267	3419.98	0.0090	P	4.9
4	☐	50.000	49.158	7257.58	0.0188	P	1.6
5	☐	125.000	127.595	18968.23	0.0487	P	1.8
6	☐	250.000	250.140	36834.75	0.0954	P	3.5
7	☐	500.000	505.348	73018.44	0.1925	P	1.8
8	☐	1000.000	997.052	143788.93	0.3797	P	1.2
9	☐			1250.11	0.0035	P	4.2

$$y = 3.8072E-004 * x + 1.1759E-004$$

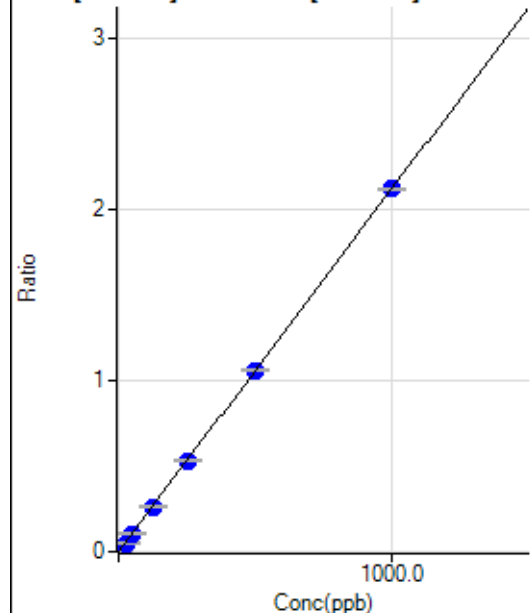
$$R = 1.0000$$

$$DL = 0.2596$$

$$BEC = 0.3089$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	261.13	0.0007	P	21.1
2	☐	2.500					
3	☐	25.000	23.525	19276.92	0.0506	P	0.9
4	☐	50.000	49.926	41073.43	0.1066	P	1.5
5	☐	125.000	124.140	102845.90	0.2640	P	1.3
6	☐	250.000	249.619	204805.14	0.5301	P	2.0
7	☐	500.000	498.756	401539.61	1.0585	P	1.0
8	☐	1000.000	1000.865	804146.95	2.1235	P	0.4
9	☐			7149.18	0.0199	P	9.6

$$y = 0.0021 * x + 6.9196E-004$$

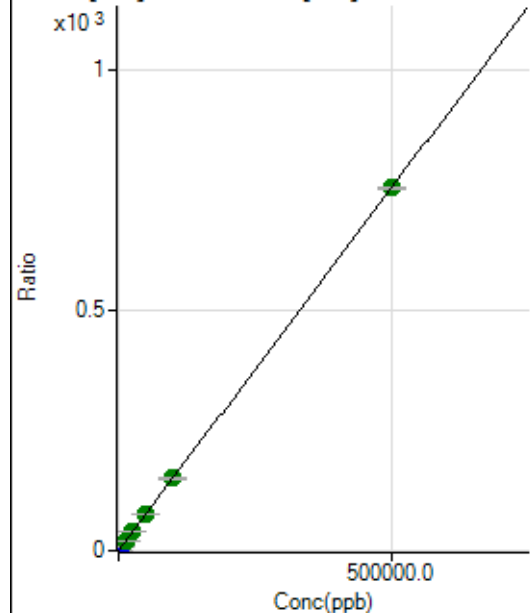
$$R = 1.0000$$

$$DL = 0.2065$$

$$BEC = 0.3262$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16203.76	0.0575	P	1.4
2	☐	50.000					
3	☐	500.000	478.636	219796.78	0.7810	P	0.9
4	☐	5000.000	5163.786	2229817.84	7.8624	P	0.2
5	☐	12500.000	12925.595	5539330.81	19.5940	A	0.7
6	☐	25000.000	25464.840	10921401.98	38.5465	A	2.5
7	☐	50000.000	50620.395	21460616.63	76.5680	A	0.3
8	☐	100000.00	99571.266	43124152.35	150.5551	A	0.7
9	☐	500000.00	499988.20	213656696.4	755.7679	A	0.4

$$y = 0.0015 * x + 0.0575$$

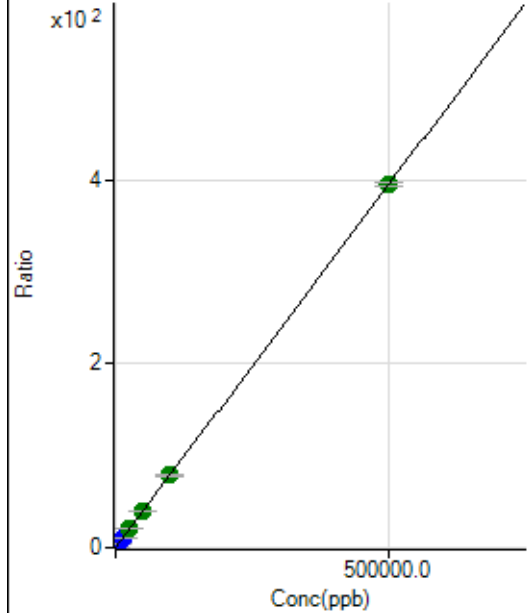
$$R = 1.0000$$

$$DL = 1.573$$

$$BEC = 38.05$$

Weight: <None>

Min Conc: 0

24 Mg [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	119.45	0.0004	P	11.6
2	☐	50.000					
3	☐	500.000	496.066	110281.52	0.3918	P	1.0
4	☐	5000.000	5198.179	1163336.60	4.1020	P	0.8
5	☐	12500.000	13137.233	2930516.91	10.3662	P	1.0
6	☐	25000.000	25723.504	5751568.14	20.2973	A	1.4
7	☐	50000.000	50992.726	11277488.71	40.2357	A	1.1
8	☐	100000.00	99577.638	22505695.99	78.5711	A	0.6
9	☐	500000.00	499931.11	111514321.9	394.4659	A	1.1

$$y = 7.8904\text{E-}004 * x + 4.2426\text{E-}004$$

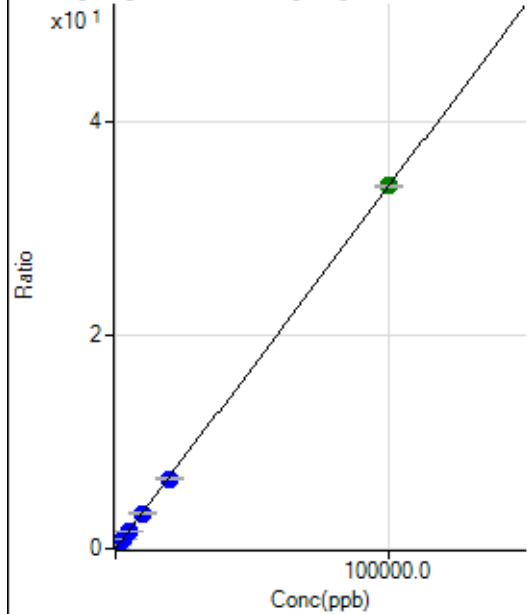
$$R = 1.0000$$

$$DL = 0.1869$$

$$BEC = 0.5377$$

Weight: <None>

Min Conc: 0

27 Al [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	63.89	0.0002	P	31.8
2	☐	2.000					
3	☐	20.000	19.687	1947.44	0.0069	P	2.0
4	☐	1000.000	981.896	94741.40	0.3340	P	1.1
5	☐	2500.000	2521.740	242419.34	0.8575	P	1.4
6	☐	5000.000	4937.115	475676.17	1.6787	P	1.4
7	☐	10000.000	9815.559	935366.96	3.3372	P	0.9
8	☐	20000.000	19331.306	1882488.78	6.5723	P	1.1
9	☐	100000.00	100154.96	9626087.11	34.0500	A	0.4

$$y = 3.3997\text{E-}004 * x + 2.2629\text{E-}004$$

$$R = 1.0000$$

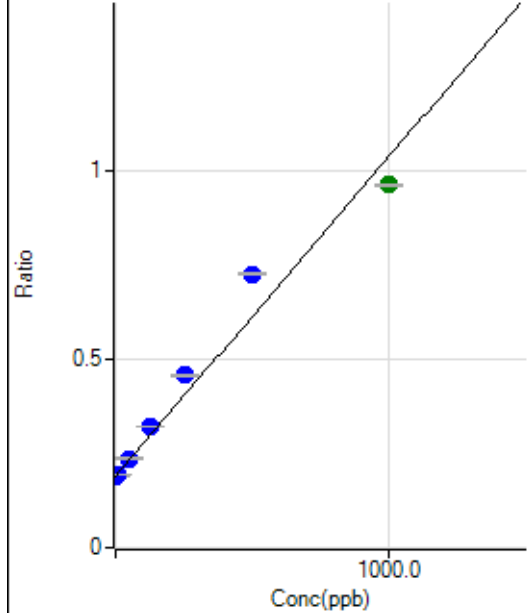
$$DL = 0.635$$

$$BEC = 0.6656$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1018385.20	0.1897	P	1.0
2	☐	1.000					
3	☐	10.000	1.732	1029567.75	0.1912	P	0.2
4	☐	50.000	55.477	1292530.72	0.2366	P	0.9
5	☐	125.000	156.849	1738379.16	0.3222	P	0.5
6	☐	250.000	316.154	2462101.73	0.4567	P	0.6
7	☐	500.000	633.798	3848577.17	0.7249	P	0.6
8	☐	1000.000	912.390	5157738.22	0.9602	A	0.7
9	☐			946001.27	0.1802	P	0.7

$$y = 8.4441\text{E-}004 * x + 0.1897$$

$$R = 0.9822$$

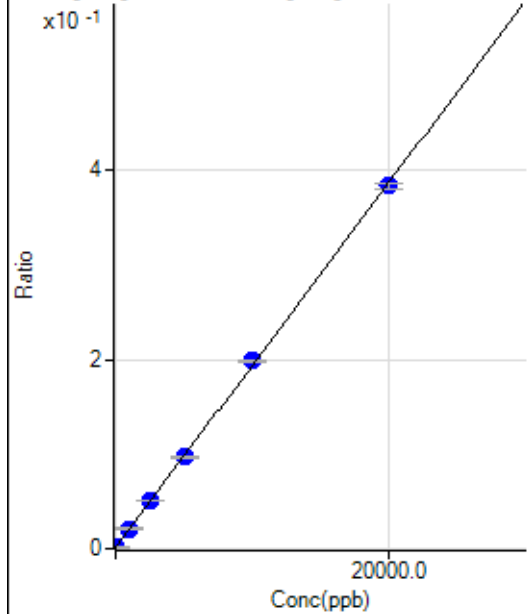
$$DL = 6.882$$

$$BEC = 224.7$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-7.437	233.35	0.0008	P	20.6
2	☐	0.000					
3	☐	0.000	7.437	313.91	0.0011	P	21.5
4	☐	1000.000	1031.341	5907.00	0.0208	P	5.1
5	☐	2500.000	2583.933	14340.83	0.0507	P	0.8
6	☐	5000.000	5003.451	27570.85	0.0973	P	2.3
7	☐	10000.000	10268.154	55685.51	0.1987	P	1.4
8	☐	20000.000	19853.002	109763.39	0.3832	P	1.3
9	☐			333.35	0.0012	P	14.4

$$y = 1.9254\text{E-}005 * x + 9.7196\text{E-}004$$

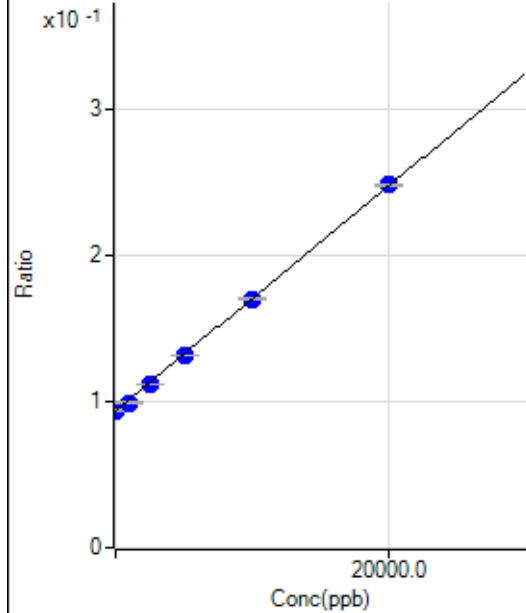
$$R = 0.9999$$

$$DL = 31.95$$

$$BEC = 50.48$$

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	-14.572	502061.31	0.0935	P	1.1
2	☐	0.000					
3	☐	0.000	14.572	504871.52	0.0938	P	1.4
4	☐	1000.000	688.587	540517.37	0.0989	P	1.0
5	☐	2500.000	2349.618	602592.67	0.1117	P	0.3
6	☐	5000.000	4971.746	710558.31	0.1318	P	0.3
7	☐	10000.000	9911.561	900960.20	0.1697	P	0.6
8	☐	20000.000	20085.652	1330988.78	0.2478	P	0.6
9	☐			466794.26	0.0889	P	1.6

$$y = 7.6737\text{E-}006 * x + 0.0936$$

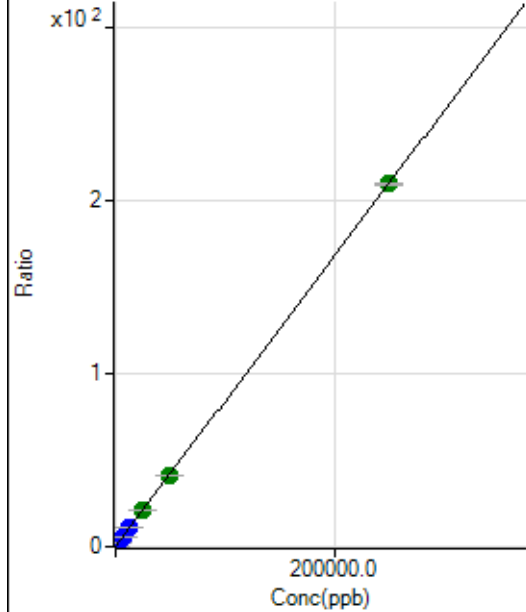
R = 0.9999

DL = 452.9

BEC = 1.22E+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	42425.72	0.1506	P	0.7
2	☐	50.000					
3	☐	500.000	473.658	153906.89	0.5468	P	0.4
4	☐	2500.000	2526.323	642140.35	2.2642	P	0.7
5	☐	6250.000	6409.246	1558455.05	5.5129	P	1.2
6	☐	12500.000	12817.818	3081516.41	10.8746	P	1.0
7	☐	25000.000	25135.816	5936513.37	21.1804	A	0.1
8	☐	50000.000	49257.673	11848060.85	41.3620	A	0.4
9	☐	250000.00	250114.80	59201724.24	209.4092	A	0.6

$$y = 8.3665\text{E-}004 * x + 0.1506$$

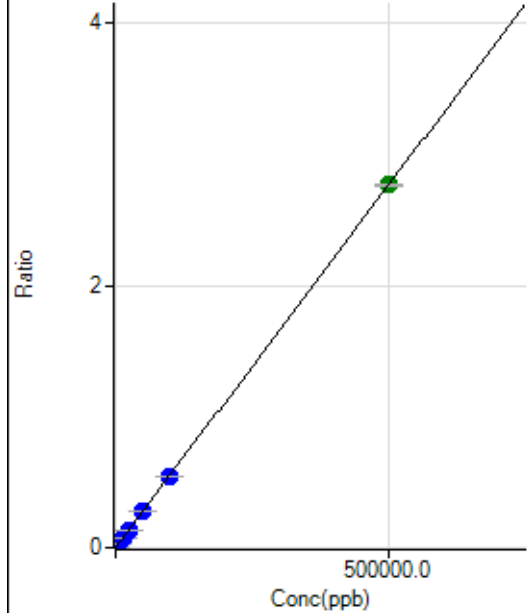
R = 1.0000

DL = 3.636

BEC = 180

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	158.34	0.0000	P	28.8
2	☐	50.000					
3	☐	500.000	451.588	13598.44	0.0025	P	4.0
4	☐	5000.000	4842.116	146343.45	0.0268	P	1.6
5	☐	12500.000	12392.082	369611.98	0.0685	P	0.7
6	☐	25000.000	24549.887	731425.89	0.1357	P	1.5
7	☐	50000.000	49210.401	1443694.59	0.2719	P	0.4
8	☐	100000.00	98330.803	2918642.27	0.5433	P	0.1
9	☐	500000.00	500439.63	14518222.37	2.7651	A	0.3

$$y = 5.5252\text{E-}006 * x + 2.9560\text{E-}005$$

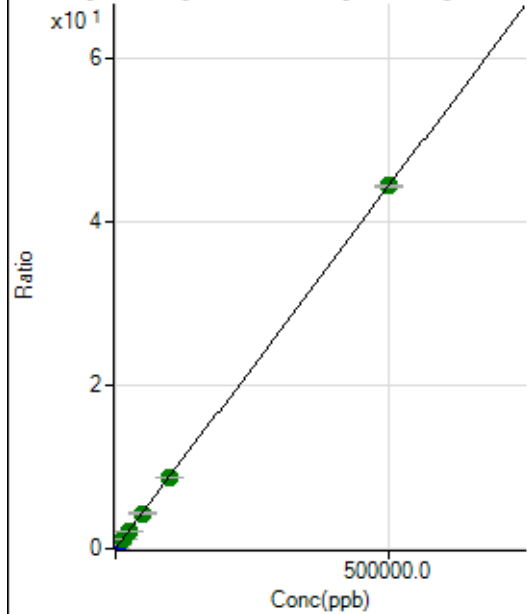
R = 1.0000

DL = 4.623

BEC = 5.35

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	23842.22	0.0044	P	2.7
2	☐	50.000					
3	☐	500.000	452.667	240120.53	0.0446	P	0.2
4	☐	5000.000	4902.421	2399850.42	0.4392	P	0.9
5	☐	12500.000	12236.335	5879714.89	1.0896	A	0.7
6	☐	25000.000	24394.341	11687887.41	2.1679	A	0.7
7	☐	50000.000	49032.295	23110740.62	4.3530	A	0.9
8	☐	100000.00	97527.813	46486050.69	8.6539	A	0.7
9	☐	500000.00	500629.10	233153055.2	44.4038	A	0.5

$$y = 8.8687\text{E-}005 * x + 0.0044$$

R = 1.0000

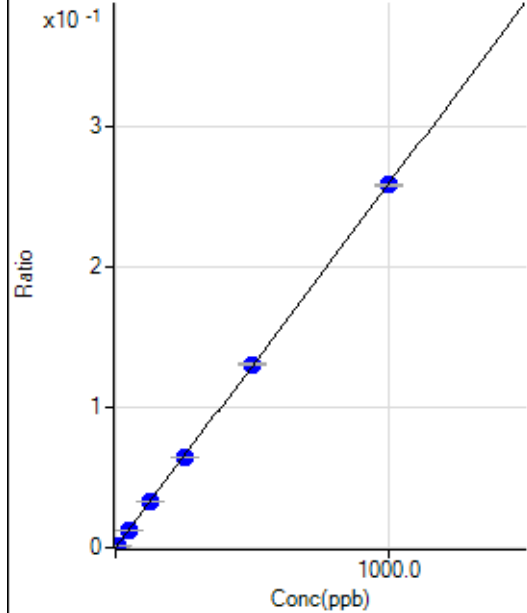
DL = 4.077

BEC = 50.09

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	108.34	0.0000	P	14.7
2	☐	0.500					
3	☐	5.000	4.703	6665.67	0.0012	P	1.3
4	☐	50.000	49.446	70050.47	0.0128	P	0.8
5	☐	125.000	125.650	175628.87	0.0325	P	0.7
6	☐	250.000	249.323	348096.61	0.0646	P	0.5
7	☐	500.000	504.293	693212.95	0.1306	P	0.5
8	☐	1000.000	997.971	1387921.17	0.2584	P	0.7
9	☐			2334.12	0.0004	P	49.9

$$y = 2.5888\text{E-}004 * x + 2.0168\text{E-}005$$

$$R = 1.0000$$

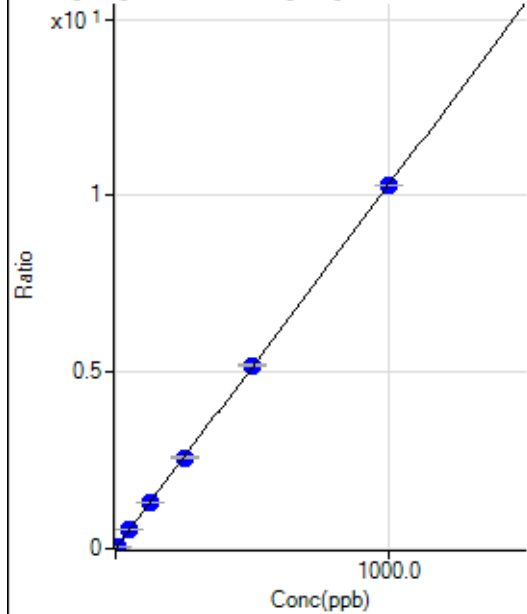
$$DL = 0.03443$$

$$BEC = 0.0779$$

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	16.66	0.0001	P	69.1
2	☐	0.500					
3	☐	5.000	4.686	13599.78	0.0483	P	1.1
4	☐	50.000	50.595	147802.89	0.5212	P	0.4
5	☐	125.000	126.450	368195.22	1.3024	P	1.2
6	☐	250.000	250.312	730568.69	2.5781	P	0.9
7	☐	500.000	503.783	1454314.06	5.1887	P	0.6
8	☐	1000.000	997.821	2943814.58	10.2770	P	0.1
9	☐			918.93	0.0033	P	1.5

$$y = 0.0103 * x + 5.8890\text{E-}005$$

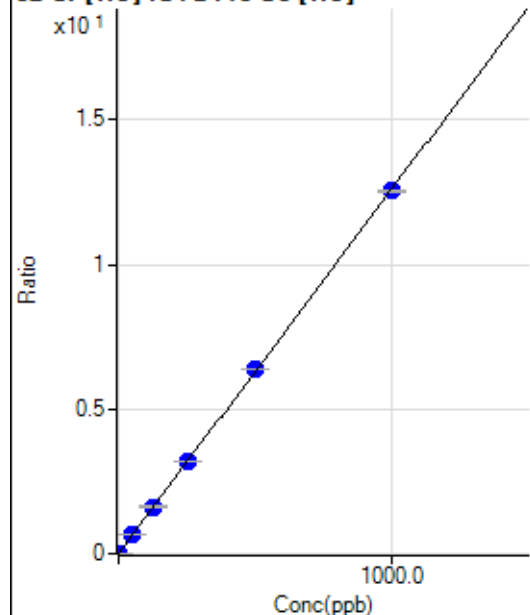
$$R = 1.0000$$

$$DL = 0.01184$$

$$BEC = 0.005718$$

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	2009.06	0.0071	P	4.7
2	☐	0.200					
3	☐	2.000	1.979	9017.34	0.0320	P	2.1
4	☐	50.000	50.963	183911.76	0.6485	P	0.4
5	☐	125.000	128.349	458615.46	1.6223	P	1.5
6	☐	250.000	252.911	903911.91	3.1899	P	1.0
7	☐	500.000	505.403	1784657.09	6.3673	P	0.3
8	☐	1000.000	996.104	3592811.37	12.5425	P	0.3
9	☐			104230.85	0.3687	P	0.9

$$y = 0.0126 * x + 0.0071$$

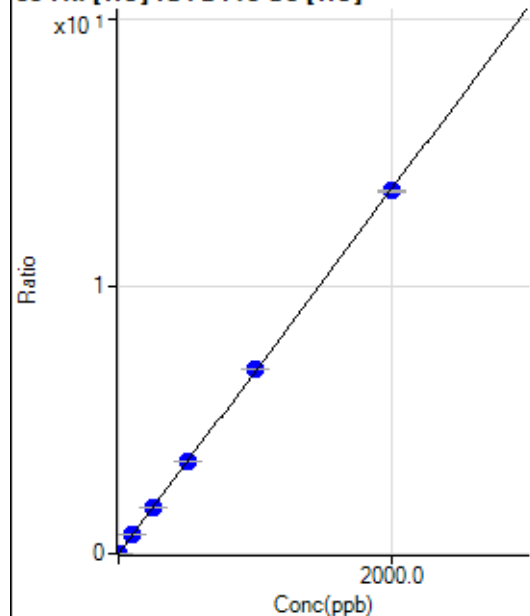
$$R = 1.0000$$

$$DL = 0.08023$$

$$BEC = 0.5665$$

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	67.78	0.0002	P	17.0
2	☐	0.100					
3	☐	1.000	0.953	1897.94	0.0067	P	2.6
4	☐	100.000	102.456	198406.82	0.6996	P	0.6
5	☐	250.000	256.233	494497.14	1.7492	P	1.3
6	☐	500.000	506.050	978894.81	3.4545	P	1.1
7	☐	1000.000	1012.388	1936934.05	6.9106	P	0.4
8	☐	2000.000	1991.392	3893670.22	13.5932	P	0.3
9	☐			14511.80	0.0513	P	1.3

$$y = 0.0068 * x + 2.4085E-004$$

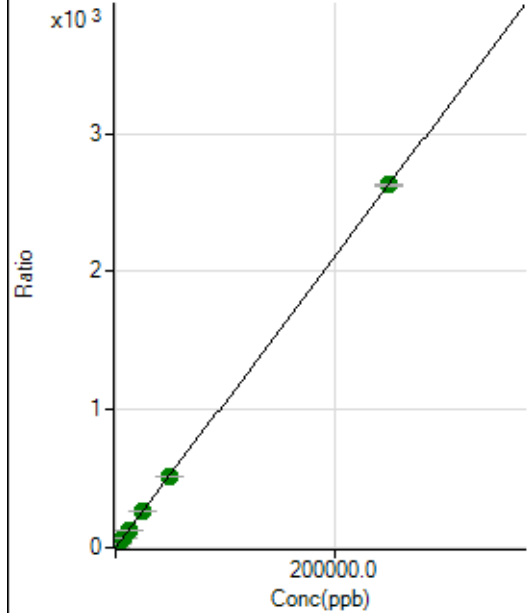
$$R = 1.0000$$

$$DL = 0.01795$$

$$BEC = 0.03528$$

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	4863.91	0.0173	P	1.5
2	☐	5.000					
3	☐	50.000	46.888	143432.64	0.5096	P	0.2
4	☐	2500.000	2521.768	7514943.34	26.4982	A	0.5
5	☐	6250.000	6396.375	18991443.02	67.1851	A	2.3
6	☐	12500.000	12515.712	37247911.94	131.4438	A	1.0
7	☐	25000.000	24899.676	73290172.93	261.4869	A	0.9
8	☐	50000.000	49133.057	147785579.2	515.9598	A	1.0
9	☐	250000.00	250178.75	742708883.2	2,627.125	A	0.5

$$y = 0.0105 * x + 0.0173$$

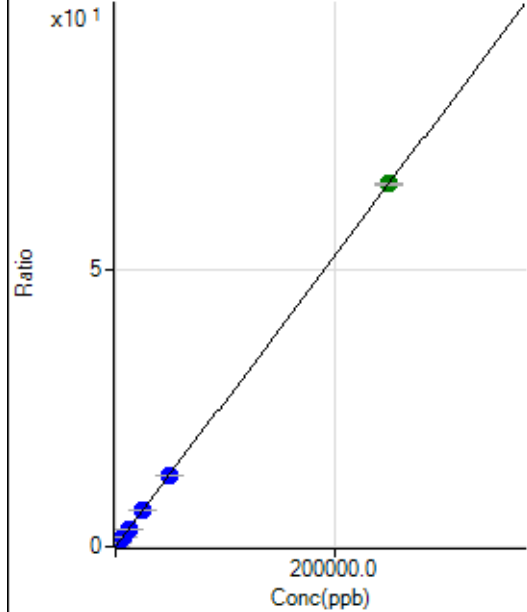
$$R = 1.0000$$

$$DL = 0.07153$$

$$BEC = 1.644$$

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	85.19	0.0003	P	46.3
2	☐	5.000					
3	☐	50.000	45.566	3437.53	0.0122	P	2.5
4	☐	2500.000	2493.150	184919.83	0.6520	P	0.6
5	☐	6250.000	6257.848	462535.34	1.6361	P	1.0
6	☐	12500.000	12417.297	919869.49	3.2463	P	1.2
7	☐	25000.000	24758.773	1814116.87	6.4724	P	0.7
8	☐	50000.000	48646.664	3642566.52	12.7169	P	0.7
9	☐	250000.00	250298.79	18497015.69	65.4301	A	0.6

$$y = 2.6141E-004 * x + 3.0250E-004$$

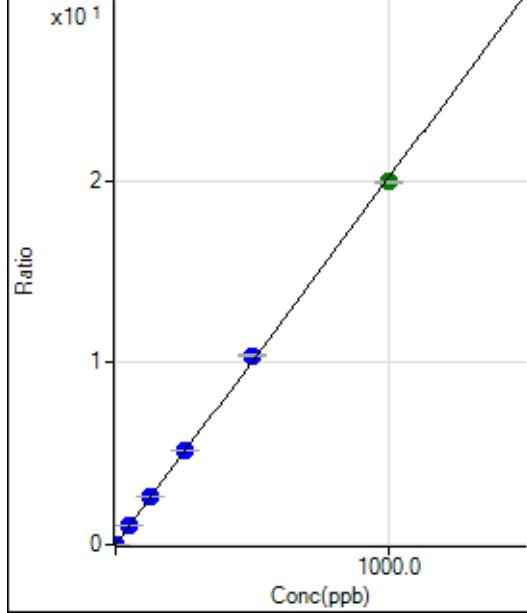
$$R = 1.0000$$

$$DL = 1.608$$

$$BEC = 1.157$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	166.67	0.0006	P	1.3
2	☐	0.100					
3	☐	1.000	0.973	5692.31	0.0202	P	2.9
4	☐	50.000	52.160	298512.80	1.0526	P	0.4
5	☐	125.000	130.790	745857.68	2.6384	P	1.4
6	☐	250.000	257.412	1471311.35	5.1922	P	1.0
7	☐	500.000	515.358	2913448.74	10.3946	P	0.6
8	☐	1000.000	989.636	5717425.40	19.9601	A	0.5
9	☐			7458.69	0.0264	P	0.8

$$y = 0.0202 * x + 5.9150E-004$$

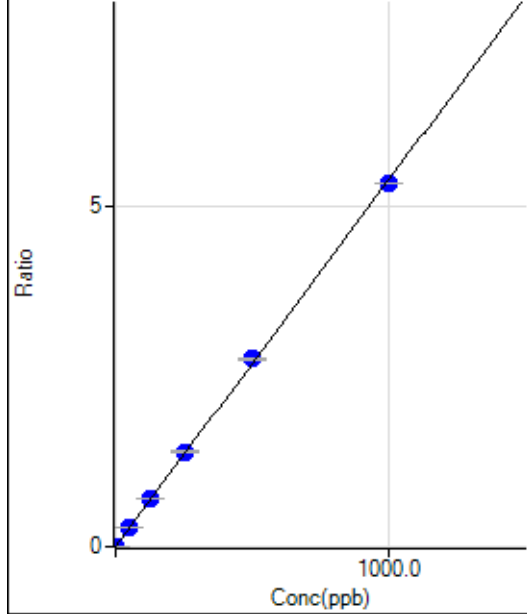
$$R = 0.9998$$

$$DL = 0.001135$$

$$BEC = 0.02933$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	72.22	0.0003	P	24.5
2	☐	0.100					
3	☐	1.000	0.991	1576.78	0.0056	P	1.6
4	☐	50.000	53.044	81261.64	0.2865	P	0.6
5	☐	125.000	131.501	200701.96	0.7100	P	1.1
6	☐	250.000	258.261	395018.70	1.3941	P	1.4
7	☐	500.000	513.557	776914.67	2.7719	P	1.0
8	☐	1000.000	990.191	1530831.21	5.3442	P	0.1
9	☐			26820.32	0.0949	P	2.0

$$y = 0.0054 * x + 2.5687E-004$$

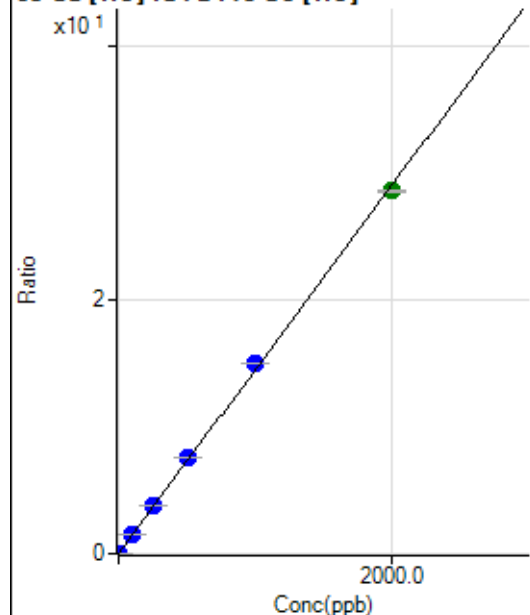
$$R = 0.9998$$

$$DL = 0.03493$$

$$BEC = 0.0476$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1443.43	0.0051	P	5.1
2	☐	0.200					
3	☐	2.000	2.045	9797.86	0.0348	P	2.7
4	☐	100.000	105.732	436709.81	1.5398	P	0.2
5	☐	250.000	265.229	1089797.01	3.8549	P	0.8
6	☐	500.000	522.456	2150402.52	7.5886	P	0.8
7	☐	1000.000	1038.902	4228001.67	15.0848	P	0.2
8	☐	2000.000	1972.745	8203449.25	28.6395	A	0.8
9	☐			13744.41	0.0486	P	1.2

$$y = 0.0145 * x + 0.0051$$

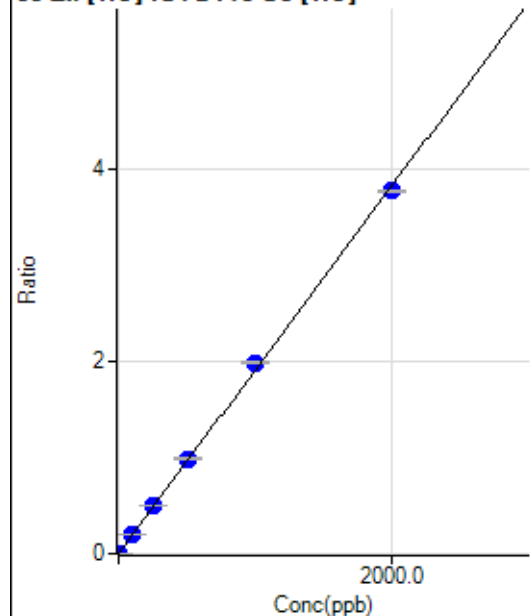
$$R = 0.9996$$

$$DL = 0.05395$$

$$BEC = 0.3531$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	155.56	0.0006	P	33.9
2	☐	0.200					
3	☐	2.000	1.947	1201.18	0.0043	P	2.1
4	☐	100.000	103.789	56369.56	0.1988	P	0.3
5	☐	250.000	263.551	142444.94	0.5039	P	0.7
6	☐	500.000	515.243	278983.64	0.9845	P	1.2
7	☐	1000.000	1037.966	555747.66	1.9828	P	0.8
8	☐	2000.000	1975.323	1080693.64	3.7729	P	0.9
9	☐			6215.87	0.0220	P	1.7

$$y = 0.0019 * x + 5.5043E-004$$

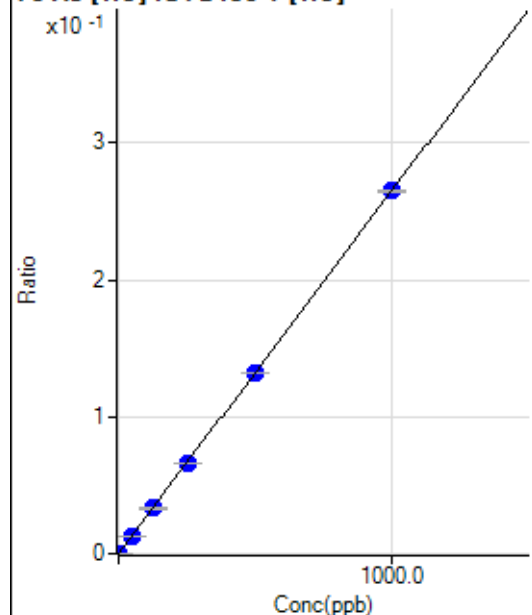
$$R = 0.9997$$

$$DL = 0.293$$

$$BEC = 0.2882$$

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	12.35	0.0000	P	56.4
2	☐	0.100					
3	☐	1.000	0.901	385.19	0.0002	P	9.7
4	☐	50.000	49.535	20687.02	0.0131	P	1.1
5	☐	125.000	124.680	52225.97	0.0330	P	0.3
6	☐	250.000	250.206	103927.85	0.0662	P	0.7
7	☐	500.000	498.284	206725.06	0.1319	P	0.6
8	☐	1000.000	1000.870	417634.92	0.2649	P	0.3
9	☐			713.61	0.0005	P	9.3

$$y = 2.6467\text{E-}004 * x + 7.8359\text{E-}006$$

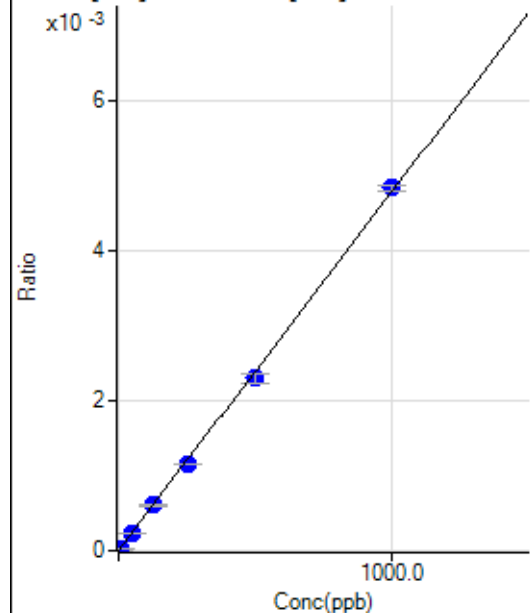
$$R = 1.0000$$

$$DL = 0.05005$$

$$BEC = 0.02961$$

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	6.67	0.0000	P	48.9
2	☐	0.500					
3	☐	5.000	3.137	30.00	0.0000	P	51.4
4	☐	50.000	47.164	362.23	0.0002	P	6.9
5	☐	125.000	126.826	965.61	0.0006	P	5.8
6	☐	250.000	240.967	1813.48	0.0012	P	1.7
7	☐	500.000	480.035	3602.73	0.0023	P	4.8
8	☐	1000.000	1012.164	7632.13	0.0048	P	1.9
9	☐			21.11	0.0000	P	59.8

$$y = 4.7788\text{E-}006 * x + 4.2196\text{E-}006$$

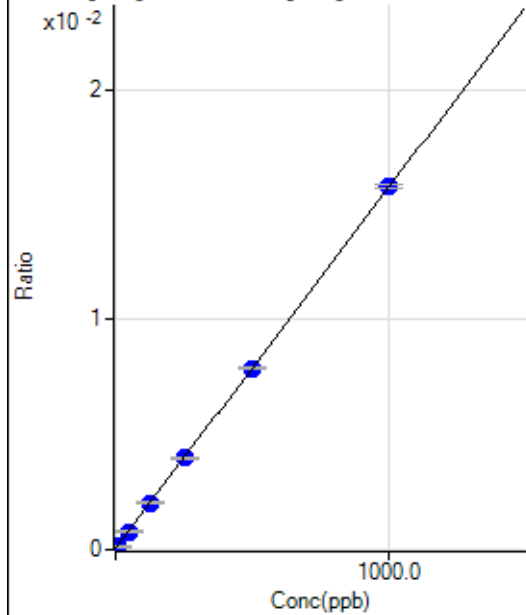
$$R = 0.9997$$

$$DL = 1.296$$

$$BEC = 0.883$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	108.65	0.0001	P	14.4
2	☐	0.500					
3	☐	5.000	3.613	196.92	0.0001	P	14.8
4	☐	50.000	46.147	1249.45	0.0008	P	3.5
5	☐	125.000	125.980	3233.73	0.0020	P	3.6
6	☐	250.000	248.926	6230.39	0.0040	P	1.5
7	☐	500.000	497.281	12324.46	0.0079	P	1.2
8	☐	1000.000	1001.705	24860.87	0.0158	P	1.2
9	☐			143.21	0.0001	P	12.7

$$y = 1.5673\text{E-}005 * x + 6.9171\text{E-}005$$

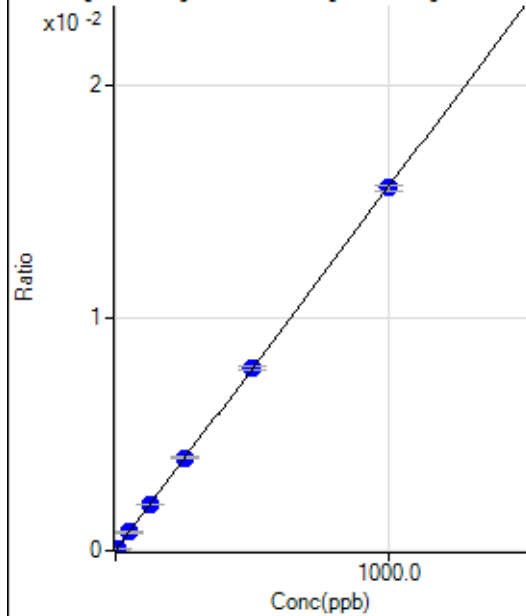
R = 1.0000

DL = 1.901

BEC = 4.413

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	86.63	0.0000	P	67.6
2	☐	0.500					
3	☐	5.000	4.448	741.16	0.0001	P	9.1
4	☐	50.000	49.833	7359.26	0.0008	P	2.0
5	☐	125.000	126.226	18629.93	0.0020	P	0.8
6	☐	250.000	254.756	36965.87	0.0040	P	1.1
7	☐	500.000	502.745	73680.71	0.0079	P	1.6
8	☐	1000.000	997.296	146889.76	0.0156	P	1.2
9	☐			436.32	0.0000	P	22.1

$$y = 1.5628\text{E-}005 * x + 9.1998\text{E-}006$$

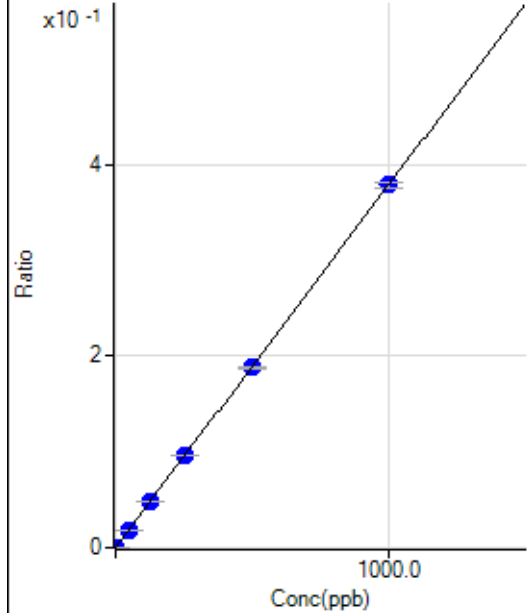
R = 1.0000

DL = 1.194

BEC = 0.5887

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1097.32	0.0001	P	3.3
2	☐	0.100					
3	☐	1.000	0.934	4425.88	0.0005	P	1.4
4	☐	50.000	49.798	177224.28	0.0190	P	0.8
5	☐	125.000	125.733	448714.90	0.0477	P	0.4
6	☐	250.000	253.216	889421.94	0.0960	P	1.1
7	☐	500.000	497.130	1764683.27	0.1884	P	0.7
8	☐	1000.000	1000.550	3570149.60	0.3790	P	1.6
9	☐			102304.93	0.0115	P	1.4

$$y = 3.7872\text{E-}004 * x + 1.1669\text{E-}004$$

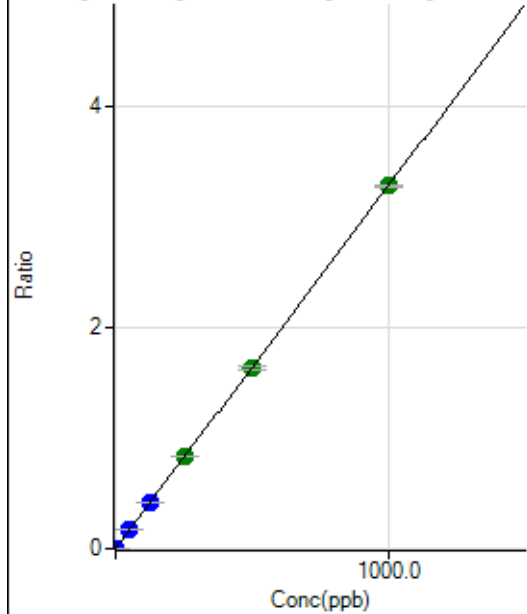
$$R = 1.0000$$

$$DL = 0.03064$$

$$BEC = 0.3081$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	105.56	0.0000	P	23.0
2	☐	0.100					
3	☐	1.000	0.883	27365.87	0.0029	P	1.2
4	☐	50.000	50.662	1552473.16	0.1662	P	0.3
5	☐	125.000	127.885	3944238.89	0.4196	P	0.4
6	☐	250.000	254.647	7739664.67	0.8355	A	0.9
7	☐	500.000	498.338	15315246.70	1.6350	A	1.3
8	☐	1000.000	999.276	30881779.86	3.2786	A	0.6
9	☐			889494.03	0.1000	P	0.0

$$y = 0.0033 * x + 1.1210\text{E-}005$$

$$R = 1.0000$$

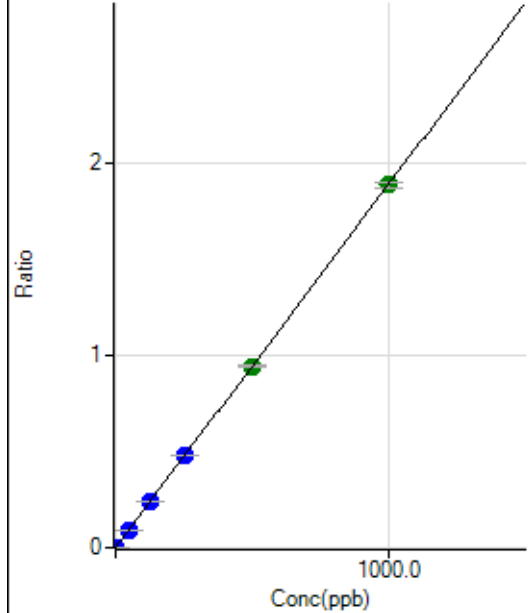
$$DL = 0.00236$$

$$BEC = 0.003417$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	486.14	0.0001	P	10.7
2	☐	0.100					
3	☐	1.000	0.710	13098.17	0.0014	P	2.7
4	☐	50.000	49.297	869774.36	0.0931	P	0.1
5	☐	125.000	126.028	2237328.80	0.2380	P	0.7
6	☐	250.000	254.380	4449729.18	0.4804	P	1.3
7	☐	500.000	499.610	8836833.96	0.9434	A	0.9
8	☐	1000.000	999.007	17767006.13	1.8863	A	1.3
9	☐			3611.73	0.0004	P	3.2

$$y = 0.0019 * x + 5.1743E-005$$

$$R = 1.0000$$

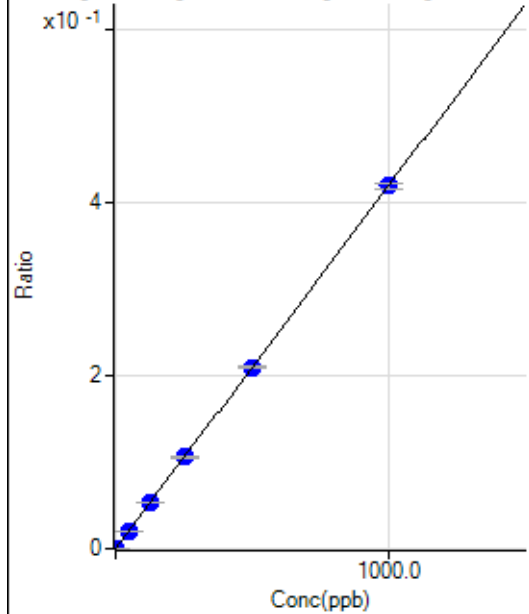
$$DL = 0.008816$$

$$BEC = 0.0274$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	133.34	0.0000	P	39.6
2	☐	0.100					
3	☐	1.000	0.698	2886.56	0.0003	P	6.6
4	☐	50.000	48.806	191158.49	0.0205	P	0.3
5	☐	125.000	126.077	496807.93	0.0529	P	0.8
6	☐	250.000	251.922	978157.64	0.1056	P	1.1
7	☐	500.000	499.193	1959829.80	0.2092	P	0.8
8	☐	1000.000	999.848	3946827.78	0.4190	P	1.5
9	☐			797.28	0.0001	P	0.7

$$y = 4.1909E-004 * x + 1.4207E-005$$

$$R = 1.0000$$

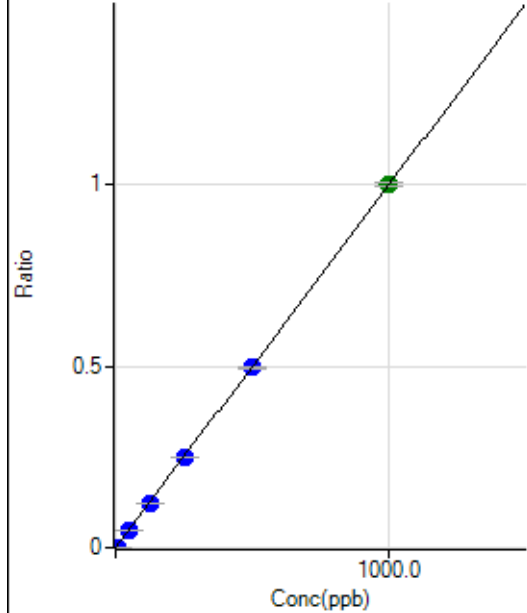
$$DL = 0.04027$$

$$BEC = 0.0339$$

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	219.46	0.0000	P	16.4
2	☐	0.500					
3	☐	5.000	1.825	17372.36	0.0018	P	1.5
4	☐	50.000	48.242	450019.36	0.0482	P	0.4
5	☐	125.000	123.357	1157888.70	0.1232	P	0.4
6	☐	250.000	249.890	2311233.60	0.2495	P	0.9
7	☐	500.000	497.696	4654487.26	0.4969	P	1.0
8	☐	1000.000	1001.489	9417598.13	0.9999	A	1.2
9	☐			19900.74	0.0022	P	2.8

$$y = 9.9836E-004 * x + 2.3369E-005$$

$$R = 1.0000$$

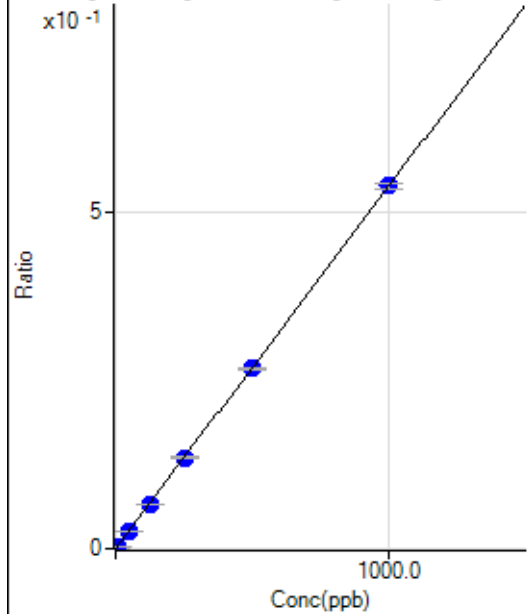
$$DL = 0.01149$$

$$BEC = 0.02341$$

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	80.56	0.0000	P	22.2
2	☐	0.500					
3	☐	5.000	4.340	22006.59	0.0023	P	2.0
4	☐	50.000	48.319	242335.24	0.0259	P	0.2
5	☐	125.000	123.495	623264.18	0.0663	P	1.3
6	☐	250.000	251.259	1249597.42	0.1349	P	0.8
7	☐	500.000	496.558	2497071.04	0.2666	P	1.1
8	☐	1000.000	1001.682	5065005.84	0.5378	P	1.4
9	☐			33136.71	0.0037	P	5.5

$$y = 5.3684E-004 * x + 8.5768E-006$$

$$R = 1.0000$$

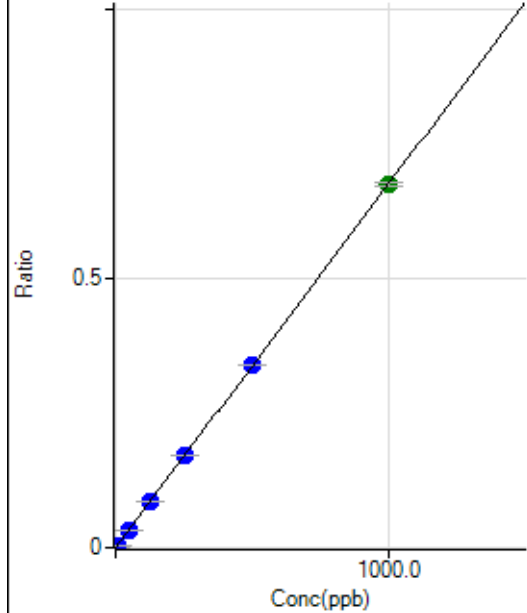
$$DL = 0.01063$$

$$BEC = 0.01598$$

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	119.45	0.0000	P	23.0
2	☐	0.500					
3	☐	5.000	3.916	25022.96	0.0027	P	1.9
4	☐	50.000	48.985	309191.60	0.0331	P	1.1
5	☐	125.000	125.621	797904.72	0.0849	P	0.4
6	☐	250.000	254.011	1589808.31	0.1716	P	1.0
7	☐	500.000	502.648	3181138.13	0.3396	P	0.6
8	☐	1000.000	997.652	6348565.25	0.6740	A	1.1
9	☐			40478.00	0.0045	P	4.6

$$y = 6.7560E-004 * x + 1.2717E-005$$

$$R = 1.0000$$

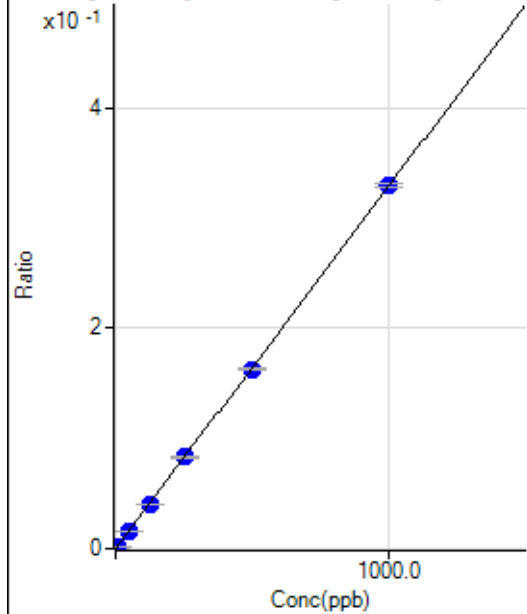
$$DL = 0.01299$$

$$BEC = 0.01882$$

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	75.01	0.0000	P	30.1
2	☐	0.500					
3	☐	5.000	4.434	13804.48	0.0015	P	4.0
4	☐	50.000	48.649	149553.46	0.0160	P	1.5
5	☐	125.000	123.541	382145.71	0.0407	P	1.0
6	☐	250.000	252.918	770903.69	0.0832	P	0.8
7	☐	500.000	495.830	1528129.23	0.1631	P	0.7
8	☐	1000.000	1001.608	3103935.85	0.3295	P	0.9
9	☐			20067.77	0.0023	P	2.6

$$y = 3.2900E-004 * x + 7.9862E-006$$

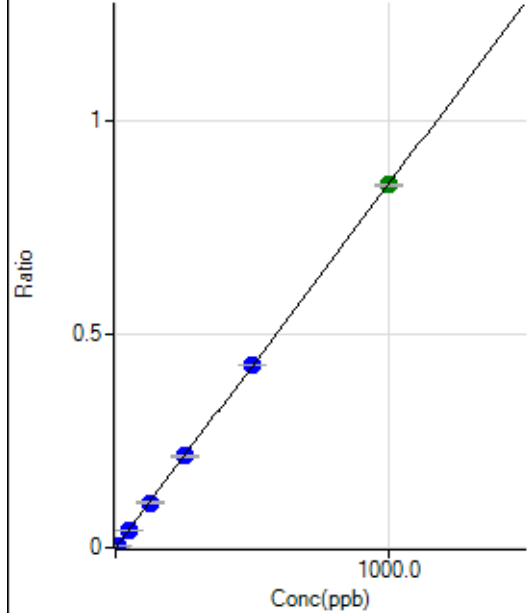
$$R = 1.0000$$

$$DL = 0.0219$$

$$BEC = 0.02427$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	125.01	0.0000	P	7.6
2	☐	0.500					
3	☐	5.000	4.483	35993.85	0.0038	P	1.4
4	☐	50.000	48.760	387199.63	0.0415	P	1.1
5	☐	125.000	124.177	992343.74	0.1056	P	1.4
6	☐	250.000	252.455	1987962.37	0.2146	P	0.9
7	☐	500.000	502.436	4000608.29	0.4271	P	0.9
8	☐	1000.000	998.336	7993240.46	0.8486	A	0.6
9	☐			52250.06	0.0059	P	4.4

$$y = 8.5002\text{E-}004 * x + 1.3302\text{E-}005$$

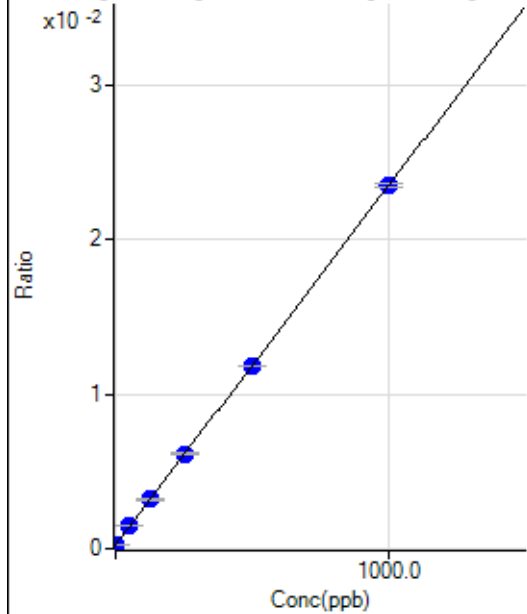
$$R = 1.0000$$

$$DL = 0.003545$$

$$BEC = 0.01565$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2458.66	0.0002	P	6.0
2	☐	0.100					
3	☐	1.000	1.222	2844.85	0.0003	P	2.7
4	☐	50.000	51.671	15531.47	0.0014	P	0.3
5	☐	125.000	126.955	34751.93	0.0032	P	2.4
6	☐	250.000	253.110	66216.47	0.0061	P	2.3
7	☐	500.000	498.247	127780.16	0.0118	P	0.9
8	☐	1000.000	999.771	256586.38	0.0235	P	1.2
9	☐			2494.78	0.0002	P	5.5

$$y = 2.3247\text{E-}005 * x + 2.3279\text{E-}004$$

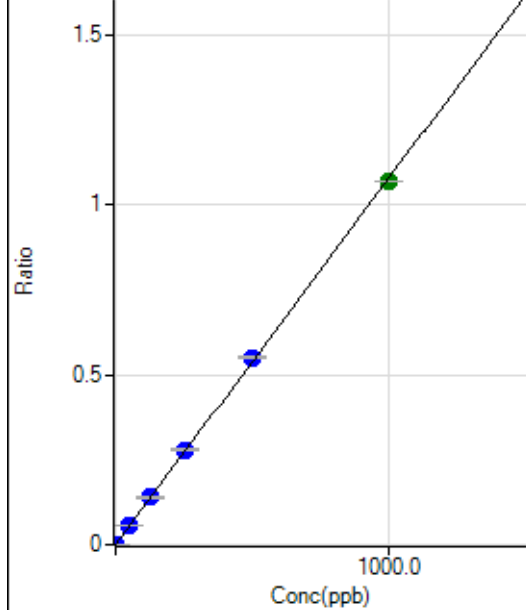
$$R = 1.0000$$

$$DL = 1.81$$

$$BEC = 10.01$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	102.79	0.0000	P	20.4
2	☐	0.100					
3	☐	1.000	0.970	11482.94	0.0011	P	1.0
4	☐	50.000	51.544	601055.65	0.0555	P	1.9
5	☐	125.000	129.434	1520943.38	0.1394	P	2.0
6	☐	250.000	258.683	3014990.85	0.2785	P	1.4
7	☐	500.000	512.080	5962337.72	0.5513	P	0.5
8	☐	1000.000	991.158	11663721.79	1.0671	A	0.1
9	☐			822.28	0.0001	P	16.1

$$y = 0.0011 * x + 9.7306E-006$$

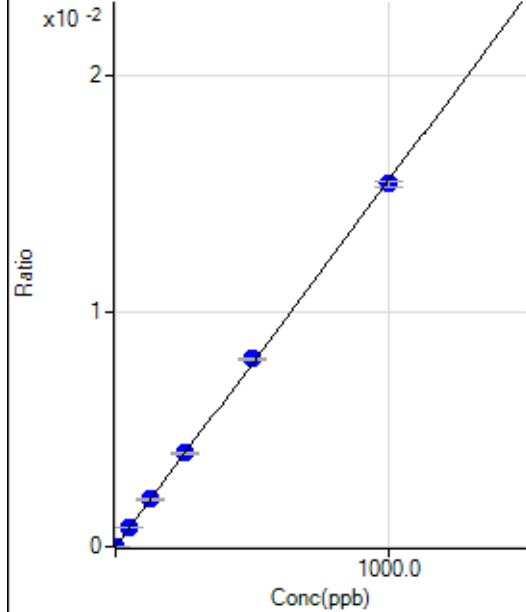
$$R = 0.9998$$

$$DL = 0.005538$$

$$BEC = 0.009039$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	12.50	0.0000	P	0.7
2	☐	0.100					
3	☐	1.000	0.915	168.06	0.0000	P	12.7
4	☐	50.000	52.384	8843.20	0.0008	P	1.4
5	☐	125.000	128.731	21882.43	0.0020	P	2.0
6	☐	250.000	256.370	43211.78	0.0040	P	1.7
7	☐	500.000	513.718	86486.88	0.0080	P	0.8
8	☐	1000.000	990.963	168607.16	0.0154	P	1.4
9	☐			61.11	0.0000	P	18.4

$$y = 1.5565E-005 * x + 1.1832E-006$$

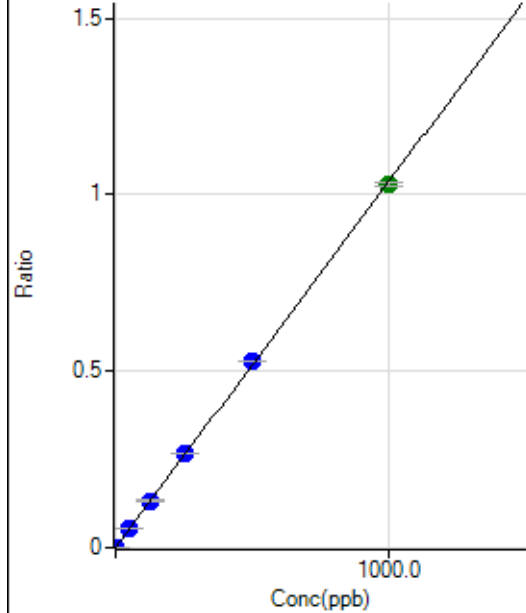
$$R = 0.9998$$

$$DL = 0.001642$$

$$BEC = 0.07602$$

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	61.11	0.0000	P	54.9
2	☐	0.100					
3	☐	1.000	0.986	11185.44	0.0010	P	3.0
4	☐	50.000	51.732	580154.17	0.0536	P	1.2
5	☐	125.000	128.768	1455303.26	0.1333	P	1.3
6	☐	250.000	258.446	2897222.29	0.2676	P	0.6
7	☐	500.000	510.163	5712654.29	0.5282	P	0.6
8	☐	1000.000	992.249	11229508.76	1.0274	A	1.2
9	☐			830.62	0.0001	P	3.7

$$y = 0.0010 * x + 5.7834E-006$$

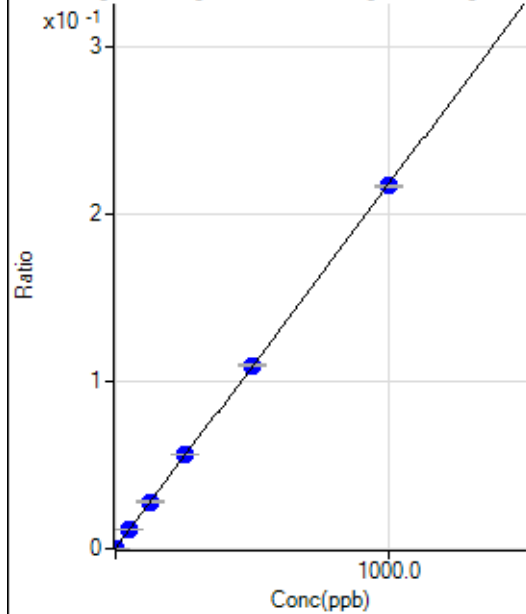
$$R = 0.9999$$

$$DL = 0.009194$$

$$BEC = 0.005586$$

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	1728.98	0.0002	P	6.2
2	☐	0.100					
3	☐	1.000	0.952	4040.64	0.0004	P	5.2
4	☐	50.000	51.234	122607.11	0.0113	P	1.9
5	☐	125.000	128.643	307578.73	0.0282	P	1.5
6	☐	250.000	257.606	609123.49	0.0563	P	0.9
7	☐	500.000	503.131	1186701.60	0.1097	P	0.9
8	☐	1000.000	996.016	2372692.17	0.2171	P	0.7
9	☐			2338.31	0.0002	P	7.5

$$y = 2.1777E-004 * x + 1.6370E-004$$

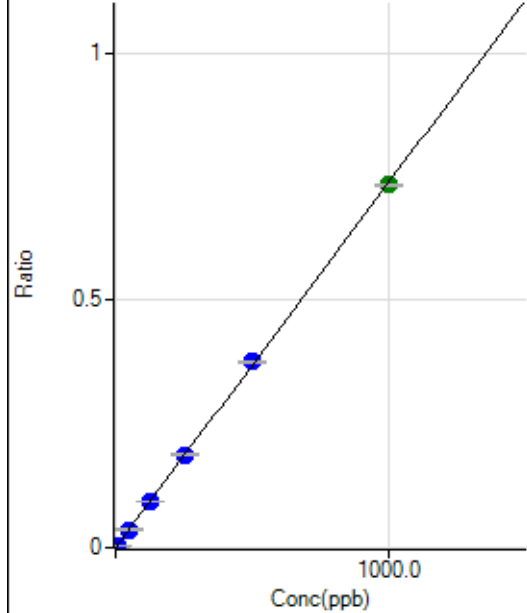
$$R = 1.0000$$

$$DL = 0.1396$$

$$BEC = 0.7517$$

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	813.95	0.0001	P	2.9
2	☐	0.500					
3	☐	5.000	4.610	37857.66	0.0035	P	0.6
4	☐	50.000	49.896	399228.67	0.0369	P	1.1
5	☐	125.000	126.428	1018194.98	0.0933	P	1.5
6	☐	250.000	254.822	2034661.26	0.1879	P	1.2
7	☐	500.000	509.061	4059360.72	0.3754	P	1.4
8	☐	1000.000	994.093	8011736.12	0.7330	A	0.4
9	☐			9681.56	0.0010	P	8.6

$$y = 7.3724\text{E-}004 * x + 7.7041\text{E-}005$$

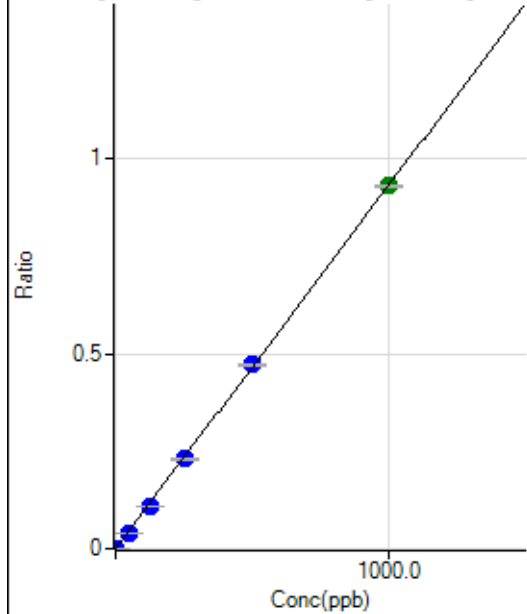
$$R = 0.9999$$

$$DL = 0.009066$$

$$BEC = 0.1045$$

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	44.45	0.0000	P	47.1
2	☐	0.200					
3	☐	2.000	1.748	17767.60	0.0016	P	2.9
4	☐	50.000	41.154	414987.67	0.0383	P	0.5
5	☐	125.000	117.423	1193170.99	0.1093	P	0.7
6	☐	250.000	246.608	2485276.44	0.2296	P	1.3
7	☐	500.000	506.272	5096640.57	0.4713	P	1.0
8	☐	1000.000	999.102	10165983.56	0.9300	A	0.6
9	☐			39829.93	0.0039	P	9.0

$$y = 9.3088\text{E-}004 * x + 4.2083\text{E-}006$$

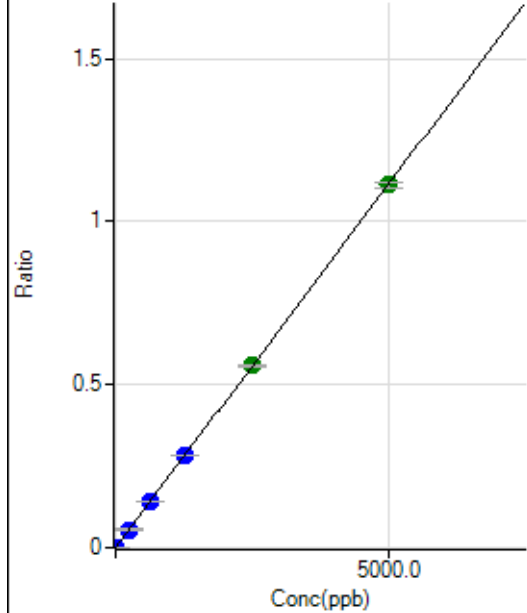
$$R = 0.9999$$

$$DL = 0.006387$$

$$BEC = 0.004521$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22.22	0.0000	P	114.
2	☐	1.000					
3	☐	10.000	9.137	22198.98	0.0020	P	4.0
4	☐	250.000	250.336	604297.91	0.0558	P	1.4
5	☐	625.000	628.974	1530215.26	0.1402	P	1.0
6	☐	1250.000	1269.288	3062894.40	0.2829	P	0.7
7	☐	2500.000	2505.445	6038967.37	0.5584	A	1.5
8	☐	5000.000	4991.943	12161488.90	1.1126	A	1.5
9	☐			3592.29	0.0004	P	6.7

$$y = 2.2288\text{E-}004 * x + 2.1041\text{E-}006$$

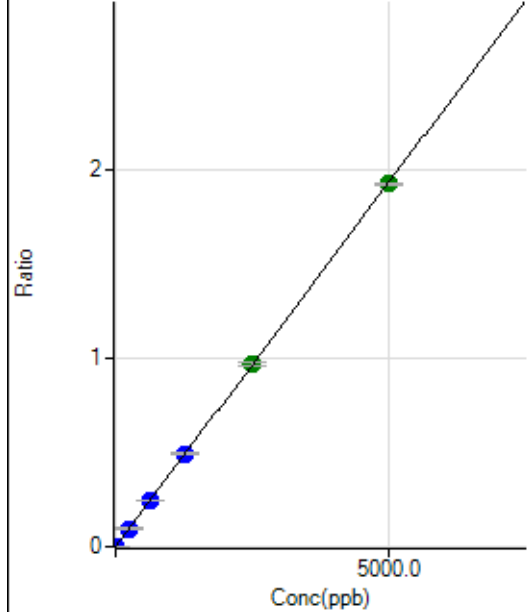
$$R = 1.0000$$

$$DL = 0.03234$$

$$BEC = 0.00944$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25.00	0.0000	P	58.5
2	☐	1.000					
3	☐	10.000	9.075	38167.51	0.0035	P	3.1
4	☐	250.000	250.218	1045803.34	0.0966	P	1.3
5	☐	625.000	634.766	2673784.00	0.2450	P	1.4
6	☐	1250.000	1281.004	5352246.43	0.4944	P	0.6
7	☐	2500.000	2509.853	10474378.01	0.9686	A	1.3
8	☐	5000.000	4986.093	21032563.32	1.9242	A	0.8
9	☐			5745.92	0.0006	P	4.8

$$y = 3.8591\text{E-}004 * x + 2.3731\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.01079$$

$$BEC = 0.006149$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	0.0
2	☐						
3	☐			4.44		P	173.
4	☐			51.12		P	7.5
5	☐			93.34		P	32.7
6	☐			122.23		P	25.8
7	☐			204.45		P	21.7
8	☐			568.92		P	7.1
9	☐			106.67		P	6.3

150 Nd [He] No available calibration points

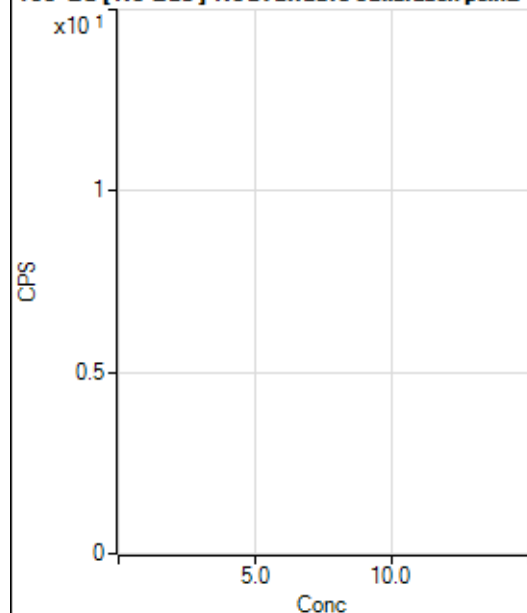
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			1.11		P	173.
4	☐			3.33		P	100.
5	☐			7.78		P	65.5
6	☐			12.22		P	15.7
7	☐			28.89		P	35.2
8	☐			74.45		P	9.3
9	☐			70.00		P	29.0

156 Dy [No Gas] No available calibration points

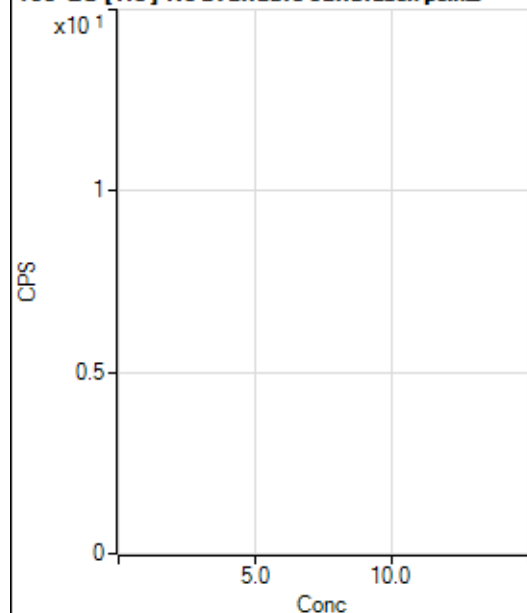
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	173.
2	☐						
3	☐			11.11		P	114.
4	☐			11.11		P	43.3
5	☐			16.66		P	86.6
6	☐			30.56		P	41.7
7	☐			44.45		P	39.0
8	☐			177.79		P	16.5
9	☐			155.56		P	16.4

156 Dy [He] No available calibration points

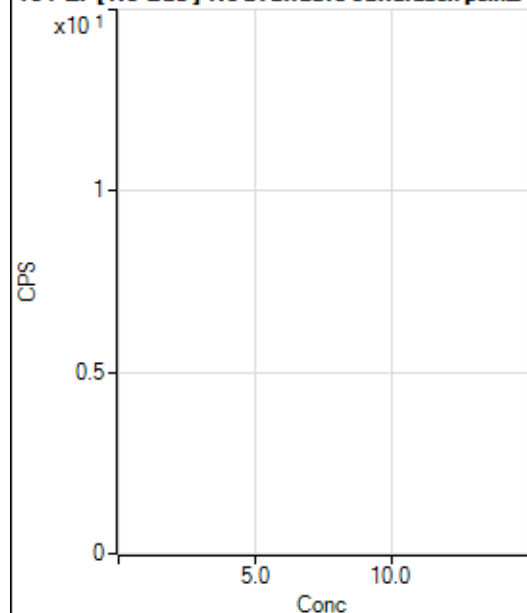
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐						
3	☐			4.45		P	86.6
4	☐			4.44		P	114.
5	☐			7.78		P	65.5
6	☐			8.89		P	21.6
7	☐			21.11		P	36.5
8	☐			37.78		P	5.1
9	☐			65.56		P	24.0

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

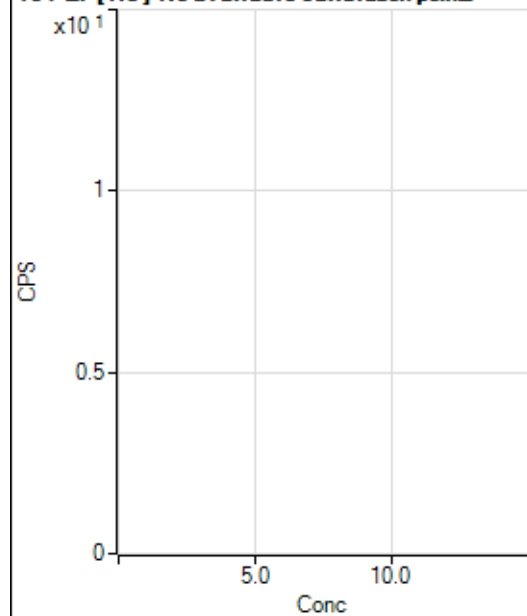
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			58.34		P	24.7
2	☐						
3	☐			55.56		P	34.6
4	☐			80.56		P	26.0
5	☐			52.78		P	9.1
6	☐			63.89		P	27.2
7	☐			75.00		P	40.1
8	☐			94.45		P	53.9
9	☐			138.90		P	21.1

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			24.44		P	39.4
2	☐						
3	☐			20.00		P	16.7
4	☐			27.78		P	6.9
5	☐			43.33		P	35.3
6	☐			26.67		P	37.5
7	☐			42.22		P	44.9
8	☐			50.00		P	6.7
9	☐			85.56		P	19.6

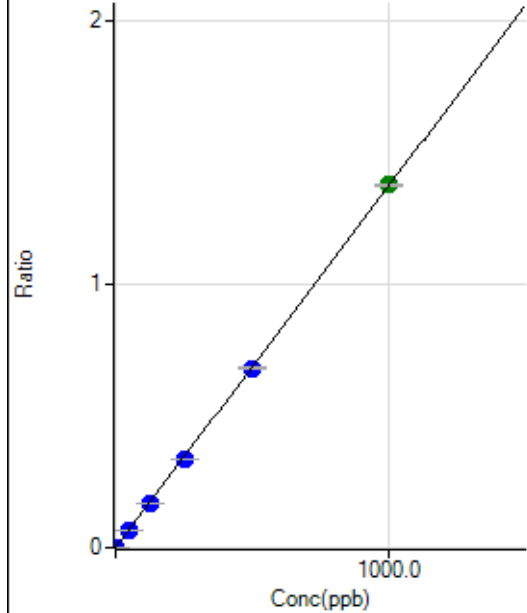
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			41.67		P	20.0
2	☐						
3	☐			33.34		P	66.1
4	☐			36.11		P	58.1
5	☐			44.45		P	10.8
6	☐			50.00		P	60.1
7	☐			41.67		P	34.7
8	☐			58.33		P	51.5
9	☐			77.78		P	30.9

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			23.33		P	57.2
2	☐						
3	☐			36.67		P	9.1
4	☐			14.45		P	48.0
5	☐			16.67		P	20.0
6	☐			20.00		P	44.1
7	☐			31.11		P	53.9
8	☐			16.67		P	20.0
9	☐			46.67		P	7.1

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66.67	0.0000	P	21.0
2	☐	0.100					
3	☐	1.000	0.934	8044.49	0.0013	P	5.5
4	☐	50.000	48.582	420175.19	0.0668	P	1.1
5	☐	125.000	122.285	1071616.34	0.1681	P	0.7
6	☐	250.000	245.439	2132223.46	0.3373	P	0.3
7	☐	500.000	495.929	4261037.64	0.6816	P	1.1
8	☐	1000.000	1003.586	8451685.69	1.3793	A	0.4
9	☐			3745.15	0.0007	P	5.9

$$y = 0.0014 * x + 1.0784E-005$$

$$R = 1.0000$$

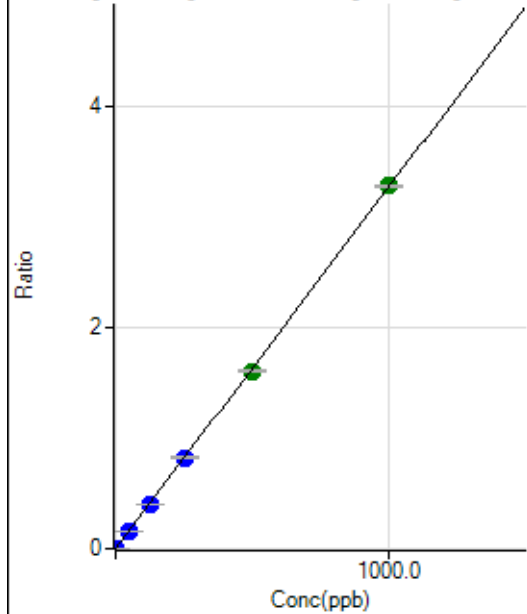
$$DL = 0.00495$$

$$BEC = 0.007847$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	138.90	0.0000	P	11.8
2	☐	0.100					
3	☐	1.000	0.915	18672.10	0.0030	P	0.7
4	☐	50.000	49.237	1010296.95	0.1606	P	0.5
5	☐	125.000	124.451	2587320.76	0.4058	P	0.3
6	☐	250.000	252.089	5195395.12	0.8220	P	1.1
7	☐	500.000	490.129	9991418.97	1.5982	A	1.0
8	☐	1000.000	1004.520	20070131.53	3.2754	A	0.7
9	☐			8864.46	0.0017	P	4.4

$$y = 0.0033 * x + 2.2479E-005$$

$$R = 0.9999$$

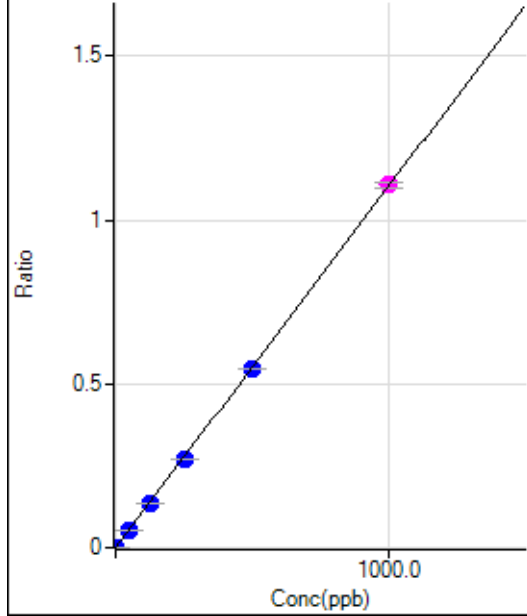
$$DL = 0.002431$$

$$BEC = 0.006894$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	453.73	0.0001	P	18.8
2	☐	0.100					
3	☐	1.000	0.938	6881.63	0.0011	P	6.4
4	☐	50.000	48.810	338964.45	0.0539	P	0.8
5	☐	125.000	122.452	860960.00	0.1350	P	0.2
6	☐	250.000	245.457	1710502.25	0.2706	P	0.5
7	☐	500.000	494.877	3410463.47	0.5455	P	0.6
8	☐	1000.000	1004.075	6781572.49	1.1068	M	1.8
9	☐			13199.49	0.0025	P	3.8

$$y = 0.0011 * x + 7.3411E-005$$

$$R = 1.0000$$

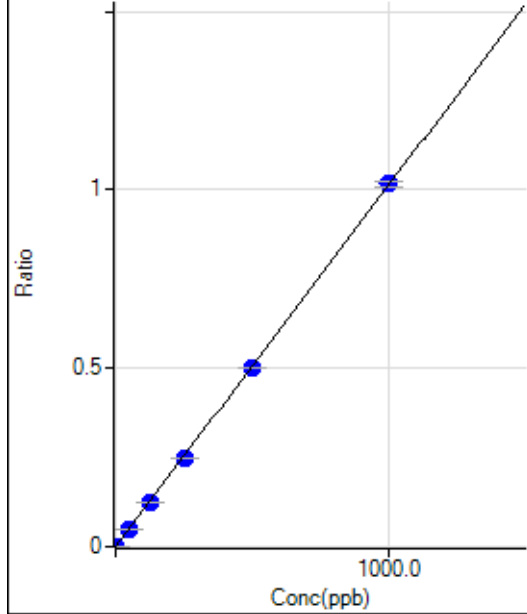
$$DL = 0.03761$$

$$BEC = 0.0666$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	353.72	0.0001	P	7.5
2	☐	0.100					
3	☐	1.000	0.933	6229.41	0.0010	P	3.8
4	☐	50.000	49.005	312694.53	0.0497	P	1.3
5	☐	125.000	122.972	794564.68	0.1246	P	0.7
6	☐	250.000	244.962	1568755.49	0.2482	P	1.1
7	☐	500.000	495.420	3137749.75	0.5019	P	0.6
8	☐	1000.000	1003.853	6231285.50	1.0169	P	1.5
9	☐			11592.42	0.0022	P	3.6

$$y = 0.0010 * x + 5.7268E-005$$

$$R = 1.0000$$

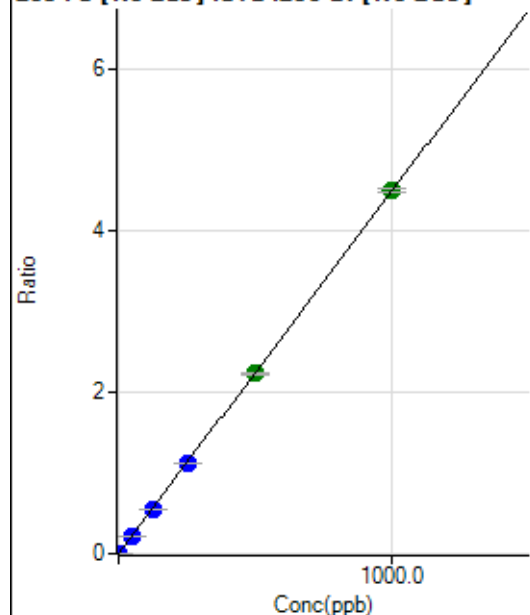
$$DL = 0.01277$$

$$BEC = 0.05653$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1731.58	0.0003	P	6.6
2	☐	0.100					
3	☐	1.000	0.933	27765.86	0.0045	P	2.1
4	☐	50.000	49.095	1388800.18	0.2207	P	0.7
5	☐	125.000	124.101	3554469.06	0.5575	P	0.5
6	☐	250.000	248.080	7042587.62	1.1142	P	0.5
7	☐	500.000	497.380	13963624.79	2.2336	A	0.8
8	☐	1000.000	1001.948	27568282.15	4.4992	A	1.2
9	☐			52387.84	0.0099	P	3.5

$$y = 0.0045 * x + 2.8030E-004$$

$$R = 1.0000$$

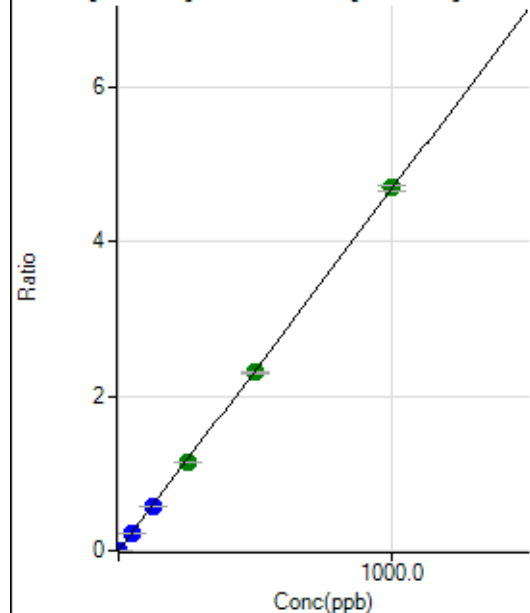
$$DL = 0.01237$$

$$BEC = 0.06242$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	158.34	0.0000	P	10.2
2	☐	0.100					
3	☐	1.000	0.944	27591.34	0.0044	P	1.3
4	☐	50.000	48.287	1421224.91	0.2259	P	1.8
5	☐	125.000	123.259	3675959.85	0.5766	P	1.4
6	☐	250.000	245.719	7264579.94	1.1494	A	1.3
7	☐	500.000	493.707	14437106.75	2.3094	A	1.6
8	☐	1000.000	1004.520	28789828.42	4.6987	A	1.5
9	☐			4698.29	0.0009	P	8.7

$$y = 0.0047 * x + 2.5636E-005$$

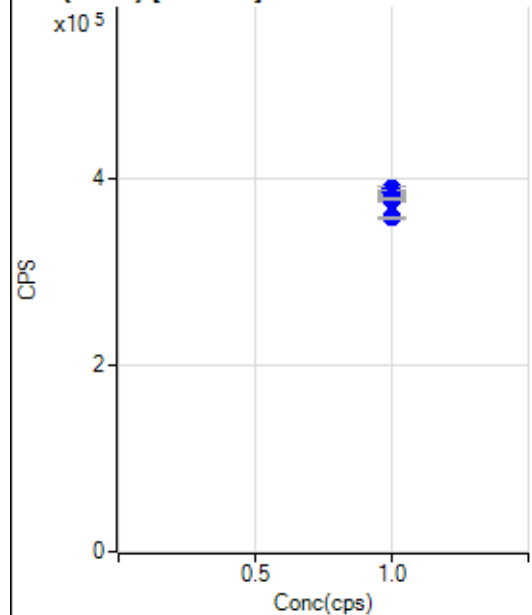
$$R = 1.0000$$

$$DL = 0.001681$$

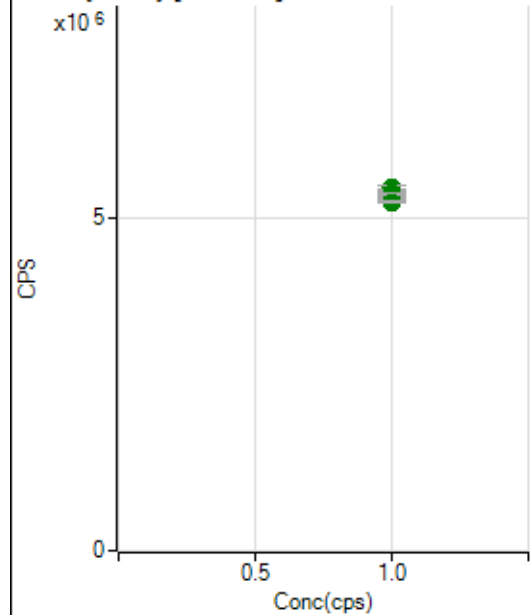
$$BEC = 0.005481$$

Weight: <None>

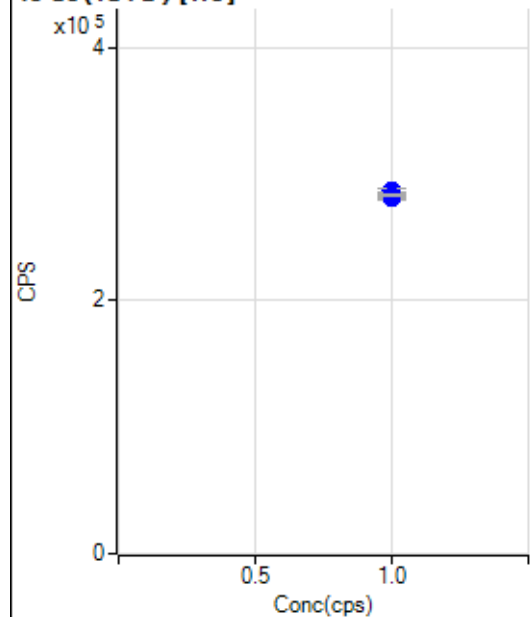
Min Conc: 0

6 Li (ISTD) [No Gas]

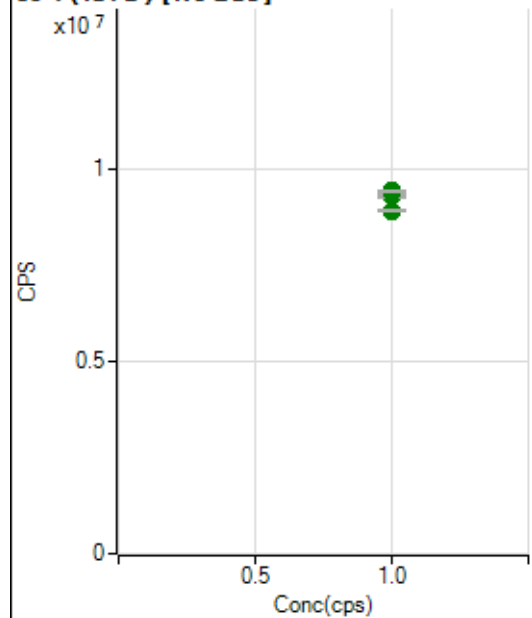
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		377587.11		P	0.6
2	☐	1.000					
3	☐	1.000		381061.21		P	0.4
4	☐	1.000		385353.99		P	0.1
5	☐	1.000		389554.32		P	1.2
6	☐	1.000		386368.06		P	0.8
7	☐	1.000		379337.73		P	1.2
8	☐	1.000		378683.54		P	0.6
9	☐	1.000		359020.18		P	0.7

45 Sc (ISTD) [No Gas]

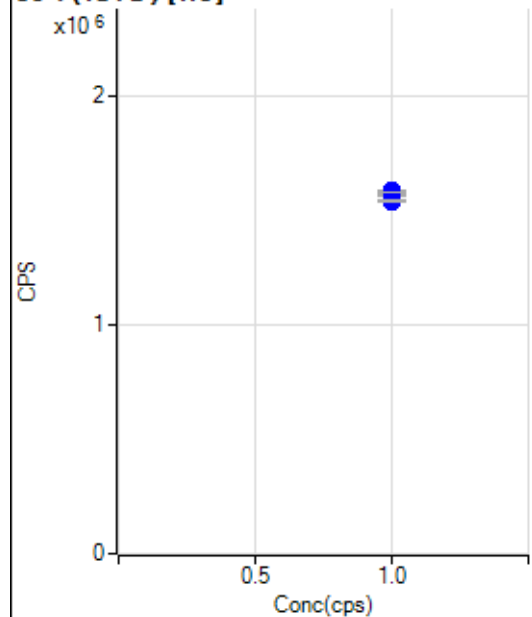
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5368224.90		A	1.2
2	☐	1.000					
3	☐	1.000		5385329.33		A	0.9
4	☐	1.000		5464077.77		A	1.0
5	☐	1.000		5396039.70		A	0.6
6	☐	1.000		5391355.85		A	0.4
7	☐	1.000		5309115.14		A	0.3
8	☐	1.000		5371787.14		A	0.5
9	☐	1.000		5250659.10		A	0.8

45 Sc (ISTD) [He]

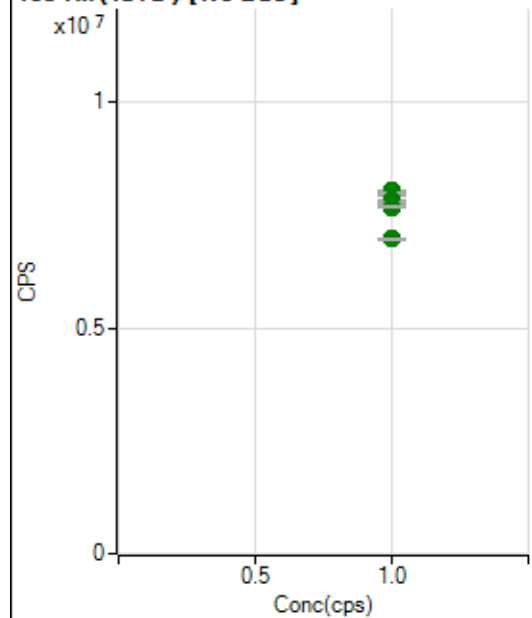
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		281775.00		P	1.5
2	☐	1.000					
3	☐	1.000		281446.07		P	0.1
4	☐	1.000		283607.52		P	0.7
5	☐	1.000		282717.58		P	1.0
6	☐	1.000		283393.05		P	1.3
7	☐	1.000		280282.40		P	0.2
8	☐	1.000		286448.99		P	1.1
9	☐	1.000		282704.16		P	0.5

89 Y (ISTD) [No Gas]

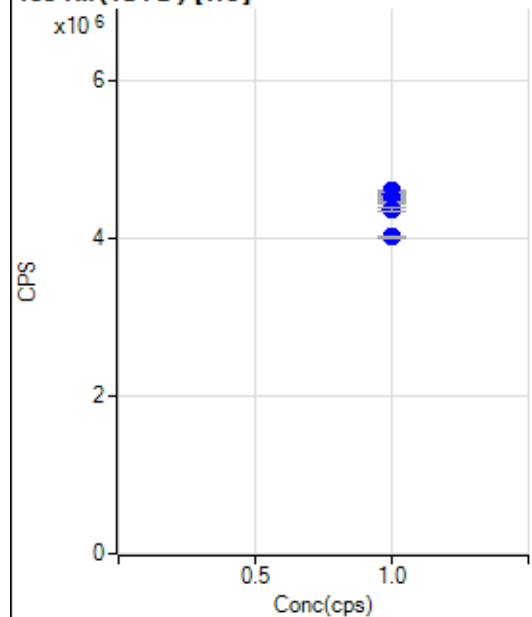
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9402408.75		A	1.1
2	☐	1.000					
3	☐	1.000		9412122.08		A	0.6
4	☐	1.000		9339147.15		A	0.1
5	☐	1.000		9400144.93		A	0.5
6	☐	1.000		9263885.69		A	0.9
7	☐	1.000		9367436.18		A	0.7
8	☐	1.000		9419451.25		A	0.8
9	☐	1.000		8896186.53		A	0.5

89 Y(ISTD) [He]

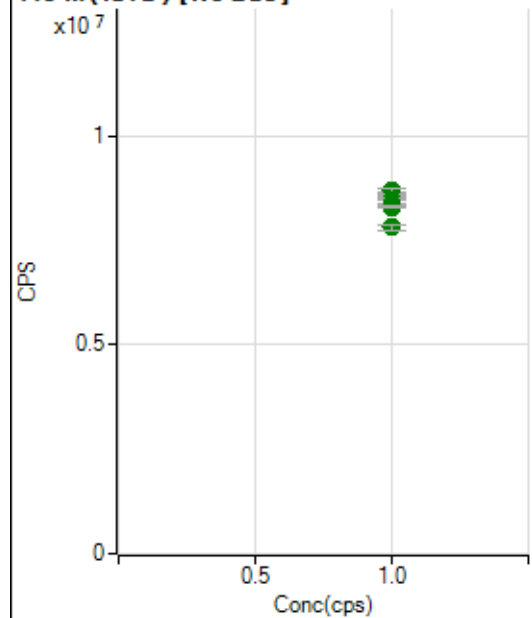
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1572585.43		P	1.5
2	☐	1.000					
3	☐	1.000		1564766.89		P	0.6
4	☐	1.000		1576993.28		P	1.0
5	☐	1.000		1582265.79		P	0.4
6	☐	1.000		1569172.84		P	0.5
7	☐	1.000		1567405.64		P	0.5
8	☐	1.000		1576499.06		P	0.5
9	☐	1.000		1538397.86		P	0.3

103 Rh(ISTD) [No Gas]

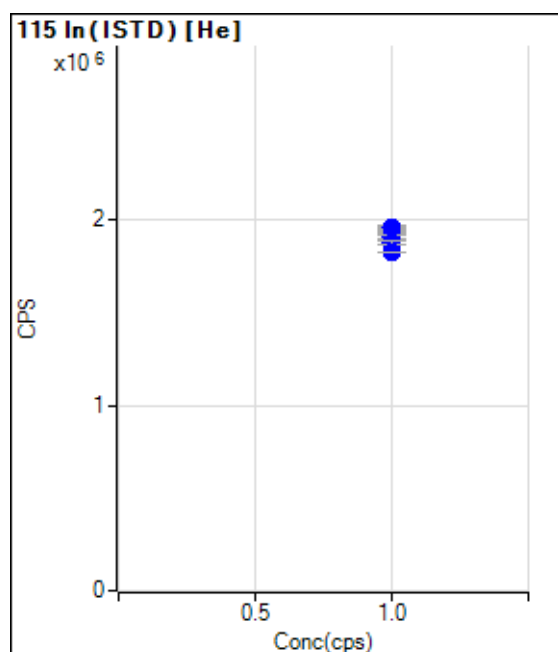
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7962673.96		A	1.0
2	☐	1.000					
3	☐	1.000		8031329.87		A	0.2
4	☐	1.000		7962047.05		A	0.4
5	☐	1.000		7984463.29		A	0.9
6	☐	1.000		7826483.16		A	0.5
7	☐	1.000		7765631.60		A	0.6
8	☐	1.000		7674756.42		A	0.7
9	☐	1.000		6969608.66		A	0.3

103 Rh (ISTD) [He]

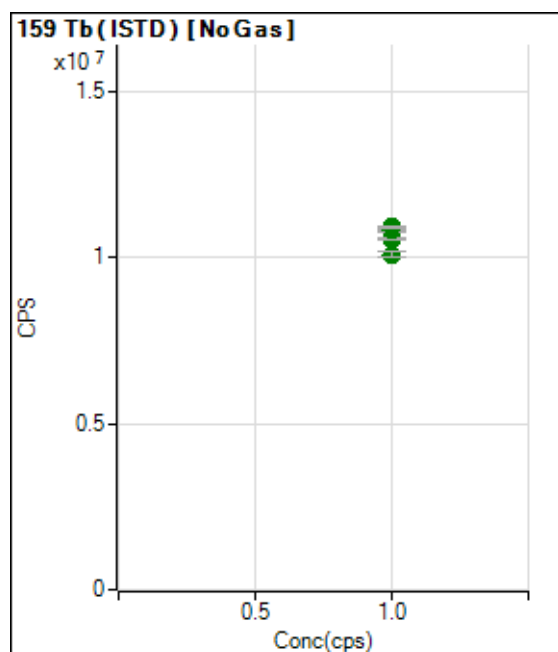
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4593061.70		P	0.1
2	☐	1.000					
3	☐	1.000		4550014.38		P	0.7
4	☐	1.000		4576376.14		P	0.7
5	☐	1.000		4552096.91		P	0.6
6	☐	1.000		4495357.40		P	0.2
7	☐	1.000		4449407.50		P	0.8
8	☐	1.000		4368713.93		P	1.1
9	☐	1.000		4010378.76		P	0.4

115 In (ISTD) [No Gas]

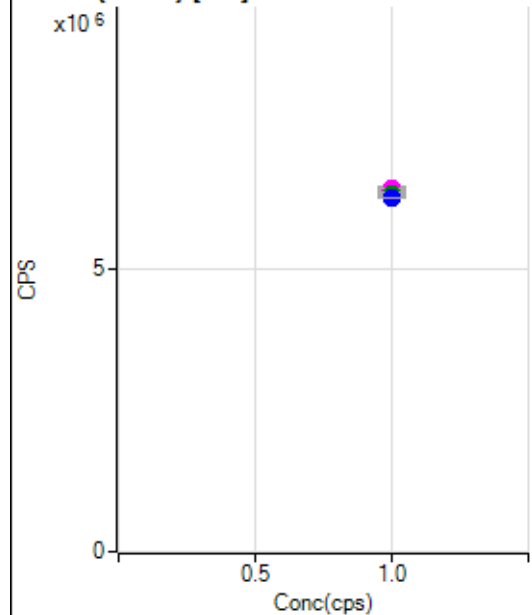
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8640733.03		A	0.6
2	☐	1.000					
3	☐	1.000		8642367.30		A	0.7
4	☐	1.000		8597460.26		A	0.3
5	☐	1.000		8689865.41		A	1.8
6	☐	1.000		8492885.62		A	0.9
7	☐	1.000		8374339.32		A	0.2
8	☐	1.000		8313620.99		A	0.4
9	☐	1.000		7811836.96		A	1.3



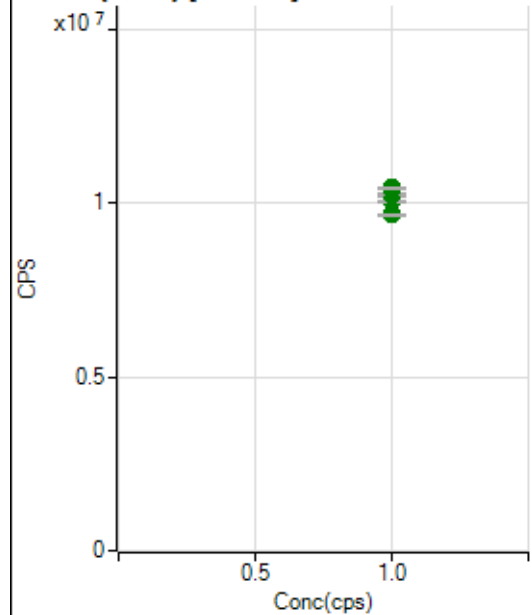
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1956222.29		P	0.7
2	☐	1.000					
3	☐	1.000		1936088.92		P	0.9
4	☐	1.000		1957330.04		P	1.0
5	☐	1.000		1951868.19		P	0.3
6	☐	1.000		1924699.49		P	0.7
7	☐	1.000		1908592.12		P	0.7
8	☐	1.000		1880762.79		P	1.0
9	☐	1.000		1825191.12		P	0.4



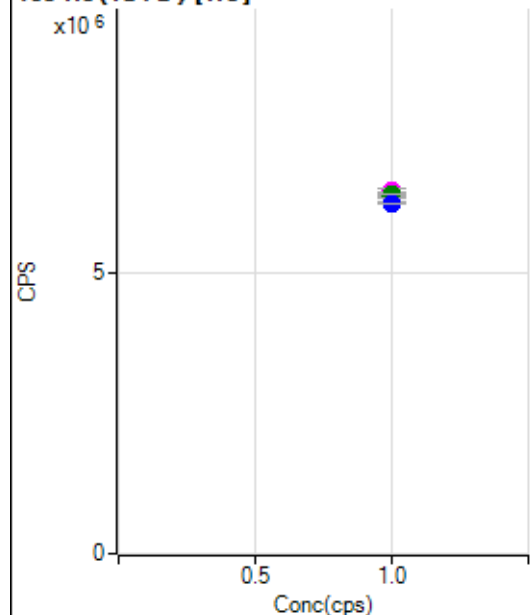
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10564837.07		A	0.7
2	☐	1.000					
3	☐	1.000		10893380.53		A	1.3
4	☐	1.000		10831050.95		A	1.0
5	☐	1.000		10915804.98		A	1.0
6	☐	1.000		10826909.84		A	1.1
7	☐	1.000		10815189.84		A	1.2
8	☐	1.000		10930812.06		A	0.6
9	☐	1.000		10104143.88		A	1.5

159 Tb (ISTD) [He]

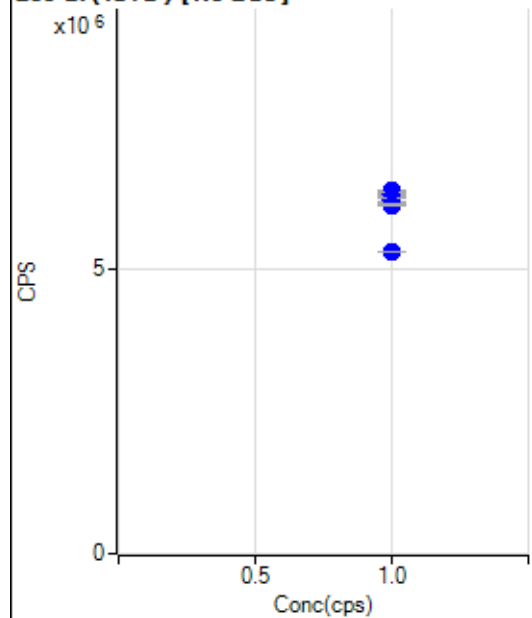
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6327574.42		A	0.2
2	☐	1.000					
3	☐	1.000		6367824.56		M	0.7
4	☐	1.000		6359216.71		A	1.5
5	☐	1.000		6382924.14		A	1.0
6	☐	1.000		6421060.18		M	1.6
7	☐	1.000		6391284.00		M	1.7
8	☐	1.000		6340460.74		A	0.7
9	☐	1.000		6257615.18		P	0.1

165 Ho (ISTD) [No Gas]

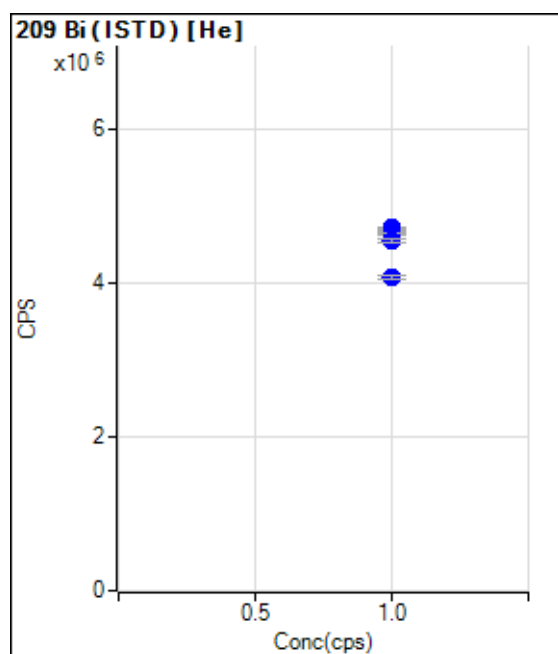
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10063619.32		A	0.5
2	☐	1.000					
3	☐	1.000		10237065.59		A	0.7
4	☐	1.000		10227212.38		A	0.6
5	☐	1.000		10443724.71		A	0.8
6	☐	1.000		10267262.56		A	0.4
7	☐	1.000		10240182.26		A	0.2
8	☐	1.000		10407995.46		A	0.5
9	☐	1.000		9661433.37		A	0.3

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6444439.97		M	0.1
2	☐	1.000					
3	☐	1.000		6329619.63		M	2.0
4	☐	1.000		6471283.72		M	1.6
5	☐	1.000		6404943.65		A	0.2
6	☐	1.000		6393691.29		A	0.1
7	☐	1.000		6359943.38		A	0.5
8	☐	1.000		6381882.13		A	0.7
9	☐	1.000		6231605.33		P	0.1

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6175576.30		P	0.8
2	☐	1.000					
3	☐	1.000		6213998.66		P	0.8
4	☐	1.000		6292311.64		P	0.9
5	☐	1.000		6375646.85		P	0.6
6	☐	1.000		6320926.50		P	1.0
7	☐	1.000		6251696.43		P	0.4
8	☐	1.000		6127571.37		P	0.6
9	☐	1.000		5304991.66		P	0.1



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4677868.37		P	1.0
2	☐	1.000					
3	☐	1.000		4642627.64		P	1.4
4	☐	1.000		4700653.16		P	0.6
5	☐	1.000		4713567.92		P	0.5
6	☐	1.000		4685384.10		P	0.2
7	☐	1.000		4642653.58		P	0.2
8	☐	1.000		4546203.06		P	0.8
9	☐	1.000		4076122.26		P	0.9

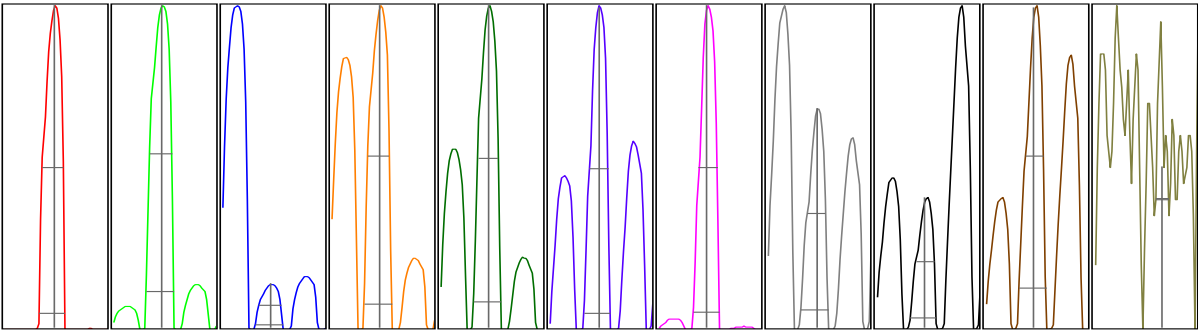
US EPA Tune Check Sample Report

Batch Folder D:\ICP-MS Data\P7011717-MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]				
Mass	Count	RSD%	RSD%	RSD%
	(Mean)	(Actual)	(Required)	(Flag)
9	24559	2.03	5.00	
24	4860111	1.34	5.00	
25	659137	1.43	5.00	
26	769196	0.99	5.00	
59	502660	0.97	5.00	
113	112833	0.86	5.00	
115	1987572	0.58	5.00	
206	162811	1.17	5.00	
207	143297	1.10	5.00	
208	341905	1.22	5.00	
220	5	35.50		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	24002	24412	24290	24805	25286
24	4796463	4821862	4833469	4889833	4958930
25	647244	656169	656471	663236	672565
26	762474	764536	763978	777106	777888
59	500299	499196	498080	508930	506793
113	112650	111440	112641	114017	113417
115	1986107	1976411	1976446	1999787	1999108
206	159609	162577	164371	163963	163536
207	141484	142048	143332	144278	145345
208	335576	339840	343544	345077	345488
220	6	3	5	7	7

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	4298	9.00	8.9 - 9.1		0.740	0.900	
24	790198	23.95	23.9 - 24.1		0.801	0.900	
25	108977	24.95	24.9 - 25.1		0.790	0.900	
26	129555	25.95	25.9 - 26.1		0.808	0.900	
59	87551	58.95	58.9 - 59.1		0.795	0.900	
113	21393	113.00	112.9 - 113.1		0.762	0.900	
115	382404	114.95	114.9 - 115.1		0.754	0.900	
206	30405	206.00	205.9 - 206.1		0.788	0.900	
207	26292	206.95	206.9 - 207.1		0.741	0.900	
208	64443	207.95	207.9 - 208.1		0.771	0.900	
220	1	220.50	-		0.335		

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

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
RF Power	1600	W	Carrier Gas	0.80	L/min			
RF Matching	1.80	V	Option Gas	0.0	%			
Smpl Depth	10.0	mm	Nebulizer Pump	0.10	rps			
S/C Temp	2	°C						

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	7.4	V			
Extract 2	-200.0	V	Cell Entrance	-30	V			
Omega Bias	-85	V	Cell Exit	-50	V			
Deflect	14.6	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	RSD%	RSD%
	(Mean)	(Actual)	(Required)
59	157975	0.36	
89	14685	1.49	
205	183175	0.61	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	157983	157036	158440	158386	158028
89	14964	14628	14813	14642	14380
205	183801	181686	184259	183810	182321

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
RF Power	1600	W	Carrier Gas	0.80	L/min			
RF Matching	1.80	V	Option Gas	0.0	%			
Smpl Depth	10.0	mm	Nebulizer Pump	0.10	rps			
S/C Temp	2	°C						

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	8.2	V			
Extract 2	-200.0	V	Cell Entrance	-40	V			
Omega Bias	-90	V	Cell Exit	-60	V			
Deflect	2.8	V						

Cell Parameters

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

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 14:04:43	DataFile Name :	002CALB_P7011717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.04	-0.23	0.19	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	0.01	-0.01	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	-0.01	0.00	0.01	0.00	N/A	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	-0.08	0.09	-0.02	0.00	N/A	ppb
Boron	11-1	0.00	-0.07	0.07	0.00	N/A	ppb
Cadmium	106-1	0.69	-0.30	-0.40	0.00	N/A	ppb
Cadmium	108-1	0.00	0.00	0.00	0.00	N/A	ppb
Cadmium	111-1	0.05	-0.03	-0.03	0.00	N/A	ppb
Calcium	43-1	1.20	0.54	-1.74	0.00	N/A	ppb
Calcium	44-1	1.15	0.35	-1.50	0.00	N/A	ppb
Chromium	52-2	-0.03	0.02	0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.01	0.01	-0.02	0.00	N/A	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2						%
Holmium	165-1						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	-0.02	-0.01	0.03	0.00	N/A	ppb
Iron	57-2	0.52	-0.55	0.03	0.00	N/A	ppb
Lead	206-1	-0.01	-0.01	0.01	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1						%
Magnesium	24-2	-0.01	0.07	-0.06	0.00	N/A	ppb
Manganese	55-2	0.01	0.00	0.00	0.00	N/A	ppb

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 14:04:43	DataFile Name :	002CALB_P7011717-MS

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	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.00	-0.01	0.00	N/A	ppb
Phosphorus	31-2	2.32	-14.94	-9.69	-7.44		ppb
Potassium	39-2	-0.80	-0.60	1.39	0.00	N/A	ppb
Rhodium	103-2						%
Rhodium	103-1						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.43	0.00	0.43	0.00	N/A	ppb
Selenium	78-2	0.70	-0.52	-0.18	0.00	N/A	ppb
Selenium	82-1	0.19	0.27	-0.46	0.00	N/A	ppb
Silicon	28-1	1.49	1.15	-2.64	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	0.39	0.21	-0.60	0.00	N/A	ppb
Strontium	86-1	0.01	0.01	-0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	138.16	-96.72	-85.16	-14.57		ppb
Terbium	159-1						%
Terbium	159-2						%
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	0.00	0.00	0.00	N/A	ppb
Titanium	47-1	-0.01	0.01	0.00	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-2						%
Yttrium	89-1						%
Zinc	66-2	-0.03	-0.08	0.11	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 14:04:43	DataFile Name :	002CALB_P7011717-MS

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 :	LB85407	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 14:12:58	DataFile Name :	004CALS_P7011717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.22	19.98	19.86	19.69	2.06	ppb
Antimony	121-1	1.80	1.73	1.70	1.75	2.95	ppb
Arsenic	75-2	0.85	1.01	0.85	0.90	10.06	ppb
Barium	135-1	9.01	9.55	8.85	9.14	4.02	ppb
Barium	137-1	9.15	9.31	8.76	9.08	3.15	ppb
Beryllium	9-1	1.01	0.85	0.94	0.93	8.67	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	22.34	22.90	24.56	23.27	4.97	ppb
Boron	11-1	23.46	23.34	23.77	23.53	0.94	ppb
Cadmium	106-1	1.36	1.44	0.87	1.22	25.26	ppb
Cadmium	108-1	1.05	0.90	0.80	0.92	13.77	ppb
Cadmium	111-1	0.85	1.01	0.99	0.95	9.32	ppb
Calcium	43-1	465.66	458.01	431.09	451.59	4.02	ppb
Calcium	44-1	452.33	453.86	451.81	452.67	0.24	ppb
Chromium	52-2	1.92	2.02	1.99	1.98	2.67	ppb
Cobalt	59-2	0.99	0.94	0.99	0.97	3.00	ppb
Copper	63-2	2.11	1.98	2.05	2.05	3.21	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2						%
Holmium	165-1						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	46.85	46.81	47.01	46.89	0.23	ppb
Iron	57-2	46.42	44.23	46.05	45.57	2.57	ppb
Lead	206-1	0.86	0.97	0.98	0.94	6.83	ppb
Lead	207-1	0.90	0.97	0.93	0.93	4.04	ppb
Lead	208-1	0.91	0.95	0.94	0.93	2.19	ppb
Lithium	6-1						%
Magnesium	24-2	500.04	490.84	497.32	496.07	0.95	ppb
Manganese	55-2	0.97	0.97	0.92	0.95	2.70	ppb

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 14:12:58	DataFile Name :	004CAL5_P7011717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.85	1.83	1.79	1.83	1.57	ppb
Molybdenum	95-1	4.28	4.44	4.31	4.34	1.97	ppb
Molybdenum	96-1	3.98	3.83	3.94	3.92	1.91	ppb
Molybdenum	97-1	4.23	4.57	4.49	4.43	4.01	ppb
Molybdenum	98-1	4.54	4.50	4.42	4.48	1.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.01	0.98	0.98	0.99	1.69	ppb
Phosphorus	31-2	1.88	-1.27	21.70	7.44	167.42	ppb
Potassium	39-2	473.80	471.15	476.03	473.66	0.52	ppb
Rhodium	103-2						%
Rhodium	103-1						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	3.57	4.95	0.89	3.14	65.82	ppb
Selenium	78-2	4.79	2.43	3.62	3.61	32.78	ppb
Selenium	82-1	4.96	4.10	4.28	4.45	10.26	ppb
Silicon	28-1	1.38	2.13	1.68	1.73	21.82	ppb
Silver	109-1	0.95	0.99	1.01	0.99	3.01	ppb
Silver	107-1	0.98	0.98	0.96	0.97	0.97	ppb
Sodium	23-2	477.60	474.51	483.79	478.64	0.99	ppb
Strontium	86-1	0.93	0.95	0.92	0.93	1.89	ppb
Strontium	88-1	0.88	0.89	0.87	0.88	1.23	ppb
Sulfur	34-1	-147.38	0.30	190.80	14.57	1163.50	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.90	0.91	0.99	0.93	5.54	ppb
Thallium	205-1	0.92	0.91	0.91	0.91	0.71	ppb
Tin	118-1	4.61	4.64	4.58	4.61	0.65	ppb
Titanium	47-1	4.66	4.78	4.68	4.70	1.35	ppb
Uranium	238-1	0.93	0.95	0.95	0.94	1.26	ppb
Vanadium	51-2	4.72	4.63	4.71	4.69	1.08	ppb
Yttrium	89-2						%
Yttrium	89-1						%
Zinc	66-2	1.89	1.98	1.97	1.95	2.43	ppb
Zirconium	90-1	0.70	0.73	0.69	0.71	2.79	ppb

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 14:12:58	DataFile Name :	004CALS_P7011717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.71	0.74	0.65	0.70	6.90	ppb

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 14:16:50	DataFile Name :	005CALS_P7011717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	972.65	979.62	993.42	981.90	1.08	ppb
Antimony	121-1	41.39	41.04	41.03	41.15	0.50	ppb
Arsenic	75-2	49.20	50.17	49.23	49.54	1.11	ppb
Barium	135-1	246.87	250.50	253.64	250.34	1.35	ppb
Barium	137-1	247.33	249.48	253.85	250.22	1.33	ppb
Beryllium	9-1	50.71	50.15	50.35	50.41	0.56	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	48.24	49.64	49.60	49.16	1.62	ppb
Boron	11-1	49.05	50.27	50.46	49.93	1.53	ppb
Cadmium	106-1	51.48	51.84	51.69	51.67	0.35	ppb
Cadmium	108-1	52.13	51.82	53.20	52.38	1.38	ppb
Cadmium	111-1	50.15	51.53	52.02	51.23	1.89	ppb
Calcium	43-1	4910.80	4858.45	4757.10	4842.12	1.61	ppb
Calcium	44-1	4851.61	4936.16	4919.50	4902.42	0.91	ppb
Chromium	52-2	50.87	51.21	50.80	50.96	0.43	ppb
Cobalt	59-2	52.40	51.98	52.10	52.16	0.42	ppb
Copper	63-2	105.46	105.95	105.79	105.73	0.23	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2						%
Holmium	165-1						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2534.46	2511.93	2518.92	2521.77	0.46	ppb
Iron	57-2	2489.08	2509.14	2481.24	2493.15	0.58	ppb
Lead	206-1	48.87	49.16	48.40	48.81	0.79	ppb
Lead	207-1	48.42	49.66	48.93	49.00	1.28	ppb
Lead	208-1	48.84	49.49	48.96	49.09	0.70	ppb
Lithium	6-1						%
Magnesium	24-2	5232.25	5150.20	5212.08	5198.18	0.82	ppb
Manganese	55-2	102.83	101.72	102.82	102.46	0.62	ppb

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 14:16:50	DataFile Name :	005CALS_P7011717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	48.30	48.39	48.04	48.24	0.38	ppb
Molybdenum	95-1	48.44	48.24	48.28	48.32	0.22	ppb
Molybdenum	96-1	49.41	48.39	49.15	48.99	1.08	ppb
Molybdenum	97-1	48.21	48.22	49.51	48.65	1.54	ppb
Molybdenum	98-1	49.39	48.34	48.55	48.76	1.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.07	53.33	52.74	53.04	0.56	ppb
Phosphorus	31-2	1065.11	967.50	1061.42	1031.34	5.36	ppb
Potassium	39-2	2538.58	2503.40	2536.99	2526.32	0.79	ppb
Rhodium	103-2						%
Rhodium	103-1						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	43.65	47.57	50.28	47.16	7.07	ppb
Selenium	78-2	45.97	47.99	44.47	46.15	3.83	ppb
Selenium	82-1	48.87	49.79	50.84	49.83	1.97	ppb
Silicon	28-1	53.15	58.13	55.15	55.48	4.52	ppb
Silver	109-1	51.30	51.43	52.47	51.73	1.24	ppb
Silver	107-1	50.61	51.50	52.52	51.54	1.86	ppb
Sodium	23-2	5163.16	5172.00	5156.19	5163.79	0.15	ppb
Strontium	86-1	49.71	49.45	50.23	49.80	0.80	ppb
Strontium	88-1	50.49	50.66	50.83	50.66	0.33	ppb
Sulfur	34-1	564.54	817.17	684.05	688.59	18.35	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	48.31	49.21	48.22	48.58	1.13	ppb
Thallium	205-1	49.17	49.50	49.03	49.24	0.49	ppb
Tin	118-1	49.34	49.92	50.43	49.90	1.10	ppb
Titanium	47-1	48.99	49.79	49.56	49.45	0.83	ppb
Uranium	238-1	47.51	49.21	48.14	48.29	1.77	ppb
Vanadium	51-2	50.60	50.82	50.37	50.60	0.44	ppb
Yttrium	89-2						%
Yttrium	89-1						%
Zinc	66-2	104.11	103.42	103.84	103.79	0.34	ppb
Zirconium	90-1	49.36	49.29	49.24	49.30	0.11	ppb

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 14:16:50	DataFile Name :	005CALS_P7011717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	48.61	48.87	48.93	48.81	0.35	ppb

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 14:20:55	DataFile Name :	006CAL5_P7011717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2507.77	2495.48	2561.96	2521.74	1.40	ppb
Antimony	121-1	116.88	118.38	117.02	117.42	0.71	ppb
Arsenic	75-2	124.31	124.78	124.95	124.68	0.27	ppb
Barium	135-1	622.31	629.51	635.11	628.97	1.02	ppb
Barium	137-1	624.78	638.31	641.21	634.77	1.38	ppb
Beryllium	9-1	126.16	124.50	125.19	125.29	0.67	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	126.23	130.30	126.25	127.59	1.84	ppb
Boron	11-1	124.72	122.29	125.41	124.14	1.32	ppb
Cadmium	106-1	123.15	128.92	128.80	126.96	2.59	ppb
Cadmium	108-1	127.18	131.67	127.34	128.73	1.98	ppb
Cadmium	111-1	126.97	128.13	130.83	128.64	1.54	ppb
Calcium	43-1	12325.33	12354.36	12496.56	12392.08	0.74	ppb
Calcium	44-1	12195.74	12181.25	12332.02	12236.34	0.68	ppb
Chromium	52-2	126.65	128.01	130.39	128.35	1.48	ppb
Cobalt	59-2	129.74	129.67	132.97	130.79	1.44	ppb
Copper	63-2	264.38	263.77	267.54	265.23	0.76	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2						%
Holmium	165-1						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	6303.20	6323.39	6562.54	6396.37	2.26	ppb
Iron	57-2	6232.73	6211.07	6329.74	6257.85	1.01	ppb
Lead	206-1	122.66	122.49	122.20	122.45	0.19	ppb
Lead	207-1	122.87	123.83	122.21	122.97	0.66	ppb
Lead	208-1	124.25	124.61	123.45	124.10	0.48	ppb
Lithium	6-1						%
Magnesium	24-2	13064.51	13063.50	13283.69	13137.23	0.97	ppb
Manganese	55-2	254.68	253.83	260.19	256.23	1.35	ppb

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 14:20:55	DataFile Name :	006CAL5_P7011717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	123.16	123.96	122.95	123.36	0.43	ppb
Molybdenum	95-1	124.53	124.31	121.64	123.49	1.30	ppb
Molybdenum	96-1	125.83	124.99	126.04	125.62	0.44	ppb
Molybdenum	97-1	124.11	122.15	124.37	123.54	0.98	ppb
Molybdenum	98-1	124.25	122.37	125.91	124.18	1.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	131.06	130.38	133.06	131.50	1.06	ppb
Phosphorus	31-2	2607.46	2579.42	2564.92	2583.93	0.84	ppb
Potassium	39-2	6378.77	6350.90	6498.08	6409.25	1.22	ppb
Rhodium	103-2						%
Rhodium	103-1						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	126.39	119.65	134.44	126.83	5.84	ppb
Selenium	78-2	125.91	130.74	121.29	125.98	3.75	ppb
Selenium	82-1	126.76	125.11	126.80	126.23	0.76	ppb
Silicon	28-1	155.02	156.72	158.80	156.85	1.20	ppb
Silver	109-1	126.92	129.36	130.03	128.77	1.27	ppb
Silver	107-1	126.55	131.75	130.00	129.43	2.05	ppb
Sodium	23-2	12934.12	12824.95	13017.71	12925.60	0.75	ppb
Strontium	86-1	125.42	126.31	125.46	125.73	0.40	ppb
Strontium	88-1	128.33	127.97	127.36	127.88	0.39	ppb
Sulfur	34-1	2306.81	2348.61	2393.43	2349.62	1.84	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	121.46	122.32	123.07	122.29	0.66	ppb
Thallium	205-1	124.35	124.12	124.88	124.45	0.31	ppb
Tin	118-1	124.41	126.77	128.10	126.43	1.48	ppb
Titanium	47-1	125.07	125.21	126.66	125.65	0.70	ppb
Uranium	238-1	124.40	121.27	124.10	123.26	1.40	ppb
Vanadium	51-2	124.76	127.01	127.58	126.45	1.18	ppb
Yttrium	89-2						%
Yttrium	89-1						%
Zinc	66-2	262.00	263.11	265.54	263.55	0.69	ppb
Zirconium	90-1	126.71	124.97	126.41	126.03	0.74	ppb

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 14:20:55	DataFile Name :	006CALS_P7011717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	126.96	124.97	126.30	126.08	0.80	ppb

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 14:24:42	DataFile Name :	007CALS_P7011717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5008.40	4927.52	4875.42	4937.11	1.36	ppb
Antimony	121-1	248.56	248.28	242.99	246.61	1.27	ppb
Arsenic	75-2	248.80	252.27	249.55	250.21	0.73	ppb
Barium	135-1	1266.96	1278.65	1262.26	1269.29	0.66	ppb
Barium	137-1	1276.27	1290.21	1276.53	1281.00	0.62	ppb
Beryllium	9-1	254.86	254.50	250.24	253.20	1.02	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	256.45	240.01	253.96	250.14	3.54	ppb
Boron	11-1	253.54	244.07	251.25	249.62	1.98	ppb
Cadmium	106-1	255.75	257.40	246.18	253.11	2.39	ppb
Cadmium	108-1	260.51	256.76	251.85	256.37	1.69	ppb
Cadmium	111-1	258.92	259.04	254.86	257.61	0.92	ppb
Calcium	43-1	24214.67	24471.69	24963.31	24549.89	1.55	ppb
Calcium	44-1	24228.78	24589.94	24364.30	24394.34	0.75	ppb
Chromium	52-2	255.54	252.58	250.62	252.91	0.98	ppb
Cobalt	59-2	260.14	257.27	254.83	257.41	1.03	ppb
Copper	63-2	526.79	521.42	519.16	522.46	0.75	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2						%
Holmium	165-1						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	12605.29	12568.37	12373.48	12515.71	1.00	ppb
Iron	57-2	12587.44	12369.65	12294.80	12417.30	1.22	ppb
Lead	206-1	245.48	246.67	244.22	245.46	0.50	ppb
Lead	207-1	245.19	247.49	242.21	244.96	1.08	ppb
Lead	208-1	247.97	249.46	246.81	248.08	0.53	ppb
Lithium	6-1						%
Magnesium	24-2	26066.80	25336.60	25767.11	25723.50	1.43	ppb
Manganese	55-2	510.48	508.18	499.49	506.05	1.15	ppb

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 14:24:42	DataFile Name :	007CAL5_P7011717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	249.45	252.30	247.92	249.89	0.89	ppb
Molybdenum	95-1	252.05	252.70	249.02	251.26	0.78	ppb
Molybdenum	96-1	252.20	257.00	252.84	254.01	1.03	ppb
Molybdenum	97-1	251.01	255.23	252.51	252.92	0.84	ppb
Molybdenum	98-1	252.46	254.72	250.19	252.45	0.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	262.33	256.97	255.49	258.26	1.39	ppb
Phosphorus	31-2	5130.80	4967.84	4911.72	5003.45	2.27	ppb
Potassium	39-2	12961.63	12760.95	12730.87	12817.82	0.98	ppb
Rhodium	103-2						%
Rhodium	103-1						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	244.78	241.34	236.77	240.97	1.67	ppb
Selenium	78-2	251.88	250.16	244.73	248.93	1.50	ppb
Selenium	82-1	255.28	257.25	251.74	254.76	1.10	ppb
Silicon	28-1	314.94	313.50	320.02	316.15	1.08	ppb
Silver	109-1	260.34	257.37	257.63	258.45	0.64	ppb
Silver	107-1	260.08	261.38	254.59	258.68	1.39	ppb
Sodium	23-2	26178.60	25229.78	24986.14	25464.84	2.47	ppb
Strontium	86-1	251.79	256.50	251.37	253.22	1.12	ppb
Strontium	88-1	252.81	257.13	254.01	254.65	0.88	ppb
Sulfur	34-1	5009.91	4919.47	4985.85	4971.75	0.94	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	245.76	245.94	244.61	245.44	0.29	ppb
Thallium	205-1	253.23	254.06	248.97	252.09	1.08	ppb
Tin	118-1	256.03	256.97	251.47	254.82	1.16	ppb
Titanium	47-1	250.73	249.14	248.10	249.32	0.53	ppb
Uranium	238-1	247.07	247.89	242.20	245.72	1.25	ppb
Vanadium	51-2	252.49	250.34	248.11	250.31	0.88	ppb
Yttrium	89-2						%
Yttrium	89-1						%
Zinc	66-2	520.91	516.19	508.64	515.24	1.20	ppb
Zirconium	90-1	252.13	258.09	252.92	254.38	1.27	ppb

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 14:24:42	DataFile Name :	007CALS_P7011717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	249.32	254.77	251.67	251.92	1.09	ppb

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 14:28:25	DataFile Name :	008CAL5_P7011717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9872.65	9719.46	9854.57	9815.56	0.85	ppb
Antimony	121-1	505.90	511.46	501.46	506.27	0.99	ppb
Arsenic	75-2	500.42	494.87	499.56	498.28	0.60	ppb
Barium	135-1	2487.05	2548.16	2481.13	2505.45	1.48	ppb
Barium	137-1	2518.03	2538.79	2472.74	2509.85	1.35	ppb
Beryllium	9-1	505.87	504.24	498.10	502.74	0.81	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	510.49	510.69	494.86	505.35	1.80	ppb
Boron	11-1	495.30	504.64	496.33	498.76	1.03	ppb
Cadmium	106-1	497.56	503.19	493.99	498.25	0.93	ppb
Cadmium	108-1	518.22	513.28	509.65	513.72	0.84	ppb
Cadmium	111-1	502.88	507.80	498.72	503.13	0.90	ppb
Calcium	43-1	49405.23	49021.45	49204.52	49210.40	0.39	ppb
Calcium	44-1	49545.24	48711.61	48840.04	49032.29	0.92	ppb
Chromium	52-2	505.59	503.59	507.03	505.40	0.34	ppb
Cobalt	59-2	512.61	514.74	518.73	515.36	0.60	ppb
Copper	63-2	1037.45	1038.47	1040.78	1038.90	0.16	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2						%
Holmium	165-1						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	25087.35	24643.10	24968.58	24899.68	0.92	ppb
Iron	57-2	24580.17	24762.14	24934.01	24758.77	0.71	ppb
Lead	206-1	498.18	493.52	492.94	494.88	0.58	ppb
Lead	207-1	497.71	496.19	492.36	495.42	0.56	ppb
Lead	208-1	500.99	497.93	493.23	497.38	0.79	ppb
Lithium	6-1						%
Magnesium	24-2	50719.60	50626.42	51632.15	50992.73	1.09	ppb
Manganese	55-2	1014.68	1007.85	1014.64	1012.39	0.39	ppb

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 14:28:25	DataFile Name :	008CAL5_P7011717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	501.33	491.83	499.93	497.70	1.03	ppb
Molybdenum	95-1	500.44	490.29	498.94	496.56	1.10	ppb
Molybdenum	96-1	503.84	499.08	505.03	502.65	0.63	ppb
Molybdenum	97-1	499.60	492.47	495.43	495.83	0.72	ppb
Molybdenum	98-1	505.83	497.18	504.30	502.44	0.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	509.17	512.09	519.42	513.56	1.03	ppb
Phosphorus	31-2	10223.85	10152.91	10427.70	10268.15	1.39	ppb
Potassium	39-2	25093.29	25158.10	25156.06	25135.82	0.15	ppb
Rhodium	103-2						%
Rhodium	103-1						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	458.51	477.57	504.03	480.04	4.76	ppb
Selenium	78-2	499.11	502.30	490.43	497.28	1.24	ppb
Selenium	82-1	510.28	494.10	503.86	502.75	1.62	ppb
Silicon	28-1	628.08	638.66	634.66	633.80	0.84	ppb
Silver	109-1	513.24	510.26	507.00	510.16	0.61	ppb
Silver	107-1	509.56	514.47	512.21	512.08	0.48	ppb
Sodium	23-2	50767.96	50587.77	50505.45	50620.39	0.27	ppb
Strontium	86-1	501.20	493.87	496.33	497.13	0.75	ppb
Strontium	88-1	505.72	493.97	495.33	498.34	1.29	ppb
Sulfur	34-1	9852.54	9815.16	10066.99	9911.56	1.37	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	495.60	501.50	490.69	495.93	1.09	ppb
Thallium	205-1	491.58	484.65	494.15	490.13	1.00	ppb
Tin	118-1	507.39	516.91	502.88	509.06	1.41	ppb
Titanium	47-1	502.45	503.48	506.95	504.29	0.47	ppb
Uranium	238-1	501.54	493.72	485.86	493.71	1.59	ppb
Vanadium	51-2	501.19	502.94	507.21	503.78	0.61	ppb
Yttrium	89-2						%
Yttrium	89-1						%
Zinc	66-2	1035.60	1030.72	1047.57	1037.97	0.84	ppb
Zirconium	90-1	504.15	495.51	499.16	499.61	0.87	ppb

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 14:28:25	DataFile Name :	008CALS_P7011717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	500.15	495.02	502.42	499.19	0.76	ppb

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 14:32:04	DataFile Name :	009CAL5_P7011717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19571.26	19202.20	19220.46	19331.31	1.08	ppb
Antimony	121-1	999.33	993.06	1004.91	999.10	0.59	ppb
Arsenic	75-2	997.99	1001.73	1002.88	1000.87	0.26	ppb
Barium	135-1	4906.94	5011.79	5057.10	4991.94	1.54	ppb
Barium	137-1	4949.25	4980.23	5028.80	4986.09	0.80	ppb
Beryllium	9-1	993.84	1006.65	992.84	997.77	0.77	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	990.36	1011.32	989.48	997.05	1.24	ppb
Boron	11-1	996.74	1000.55	1005.30	1000.87	0.43	ppb
Cadmium	106-1	991.81	993.65	1013.85	999.77	1.22	ppb
Cadmium	108-1	975.59	996.62	1000.67	990.96	1.36	ppb
Cadmium	111-1	990.35	993.28	1004.42	996.02	0.75	ppb
Calcium	43-1	98291.19	98270.46	98430.76	98330.80	0.09	ppb
Calcium	44-1	97692.61	98106.34	96784.49	97527.81	0.69	ppb
Chromium	52-2	993.99	994.68	999.63	996.10	0.31	ppb
Cobalt	59-2	991.05	984.49	993.38	989.64	0.47	ppb
Copper	63-2	1976.30	1955.41	1986.52	1972.74	0.80	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2						%
Holmium	165-1						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	49633.29	48701.14	49064.74	49133.06	0.96	ppb
Iron	57-2	48889.84	48279.61	48770.54	48646.66	0.66	ppb
Lead	206-1	984.32	1018.97	1008.94	1004.07	1.78	ppb
Lead	207-1	986.23	1014.58	1010.75	1003.85	1.53	ppb
Lead	208-1	989.62	1013.89	1002.34	1001.95	1.21	ppb
Lithium	6-1						%
Magnesium	24-2	100301.91	99256.08	99174.93	99577.64	0.63	ppb
Manganese	55-2	1996.71	1985.50	1991.96	1991.39	0.28	ppb

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 14:32:04	DataFile Name :	009CAL5_P7011717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	988.27	1010.38	1005.82	1001.49	1.17	ppb
Molybdenum	95-1	986.04	1009.08	1009.93	1001.68	1.35	ppb
Molybdenum	96-1	985.65	1008.21	999.10	997.65	1.14	ppb
Molybdenum	97-1	991.90	1010.30	1002.63	1001.61	0.92	ppb
Molybdenum	98-1	992.38	1004.10	998.53	998.34	0.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	990.78	988.55	991.25	990.19	0.15	ppb
Phosphorus	31-2	20024.67	19553.96	19980.38	19853.00	1.31	ppb
Potassium	39-2	49393.74	49373.61	49005.67	49257.67	0.44	ppb
Rhodium	103-2						%
Rhodium	103-1						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	1003.34	1034.70	998.45	1012.16	1.94	ppb
Selenium	78-2	989.20	1012.76	1003.16	1001.71	1.18	ppb
Selenium	82-1	983.21	1002.38	1006.30	997.30	1.24	ppb
Silicon	28-1	919.32	904.17	913.68	912.39	0.84	ppb
Silver	109-1	986.54	984.13	1006.08	992.25	1.21	ppb
Silver	107-1	990.56	990.21	992.70	991.16	0.14	ppb
Sodium	23-2	100303.85	98949.74	99460.21	99571.27	0.69	ppb
Strontium	86-1	981.90	1009.60	1010.14	1000.55	1.61	ppb
Strontium	88-1	991.98	1001.79	1004.06	999.28	0.64	ppb
Sulfur	34-1	20291.53	19915.02	20050.40	20085.65	0.95	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	1000.94	1008.07	1001.75	1003.59	0.39	ppb
Thallium	205-1	995.94	1008.85	1008.77	1004.52	0.74	ppb
Tin	118-1	991.96	991.99	998.33	994.09	0.37	ppb
Titanium	47-1	993.45	1005.62	994.84	997.97	0.67	ppb
Uranium	238-1	1006.60	1018.56	988.40	1004.52	1.51	ppb
Vanadium	51-2	998.21	996.36	998.89	997.82	0.13	ppb
Yttrium	89-2						%
Yttrium	89-1						%
Zinc	66-2	1982.80	1955.75	1987.42	1975.32	0.87	ppb
Zirconium	90-1	985.45	1011.99	999.58	999.01	1.33	ppb

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 14:32:04	DataFile Name :	009CALS_P7011717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	982.66	1011.36	1005.53	999.85	1.52	ppb

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 14:35:39	DataFile Name :	010CAL5_P7011717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99786.50	100652.96	100025.43	100154.96	0.45	ppb
Antimony	121-1	3.85	4.25	4.61	4.23	9.01	ppb
Arsenic	75-2	1.59	1.68	1.90	1.72	9.45	ppb
Barium	135-1	1.54	1.51	1.71	1.59	6.77	ppb
Barium	137-1	1.43	1.42	1.55	1.47	4.80	ppb
Beryllium	9-1	0.10	0.08	0.11	0.10	17.05	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	8.71	9.27	8.53	8.84	4.33	ppb
Boron	11-1	10.01	8.97	8.21	9.06	9.97	ppb
Cadmium	106-1	1.25	0.12	0.44	0.60	96.92	ppb
Cadmium	108-1	0.39	0.27	0.27	0.31	22.85	ppb
Cadmium	111-1	0.40	0.28	0.25	0.31	25.52	ppb
Calcium	43-1	499588.54	501883.49	499846.86	500439.63	0.25	ppb
Calcium	44-1	502510.77	498082.29	501294.26	500629.11	0.46	ppb
Chromium	52-2	29.02	28.66	28.51	28.73	0.90	ppb
Cobalt	59-2	1.27	1.28	1.29	1.28	0.81	ppb
Copper	63-2	2.98	2.97	3.04	3.00	1.37	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2						%
Holmium	165-1						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	249735.11	249248.22	251552.94	250178.76	0.49	ppb
Iron	57-2	251599.47	250510.65	248786.27	250298.80	0.57	ppb
Lead	206-1	2.09	2.24	2.24	2.19	3.95	ppb
Lead	207-1	2.02	2.12	2.17	2.10	3.70	ppb
Lead	208-1	2.05	2.17	2.19	2.14	3.62	ppb
Lithium	6-1						%
Magnesium	24-2	501207.11	504461.19	494125.04	499931.12	1.06	ppb
Manganese	55-2	7.38	7.50	7.57	7.48	1.29	ppb

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 14:35:39	DataFile Name :	010CAL5_P7011717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.16	2.21	2.28	2.22	2.87	ppb
Molybdenum	95-1	6.52	6.96	7.28	6.92	5.52	ppb
Molybdenum	96-1	6.46	6.62	7.06	6.71	4.65	ppb
Molybdenum	97-1	6.63	6.88	6.98	6.83	2.59	ppb
Molybdenum	98-1	6.63	6.82	7.23	6.89	4.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	17.85	17.59	17.15	17.53	2.02	ppb
Phosphorus	31-2	18.74	12.33	1.31	10.79	81.69	ppb
Potassium	39-2	248273.56	251333.99	250736.85	250114.80	0.65	ppb
Rhodium	103-2						%
Rhodium	103-1						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	3.21	0.02	2.73	1.99	86.38	ppb
Selenium	78-2	1.98	0.66	1.94	1.53	49.43	ppb
Selenium	82-1	1.83	3.21	2.60	2.55	27.17	ppb
Silicon	28-1	-9.79	-11.46	-12.67	-11.31		ppb
Silver	109-1	0.08	0.07	0.07	0.07	3.96	ppb
Silver	107-1	0.08	0.07	0.05	0.07	18.25	ppb
Sodium	23-2	500591.65	501471.78	497901.20	499988.21	0.37	ppb
Strontium	86-1	30.33	30.27	29.57	30.06	1.41	ppb
Strontium	88-1	30.48	30.47	30.47	30.47	0.02	ppb
Sulfur	34-1	-814.84	-581.08	-459.21	-618.38		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.50	0.54	0.48	0.51	5.95	ppb
Thallium	205-1	0.52	0.52	0.48	0.51	4.42	ppb
Tin	118-1	1.07	1.22	1.29	1.20	9.30	ppb
Titanium	47-1	2.47	0.76	1.69	1.64	52.32	ppb
Uranium	238-1	0.17	0.20	0.19	0.18	8.98	ppb
Vanadium	51-2	0.31	0.30	0.31	0.31	1.53	ppb
Yttrium	89-2						%
Yttrium	89-1						%
Zinc	66-2	11.16	11.44	11.07	11.23	1.70	ppb
Zirconium	90-1	0.19	0.18	0.19	0.19	3.72	ppb

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 14:35:39	DataFile Name :	010CALS_P7011717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.18	0.18	0.18	0.18	0.84	ppb

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 14:48:38	DataFile Name :	011ICV01_P7011717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	531.39	536.38	536.07	534.61	0.52	ppb
Antimony	121-1	189.52	192.03	190.49	190.68	0.66	ppb
Arsenic	75-2	196.28	200.10	197.37	197.91	0.99	ppb
Barium	135-1	97.99	100.34	99.55	99.29	1.21	ppb
Barium	137-1	98.38	100.26	100.55	99.73	1.18	ppb
Beryllium	9-1	95.80	99.00	95.99	96.93	1.85	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	469.74	472.51	482.96	475.07	1.47	ppb
Boron	11-1	467.78	471.18	479.04	472.67	1.22	ppb
Cadmium	106-1	171.49	173.67	172.25	172.47	0.64	ppb
Cadmium	108-1	141.79	138.64	141.06	140.50	1.17	ppb
Cadmium	111-1	103.05	105.53	104.61	104.40	1.20	ppb
Calcium	43-1	2150.93	2146.20	2173.32	2156.82	0.67	ppb
Calcium	44-1	2033.16	2056.09	2071.59	2053.61	0.94	ppb
Chromium	52-2	95.84	96.58	96.71	96.38	0.49	ppb
Cobalt	59-2	101.44	101.39	102.12	101.65	0.40	ppb
Copper	63-2	102.20	103.01	103.50	102.90	0.64	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2						%
Holmium	165-1						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	970.25	972.79	981.56	974.87	0.61	ppb
Iron	57-2	968.97	978.23	972.49	973.23	0.48	ppb
Lead	206-1	197.10	197.95	194.97	196.68	0.78	ppb
Lead	207-1	188.14	188.74	185.43	187.44	0.94	ppb
Lead	208-1	194.91	194.98	193.03	194.31	0.57	ppb
Lithium	6-1						%
Magnesium	24-2	1225.11	1222.73	1225.34	1224.39	0.12	ppb
Manganese	55-2	97.99	100.03	99.70	99.24	1.10	ppb

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 14:48:38	DataFile Name :	011ICV01_P7011717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	478.80	479.75	475.60	478.05	0.46	ppb
Molybdenum	95-1	476.02	474.72	468.21	472.98	0.88	ppb
Molybdenum	96-1	487.68	482.16	475.58	481.81	1.26	ppb
Molybdenum	97-1	481.50	478.31	473.87	477.89	0.80	ppb
Molybdenum	98-1	485.52	481.21	476.92	481.22	0.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	100.79	102.62	103.40	102.27	1.31	ppb
Phosphorus	31-2	9.95	17.06	5.74	10.92	52.40	ppb
Potassium	39-2	1987.01	1973.58	2008.17	1989.58	0.88	ppb
Rhodium	103-2						%
Rhodium	103-1						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	211.76	201.57	186.31	199.88	6.41	ppb
Selenium	78-2	195.77	200.62	196.68	197.69	1.31	ppb
Selenium	82-1	198.45	200.44	195.96	198.28	1.13	ppb
Silicon	28-1	588.61	596.97	603.36	596.31	1.24	ppb
Silver	109-1	99.81	102.89	100.56	101.09	1.59	ppb
Silver	107-1	100.95	102.06	102.66	101.89	0.85	ppb
Sodium	23-2	2002.09	2004.83	2022.61	2009.84	0.55	ppb
Strontium	86-1	453.18	447.92	444.98	448.69	0.93	ppb
Strontium	88-1	460.31	448.65	451.53	453.50	1.34	ppb
Sulfur	34-1	-354.46	-131.78	-119.94	-202.06		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	193.69	195.21	193.25	194.05	0.53	ppb
Thallium	205-1	199.21	200.16	197.47	198.95	0.68	ppb
Tin	118-1	492.11	507.23	498.49	499.28	1.52	ppb
Titanium	47-1	475.09	479.62	476.05	476.92	0.50	ppb
Uranium	238-1	481.92	477.68	470.06	476.55	1.26	ppb
Vanadium	51-2	97.57	97.93	97.85	97.78	0.20	ppb
Yttrium	89-2						%
Yttrium	89-1						%
Zinc	66-2	214.66	216.58	215.11	215.45	0.47	ppb
Zirconium	90-1	488.23	488.97	479.91	485.70	1.04	ppb

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 14:48:38	DataFile Name :	011ICV01_P7011717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	481.31	482.27	480.21	481.26	0.21	ppb

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 15:11:15	DataFile Name :	013LCSE_P7011717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.27	19.17	18.68	17.71	12.01	ppb
Antimony	121-1	2.07	2.00	2.07	2.05	1.90	ppb
Arsenic	75-2	1.03	0.80	0.99	0.94	12.95	ppb
Barium	135-1	8.68	8.63	8.72	8.68	0.50	ppb
Barium	137-1	8.79	8.82	8.54	8.71	1.77	ppb
Beryllium	9-1	0.86	0.87	1.05	0.93	11.74	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	19.42	23.87	23.28	22.19	10.91	ppb
Boron	11-1	22.02	22.78	22.78	22.52	1.94	ppb
Cadmium	106-1	-0.50	0.79	1.86	0.72	164.66	ppb
Cadmium	108-1	1.00	0.87	0.98	0.95	7.54	ppb
Cadmium	111-1	0.80	0.86	0.98	0.88	10.28	ppb
Calcium	43-1	425.63	430.07	443.02	432.91	2.09	ppb
Calcium	44-1	422.74	433.99	421.56	426.09	1.61	ppb
Chromium	52-2	1.85	1.91	1.81	1.86	2.54	ppb
Cobalt	59-2	0.92	0.91	0.91	0.91	0.59	ppb
Copper	63-2	1.89	1.78	1.76	1.81	3.71	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2						%
Holmium	165-1						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	43.76	43.24	43.79	43.60	0.71	ppb
Iron	57-2	45.77	44.87	45.43	45.35	1.00	ppb
Lead	206-1	0.91	0.93	0.84	0.90	5.25	ppb
Lead	207-1	0.94	0.88	0.90	0.91	2.97	ppb
Lead	208-1	0.93	0.93	0.89	0.91	2.55	ppb
Lithium	6-1						%
Magnesium	24-2	473.64	469.33	459.82	467.60	1.51	ppb
Manganese	55-2	0.90	0.89	0.92	0.91	1.64	ppb

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 15:11:15	DataFile Name :	013LCSE_P7011717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.80	1.89	1.86	1.85	2.36	ppb
Molybdenum	95-1	4.19	4.27	4.28	4.25	1.14	ppb
Molybdenum	96-1	3.89	3.73	3.86	3.83	2.22	ppb
Molybdenum	97-1	4.35	4.27	4.35	4.32	1.12	ppb
Molybdenum	98-1	4.30	4.47	4.39	4.39	1.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.93	0.99	0.95	0.96	3.07	ppb
Phosphorus	31-2	29.67	18.02	36.46	28.05	33.26	ppb
Potassium	39-2	445.43	443.65	446.09	445.05	0.28	ppb
Rhodium	103-2						%
Rhodium	103-1						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	1.87	2.72	3.16	2.59	25.51	ppb
Selenium	78-2	4.83	5.59	4.20	4.87	14.31	ppb
Selenium	82-1	4.06	5.00	3.99	4.35	12.93	ppb
Silicon	28-1	-9.54	-5.99	-7.05	-7.53		ppb
Silver	109-1	0.86	0.88	0.85	0.86	1.47	ppb
Silver	107-1	0.87	0.89	0.87	0.88	1.61	ppb
Sodium	23-2	460.11	459.72	464.14	461.32	0.53	ppb
Strontium	86-1	0.80	0.86	0.74	0.80	7.68	ppb
Strontium	88-1	0.83	0.84	0.85	0.84	0.92	ppb
Sulfur	34-1	209.81	260.82	322.29	264.31	21.31	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.80	0.86	0.89	0.85	5.22	ppb
Thallium	205-1	0.89	0.92	0.86	0.89	3.10	ppb
Tin	118-1	4.45	4.47	4.34	4.42	1.57	ppb
Titanium	47-1	4.25	4.53	4.17	4.32	4.46	ppb
Uranium	238-1	0.90	0.88	0.86	0.88	2.21	ppb
Vanadium	51-2	4.55	4.30	4.40	4.42	2.77	ppb
Yttrium	89-2						%
Yttrium	89-1						%
Zinc	66-2	1.82	1.82	1.70	1.78	3.96	ppb
Zirconium	90-1	0.76	0.74	0.74	0.75	1.56	ppb

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 15:11:15	DataFile Name :	013LCSE_P7011717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.78	0.78	0.75	0.77	2.07	ppb

LB Number : LB85407 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2017-01-17 15:14:48 DataFile Name : 014CCBE_P7011717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.13	-0.49	-0.31	-0.31		ppb
Antimony	121-1	0.14	0.16	0.18	0.16	12.42	ppb
Arsenic	75-2	0.01	0.08	0.04	0.04	76.11	ppb
Barium	135-1	0.02	-0.01	0.00	0.00	986.49	ppb
Barium	137-1	0.01	0.00	0.00	0.00	638.41	ppb
Beryllium	9-1	-0.01	-0.01	0.00	-0.01		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1.42	1.79	2.22	1.81	22.04	ppb
Boron	11-1	1.70	1.52	1.57	1.60	6.01	ppb
Cadmium	106-1	0.67	0.05	0.05	0.26	138.70	ppb
Cadmium	108-1	-0.08	-0.08	-0.05	-0.07		ppb
Cadmium	111-1	0.05	0.00	0.00	0.02	158.48	ppb
Calcium	43-1	0.09	-0.55	-0.49	-0.32		ppb
Calcium	44-1	-4.70	-4.05	-2.08	-3.61		ppb
Chromium	52-2	-0.04	-0.04	-0.03	-0.04		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.11	-0.10	-0.07	-0.09		ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2						%
Holmium	165-1						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.00	0.10	0.06	0.06	96.97	ppb
Iron	57-2	1.16	-0.16	0.60	0.53	124.65	ppb
Lead	206-1	0.04	0.03	0.02	0.03	37.96	ppb
Lead	207-1	0.03	0.02	0.04	0.03	26.25	ppb
Lead	208-1	0.04	0.02	0.02	0.03	22.50	ppb
Lithium	6-1						%
Magnesium	24-2	0.19	-0.04	0.07	0.07	161.69	ppb
Manganese	55-2	0.00	0.00	0.00	0.00		ppb

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 15:14:48	DataFile Name :	014CCBE_P7011717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.05	0.05	0.06	0.05	12.19	ppb
Molybdenum	95-1	0.06	0.09	0.13	0.09	33.76	ppb
Molybdenum	96-1	0.06	0.07	0.08	0.07	15.63	ppb
Molybdenum	97-1	0.08	0.07	0.13	0.09	33.78	ppb
Molybdenum	98-1	0.05	0.08	0.13	0.09	46.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.02	-0.01	-0.01		ppb
Phosphorus	31-2	-1.78	2.60	20.89	7.24	166.12	ppb
Potassium	39-2	-1.28	-2.37	-6.04	-3.23		ppb
Rhodium	103-2						%
Rhodium	103-1						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.43	-0.88	-0.43	-0.58		ppb
Selenium	78-2	-0.17	0.57	0.03	0.15	264.20	ppb
Selenium	82-1	-0.34	-0.03	-0.59	-0.32		ppb
Silicon	28-1	-13.59	-16.08	-10.99	-13.55		ppb
Silver	109-1	0.01	0.00	0.01	0.01	53.78	ppb
Silver	107-1	0.01	0.01	0.01	0.01	18.33	ppb
Sodium	23-2	8.69	8.20	9.16	8.68	5.54	ppb
Strontium	86-1	-0.03	-0.03	0.01	-0.02		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	428.72	385.96	331.87	382.18	12.70	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00	99.74	ppb
Tin	118-1	0.05	0.06	0.07	0.06	16.65	ppb
Titanium	47-1	0.07	0.05	0.00	0.04	101.07	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	89-2						%
Yttrium	89-1						%
Zinc	66-2	-0.05	-0.02	-0.08	-0.05		ppb
Zirconium	90-1	0.03	0.04	0.04	0.03	14.72	ppb

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 15:14:48	DataFile Name :	014CCBE_P7011717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.03	0.04	0.03	12.98	ppb

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 15:18:22	DataFile Name :	015ICSA01_P7011717-M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	97904.87	96338.82	97288.13	97177.27	0.81	ppb
Antimony	121-1	1.23	1.30	1.32	1.28	3.65	ppb
Arsenic	75-2	0.35	0.49	0.36	0.40	20.13	ppb
Barium	135-1	1.47	1.54	1.61	1.54	4.42	ppb
Barium	137-1	1.64	1.54	1.59	1.59	3.36	ppb
Beryllium	9-1	0.30	0.30	0.24	0.28	12.06	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1.91	2.20	2.50	2.20	13.43	ppb
Boron	11-1	2.27	2.12	1.90	2.10	9.10	ppb
Cadmium	106-1	0.01	-0.22	-0.37	-0.19		ppb
Cadmium	108-1	12.45	9.88	11.91	11.41	11.89	ppb
Cadmium	111-1	0.38	0.44	0.35	0.39	12.00	ppb
Calcium	43-1	97674.39	96272.68	97127.25	97024.77	0.73	ppb
Calcium	44-1	98144.93	96269.67	97682.62	97365.74	1.00	ppb
Chromium	52-2	20.12	19.48	19.76	19.79	1.65	ppb
Cobalt	59-2	1.20	1.19	1.18	1.19	0.90	ppb
Copper	63-2	8.33	8.19	8.17	8.23	1.05	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2						%
Holmium	165-1						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	99328.09	97029.17	98764.78	98374.01	1.22	ppb
Iron	57-2	99449.29	97981.88	99192.05	98874.41	0.79	ppb
Lead	206-1	4.82	4.89	4.93	4.88	1.12	ppb
Lead	207-1	4.19	4.16	4.19	4.18	0.49	ppb
Lead	208-1	4.45	4.49	4.48	4.47	0.54	ppb
Lithium	6-1						%
Magnesium	24-2	101746.40	99552.88	101158.78	100819.35	1.13	ppb
Manganese	55-2	8.05	8.20	7.97	8.07	1.44	ppb

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 15:18:22	DataFile Name :	015ICSA01_P7011717-M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	587.92	597.70	600.46	595.36	1.11	ppb
Molybdenum	95-1	1926.45	1963.40	1962.40	1950.75	1.08	ppb
Molybdenum	96-1	1623.42	1635.65	1645.01	1634.69	0.66	ppb
Molybdenum	97-1	1943.46	1951.23	1998.76	1964.48	1.52	ppb
Molybdenum	98-1	1950.18	1943.54	1982.55	1958.76	1.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.61	5.56	5.51	5.56	0.84	ppb
Phosphorus	31-2	99808.98	98766.66	100440.03	99671.89	0.85	ppb
Potassium	39-2	101039.32	100745.21	100255.45	100679.99	0.39	ppb
Rhodium	103-2						%
Rhodium	103-1						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.49	-0.88	-0.88	-0.42		ppb
Selenium	78-2	-0.45	-0.30	-0.71	-0.49		ppb
Selenium	82-1	-0.07	-0.12	-0.28	-0.16		ppb
Silicon	28-1	16.25	13.43	14.92	14.87	9.50	ppb
Silver	109-1	0.07	0.05	0.06	0.06	14.32	ppb
Silver	107-1	0.06	0.06	0.07	0.06	8.13	ppb
Sodium	23-2	100962.57	97889.35	99673.79	99508.57	1.55	ppb
Strontium	86-1	30.72	31.09	31.19	31.00	0.80	ppb
Strontium	88-1	30.90	31.20	31.28	31.13	0.66	ppb
Sulfur	34-1	78981.89	77502.75	77401.03	77961.89	1.13	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.01	0.01	13.98	ppb
Thallium	205-1	0.02	0.01	0.01	0.01	41.04	ppb
Tin	118-1	0.22	0.20	0.20	0.21	4.23	ppb
Titanium	47-1	1944.83	1953.80	1953.61	1950.75	0.26	ppb
Uranium	238-1	0.01	0.02	0.02	0.02	8.23	ppb
Vanadium	51-2	0.19	0.17	0.16	0.17	10.51	ppb
Yttrium	89-2						%
Yttrium	89-1						%
Zinc	66-2	11.40	11.51	11.97	11.63	2.61	ppb
Zirconium	90-1	0.12	0.14	0.14	0.13	7.11	ppb

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 15:18:22	DataFile Name :	015ICSA01_P7011717-M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.16	0.14	0.14	0.15	8.13	ppb

LB Number : LB85407 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P7
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2017-01-17 15:21:52 DataFile Name : 016ICSB_P7011717-MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	97673.29	96519.75	97858.74	97350.59	0.75	ppb
Antimony	121-1	19.84	19.66	19.73	19.74	0.45	ppb
Arsenic	75-2	20.02	19.88	19.67	19.86	0.91	ppb
Barium	135-1	21.43	22.20	21.62	21.75	1.85	ppb
Barium	137-1	21.33	21.93	22.54	21.94	2.77	ppb
Beryllium	9-1	19.47	19.31	18.86	19.21	1.66	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	44.16	48.82	47.80	46.93	5.22	ppb
Boron	11-1	45.66	48.09	46.07	46.61	2.80	ppb
Cadmium	106-1	22.99	25.71	23.22	23.97	6.29	ppb
Cadmium	108-1	31.24	33.53	33.16	32.64	3.77	ppb
Cadmium	111-1	19.67	20.49	20.30	20.15	2.13	ppb
Calcium	43-1	96983.58	96267.51	97211.29	96820.79	0.51	ppb
Calcium	44-1	96700.94	96243.98	97224.38	96723.10	0.51	ppb
Chromium	52-2	39.72	39.34	39.79	39.62	0.61	ppb
Cobalt	59-2	21.97	21.72	21.85	21.85	0.57	ppb
Copper	63-2	29.21	27.94	28.66	28.60	2.22	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2						%
Holmium	165-1						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	100324.82	96590.17	97532.01	98149.00	1.98	ppb
Iron	57-2	100445.04	96402.69	97677.12	98174.95	2.11	ppb
Lead	206-1	25.45	25.33	24.98	25.25	0.96	ppb
Lead	207-1	23.40	23.05	22.85	23.10	1.20	ppb
Lead	208-1	24.39	24.31	24.12	24.27	0.58	ppb
Lithium	6-1						%
Magnesium	24-2	101292.93	100023.78	101547.39	100954.70	0.81	ppb
Manganese	55-2	28.62	28.06	28.44	28.37	1.01	ppb

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 15:21:52	DataFile Name :	016ICSB_P7011717-MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	652.94	642.58	649.89	648.47	0.82	ppb
Molybdenum	95-1	2002.17	1979.71	1988.81	1990.23	0.57	ppb
Molybdenum	96-1	1673.11	1690.10	1672.04	1678.42	0.60	ppb
Molybdenum	97-1	2017.54	2013.87	2004.71	2012.04	0.33	ppb
Molybdenum	98-1	2031.59	2022.58	2004.05	2019.41	0.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.23	25.64	25.66	25.51	0.94	ppb
Phosphorus	31-2	100500.43	100040.34	99931.49	100157.42	0.30	ppb
Potassium	39-2	100995.91	100227.01	101262.14	100828.35	0.53	ppb
Rhodium	103-2						%
Rhodium	103-1						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	15.41	24.84	19.19	19.81	23.97	ppb
Selenium	78-2	22.11	17.61	19.00	19.57	11.77	ppb
Selenium	82-1	20.21	20.21	19.94	20.12	0.76	ppb
Silicon	28-1	82.44	82.39	84.99	83.27	1.78	ppb
Silver	109-1	18.62	18.59	18.93	18.71	1.01	ppb
Silver	107-1	18.87	18.78	18.84	18.83	0.24	ppb
Sodium	23-2	100890.61	99268.53	100315.73	100158.29	0.82	ppb
Strontium	86-1	72.81	73.89	73.85	73.52	0.83	ppb
Strontium	88-1	74.80	75.75	75.42	75.32	0.64	ppb
Sulfur	34-1	75835.10	76117.33	75487.18	75813.21	0.42	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	20.37	20.30	20.29	20.32	0.22	ppb
Thallium	205-1	20.95	20.59	20.46	20.67	1.21	ppb
Tin	118-1	45.62	46.38	47.12	46.37	1.61	ppb
Titanium	47-1	1992.45	1986.55	1986.27	1988.43	0.18	ppb
Uranium	238-1	48.25	49.10	48.33	48.56	0.97	ppb
Vanadium	51-2	20.35	19.96	20.49	20.26	1.36	ppb
Yttrium	89-2						%
Yttrium	89-1						%
Zinc	66-2	32.69	32.65	32.10	32.48	1.01	ppb
Zirconium	90-1	46.39	47.02	47.30	46.90	0.99	ppb

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 15:21:52	DataFile Name :	016ICSB_P7011717-MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	46.34	47.09	46.97	46.80	0.87	ppb

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	CCV90	Instrumnet Name :	P7
Client Sample ID :	CCV90	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 15:25:21	DataFile Name :	017CCV_P7011717-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9892.51	9950.18	9898.21	9913.63	0.32	ppb
Antimony	121-1	502.82	505.25	496.77	501.61	0.87	ppb
Arsenic	75-2	493.24	498.73	496.87	496.28	0.56	ppb
Barium	135-1	2536.18	2536.21	2505.25	2525.88	0.71	ppb
Barium	137-1	2539.73	2525.14	2504.35	2523.07	0.70	ppb
Beryllium	9-1	487.91	481.40	483.46	484.26	0.69	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	474.68	479.88	477.30	477.29	0.54	ppb
Boron	11-1	463.21	469.82	478.13	470.39	1.59	ppb
Cadmium	106-1	499.95	504.16	492.27	498.79	1.21	ppb
Cadmium	108-1	507.01	511.34	498.70	505.68	1.27	ppb
Cadmium	111-1	500.19	503.02	499.84	501.02	0.35	ppb
Calcium	43-1	48736.16	48843.67	48406.04	48661.96	0.47	ppb
Calcium	44-1	48330.96	48346.02	47683.33	48120.10	0.79	ppb
Chromium	52-2	495.99	500.93	504.16	500.36	0.82	ppb
Cobalt	59-2	505.94	515.13	517.28	512.78	1.17	ppb
Copper	63-2	1014.40	1029.17	1025.85	1023.14	0.76	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2						%
Holmium	165-1						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	24438.53	24474.49	24744.55	24552.52	0.68	ppb
Iron	57-2	24158.34	24377.86	24581.05	24372.42	0.87	ppb
Lead	206-1	489.60	489.70	486.63	488.65	0.36	ppb
Lead	207-1	490.01	489.50	489.04	489.52	0.10	ppb
Lead	208-1	494.32	490.18	488.08	490.86	0.65	ppb
Lithium	6-1						%
Magnesium	24-2	51403.07	50830.13	51057.06	51096.75	0.56	ppb
Manganese	55-2	998.70	1004.60	1012.39	1005.23	0.68	ppb

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	CCV90	Instrumnet Name :	P7
Client Sample ID :	CCV90	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 15:25:21	DataFile Name :	017CCV_P7011717-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	490.82	493.70	498.99	494.51	0.84	ppb
Molybdenum	95-1	494.92	491.00	495.43	493.78	0.49	ppb
Molybdenum	96-1	498.97	497.88	501.84	499.56	0.41	ppb
Molybdenum	97-1	493.30	490.46	498.27	494.01	0.80	ppb
Molybdenum	98-1	493.65	499.98	502.01	498.54	0.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	504.08	510.54	513.47	509.36	0.94	ppb
Phosphorus	31-2	10088.81	10447.52	10045.64	10193.99	2.16	ppb
Potassium	39-2	25663.66	25392.85	25027.93	25361.48	1.26	ppb
Rhodium	103-2						%
Rhodium	103-1						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	481.41	499.61	506.60	495.87	2.62	ppb
Selenium	78-2	492.31	508.21	499.85	500.12	1.59	ppb
Selenium	82-1	489.17	494.04	498.38	493.87	0.93	ppb
Silicon	28-1	665.27	665.34	664.68	665.10	0.05	ppb
Silver	109-1	506.43	513.89	505.02	508.45	0.94	ppb
Silver	107-1	506.56	513.94	502.69	507.73	1.13	ppb
Sodium	23-2	50197.06	50540.92	50554.60	50430.86	0.40	ppb
Strontium	86-1	492.62	493.92	497.29	494.61	0.49	ppb
Strontium	88-1	498.75	493.57	503.68	498.67	1.01	ppb
Sulfur	34-1	8965.61	9002.58	8790.40	8919.53	1.27	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	494.68	495.19	495.05	494.97	0.05	ppb
Thallium	205-1	491.15	483.80	489.35	488.10	0.79	ppb
Tin	118-1	505.14	508.00	501.27	504.81	0.67	ppb
Titanium	47-1	498.96	497.61	490.07	495.55	0.97	ppb
Uranium	238-1	498.77	499.33	492.63	496.91	0.75	ppb
Vanadium	51-2	502.20	499.87	505.66	502.58	0.58	ppb
Yttrium	89-2						%
Yttrium	89-1						%
Zinc	66-2	1006.46	1011.98	1011.80	1010.08	0.31	ppb
Zirconium	90-1	492.85	492.89	495.64	493.80	0.32	ppb

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	CCV90	Instrumnet Name :	P7
Client Sample ID :	CCV90	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 15:25:21	DataFile Name :	017CCV_P7011717-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	490.65	492.69	496.79	493.38	0.63	ppb

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	LLCCV01	Instrumnet Name :	P7
Client Sample ID :	LLCCV01	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 15:46:16	DataFile Name :	019LCSE_P7011717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.80	19.73	16.89	18.14	7.99	ppb
Antimony	121-1	1.99	2.00	2.09	2.03	2.85	ppb
Arsenic	75-2	1.06	0.89	0.95	0.97	9.33	ppb
Barium	135-1	8.69	8.63	8.66	8.66	0.32	ppb
Barium	137-1	8.82	8.71	8.99	8.84	1.57	ppb
Beryllium	9-1	0.85	0.91	0.98	0.91	7.16	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	21.77	20.89	24.46	22.37	8.32	ppb
Boron	11-1	22.18	22.64	22.68	22.50	1.23	ppb
Cadmium	106-1	-0.10	-0.04	-0.17	-0.10		ppb
Cadmium	108-1	0.99	1.34	0.65	0.99	35.17	ppb
Cadmium	111-1	0.76	0.78	0.83	0.79	4.81	ppb
Calcium	43-1	424.87	412.75	435.54	424.39	2.69	ppb
Calcium	44-1	424.06	428.03	427.18	426.42	0.49	ppb
Chromium	52-2	1.87	1.86	1.85	1.86	0.64	ppb
Cobalt	59-2	0.97	0.94	0.94	0.95	1.79	ppb
Copper	63-2	1.92	1.81	1.79	1.84	3.93	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2						%
Holmium	165-1						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	44.77	44.91	44.20	44.63	0.84	ppb
Iron	57-2	42.99	44.57	44.96	44.17	2.36	ppb
Lead	206-1	0.89	0.91	0.91	0.90	1.34	ppb
Lead	207-1	0.85	0.92	0.87	0.88	3.85	ppb
Lead	208-1	0.89	0.90	0.91	0.90	0.84	ppb
Lithium	6-1						%
Magnesium	24-2	452.24	466.69	459.50	459.48	1.57	ppb
Manganese	55-2	1.01	0.93	0.97	0.97	3.77	ppb

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	LLCCV01	Instrumnet Name :	P7
Client Sample ID :	LLCCV01	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 15:46:16	DataFile Name :	019LCSE_P7011717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.83	1.78	1.91	1.84	3.71	ppb
Molybdenum	95-1	4.33	4.41	4.58	4.44	2.85	ppb
Molybdenum	96-1	3.84	3.74	3.91	3.83	2.31	ppb
Molybdenum	97-1	4.31	4.37	4.61	4.43	3.62	ppb
Molybdenum	98-1	4.49	4.36	4.51	4.45	1.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.00	1.01	0.85	0.95	9.41	ppb
Phosphorus	31-2	16.00	32.00	17.16	21.72	41.07	ppb
Potassium	39-2	444.28	453.43	453.12	450.27	1.15	ppb
Rhodium	103-2						%
Rhodium	103-1						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	4.14	1.86	4.98	3.66	44.20	ppb
Selenium	78-2	3.94	4.94	3.30	4.06	20.35	ppb
Selenium	82-1	4.35	3.38	4.72	4.15	16.60	ppb
Silicon	28-1	2.31	3.11	5.92	3.78	50.29	ppb
Silver	109-1	0.84	0.85	0.85	0.85	0.13	ppb
Silver	107-1	0.86	0.85	0.79	0.83	4.32	ppb
Sodium	23-2	453.97	468.22	458.20	460.13	1.59	ppb
Strontium	86-1	0.85	0.74	0.82	0.81	7.60	ppb
Strontium	88-1	0.87	0.83	0.85	0.85	2.59	ppb
Sulfur	34-1	-375.07	-562.92	-460.03	-466.01		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.96	0.82	0.91	0.90	7.44	ppb
Thallium	205-1	0.89	0.88	0.93	0.90	3.24	ppb
Tin	118-1	4.31	4.43	4.32	4.35	1.48	ppb
Titanium	47-1	4.31	4.37	4.24	4.31	1.54	ppb
Uranium	238-1	0.88	0.90	0.93	0.91	2.96	ppb
Vanadium	51-2	4.26	4.40	4.47	4.38	2.36	ppb
Yttrium	89-2						%
Yttrium	89-1						%
Zinc	66-2	1.96	1.89	1.67	1.84	8.15	ppb
Zirconium	90-1	0.77	0.78	0.75	0.77	1.52	ppb

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	LLCCV01	Instrumnet Name :	P7
Client Sample ID :	LLCCV01	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 15:46:16	DataFile Name :	019LCSE_P7011717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.72	0.72	0.74	0.73	1.29	ppb

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	CCB90	Instrumnet Name :	P7
Client Sample ID :	CCB90	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 15:49:49	DataFile Name :	020CCBE_P7011717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.30	0.05	-0.04	-0.10		ppb
Antimony	121-1	0.17	0.18	0.19	0.18	4.87	ppb
Arsenic	75-2	0.03	0.04	0.03	0.03	22.25	ppb
Barium	135-1	-0.01	0.00	-0.01	-0.01		ppb
Barium	137-1	0.00	0.01	0.00	0.00	89.65	ppb
Beryllium	9-1	-0.01	-0.01	0.01	0.00		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1.73	1.22	1.69	1.54	18.30	ppb
Boron	11-1	1.45	1.82	1.05	1.44	26.74	ppb
Cadmium	106-1	-0.18	-1.57	-0.31	-0.69		ppb
Cadmium	108-1	-0.02	0.05	-0.05	-0.01		ppb
Cadmium	111-1	-0.02	-0.12	-0.02	-0.05		ppb
Calcium	43-1	-2.23	-0.18	0.98	-0.48		ppb
Calcium	44-1	-6.29	-4.43	-4.92	-5.22		ppb
Chromium	52-2	-0.02	0.00	-0.03	-0.02		ppb
Cobalt	59-2	0.00	-0.01	0.00	-0.01		ppb
Copper	63-2	-0.06	-0.09	-0.12	-0.09		ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2						%
Holmium	165-1						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.23	0.14	0.32	0.23	39.30	ppb
Iron	57-2	0.58	0.23	0.92	0.58	59.69	ppb
Lead	206-1	0.02	0.02	-0.01	0.01	162.49	ppb
Lead	207-1	0.03	0.03	0.03	0.03	11.06	ppb
Lead	208-1	0.02	0.02	0.01	0.02	39.19	ppb
Lithium	6-1						%
Magnesium	24-2	0.13	0.27	0.15	0.18	41.19	ppb
Manganese	55-2	0.01	-0.02	0.02	0.00	461.31	ppb

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	CCB90	Instrumnet Name :	P7
Client Sample ID :	CCB90	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 15:49:49	DataFile Name :	020CCBE_P7011717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.06	0.05	0.07	0.06	10.86	ppb
Molybdenum	95-1	0.10	0.15	0.19	0.15	27.85	ppb
Molybdenum	96-1	0.11	0.11	0.16	0.13	23.48	ppb
Molybdenum	97-1	0.09	0.13	0.17	0.13	32.10	ppb
Molybdenum	98-1	0.11	0.15	0.17	0.14	20.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.02	-0.02	-0.01		ppb
Phosphorus	31-2	-15.17	-1.68	6.06	-3.60		ppb
Potassium	39-2	7.02	1.27	0.79	3.03	114.63	ppb
Rhodium	103-2						%
Rhodium	103-1						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.88	-0.88	-0.88	-0.88		ppb
Selenium	78-2	-0.91	-0.78	0.32	-0.46		ppb
Selenium	82-1	-0.41	-0.87	-0.55	-0.61		ppb
Silicon	28-1	-5.01	-0.18	2.25	-0.98		ppb
Silver	109-1	0.01	0.00	0.01	0.01	84.18	ppb
Silver	107-1	0.01	0.00	0.00	0.00	25.43	ppb
Sodium	23-2	8.94	8.40	8.05	8.46	5.29	ppb
Strontium	86-1	-0.02	0.00	-0.01	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-429.74	-296.59	-302.41	-342.91		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.00	0.00	93.96	ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.04	0.03	0.04	0.03	15.21	ppb
Titanium	47-1	0.02	0.00	0.03	0.02	81.08	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	89-2						%
Yttrium	89-1						%
Zinc	66-2	-0.03	-0.04	-0.09	-0.05		ppb
Zirconium	90-1	0.02	0.03	0.03	0.03	28.48	ppb

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	CCB90	Instrumnet Name :	P7
Client Sample ID :	CCB90	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 15:49:49	DataFile Name :	020CCBE_P7011717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.03	0.03	0.03	22.37	ppb

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 15:53:21	DataFile Name :	021SMPL_P7011717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.50	18.21	19.62	19.78	8.34	ppb
Antimony	121-1	1.88	1.87	1.85	1.87	0.83	ppb
Arsenic	75-2	0.87	0.95	1.03	0.95	8.38	ppb
Barium	135-1	8.60	8.72	8.57	8.63	0.87	ppb
Barium	137-1	8.89	8.80	9.23	8.97	2.49	ppb
Beryllium	9-1	0.93	0.75	0.79	0.82	11.03	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	22.14	23.54	25.04	23.58	6.14	ppb
Boron	11-1	21.75	22.90	22.80	22.48	2.83	ppb
Cadmium	106-1	-0.62	0.87	-0.11	0.05	1607.00	ppb
Cadmium	108-1	0.83	1.03	0.97	0.94	10.60	ppb
Cadmium	111-1	0.80	0.91	0.86	0.86	6.61	ppb
Calcium	43-1	439.25	439.31	429.21	435.92	1.33	ppb
Calcium	44-1	431.24	431.11	432.93	431.76	0.24	ppb
Chromium	52-2	1.89	1.85	1.86	1.87	1.22	ppb
Cobalt	59-2	0.96	0.95	0.95	0.95	0.54	ppb
Copper	63-2	1.85	1.82	1.72	1.80	3.90	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2						%
Holmium	165-1						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	44.20	45.77	44.39	44.79	1.92	ppb
Iron	57-2	44.48	43.64	43.20	43.77	1.49	ppb
Lead	206-1	0.93	0.92	0.95	0.93	1.56	ppb
Lead	207-1	0.95	0.88	0.90	0.91	3.92	ppb
Lead	208-1	0.93	0.92	0.92	0.92	0.81	ppb
Lithium	6-1						%
Magnesium	24-2	465.66	465.69	465.00	465.45	0.08	ppb
Manganese	55-2	0.97	0.91	0.98	0.95	3.88	ppb

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 15:53:21	DataFile Name :	021SMPL_P7011717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.92	1.81	1.88	1.87	3.09	ppb
Molybdenum	95-1	4.33	4.44	4.29	4.35	1.77	ppb
Molybdenum	96-1	3.77	3.65	3.88	3.77	3.05	ppb
Molybdenum	97-1	4.34	4.32	4.55	4.40	2.96	ppb
Molybdenum	98-1	4.29	4.43	4.39	4.37	1.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.97	0.94	0.93	0.95	2.02	ppb
Phosphorus	31-2	4.74	2.71	22.71	10.06	109.44	ppb
Potassium	39-2	457.68	447.14	443.79	449.54	1.61	ppb
Rhodium	103-2						%
Rhodium	103-1						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	4.17	3.62	4.50	4.10	10.79	ppb
Selenium	78-2	3.67	3.99	3.49	3.72	6.75	ppb
Selenium	82-1	4.16	4.66	4.20	4.34	6.35	ppb
Silicon	28-1	4.49	5.18	3.97	4.55	13.41	ppb
Silver	109-1	0.97	0.89	0.91	0.93	4.50	ppb
Silver	107-1	0.90	0.95	0.97	0.94	3.52	ppb
Sodium	23-2	460.12	469.17	462.22	463.84	1.02	ppb
Strontium	86-1	0.77	0.89	0.82	0.83	7.33	ppb
Strontium	88-1	0.85	0.88	0.84	0.86	2.44	ppb
Sulfur	34-1	-336.57	-257.71	-221.94	-272.07		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.88	0.84	0.84	0.85	3.10	ppb
Thallium	205-1	0.92	0.85	0.90	0.89	4.44	ppb
Tin	118-1	4.45	4.50	4.60	4.52	1.72	ppb
Titanium	47-1	4.28	4.03	4.41	4.24	4.48	ppb
Uranium	238-1	0.93	0.89	0.91	0.91	2.17	ppb
Vanadium	51-2	4.55	4.56	4.43	4.51	1.58	ppb
Yttrium	89-2						%
Yttrium	89-1						%
Zinc	66-2	2.09	2.31	2.12	2.18	5.46	ppb
Zirconium	90-1	0.77	0.76	0.77	0.76	0.68	ppb

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 15:53:21	DataFile Name :	021SMPL_P7011717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.75	0.82	0.78	0.78	4.26	ppb

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	PB96120BL	Instrumnet Name :	P7
Client Sample ID :	PB96120BL	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 16:00:51	DataFile Name :	023CCBE_P7011717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.30	-0.40	-0.22	-0.31		ppb
Antimony	121-1	0.07	0.08	0.09	0.08	10.30	ppb
Arsenic	75-2	0.03	0.04	0.02	0.03	47.03	ppb
Barium	135-1	-0.01	-0.01	0.00	0.00		ppb
Barium	137-1	0.00	0.00	0.01	0.00	651.93	ppb
Beryllium	9-1	0.02	0.01	-0.02	0.00	489.16	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	0.79	1.36	1.15	1.10	25.95	ppb
Boron	11-1	0.90	0.89	1.13	0.97	13.62	ppb
Cadmium	106-1	-0.81	0.02	-0.03	-0.27		ppb
Cadmium	108-1	-0.08	0.00	0.05	-0.01		ppb
Cadmium	111-1	-0.06	0.00	-0.01	-0.02		ppb
Calcium	43-1	1.35	0.69	0.77	0.94	38.22	ppb
Calcium	44-1	-3.55	-4.07	-4.36	-3.99		ppb
Chromium	52-2	-0.04	-0.01	0.01	-0.01		ppb
Cobalt	59-2	-0.01	-0.02	-0.01	-0.01		ppb
Copper	63-2	-0.12	-0.11	-0.08	-0.10		ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2						%
Holmium	165-1						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.13	0.08	0.18	0.13	34.39	ppb
Iron	57-2	0.33	0.77	0.17	0.42	74.01	ppb
Lead	206-1	0.01	0.00	0.00	0.00	115.07	ppb
Lead	207-1	0.00	0.00	0.01	0.01	94.07	ppb
Lead	208-1	0.01	0.01	0.01	0.01	6.32	ppb
Lithium	6-1						%
Magnesium	24-2	-0.07	0.04	-0.19	-0.07		ppb
Manganese	55-2	0.00	0.00	0.02	0.01	146.18	ppb

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	PB96120BL	Instrumnet Name :	P7
Client Sample ID :	PB96120BL	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 16:00:51	DataFile Name :	023CCBE_P7011717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.03	0.04	0.03	25.41	ppb
Molybdenum	95-1	0.07	0.08	0.13	0.09	37.40	ppb
Molybdenum	96-1	0.04	0.08	0.10	0.07	37.79	ppb
Molybdenum	97-1	0.08	0.13	0.12	0.11	21.51	ppb
Molybdenum	98-1	0.07	0.07	0.08	0.08	4.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.01	-0.02	-0.01		ppb
Phosphorus	31-2	-1.05	-11.25	-25.13	-12.48		ppb
Potassium	39-2	5.22	1.57	-0.15	2.21	123.88	ppb
Rhodium	103-2						%
Rhodium	103-1						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.42	-0.42	-0.88	-0.58		ppb
Selenium	78-2	0.96	-0.57	-0.78	-0.13		ppb
Selenium	82-1	0.07	-0.42	-0.35	-0.23		ppb
Silicon	28-1	1.50	-0.94	4.76	1.77	161.03	ppb
Silver	109-1	0.01	0.00	0.01	0.00	80.66	ppb
Silver	107-1	0.00	0.00	0.01	0.00	86.66	ppb
Sodium	23-2	7.90	4.89	6.31	6.37	23.69	ppb
Strontium	86-1	0.00	0.01	0.02	0.01	136.74	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	86.13	ppb
Sulfur	34-1	-75.41	-180.41	-85.04	-113.62		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00	296.59	ppb
Tin	118-1	0.01	0.00	0.01	0.01	79.67	ppb
Titanium	47-1	0.03	0.03	0.05	0.04	27.43	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	89-2						%
Yttrium	89-1						%
Zinc	66-2	-0.04	-0.08	-0.09	-0.07		ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	6.49	ppb

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	PB96120BL	Instrumnet Name :	P7
Client Sample ID :	PB96120BL	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 16:00:51	DataFile Name :	023CCBE_P7011717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.00	0.02	0.01	81.22	ppb

LB Number : LB85407 Operator : Jaswal
 Lab Sample ID : H6103-01 Instrumnet Name : P7
 Client Sample ID : LOD-SOIL-01-QT1-2017 Dilution Factor : 1
 Date & Time Acquired :: 2017-01-17 16:04:24 DataFile Name : 024SMPL_P7011717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.38	7.19	7.45	7.34	1.84	ppb
Antimony	121-1	0.32	0.30	0.34	0.32	6.21	ppb
Arsenic	75-2	0.47	0.38	0.47	0.44	12.08	ppb
Barium	135-1	2.00	1.86	1.89	1.92	3.78	ppb
Barium	137-1	1.95	1.96	2.07	1.99	3.51	ppb
Beryllium	9-1	0.38	0.36	0.33	0.36	6.37	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	0.92	1.37	1.43	1.24	22.41	ppb
Boron	11-1	0.99	1.23	1.38	1.20	16.50	ppb
Cadmium	106-1	0.21	-0.39	1.04	0.29	248.45	ppb
Cadmium	108-1	0.46	0.44	0.32	0.41	19.30	ppb
Cadmium	111-1	0.39	0.31	0.45	0.38	18.89	ppb
Calcium	43-1	36.52	34.10	37.81	36.14	5.22	ppb
Calcium	44-1	32.55	32.72	33.27	32.85	1.14	ppb
Chromium	52-2	0.41	0.42	0.41	0.41	2.13	ppb
Cobalt	59-2	0.41	0.40	0.40	0.40	1.58	ppb
Copper	63-2	0.69	0.69	0.72	0.70	1.95	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2						%
Holmium	165-1						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	19.44	19.43	19.47	19.44	0.10	ppb
Iron	57-2	20.00	17.55	20.11	19.22	7.52	ppb
Lead	206-1	0.41	0.33	0.37	0.37	10.88	ppb
Lead	207-1	0.40	0.38	0.37	0.38	3.86	ppb
Lead	208-1	0.40	0.36	0.39	0.39	5.33	ppb
Lithium	6-1						%
Magnesium	24-2	41.25	40.79	42.69	41.58	2.38	ppb
Manganese	55-2	0.85	0.83	0.79	0.82	3.99	ppb

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	H6103-01	Instrumnet Name :	P7
Client Sample ID :	LOD-SOIL-01-QT1-2017	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 16:04:24	DataFile Name :	024SMPL_P7011717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.37	0.35	0.35	0.36	3.10	ppb
Molybdenum	95-1	0.46	0.45	0.39	0.43	8.81	ppb
Molybdenum	96-1	0.41	0.41	0.45	0.43	5.27	ppb
Molybdenum	97-1	0.40	0.47	0.40	0.42	9.56	ppb
Molybdenum	98-1	0.38	0.45	0.46	0.43	9.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.44	0.43	0.45	0.44	2.53	ppb
Phosphorus	31-2	2.76	11.70	0.48	4.98	119.02	ppb
Potassium	39-2	30.21	28.92	22.66	27.27	14.81	ppb
Rhodium	103-2						%
Rhodium	103-1						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.98	0.05	0.04	0.36	152.11	ppb
Selenium	78-2	1.67	1.64	2.32	1.88	20.49	ppb
Selenium	82-1	1.38	1.76	1.95	1.70	17.26	ppb
Silicon	28-1	7.62	6.55	5.80	6.66	13.78	ppb
Silver	109-1	0.37	0.35	0.42	0.38	8.94	ppb
Silver	107-1	0.41	0.41	0.39	0.40	2.93	ppb
Sodium	23-2	48.05	47.12	48.15	47.77	1.18	ppb
Strontium	86-1	0.31	0.39	0.33	0.34	10.89	ppb
Strontium	88-1	0.40	0.38	0.39	0.39	2.30	ppb
Sulfur	34-1	-47.99	36.45	195.77	61.41	201.57	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.38	0.37	0.37	0.37	2.58	ppb
Thallium	205-1	0.39	0.37	0.38	0.38	2.23	ppb
Tin	118-1	0.40	0.36	0.42	0.40	7.43	ppb
Titanium	47-1	0.37	0.50	0.43	0.43	15.60	ppb
Uranium	238-1	0.36	0.35	0.38	0.36	3.41	ppb
Vanadium	51-2	0.39	0.41	0.38	0.39	3.44	ppb
Yttrium	89-2						%
Yttrium	89-1						%
Zinc	66-2	0.63	0.67	0.75	0.68	9.16	ppb
Zirconium	90-1	0.35	0.32	0.27	0.31	13.12	ppb

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	H6103-01	Instrumnet Name :	P7
Client Sample ID :	LOD-SOIL-01-QT1-2017	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 16:04:24	DataFile Name :	024SMPL_P7011717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.38	0.32	0.27	0.32	17.53	ppb

LB Number : LB85407 Operator : Jaswal
 Lab Sample ID : H6103-02 Instrumnet Name : P7
 Client Sample ID : LOQ-SOIL-02-QT1-2017 Dilution Factor : 1
 Date & Time Acquired :: 2017-01-17 16:07:57 DataFile Name : 025SMPL_P7011717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36.35	35.92	35.46	35.91	1.25	ppb
Antimony	121-1	3.60	3.55	3.38	3.51	3.21	ppb
Arsenic	75-2	1.86	1.79	1.75	1.80	3.12	ppb
Barium	135-1	17.67	17.48	18.04	17.73	1.59	ppb
Barium	137-1	17.72	17.79	17.42	17.64	1.12	ppb
Beryllium	9-1	1.54	1.68	2.04	1.75	14.48	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	43.49	49.28	43.86	45.54	7.11	ppb
Boron	11-1	44.66	44.14	44.28	44.36	0.61	ppb
Cadmium	106-1	1.69	1.57	0.94	1.40	28.95	ppb
Cadmium	108-1	2.08	2.11	2.02	2.07	2.26	ppb
Cadmium	111-1	1.90	1.67	1.78	1.78	6.24	ppb
Calcium	43-1	849.91	889.62	862.27	867.27	2.34	ppb
Calcium	44-1	866.27	858.61	860.47	861.78	0.46	ppb
Chromium	52-2	3.65	3.69	3.72	3.69	0.90	ppb
Cobalt	59-2	1.83	1.83	1.82	1.82	0.31	ppb
Copper	63-2	3.67	3.68	3.62	3.66	0.91	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2						%
Holmium	165-1						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	88.34	88.66	89.93	88.98	0.94	ppb
Iron	57-2	90.79	92.60	86.14	89.84	3.71	ppb
Lead	206-1	1.76	1.73	1.79	1.76	1.69	ppb
Lead	207-1	1.78	1.76	1.71	1.75	2.03	ppb
Lead	208-1	1.79	1.79	1.77	1.78	0.85	ppb
Lithium	6-1						%
Magnesium	24-2	932.29	927.98	939.52	933.27	0.62	ppb
Manganese	55-2	1.88	1.82	1.85	1.85	1.77	ppb

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	H6103-02	Instrumnet Name :	P7
Client Sample ID :	LOQ-SOIL-02-QT1-2017	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 16:07:57	DataFile Name :	025SMPL_P7011717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	3.69	3.65	3.65	3.66	0.57	ppb
Molybdenum	95-1	8.40	8.55	8.55	8.50	1.02	ppb
Molybdenum	96-1	7.55	7.36	7.33	7.41	1.63	ppb
Molybdenum	97-1	8.35	8.46	8.51	8.44	0.93	ppb
Molybdenum	98-1	8.34	8.62	8.54	8.50	1.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.07	1.90	1.88	1.95	5.12	ppb
Phosphorus	31-2	21.96	44.97	35.83	34.25	33.83	ppb
Potassium	39-2	913.30	900.52	914.58	909.47	0.85	ppb
Rhodium	103-2						%
Rhodium	103-1						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	5.65	8.80	10.20	8.22	28.38	ppb
Selenium	78-2	8.39	9.17	7.09	8.22	12.83	ppb
Selenium	82-1	9.04	8.04	9.32	8.80	7.64	ppb
Silicon	28-1	19.69	18.52	14.19	17.46	16.59	ppb
Silver	109-1	1.66	1.64	1.66	1.65	0.77	ppb
Silver	107-1	1.66	1.67	1.63	1.65	1.17	ppb
Sodium	23-2	914.12	909.37	924.72	916.07	0.86	ppb
Strontium	86-1	1.58	1.64	1.71	1.64	3.97	ppb
Strontium	88-1	1.67	1.67	1.70	1.68	1.02	ppb
Sulfur	34-1	173.36	220.95	57.34	150.55	55.90	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	1.77	1.79	1.75	1.77	1.28	ppb
Thallium	205-1	1.75	1.75	1.74	1.75	0.42	ppb
Tin	118-1	8.95	8.67	8.69	8.77	1.79	ppb
Titanium	47-1	8.83	8.74	8.51	8.69	1.85	ppb
Uranium	238-1	1.73	1.83	1.82	1.79	2.92	ppb
Vanadium	51-2	8.79	8.94	9.09	8.94	1.67	ppb
Yttrium	89-2						%
Yttrium	89-1						%
Zinc	66-2	3.54	3.66	3.82	3.68	3.85	ppb
Zirconium	90-1	1.52	1.53	1.53	1.53	0.23	ppb

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	H6103-02	Instrumnet Name :	P7
Client Sample ID :	LOQ-SOIL-02-QT1-2017	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 16:07:57	DataFile Name :	025SMPL_P7011717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.62	1.66	1.40	1.56	8.92	ppb

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	PB96121BL	Instrumnet Name :	P7
Client Sample ID :	PB96121BL	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 16:11:30	DataFile Name :	026SMPL_P7011717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.39	-0.48	-0.30	-0.39		ppb
Antimony	121-1	0.05	0.07	0.08	0.07	20.36	ppb
Arsenic	75-2	-0.01	0.04	0.01	0.01	174.27	ppb
Barium	135-1	-0.01	-0.01	-0.01	-0.01		ppb
Barium	137-1	0.00	0.00	0.00	0.00	81.28	ppb
Beryllium	9-1	-0.01	0.01	-0.01	-0.01		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1.18	1.12	0.79	1.03	20.09	ppb
Boron	11-1	0.98	0.89	0.94	0.94	4.75	ppb
Cadmium	106-1	-0.31	-1.02	0.25	-0.36		ppb
Cadmium	108-1	-0.05	-0.08	-0.02	-0.05		ppb
Cadmium	111-1	-0.02	-0.08	0.01	-0.03		ppb
Calcium	43-1	-0.04	2.26	1.08	1.10	104.55	ppb
Calcium	44-1	-3.17	-5.35	-4.54	-4.35		ppb
Chromium	52-2	0.02	-0.07	0.02	-0.01		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.11	-0.10	-0.14	-0.12		ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2						%
Holmium	165-1						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.15	0.10	0.05	0.10	48.34	ppb
Iron	57-2	0.19	0.65	0.49	0.45	52.38	ppb
Lead	206-1	-0.01	0.00	0.00	0.00	9423.13	ppb
Lead	207-1	0.00	0.02	0.01	0.01	73.51	ppb
Lead	208-1	0.01	0.01	0.01	0.01	26.09	ppb
Lithium	6-1						%
Magnesium	24-2	-0.14	0.01	0.09	-0.02		ppb
Manganese	55-2	0.00	0.01	-0.01	0.00		ppb

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	PB96121BL	Instrumnet Name :	P7
Client Sample ID :	PB96121BL	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 16:11:30	DataFile Name :	026SMPL_P7011717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.05	0.05	0.05	22.91	ppb
Molybdenum	95-1	0.06	0.07	0.10	0.07	29.68	ppb
Molybdenum	96-1	0.06	0.08	0.09	0.07	21.59	ppb
Molybdenum	97-1	0.07	0.09	0.14	0.10	35.58	ppb
Molybdenum	98-1	0.06	0.07	0.08	0.07	12.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.02	-0.01	0.00		ppb
Phosphorus	31-2	14.23	-8.79	-18.53	-4.36		ppb
Potassium	39-2	5.15	1.02	7.51	4.56	72.10	ppb
Rhodium	103-2						%
Rhodium	103-1						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.42	-0.88	-0.88	-0.73		ppb
Selenium	78-2	-0.17	-0.62	-0.11	-0.30		ppb
Selenium	82-1	-0.80	-0.36	-0.87	-0.68		ppb
Silicon	28-1	9.01	8.71	6.87	8.20	14.16	ppb
Silver	109-1	0.01	0.00	0.00	0.00	94.14	ppb
Silver	107-1	0.01	0.01	0.01	0.01	9.28	ppb
Sodium	23-2	8.82	7.12	5.65	7.20	22.03	ppb
Strontium	86-1	-0.02	-0.08	-0.04	-0.05		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	338.03	191.98	113.63	214.55	53.08	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.01	-0.01	0.00	0.00		ppb
Titanium	47-1	0.02	0.03	0.05	0.03	46.81	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	89-2						%
Yttrium	89-1						%
Zinc	66-2	-0.13	-0.11	-0.04	-0.09		ppb
Zirconium	90-1	0.04	0.04	0.04	0.04	4.57	ppb

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	PB96121BL	Instrumnet Name :	P7
Client Sample ID :	PB96121BL	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 16:11:30	DataFile Name :	026SMPL_P7011717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.02	0.02	0.02	15.02	ppb

LB Number : LB85407 Operator : Jaswal
 Lab Sample ID : H6103-05 Instrumnet Name : P7
 Client Sample ID : LOD-WATER-05-QT1-20 Dilution Factor : 1
 Date & Time Acquired :: 2017-01-17 16:15:03 DataFile Name : 027SMPL_P7011717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.20	6.78	6.87	6.62	5.45	ppb
Antimony	121-1	0.28	0.32	0.31	0.31	7.55	ppb
Arsenic	75-2	0.40	0.37	0.39	0.39	3.82	ppb
Barium	135-1	1.79	1.85	2.05	1.90	7.29	ppb
Barium	137-1	1.96	1.82	2.07	1.95	6.63	ppb
Beryllium	9-1	0.42	0.36	0.48	0.42	14.41	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	0.86	1.05	0.37	0.76	46.00	ppb
Boron	11-1	1.12	1.18	0.98	1.10	9.32	ppb
Cadmium	106-1	0.22	-0.39	-0.24	-0.14		ppb
Cadmium	108-1	0.40	0.38	0.48	0.42	11.94	ppb
Cadmium	111-1	0.39	0.31	0.37	0.36	12.35	ppb
Calcium	43-1	32.55	36.78	38.81	36.05	8.85	ppb
Calcium	44-1	33.23	33.52	31.60	32.78	3.16	ppb
Chromium	52-2	0.39	0.40	0.38	0.39	2.30	ppb
Cobalt	59-2	0.41	0.39	0.36	0.39	6.09	ppb
Copper	63-2	0.73	0.73	0.71	0.73	1.42	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2						%
Holmium	165-1						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	19.34	19.42	19.62	19.46	0.74	ppb
Iron	57-2	19.97	19.32	19.85	19.71	1.76	ppb
Lead	206-1	0.42	0.38	0.39	0.40	4.81	ppb
Lead	207-1	0.36	0.40	0.40	0.39	5.55	ppb
Lead	208-1	0.39	0.40	0.39	0.39	0.72	ppb
Lithium	6-1						%
Magnesium	24-2	41.75	40.60	41.86	41.40	1.68	ppb
Manganese	55-2	0.78	0.87	0.75	0.80	7.53	ppb

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	H6103-05	Instrumnet Name :	P7
Client Sample ID :	LOD-WATER-05-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 16:15:03	DataFile Name :	027SMPL_P7011717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.33	0.37	0.34	0.35	5.21	ppb
Molybdenum	95-1	0.36	0.42	0.46	0.41	12.89	ppb
Molybdenum	96-1	0.43	0.40	0.43	0.42	3.42	ppb
Molybdenum	97-1	0.44	0.47	0.46	0.46	3.96	ppb
Molybdenum	98-1	0.40	0.44	0.42	0.42	5.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.39	0.33	0.40	0.37	9.76	ppb
Phosphorus	31-2	7.75	4.05	4.00	5.27	40.82	ppb
Potassium	39-2	26.10	25.16	22.67	24.64	7.18	ppb
Rhodium	103-2						%
Rhodium	103-1						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	2.89	1.47	0.05	1.47	96.87	ppb
Selenium	78-2	1.01	1.48	1.40	1.30	19.22	ppb
Selenium	82-1	1.80	0.97	1.79	1.52	31.40	ppb
Silicon	28-1	8.39	7.29	7.72	7.80	7.14	ppb
Silver	109-1	0.42	0.38	0.43	0.41	5.75	ppb
Silver	107-1	0.39	0.39	0.42	0.40	4.97	ppb
Sodium	23-2	45.41	44.06	45.78	45.08	2.00	ppb
Strontium	86-1	0.36	0.38	0.38	0.38	2.78	ppb
Strontium	88-1	0.39	0.38	0.39	0.39	1.26	ppb
Sulfur	34-1	454.16	481.14	419.06	451.45	6.90	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.38	0.36	0.38	0.37	3.19	ppb
Thallium	205-1	0.38	0.36	0.38	0.37	2.71	ppb
Tin	118-1	0.41	0.40	0.40	0.40	1.47	ppb
Titanium	47-1	0.42	0.44	0.49	0.45	8.30	ppb
Uranium	238-1	0.38	0.38	0.38	0.38	0.59	ppb
Vanadium	51-2	0.41	0.43	0.37	0.40	7.64	ppb
Yttrium	89-2						%
Yttrium	89-1						%
Zinc	66-2	0.76	0.73	0.65	0.71	8.24	ppb
Zirconium	90-1	0.32	0.32	0.32	0.32	0.65	ppb

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	H6103-05	Instrumnet Name :	P7
Client Sample ID :	LOD-WATER-05-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 16:15:03	DataFile Name :	027SMPL_P7011717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.28	0.33	0.34	0.32	9.77	ppb

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	H6103-06	Instrumnet Name :	P7
Client Sample ID :	LOQ-WATER-06-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 16:18:37	DataFile Name :	028SMPL_P7011717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39.87	39.93	38.95	39.59	1.39	ppb
Antimony	121-1	3.40	3.46	3.43	3.43	1.00	ppb
Arsenic	75-2	2.25	1.74	1.95	1.98	12.91	ppb
Barium	135-1	17.51	17.85	17.86	17.74	1.12	ppb
Barium	137-1	17.63	17.50	17.59	17.58	0.38	ppb
Beryllium	9-1	1.85	1.96	1.85	1.89	3.36	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	43.93	44.08	47.78	45.26	4.82	ppb
Boron	11-1	42.79	42.70	45.18	43.56	3.23	ppb
Cadmium	106-1	1.89	1.02	0.68	1.20	51.91	ppb
Cadmium	108-1	1.62	1.82	2.35	1.93	19.53	ppb
Cadmium	111-1	1.80	1.75	1.74	1.76	2.00	ppb
Calcium	43-1	892.76	870.92	847.41	870.36	2.61	ppb
Calcium	44-1	857.66	859.55	874.91	864.04	1.09	ppb
Chromium	52-2	3.86	3.75	3.83	3.81	1.55	ppb
Cobalt	59-2	1.92	1.85	1.92	1.90	2.16	ppb
Copper	63-2	3.80	3.70	3.76	3.76	1.36	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2						%
Holmium	165-1						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	90.39	89.72	90.65	90.25	0.53	ppb
Iron	57-2	90.05	87.64	90.79	89.49	1.84	ppb
Lead	206-1	1.76	1.82	1.79	1.79	1.68	ppb
Lead	207-1	1.71	1.75	1.73	1.73	1.40	ppb
Lead	208-1	1.77	1.80	1.78	1.78	0.93	ppb
Lithium	6-1						%
Magnesium	24-2	961.87	965.67	964.73	964.09	0.21	ppb
Manganese	55-2	1.90	1.81	1.91	1.87	2.93	ppb

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	H6103-06	Instrumnet Name :	P7
Client Sample ID :	LOQ-WATER-06-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 16:18:37	DataFile Name :	028SMPL_P7011717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	3.81	3.64	3.62	3.69	2.80	ppb
Molybdenum	95-1	8.74	8.62	8.58	8.65	0.99	ppb
Molybdenum	96-1	7.78	7.57	7.40	7.58	2.51	ppb
Molybdenum	97-1	8.71	8.66	8.35	8.57	2.26	ppb
Molybdenum	98-1	8.81	8.75	8.50	8.69	1.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.97	1.91	1.89	1.92	2.16	ppb
Phosphorus	31-2	24.52	34.32	20.10	26.31	27.65	ppb
Potassium	39-2	935.90	900.28	913.58	916.59	1.96	ppb
Rhodium	103-2						%
Rhodium	103-1						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	9.03	7.04	7.98	8.02	12.47	ppb
Selenium	78-2	9.75	7.98	9.97	9.23	11.84	ppb
Selenium	82-1	8.73	8.92	8.56	8.74	2.08	ppb
Silicon	28-1	13.46	10.50	15.11	13.02	17.92	ppb
Silver	109-1	1.67	1.68	1.59	1.65	2.93	ppb
Silver	107-1	1.69	1.62	1.61	1.64	2.73	ppb
Sodium	23-2	935.05	930.89	943.19	936.38	0.67	ppb
Strontium	86-1	1.76	1.56	1.88	1.73	9.22	ppb
Strontium	88-1	1.76	1.73	1.68	1.72	2.26	ppb
Sulfur	34-1	205.21	220.47	416.90	280.86	42.04	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	1.78	1.78	1.80	1.79	0.84	ppb
Thallium	205-1	1.68	1.78	1.72	1.73	2.88	ppb
Tin	118-1	8.96	8.88	8.70	8.84	1.50	ppb
Titanium	47-1	8.55	8.36	8.33	8.41	1.45	ppb
Uranium	238-1	1.81	1.85	1.82	1.83	1.31	ppb
Vanadium	51-2	9.13	8.93	9.00	9.02	1.14	ppb
Yttrium	89-2						%
Yttrium	89-1						%
Zinc	66-2	3.99	3.59	3.68	3.76	5.61	ppb
Zirconium	90-1	1.63	1.58	1.58	1.60	1.97	ppb

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	H6103-06	Instrumnet Name :	P7
Client Sample ID :	LOQ-WATER-06-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 16:18:37	DataFile Name :	028SMPL_P7011717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.59	1.61	1.56	1.59	1.37	ppb

LB Number : LB85407 Operator : Jaswal
 Lab Sample ID : PB96119BL Instrumnet Name : P7
 Client Sample ID : PB96119BL Dilution Factor : 1
 Date & Time Acquired :: 2017-01-17 16:22:10 DataFile Name : 029SMPL_P7011717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.21	-0.30	-0.48	-0.33		ppb
Antimony	121-1	0.04	0.08	0.05	0.06	34.66	ppb
Arsenic	75-2	0.00	0.03	0.01	0.01	103.80	ppb
Barium	135-1	0.00	0.00	0.00	0.00	275.48	ppb
Barium	137-1	0.00	0.00	0.00	0.00	424.46	ppb
Beryllium	9-1	0.01	0.02	0.00	0.01	120.95	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1.04	0.65	1.28	0.99	32.25	ppb
Boron	11-1	1.10	0.78	0.83	0.90	19.30	ppb
Cadmium	106-1	-0.91	-0.60	0.78	-0.24		ppb
Cadmium	108-1	-0.05	-0.02	0.05	-0.01		ppb
Cadmium	111-1	-0.07	-0.05	0.05	-0.02		ppb
Calcium	43-1	2.55	3.61	-1.56	1.53	178.17	ppb
Calcium	44-1	-5.29	-4.74	-4.32	-4.78		ppb
Chromium	52-2	0.03	0.04	-0.01	0.02	168.69	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.15	-0.14	-0.13	-0.14		ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2						%
Holmium	165-1						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	-0.12	0.04	0.11	0.01	1037.08	ppb
Iron	57-2	0.73	0.10	0.26	0.36	90.69	ppb
Lead	206-1	0.01	-0.01	0.01	0.00	408.16	ppb
Lead	207-1	0.01	0.01	0.00	0.01	83.23	ppb
Lead	208-1	0.01	0.00	0.01	0.00	73.48	ppb
Lithium	6-1						%
Magnesium	24-2	-0.11	0.24	0.13	0.09	205.08	ppb
Manganese	55-2	0.00	-0.02	0.00	0.00		ppb

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	PB96119BL	Instrumnet Name :	P7
Client Sample ID :	PB96119BL	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 16:22:10	DataFile Name :	029SMPL_P7011717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.04	0.03	0.06	0.04	28.32	ppb
Molybdenum	95-1	0.04	0.08	0.09	0.07	40.77	ppb
Molybdenum	96-1	0.06	0.08	0.09	0.08	20.69	ppb
Molybdenum	97-1	0.07	0.07	0.06	0.07	11.46	ppb
Molybdenum	98-1	0.06	0.05	0.08	0.06	20.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.01	-0.01	-0.01		ppb
Phosphorus	31-2	-8.82	-13.67	-2.51	-8.34		ppb
Potassium	39-2	-0.15	2.23	8.28	3.45	125.90	ppb
Rhodium	103-2						%
Rhodium	103-1						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.41	-0.88	-0.41	-0.57		ppb
Selenium	78-2	-0.57	-0.69	-0.11	-0.46		ppb
Selenium	82-1	-0.58	-0.17	-0.31	-0.35		ppb
Silicon	28-1	7.73	2.38	4.14	4.75	57.44	ppb
Silver	109-1	0.00	0.01	0.01	0.01	43.23	ppb
Silver	107-1	0.00	0.00	0.01	0.00	177.53	ppb
Sodium	23-2	3.10	1.54	4.69	3.11	50.70	ppb
Strontium	86-1	0.00	-0.02	-0.02	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	29.39	ppb
Sulfur	34-1	400.60	222.51	261.25	294.79	31.77	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	-0.03	0.01	0.03	0.00	750.35	ppb
Titanium	47-1	0.02	0.03	0.02	0.02	37.63	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	89-2						%
Yttrium	89-1						%
Zinc	66-2	-0.05	-0.05	-0.17	-0.09		ppb
Zirconium	90-1	0.04	0.05	0.05	0.04	14.10	ppb

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	PB96119BL	Instrumnet Name :	P7
Client Sample ID :	PB96119BL	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 16:22:10	DataFile Name :	029SMPL_P7011717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.05	0.04	0.04	22.76	ppb

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	H6103-05RE	Instrumnet Name :	P7
Client Sample ID :	LOD-WATER-05-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 16:25:44	DataFile Name :	030SMPL_P7011717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.42	7.90	8.23	8.18	3.23	ppb
Antimony	121-1	0.29	0.34	0.32	0.32	6.96	ppb
Arsenic	75-2	0.34	0.32	0.45	0.37	18.43	ppb
Barium	135-1	1.82	2.08	2.05	1.98	7.16	ppb
Barium	137-1	1.91	1.84	1.86	1.87	1.99	ppb
Beryllium	9-1	0.37	0.48	0.34	0.40	18.92	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1.17	0.61	0.82	0.87	32.64	ppb
Boron	11-1	1.02	0.78	1.12	0.98	17.87	ppb
Cadmium	106-1	-1.74	-0.42	-0.64	-0.93		ppb
Cadmium	108-1	0.31	0.50	0.31	0.37	29.74	ppb
Cadmium	111-1	0.21	0.32	0.35	0.29	26.26	ppb
Calcium	43-1	34.32	37.97	33.71	35.34	6.52	ppb
Calcium	44-1	34.61	30.15	30.28	31.68	8.01	ppb
Chromium	52-2	0.40	0.40	0.42	0.41	2.86	ppb
Cobalt	59-2	0.40	0.43	0.44	0.42	4.63	ppb
Copper	63-2	0.73	0.68	0.66	0.69	4.84	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2						%
Holmium	165-1						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	19.63	19.39	19.30	19.44	0.89	ppb
Iron	57-2	20.48	18.98	19.47	19.64	3.90	ppb
Lead	206-1	0.40	0.34	0.42	0.38	10.11	ppb
Lead	207-1	0.41	0.41	0.39	0.40	3.15	ppb
Lead	208-1	0.39	0.37	0.40	0.39	4.19	ppb
Lithium	6-1						%
Magnesium	24-2	45.06	42.25	41.65	42.99	4.24	ppb
Manganese	55-2	0.88	0.74	0.72	0.78	11.05	ppb

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	H6103-05RE	Instrumnet Name :	P7
Client Sample ID :	LOD-WATER-05-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 16:25:44	DataFile Name :	030SMPL_P7011717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.36	0.40	0.39	0.38	5.36	ppb
Molybdenum	95-1	0.41	0.47	0.45	0.44	7.06	ppb
Molybdenum	96-1	0.41	0.37	0.43	0.40	6.98	ppb
Molybdenum	97-1	0.36	0.46	0.43	0.42	12.22	ppb
Molybdenum	98-1	0.41	0.39	0.44	0.42	5.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.46	0.39	0.38	0.41	11.73	ppb
Phosphorus	31-2	1.36	-5.45	8.84	1.58	451.21	ppb
Potassium	39-2	28.38	23.43	25.43	25.75	9.66	ppb
Rhodium	103-2						%
Rhodium	103-1						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	1.93	2.89	1.45	2.09	35.13	ppb
Selenium	78-2	2.18	1.81	1.50	1.83	18.47	ppb
Selenium	82-1	2.21	1.56	1.37	1.72	25.76	ppb
Silicon	28-1	6.21	3.78	1.06	3.68	70.00	ppb
Silver	109-1	0.39	0.43	0.39	0.40	5.68	ppb
Silver	107-1	0.43	0.37	0.40	0.40	6.74	ppb
Sodium	23-2	45.31	44.01	46.15	45.16	2.39	ppb
Strontium	86-1	0.39	0.32	0.39	0.37	10.67	ppb
Strontium	88-1	0.38	0.41	0.39	0.39	3.95	ppb
Sulfur	34-1	598.03	367.01	231.20	398.75	46.51	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.37	0.40	0.38	0.38	4.08	ppb
Thallium	205-1	0.39	0.37	0.41	0.39	5.62	ppb
Tin	118-1	0.39	0.43	0.42	0.41	5.65	ppb
Titanium	47-1	0.45	0.49	0.49	0.48	4.83	ppb
Uranium	238-1	0.37	0.38	0.37	0.37	1.74	ppb
Vanadium	51-2	0.38	0.41	0.37	0.38	5.75	ppb
Yttrium	89-2						%
Yttrium	89-1						%
Zinc	66-2	0.78	0.74	0.61	0.71	12.59	ppb
Zirconium	90-1	0.34	0.34	0.32	0.33	3.64	ppb

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	H6103-05RE	Instrumnet Name :	P7
Client Sample ID :	LOD-WATER-05-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 16:25:44	DataFile Name :	030SMPL_P7011717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.32	0.30	0.30	0.31	2.85	ppb

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	H6103-06RE	Instrumnet Name :	P7
Client Sample ID :	LOQ-WATER-06-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 16:29:16	DataFile Name :	031CCV_P7011717-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41.56	36.97	35.07	37.87	8.82	ppb
Antimony	121-1	3.52	3.58	3.54	3.55	0.79	ppb
Arsenic	75-2	1.89	1.70	1.96	1.85	7.38	ppb
Barium	135-1	17.59	17.82	17.36	17.59	1.31	ppb
Barium	137-1	18.14	18.18	17.73	18.02	1.39	ppb
Beryllium	9-1	1.69	1.82	1.72	1.74	3.66	ppb
Bismuth	209-2						%
Bismuth	209-1						%
Boron	10-1	45.27	43.75	46.42	45.15	2.97	ppb
Boron	11-1	44.27	45.40	45.11	44.93	1.30	ppb
Cadmium	111-1	1.72	1.73	1.76	1.74	1.28	ppb
Cadmium	106-1	1.07	0.90	-0.19	0.59	115.22	ppb
Cadmium	108-1	2.37	1.85	1.92	2.05	13.90	ppb
Calcium	43-1	863.68	856.03	879.04	866.25	1.35	ppb
Calcium	44-1	881.10	857.98	854.29	864.46	1.68	ppb
Chromium	52-2	3.76	3.87	3.80	3.81	1.47	ppb
Cobalt	59-2	1.86	1.91	1.86	1.88	1.71	ppb
Copper	63-2	3.61	3.84	3.70	3.72	3.10	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	88.76	91.28	89.45	89.83	1.45	ppb
Iron	57-2	89.53	93.32	87.38	90.08	3.33	ppb
Lead	206-1	1.74	1.77	1.87	1.80	3.79	ppb
Lead	207-1	1.77	1.78	1.82	1.79	1.69	ppb
Lead	208-1	1.80	1.81	1.80	1.80	0.40	ppb
Lithium	6-1						%
Magnesium	24-2	941.05	964.98	950.67	952.23	1.26	ppb
Manganese	55-2	1.87	1.88	1.98	1.91	3.28	ppb

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	H6103-06RE	Instrumnet Name :	P7
Client Sample ID :	LOQ-WATER-06-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 16:29:16	DataFile Name :	031CCV_P7011717-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	3.83	3.68	3.74	3.75	1.94	ppb
Molybdenum	95-1	8.69	8.92	8.50	8.70	2.45	ppb
Molybdenum	96-1	7.70	7.73	7.57	7.67	1.08	ppb
Molybdenum	97-1	8.90	8.73	8.64	8.76	1.49	ppb
Molybdenum	98-1	8.85	8.86	8.51	8.74	2.30	ppb
Neodymium	150-2						cps
Neodymium	150-1						cps
Nickel	60-2	1.98	2.07	1.99	2.01	2.42	ppb
Phosphorus	31-2	25.99	30.96	39.42	32.12	21.15	ppb
Potassium	39-2	901.86	909.95	907.67	906.49	0.46	ppb
Rhodium	103-2						%
Rhodium	103-1						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	82-1	9.12	8.05	8.02	8.40	7.49	ppb
Selenium	77-2	7.03	8.39	6.01	7.15	16.71	ppb
Selenium	78-2	7.65	9.65	8.20	8.50	12.13	ppb
Silicon	28-1	19.66	13.26	16.32	16.41	19.50	ppb
Silver	109-1	1.63	1.66	1.70	1.66	1.92	ppb
Silver	107-1	1.66	1.70	1.69	1.69	1.53	ppb
Sodium	23-2	926.23	942.31	922.33	930.29	1.14	ppb
Strontium	86-1	1.69	1.89	1.70	1.76	6.32	ppb
Strontium	88-1	1.69	1.71	1.67	1.69	1.24	ppb
Sulfur	34-1	583.76	243.42	392.33	406.50	41.97	ppb
Terbium	159-2						%
Terbium	159-1						%
Thallium	203-1	1.69	1.73	1.74	1.72	1.41	ppb
Thallium	205-1	1.75	1.72	1.76	1.74	1.07	ppb
Tin	118-1	8.79	8.97	9.01	8.92	1.30	ppb
Titanium	47-1	8.73	8.60	8.20	8.51	3.27	ppb
Uranium	238-1	1.79	1.82	1.84	1.82	1.36	ppb
Vanadium	51-2	8.90	9.01	9.04	8.98	0.85	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	3.77	3.79	3.76	3.77	0.45	ppb
Zirconium	90-1	1.63	1.58	1.60	1.60	1.71	ppb

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	H6103-06RE	Instrumnet Name :	P7
Client Sample ID :	LOQ-WATER-06-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 16:29:16	DataFile Name :	031CCV_P7011717-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.61	1.59	1.57	1.59	1.04	ppb

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	CCV91	Instrumnet Name :	P7
Client Sample ID :	CCV91	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 16:36:16	DataFile Name :	033CCV_P7011717-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10005.36	10111.33	10020.54	10045.74	0.57	ppb
Antimony	121-1	504.08	510.23	504.80	506.37	0.66	ppb
Arsenic	75-2	510.10	509.42	509.85	509.79	0.07	ppb
Barium	135-1	2535.91	2599.30	2581.37	2572.19	1.27	ppb
Barium	137-1	2512.84	2563.16	2524.75	2533.59	1.04	ppb
Beryllium	9-1	503.62	501.50	502.38	502.50	0.21	ppb
Bismuth	209-2						%
Bismuth	209-1						%
Boron	10-1	486.02	484.59	496.35	488.99	1.31	ppb
Boron	11-1	486.61	482.36	489.48	486.15	0.74	ppb
Cadmium	106-1	497.28	507.48	505.11	503.29	1.06	ppb
Cadmium	108-1	500.43	518.91	510.07	509.80	1.81	ppb
Cadmium	111-1	505.36	512.03	508.16	508.52	0.66	ppb
Calcium	43-1	48927.27	49699.04	49274.20	49300.17	0.78	ppb
Calcium	44-1	48734.14	49807.65	48851.59	49131.13	1.20	ppb
Chromium	52-2	506.93	515.61	507.32	509.95	0.96	ppb
Cobalt	59-2	515.45	521.06	522.46	519.66	0.71	ppb
Copper	63-2	1036.15	1045.53	1045.10	1042.26	0.51	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2						%
Holmium	165-1						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	25151.69	25352.30	25326.63	25276.87	0.43	ppb
Iron	57-2	24865.71	24971.30	25115.81	24984.27	0.50	ppb
Lead	206-1	499.66	493.96	497.54	497.05	0.58	ppb
Lead	207-1	499.39	500.80	502.90	501.03	0.35	ppb
Lead	208-1	501.51	500.38	499.30	500.40	0.22	ppb
Lithium	6-1						%
Magnesium	24-2	52459.12	52791.25	51739.56	52329.97	1.03	ppb
Manganese	55-2	1025.05	1025.67	1022.69	1024.47	0.15	ppb

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	CCV91	Instrumnet Name :	P7
Client Sample ID :	CCV91	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 16:36:16	DataFile Name :	033CCV_P7011717-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	499.87	505.96	506.17	504.00	0.71	ppb
Molybdenum	95-1	497.24	504.69	502.68	501.54	0.77	ppb
Molybdenum	96-1	501.41	509.30	505.82	505.51	0.78	ppb
Molybdenum	97-1	494.22	505.62	497.75	499.19	1.17	ppb
Molybdenum	98-1	501.60	513.23	506.89	507.24	1.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	512.71	514.39	515.85	514.32	0.31	ppb
Phosphorus	31-2	10457.61	10075.35	10262.17	10265.05	1.86	ppb
Potassium	39-2	25609.58	25675.79	25706.88	25664.08	0.19	ppb
Rhodium	103-2						%
Rhodium	103-1						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	504.01	497.19	511.71	504.30	1.44	ppb
Selenium	78-2	509.34	500.08	508.82	506.08	1.03	ppb
Selenium	82-1	502.36	516.76	504.03	507.72	1.55	ppb
Silicon	28-1	658.74	671.36	660.68	663.59	1.02	ppb
Silver	109-1	503.15	514.34	511.46	509.65	1.14	ppb
Silver	107-1	499.18	518.90	508.78	508.96	1.94	ppb
Sodium	23-2	51332.87	51476.46	51699.98	51503.10	0.36	ppb
Strontium	86-1	500.44	510.45	504.48	505.12	1.00	ppb
Strontium	88-1	506.18	506.75	506.58	506.50	0.06	ppb
Sulfur	34-1	10377.78	10434.56	10312.92	10375.09	0.59	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	500.52	500.25	505.45	502.07	0.58	ppb
Thallium	205-1	510.65	496.51	503.14	503.43	1.41	ppb
Tin	118-1	508.21	516.75	506.12	510.36	1.10	ppb
Titanium	47-1	505.43	508.42	502.77	505.54	0.56	ppb
Uranium	238-1	507.93	509.76	510.61	509.43	0.27	ppb
Vanadium	51-2	509.15	515.40	510.67	511.74	0.64	ppb
Yttrium	89-2						%
Yttrium	89-1						%
Zinc	66-2	1029.33	1042.60	1033.85	1035.26	0.65	ppb
Zirconium	90-1	494.61	514.57	504.39	504.52	1.98	ppb

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	CCV91	Instrumnet Name :	P7
Client Sample ID :	CCV91	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 16:36:16	DataFile Name :	033CCV_P7011717-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	496.38	511.41	508.28	505.35	1.57	ppb

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	LLCCV02	Instrumnet Name :	P7
Client Sample ID :	LLCCV02	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 17:06:43	DataFile Name :	035LCSE_P7011717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.84	19.31	18.38	19.51	6.37	ppb
Antimony	121-1	2.04	1.99	2.06	2.03	1.89	ppb
Arsenic	75-2	1.08	1.02	0.90	1.00	9.28	ppb
Barium	135-1	8.72	8.99	9.09	8.93	2.19	ppb
Barium	137-1	8.68	9.08	8.80	8.85	2.30	ppb
Beryllium	9-1	0.88	0.75	0.73	0.78	10.34	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	22.85	25.03	23.53	23.80	4.68	ppb
Boron	11-1	22.46	22.96	23.43	22.95	2.12	ppb
Cadmium	106-1	-0.15	1.28	1.05	0.73	105.06	ppb
Cadmium	108-1	1.04	1.06	0.87	0.99	10.65	ppb
Cadmium	111-1	0.85	0.89	0.94	0.89	4.59	ppb
Calcium	43-1	430.76	447.25	437.72	438.58	1.89	ppb
Calcium	44-1	421.22	428.68	429.09	426.33	1.04	ppb
Chromium	52-2	1.84	1.88	1.83	1.85	1.47	ppb
Cobalt	59-2	0.92	0.92	0.91	0.92	0.40	ppb
Copper	63-2	1.85	1.79	1.81	1.81	1.61	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-2						cps
Gadolinium	160-1						cps
Holmium	165-2						%
Holmium	165-1						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	45.26	45.89	45.19	45.45	0.85	ppb
Iron	57-2	46.99	45.02	43.06	45.02	4.36	ppb
Lead	206-1	0.99	0.93	0.88	0.94	5.96	ppb
Lead	207-1	0.92	0.90	0.94	0.92	2.53	ppb
Lead	208-1	0.91	0.93	0.93	0.92	1.06	ppb
Lithium	6-1						%
Magnesium	24-2	480.31	477.23	466.70	474.75	1.50	ppb
Manganese	55-2	1.02	1.01	0.98	1.01	2.02	ppb

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	LLCCV02	Instrumnet Name :	P7
Client Sample ID :	LLCCV02	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 17:06:43	DataFile Name :	035LCSE_P7011717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.88	1.87	1.87	1.87	0.40	ppb
Molybdenum	95-1	4.42	4.65	4.48	4.52	2.62	ppb
Molybdenum	96-1	3.73	3.94	3.86	3.84	2.79	ppb
Molybdenum	97-1	4.54	4.64	4.37	4.52	3.02	ppb
Molybdenum	98-1	4.36	4.54	4.48	4.46	2.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.97	1.04	0.99	1.00	3.83	ppb
Phosphorus	31-2	24.81	13.19	13.27	17.09	39.12	ppb
Potassium	39-2	468.31	474.46	457.16	466.64	1.88	ppb
Rhodium	103-2						%
Rhodium	103-1						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.07	4.29	4.24	2.87	84.42	ppb
Selenium	78-2	4.65	3.39	5.13	4.39	20.42	ppb
Selenium	82-1	4.20	3.27	4.11	3.86	13.40	ppb
Silicon	28-1	5.53	11.17	10.31	9.00	33.77	ppb
Silver	109-1	0.79	0.84	0.84	0.83	3.73	ppb
Silver	107-1	0.84	0.83	0.85	0.84	1.59	ppb
Sodium	23-2	465.73	469.90	464.01	466.55	0.65	ppb
Strontium	86-1	0.92	0.83	0.91	0.88	5.57	ppb
Strontium	88-1	0.86	0.89	0.86	0.87	2.40	ppb
Sulfur	34-1	319.73	497.65	344.01	387.13	24.92	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.84	0.87	0.88	0.86	2.18	ppb
Thallium	205-1	0.88	0.91	0.88	0.89	1.81	ppb
Tin	118-1	4.42	4.51	4.42	4.45	1.23	ppb
Titanium	47-1	4.32	4.10	4.49	4.30	4.53	ppb
Uranium	238-1	0.91	0.89	0.90	0.90	1.23	ppb
Vanadium	51-2	4.54	4.58	4.46	4.53	1.36	ppb
Yttrium	89-2						%
Yttrium	89-1						%
Zinc	66-2	1.86	1.85	1.90	1.87	1.33	ppb
Zirconium	90-1	0.78	0.78	0.76	0.78	1.33	ppb

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	LLCCV02	Instrumnet Name :	P7
Client Sample ID :	LLCCV02	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 17:06:43	DataFile Name :	035LCSE_P7011717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.86	0.81	0.84	0.84	3.23	ppb

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	CCB91	Instrumnet Name :	P7
Client Sample ID :	CCB91	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 17:10:15	DataFile Name :	036SMPL_P7011717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.39	-0.30	-0.02	-0.24		ppb
Antimony	121-1	0.11	0.12	0.16	0.13	21.62	ppb
Arsenic	75-2	0.01	0.04	0.03	0.02	59.98	ppb
Barium	135-1	0.00	0.01	0.01	0.00	55.85	ppb
Barium	137-1	0.00	0.00	0.00	0.00	56.24	ppb
Beryllium	9-1	0.00	0.00	0.01	0.00	158.33	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	0.75	0.88	1.27	0.97	27.87	ppb
Boron	11-1	0.64	0.98	0.69	0.77	23.52	ppb
Cadmium	106-1	0.36	-1.82	-0.72	-0.73		ppb
Cadmium	108-1	-0.02	-0.02	-0.05	-0.03		ppb
Cadmium	111-1	0.02	-0.14	-0.05	-0.06		ppb
Calcium	43-1	3.57	1.15	3.22	2.65	49.45	ppb
Calcium	44-1	-3.78	-7.30	-4.49	-5.19		ppb
Chromium	52-2	0.01	0.01	0.01	0.01	27.88	ppb
Cobalt	59-2	0.00	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.12	-0.16	-0.14	-0.14		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-2						%
Holmium	165-1						%
Indium	115-2						%
Indium	115-1						%
Iron	56-2	0.11	0.16	0.13	0.13	18.28	ppb
Iron	57-2	-0.20	0.35	0.52	0.23	166.52	ppb
Lead	206-1	0.01	0.01	0.02	0.01	73.07	ppb
Lead	207-1	0.00	0.02	0.02	0.01	74.28	ppb
Lead	208-1	0.01	0.01	0.02	0.01	26.17	ppb
Lithium	6-1						%
Magnesium	24-2	0.22	-0.06	0.46	0.20	128.04	ppb
Manganese	55-2	0.00	0.02	-0.01	0.00	409.37	ppb

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	CCB91	Instrumnet Name :	P7
Client Sample ID :	CCB91	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 17:10:15	DataFile Name :	036SMPL_P7011717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.04	0.04	0.04	9.61	ppb
Molybdenum	95-1	0.04	0.06	0.09	0.06	45.38	ppb
Molybdenum	96-1	0.05	0.06	0.09	0.06	35.34	ppb
Molybdenum	97-1	0.03	0.07	0.08	0.06	38.03	ppb
Molybdenum	98-1	0.05	0.07	0.08	0.06	26.94	ppb
Neodymium	150-2						cps
Neodymium	150-1						cps
Nickel	60-2	-0.01	0.01	-0.01	-0.01		ppb
Phosphorus	31-2	-13.00	-5.19	-3.26	-7.15		ppb
Potassium	39-2	4.47	1.02	4.45	3.31	59.84	ppb
Rhodium	103-2						%
Rhodium	103-1						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.41	-0.41	-0.88	-0.57		ppb
Selenium	78-2	-0.97	-0.11	-0.77	-0.62		ppb
Selenium	82-1	-0.34	-0.67	-0.89	-0.64		ppb
Silicon	28-1	10.26	8.59	7.79	8.88	14.20	ppb
Silver	107-1	0.00	0.01	0.01	0.01	47.90	ppb
Silver	109-1	0.01	0.00	0.00	0.00	40.77	ppb
Sodium	23-2	1.72	3.88	3.06	2.89	37.77	ppb
Strontium	86-1	0.00	-0.02	-0.07	-0.03		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	79.41	ppb
Sulfur	34-1	454.04	442.43	363.96	420.14	11.66	ppb
Terbium	159-2						%
Terbium	159-1						%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	-0.01	-0.01	0.01	0.00		ppb
Titanium	47-1	0.00	0.05	0.01	0.02	112.27	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	-0.01	-0.01	0.00		ppb
Yttrium	89-2						%
Yttrium	89-1						%
Zinc	66-2	0.09	0.12	0.12	0.11	16.86	ppb
Zirconium	90-1	0.03	0.04	0.03	0.03	9.46	ppb

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	CCB91	Instrumnet Name :	P7
Client Sample ID :	CCB91	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 17:10:15	DataFile Name :	036SMPL_P7011717-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.03	0.02	0.02	22.11	ppb

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 14:04:43	DataFile Name :	002CALB_P7011717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	42	83	64	32.83	cps
Antimony	121-1	42	67	25	44	47.19	cps
Arsenic	75-2	7	20	9	12	56.77	cps
Barium	135-1	17	50	0	22	114.56	cps
Barium	137-1	42	17	17	25	57.73	cps
Beryllium	9-1	11	17	22	17	33.33	cps
Bismuth	209-1	6183717	6123028	6219984	6175576	0.79	cps
Bismuth	209-2	4627504	4688525	4717576	4677868	0.98	cps
Boron	10-1	33	58	42	44	28.64	cps
Boron	11-1	258	208	317	261	20.76	cps
Cadmium	106-1	2609	2392	2375	2459	5.30	cps
Cadmium	108-1	13	13	13	13	0.00	cps
Cadmium	111-1	1838	1674	1675	1729	5.47	cps
Calcium	43-1	192	175	108	158	27.85	cps
Calcium	44-1	24070	24062	23394	23842	1.63	cps
Chromium	52-2	1883	2077	2067	2009	5.42	cps
Cobalt	59-2	167	163	170	167	2.00	cps
Copper	63-2	1483	1463	1383	1443	3.67	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Dysprosium	156-1	17	0	0	6	173.21	cps
Erbium	164-1	33	42	50	42	20.00	cps
Erbium	164-2	23	37	10	23	57.15	cps
Gadolinium	160-2	30	13	30	24	39.37	cps
Gadolinium	160-1	67	67	42	58	24.74	cps
Holmium	165-2	6438225	6449704	6445391	6444440	0.09	cps
Holmium	165-1	10008374	10113604	10068880	10063619	0.52	cps
Indium	115-1	8652543	8683236	8586419	8640733	0.57	cps
Indium	115-2	1941715	1956732	1970220	1956222	0.73	cps
Iron	56-2	4751	4818	5023	4864	2.92	cps
Iron	57-2	122	44	89	85	45.81	cps
Lead	206-1	411	394	556	454	19.53	cps
Lead	207-1	328	350	383	354	7.91	cps
Lead	208-1	1728	1606	1861	1732	7.38	cps
Lithium	6-1	375696	380106	376959	377587	0.60	cps
Magnesium	24-2	117	133	108	119	10.66	cps
Manganese	55-2	80	63	60	68	15.81	cps

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 14:04:43	DataFile Name :	002CALB_P7011717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	183	250	225	219	15.35	cps
Molybdenum	95-1	67	75	100	81	21.54	cps
Molybdenum	96-1	100	108	150	119	22.43	cps
Molybdenum	97-1	67	100	58	75	29.40	cps
Molybdenum	98-1	117	125	133	125	6.67	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	90	70	57	72	23.23	cps
Phosphorus	31-2	283	192	225	233	19.88	cps
Potassium	39-2	41777	42035	43465	42426	2.14	cps
Rhodium	103-2	4586064	4596496	4596625	4593062	0.13	cps
Rhodium	103-1	7877470	7976577	8033975	7962674	0.99	cps
Scandium	45-1	5296621	5379370	5428684	5368225	1.24	cps
Scandium	45-2	278722	280129	286474	281775	1.47	cps
Selenium	77-2	3	7	10	7	50.03	cps
Selenium	78-2	124	96	106	109	13.02	cps
Selenium	82-1	116	124	19	87	67.64	cps
Silicon	28-1	1011549	1025789	1017818	1018385	0.70	cps
Silver	109-1	67	25	92	61	55.11	cps
Silver	107-1	100	125	83	103	20.40	cps
Sodium	23-2	16193	16201	16218	16204	0.08	cps
Strontium	86-1	1133	1108	1050	1097	3.90	cps
Strontium	88-1	133	100	83	106	24.12	cps
Sulfur	34-1	501613	499754	504817	502061	0.51	cps
Terbium	159-1	10479748	10589404	10625359	10564837	0.72	cps
Terbium	159-2	6314050	6324929	6343744	6327574	0.24	cps
Thallium	203-1	75	50	75	67	21.65	cps
Thallium	205-1	133	125	158	139	12.49	cps
Tin	118-1	808	792	842	814	3.13	cps
Titanium	47-1	92	125	108	108	15.39	cps
Uranium	238-1	142	158	175	158	10.53	cps
Vanadium	51-2	3	23	23	17	69.30	cps
Yttrium	89-2	1546813	1579063	1591881	1572585	1.48	cps
Yttrium	89-1	9524414	9326097	9356715	9402409	1.14	cps
Zinc	66-2	140	110	217	156	35.36	cps
Zirconium	90-1	433	500	525	486	9.75	cps

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 14:04:43	DataFile Name :	002CALB_P7011717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	92	117	192	133	39.03	cps

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 14:12:58	DataFile Name :	004CAL5_P7011717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1900	1975	1967	1947	2.11	cps
Antimony	121-1	18421	17378	17503	17768	3.21	cps
Arsenic	75-2	363	426	367	385	9.17	cps
Barium	135-1	22001	22878	21718	22199	2.72	cps
Barium	137-1	38663	38622	37218	38168	2.16	cps
Beryllium	9-1	995	839	917	917	8.49	cps
Bismuth	209-1	6235284	6249342	6157370	6213999	0.80	cps
Bismuth	209-2	4582400	4633380	4712103	4642628	1.41	cps
Boron	10-1	3292	3376	3592	3420	4.53	cps
Boron	11-1	19263	19180	19388	19277	0.54	cps
Cadmium	106-1	2892	2859	2784	2845	1.95	cps
Cadmium	108-1	192	163	150	168	12.72	cps
Cadmium	111-1	3815	4125	4181	4041	4.88	cps
Calcium	43-1	14157	13724	12914	13598	4.64	cps
Calcium	44-1	242398	239578	238385	240121	0.86	cps
Chromium	52-2	8796	9173	9083	9017	2.18	cps
Cobalt	59-2	5781	5501	5795	5692	2.91	cps
Copper	63-2	10040	9520	9833	9798	2.67	cps
Dysprosium	156-2	7	0	7	4	86.60	cps
Dysprosium	156-1	8	0	25	11	114.58	cps
Erbium	164-1	25	17	58	33	66.14	cps
Erbium	164-2	33	40	37	37	9.10	cps
Gadolinium	160-2	17	23	20	20	16.65	cps
Gadolinium	160-1	67	33	67	56	34.65	cps
Holmium	165-2	6201831	6453751	6333276	6329620	1.99	cps
Holmium	165-1	10263628	10160690	10286879	10237066	0.66	cps
Indium	115-1	8609559	8714124	8603419	8642367	0.72	cps
Indium	115-2	1915987	1944518	1947761	1936089	0.90	cps
Iron	56-2	143096	143209	143994	143433	0.34	cps
Iron	57-2	3495	3339	3478	3438	2.48	cps
Lead	206-1	6402	7119	7124	6882	6.04	cps
Lead	207-1	6040	6524	6124	6229	4.15	cps
Lead	208-1	27229	28407	27662	27766	2.15	cps
Lithium	6-1	381779	382045	379360	381061	0.39	cps
Magnesium	24-2	111001	109128	110715	110282	0.91	cps
Manganese	55-2	1924	1927	1843	1898	2.49	cps

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 14:12:58	DataFile Name :	004CAL5_P7011717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	17728	17386	17002	17372	2.09	cps
Molybdenum	95-1	21842	22435	21742	22007	1.70	cps
Molybdenum	96-1	25591	24422	25056	25023	2.34	cps
Molybdenum	97-1	13282	14199	13932	13804	3.42	cps
Molybdenum	98-1	36682	36005	35295	35994	1.93	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	1603	1567	1560	1577	1.48	cps
Phosphorus	31-2	283	267	392	314	21.62	cps
Potassium	39-2	153713	153326	154682	153907	0.45	cps
Rhodium	103-2	4539733	4526418	4583891	4550014	0.66	cps
Rhodium	103-1	8015003	8046087	8032900	8031330	0.19	cps
Scandium	45-1	5440041	5360420	5355527	5385329	0.88	cps
Scandium	45-2	281033	281463	281842	281446	0.14	cps
Selenium	77-2	33	43	13	30	50.92	cps
Selenium	78-2	226	167	198	197	15.06	cps
Selenium	82-1	823	687	713	741	9.68	cps
Silicon	28-1	1038417	1026619	1023667	1029568	0.76	cps
Silver	109-1	10863	11105	11589	11185	3.30	cps
Silver	107-1	11589	11388	11472	11483	0.88	cps
Sodium	23-2	219035	218054	222301	219797	1.01	cps
Strontium	86-1	4434	4484	4359	4426	1.42	cps
Strontium	88-1	27611	27594	26893	27366	1.50	cps
Sulfur	34-1	503275	501984	509355	504872	0.78	cps
Terbium	159-1	10938789	10737754	11003599	10893381	1.27	cps
Terbium	159-2	6417318	6334644	6351511	6367825	0.69	cps
Thallium	203-1	7786	7869	8478	8044	4.70	cps
Thallium	205-1	18881	18664	18472	18672	1.10	cps
Tin	118-1	37994	37568	38011	37858	0.66	cps
Titanium	47-1	6668	6735	6593	6666	1.06	cps
Uranium	238-1	27288	27906	27580	27591	1.12	cps
Vanadium	51-2	13687	13433	13680	13600	1.06	cps
Yttrium	89-2	1565489	1554840	1573971	1564767	0.61	cps
Yttrium	89-1	9479480	9385249	9371637	9412122	0.62	cps
Zinc	66-2	1170	1217	1217	1201	2.24	cps
Zirconium	90-1	13098	13449	12748	13098	2.67	cps

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 14:12:58	DataFile Name :	004CALS_P7011717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2950	3042	2667	2887	6.77	cps

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 14:16:50	DataFile Name :	005CAL5_P7011717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	93098	94675	96452	94741	1.77	cps
Antimony	121-1	421006	414953	409004	414988	1.45	cps
Arsenic	75-2	20413	20850	20798	20687	1.16	cps
Barium	135-1	601170	606417	605306	604298	0.46	cps
Barium	137-1	1042814	1045681	1048915	1045803	0.29	cps
Beryllium	9-1	49370	48951	49136	49152	0.43	cps
Bismuth	209-1	6321405	6228389	6327141	6292312	0.88	cps
Bismuth	209-2	4666690	4712682	4722587	4700653	0.63	cps
Boron	10-1	7110	7335	7327	7258	1.76	cps
Boron	11-1	40288	41391	41541	41073	1.67	cps
Cadmium	106-1	15618	15618	15359	15531	0.96	cps
Cadmium	108-1	8878	8774	8878	8843	0.68	cps
Cadmium	111-1	121112	123668	123041	122607	1.09	cps
Calcium	43-1	149406	145065	144560	146343	1.82	cps
Calcium	44-1	2391133	2387113	2421305	2399850	0.78	cps
Chromium	52-2	182133	185113	184490	183912	0.85	cps
Cobalt	59-2	297501	297964	300074	298513	0.46	cps
Copper	63-2	432129	438312	439688	436710	0.92	cps
Dysprosium	156-2	0	3	10	4	114.60	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Erbium	164-1	33	58	17	36	58.08	cps
Erbium	164-2	7	17	20	14	48.02	cps
Gadolinium	160-2	30	27	27	28	6.92	cps
Gadolinium	160-1	100	83	58	81	26.03	cps
Holmium	165-2	6469312	6371894	6572645	6471284	1.55	cps
Holmium	165-1	10295569	10176303	10209765	10227212	0.60	cps
Indium	115-1	8565781	8609606	8616994	8597460	0.32	cps
Indium	115-2	1957926	1937515	1976549	1957330	1.00	cps
Iron	56-2	7492695	7498245	7553890	7514943	0.45	cps
Iron	57-2	183148	186415	185197	184920	0.89	cps
Lead	206-1	340978	337929	337987	338964	0.51	cps
Lead	207-1	310409	313696	313979	312695	0.63	cps
Lead	208-1	1387915	1385697	1392788	1388800	0.26	cps
Lithium	6-1	384707	385714	385641	385354	0.15	cps
Magnesium	24-2	1161653	1154538	1173819	1163337	0.84	cps
Manganese	55-2	197538	197311	200372	198407	0.86	cps

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 14:16:50	DataFile Name :	005CAL5_P7011717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	450298	451701	448060	450019	0.41	cps
Molybdenum	95-1	242834	242089	242083	242335	0.18	cps
Molybdenum	96-1	311728	305643	310204	309192	1.02	cps
Molybdenum	97-1	148139	148333	152189	149553	1.53	cps
Molybdenum	98-1	392003	384145	385451	387200	1.09	cps
Neodymium	150-1	47	53	53	51	7.53	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	80654	81830	81300	81262	0.73	cps
Phosphorus	31-2	6043	5568	6110	5907	5.00	cps
Potassium	39-2	639916	637766	648739	642140	0.91	cps
Rhodium	103-2	4557291	4561089	4610748	4576376	0.65	cps
Rhodium	103-1	7951111	7997714	7937316	7962047	0.40	cps
Scandium	45-1	5500420	5398068	5493745	5464078	1.05	cps
Scandium	45-2	281348	284079	285395	283608	0.73	cps
Selenium	77-2	333	363	390	362	7.83	cps
Selenium	78-2	1237	1289	1222	1249	2.80	cps
Selenium	82-1	7216	7357	7505	7359	1.97	cps
Silicon	28-1	1290406	1289089	1298097	1292531	0.38	cps
Silver	109-1	580361	578400	581701	580154	0.29	cps
Silver	107-1	595342	602330	605495	601056	0.86	cps
Sodium	23-2	2211794	2237061	2240599	2229818	0.70	cps
Strontium	86-1	176819	176120	178734	177224	0.76	cps
Strontium	88-1	1546515	1553552	1557352	1552473	0.35	cps
Sulfur	34-1	538910	539347	543295	540517	0.45	cps
Terbium	159-1	10925250	10861025	10706878	10831051	1.04	cps
Terbium	159-2	6311777	6299714	6466159	6359217	1.46	cps
Thallium	203-1	419806	421338	419382	420175	0.24	cps
Thallium	205-1	1013726	1005431	1011733	1010297	0.43	cps
Tin	118-1	398228	400569	398889	399229	0.30	cps
Titanium	47-1	69875	69682	70594	70050	0.69	cps
Uranium	238-1	1405110	1433684	1424880	1421225	1.03	cps
Vanadium	51-2	146627	148701	148081	147803	0.72	cps
Yttrium	89-2	1566495	1569206	1595279	1576993	1.01	cps
Yttrium	89-1	9334581	9345198	9337663	9339147	0.06	cps
Zinc	66-2	56094	56261	56753	56370	0.61	cps
Zirconium	90-1	870413	870189	868721	869774	0.11	cps

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 14:16:50	DataFile Name :	005CALS_P7011717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	190309	191543	191624	191158	0.39	cps

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 14:20:55	DataFile Name :	006CAL5_P7011717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	242591	241320	243347	242419	0.42	cps
Antimony	121-1	1201390	1192599	1185524	1193171	0.67	cps
Arsenic	75-2	52306	52191	52180	52226	0.13	cps
Barium	135-1	1531582	1518463	1540601	1530215	0.73	cps
Barium	137-1	2662389	2665883	2693080	2673784	0.63	cps
Beryllium	9-1	123595	121808	125033	123479	1.31	cps
Bismuth	209-1	6336558	6385834	6404548	6375647	0.55	cps
Bismuth	209-2	4699093	4702232	4739379	4713568	0.48	cps
Boron	10-1	18654	19230	19021	18968	1.54	cps
Boron	11-1	102698	100567	105273	102846	2.29	cps
Cadmium	106-1	34184	34952	35120	34752	1.44	cps
Cadmium	108-1	21871	22193	21583	21882	1.39	cps
Cadmium	111-1	307123	303741	311872	307579	1.33	cps
Calcium	43-1	370242	367239	371355	369612	0.58	cps
Calcium	44-1	5902014	5833476	5903654	5879715	0.68	cps
Chromium	52-2	455402	460133	460312	458615	0.61	cps
Cobalt	59-2	744496	743849	749228	745858	0.39	cps
Copper	63-2	1093069	1090213	1086109	1089797	0.32	cps
Dysprosium	156-2	3	13	7	8	65.47	cps
Dysprosium	156-1	8	33	8	17	86.62	cps
Erbium	164-1	42	42	50	44	10.82	cps
Erbium	164-2	17	20	13	17	20.01	cps
Gadolinium	160-2	60	30	40	43	35.25	cps
Gadolinium	160-1	58	50	50	53	9.12	cps
Holmium	165-2	6388542	6412777	6413512	6404944	0.22	cps
Holmium	165-1	10488819	10345272	10497084	10443725	0.82	cps
Indium	115-1	8704992	8526760	8837844	8689865	1.80	cps
Indium	115-2	1953521	1946326	1955757	1951868	0.25	cps
Iron	56-2	18833548	18887388	19253393	18991443	1.20	cps
Iron	57-2	463560	461791	462255	462535	0.20	cps
Lead	206-1	857159	862631	863090	860960	0.38	cps
Lead	207-1	789060	801375	793259	794565	0.79	cps
Lead	208-1	3536923	3574705	3551780	3554469	0.54	cps
Lithium	6-1	387208	386701	394755	389554	1.16	cps
Magnesium	24-2	2932514	2931283	2927753	2930517	0.08	cps
Manganese	55-2	494580	492769	496143	494497	0.34	cps

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 14:20:55	DataFile Name :	006CAL5_P7011717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1149567	1165883	1158216	1157889	0.70	cps
Molybdenum	95-1	625009	628648	616136	623264	1.03	cps
Molybdenum	96-1	794788	795487	803439	797905	0.60	cps
Molybdenum	97-1	381750	378601	386086	382146	0.98	cps
Molybdenum	98-1	987376	979877	1009778	992344	1.57	cps
Neodymium	150-1	127	87	67	93	32.73	cps
Neodymium	150-2	13	7	3	8	65.47	cps
Nickel	60-2	201284	200165	200657	200702	0.28	cps
Phosphorus	31-2	14558	14399	14066	14341	1.75	cps
Potassium	39-2	1560965	1553800	1560600	1558455	0.26	cps
Rhodium	103-2	4537964	4534073	4584254	4552097	0.61	cps
Rhodium	103-1	7978468	7911876	8063045	7984463	0.95	cps
Scandium	45-1	5434394	5377649	5376076	5396040	0.62	cps
Scandium	45-2	284466	284369	279318	282718	1.04	cps
Selenium	77-2	967	910	1020	966	5.70	cps
Selenium	78-2	3247	3347	3108	3234	3.71	cps
Selenium	82-1	18604	18504	18782	18630	0.76	cps
Silicon	28-1	1742395	1731917	1740826	1738379	0.33	cps
Silver	109-1	1451103	1449559	1465248	1455303	0.59	cps
Silver	107-1	1504442	1535092	1523296	1520943	1.02	cps
Sodium	23-2	5577491	5528656	5511845	5539331	0.62	cps
Strontium	86-1	445110	451690	449345	448715	0.74	cps
Strontium	88-1	3935950	3954756	3942010	3944239	0.24	cps
Sulfur	34-1	605097	600504	602177	602593	0.39	cps
Terbium	159-1	11042051	10822143	10883221	10915805	1.04	cps
Terbium	159-2	6440198	6313643	6394931	6382924	1.00	cps
Thallium	203-1	1057846	1073626	1083377	1071616	1.20	cps
Thallium	205-1	2569338	2584609	2608015	2587321	0.75	cps
Tin	118-1	1013644	1012255	1028686	1018195	0.89	cps
Titanium	47-1	176064	174428	176395	175629	0.60	cps
Uranium	238-1	3687365	3622486	3718029	3675960	1.33	cps
Vanadium	51-2	365542	371995	367048	368195	0.92	cps
Yttrium	89-2	1589465	1579936	1577397	1582266	0.40	cps
Yttrium	89-1	9347605	9419066	9433764	9400145	0.49	cps
Zinc	66-2	142488	143046	141801	142445	0.44	cps
Zirconium	90-1	2236829	2222975	2252182	2237329	0.65	cps

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 14:20:55	DataFile Name :	006CALS_P7011717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	497511	493457	499456	496808	0.62	cps

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 14:24:42	DataFile Name :	007CAL5_P7011717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	475156	477742	474131	475676	0.39	cps
Antimony	121-1	2493264	2483837	2478729	2485276	0.30	cps
Arsenic	75-2	102853	104808	104123	103928	0.95	cps
Barium	135-1	3042907	3062744	3083032	3062894	0.66	cps
Barium	137-1	5307352	5350930	5398457	5352246	0.85	cps
Beryllium	9-1	247156	250639	244671	247489	1.21	cps
Bismuth	209-1	6272711	6297125	6392943	6320927	1.01	cps
Bismuth	209-2	4686369	4673951	4695832	4685384	0.23	cps
Boron	10-1	37472	35618	37414	36835	2.86	cps
Boron	11-1	206405	201789	206222	204805	1.28	cps
Cadmium	106-1	66574	66809	65267	66216	1.25	cps
Cadmium	108-1	43705	42961	42969	43212	0.99	cps
Cadmium	111-1	609363	607998	610010	609123	0.17	cps
Calcium	43-1	724487	729397	740393	731426	1.11	cps
Calcium	44-1	11657299	11785819	11620545	11687887	0.74	cps
Chromium	52-2	899259	908371	904106	903912	0.50	cps
Cobalt	59-2	1464095	1479713	1470127	1471311	0.54	cps
Copper	63-2	2134939	2159543	2156726	2150403	0.63	cps
Dysprosium	156-2	7	10	10	9	21.63	cps
Dysprosium	156-1	33	17	42	31	41.66	cps
Erbium	164-1	58	75	17	50	60.09	cps
Erbium	164-2	27	10	23	20	44.10	cps
Gadolinium	160-2	37	27	17	27	37.50	cps
Gadolinium	160-1	58	50	83	64	27.15	cps
Holmium	165-2	6388317	6398890	6393867	6393691	0.08	cps
Holmium	165-1	10283010	10216655	10302123	10267263	0.44	cps
Indium	115-1	8528218	8403031	8547408	8492886	0.92	cps
Indium	115-2	1910408	1939261	1924429	1924699	0.75	cps
Iron	56-2	36938133	37638140	37167463	37247912	0.96	cps
Iron	57-2	918188	922103	919317	919869	0.22	cps
Lead	206-1	1697671	1712489	1721347	1710502	0.70	cps
Lead	207-1	1558322	1579041	1568903	1568755	0.66	cps
Lead	208-1	6986030	7055186	7086547	7042588	0.73	cps
Lithium	6-1	383330	389288	386486	386368	0.77	cps
Magnesium	24-2	5738964	5700609	5815132	5751568	1.01	cps
Manganese	55-2	972300	989170	975214	978895	0.92	cps

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 14:24:42	DataFile Name :	007CAL5_P7011717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2308693	2311651	2313357	2311234	0.10	cps
Molybdenum	95-1	1254376	1244983	1249433	1249597	0.38	cps
Molybdenum	96-1	1579533	1593427	1596466	1589808	0.57	cps
Molybdenum	97-1	765595	770643	776473	770904	0.71	cps
Molybdenum	98-1	1989329	1987023	1987535	1987962	0.06	cps
Neodymium	150-1	133	87	147	122	25.78	cps
Neodymium	150-2	13	13	10	12	15.73	cps
Nickel	60-2	395095	395519	394442	395019	0.14	cps
Phosphorus	31-2	27835	27551	27326	27571	0.93	cps
Potassium	39-2	3067817	3087262	3089470	3081516	0.39	cps
Rhodium	103-2	4499795	4482713	4503565	4495357	0.25	cps
Rhodium	103-1	7867955	7826844	7784650	7826483	0.53	cps
Scandium	45-1	5413878	5393336	5366853	5391356	0.44	cps
Scandium	45-2	279022	285144	286013	283393	1.34	cps
Selenium	77-2	1833	1817	1790	1813	1.21	cps
Selenium	78-2	6274	6263	6155	6230	1.05	cps
Selenium	82-1	37067	36978	36853	36966	0.29	cps
Silicon	28-1	2466855	2450980	2468471	2462102	0.39	cps
Silver	109-1	2904649	2863840	2923178	2897222	1.05	cps
Silver	107-1	3017192	3024190	3003590	3014991	0.35	cps
Sodium	23-2	11056323	10890014	10817868	10921402	1.12	cps
Strontium	86-1	885013	892499	890754	889422	0.44	cps
Strontium	88-1	7688825	7741726	7788443	7739665	0.64	cps
Sulfur	34-1	715111	708655	707909	710558	0.56	cps
Terbium	159-1	10775642	10746742	10958346	10826910	1.06	cps
Terbium	159-2	6526188	6422476	6314517	6421060	1.65	cps
Thallium	203-1	2118743	2128611	2149317	2132223	0.73	cps
Thallium	205-1	5179518	5216652	5190015	5195395	0.37	cps
Tin	118-1	2034768	2036793	2032423	2034661	0.11	cps
Titanium	47-1	351514	347970	344806	348097	0.96	cps
Uranium	238-1	7249394	7301737	7242609	7264580	0.45	cps
Vanadium	51-2	725611	735219	730875	730569	0.66	cps
Yttrium	89-2	1561752	1569525	1576242	1569173	0.46	cps
Yttrium	89-1	9269636	9176628	9345393	9263886	0.91	cps
Zinc	66-2	277723	281247	277981	278984	0.70	cps
Zirconium	90-1	4413346	4472405	4463437	4449729	0.72	cps

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 14:24:42	DataFile Name :	007CALS_P7011717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	968691	979947	985834	978158	0.89	cps

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 14:28:25	DataFile Name :	008CAL5_P7011717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	939526	925759	940816	935367	0.89	cps
Antimony	121-1	5076041	5099622	5114259	5096641	0.38	cps
Arsenic	75-2	206777	205121	208277	206725	0.76	cps
Barium	135-1	5974849	6083320	6058733	6038967	0.94	cps
Barium	137-1	10474023	10494192	10454919	10474378	0.19	cps
Beryllium	9-1	480879	482103	484241	482407	0.35	cps
Bismuth	209-1	6252667	6227114	6275308	6251696	0.39	cps
Bismuth	209-2	4632098	4644814	4651049	4642654	0.21	cps
Boron	10-1	73077	73529	72449	73018	0.74	cps
Boron	11-1	395012	404791	404817	401540	1.41	cps
Cadmium	106-1	127184	127788	128369	127780	0.46	cps
Cadmium	108-1	86952	85585	86923	86487	0.90	cps
Cadmium	111-1	1182175	1186238	1191692	1186702	0.40	cps
Calcium	43-1	1453020	1438445	1439618	1443695	0.56	cps
Calcium	44-1	23410233	22964226	22957763	23110741	1.12	cps
Chromium	52-2	1782898	1777381	1793693	1784657	0.46	cps
Cobalt	59-2	2893932	2908524	2937890	2913449	0.77	cps
Copper	63-2	4216351	4224188	4243466	4228002	0.33	cps
Dysprosium	156-2	17	17	30	21	36.45	cps
Dysprosium	156-1	58	50	25	44	39.04	cps
Erbium	164-1	33	58	33	42	34.65	cps
Erbium	164-2	47	33	13	31	53.94	cps
Gadolinium	160-2	27	37	63	42	44.88	cps
Gadolinium	160-1	42	83	100	75	40.06	cps
Holmium	165-2	6342081	6344603	6393146	6359943	0.45	cps
Holmium	165-1	10257689	10218959	10243899	10240182	0.19	cps
Indium	115-1	8391110	8359340	8372568	8374339	0.19	cps
Indium	115-2	1896591	1906760	1922426	1908592	0.68	cps
Iron	56-2	73742118	72499821	73628579	73290173	0.94	cps
Iron	57-2	1798568	1813469	1830314	1814117	0.88	cps
Lead	206-1	3433749	3387709	3409932	3410463	0.68	cps
Lead	207-1	3152765	3130277	3130207	3137750	0.41	cps
Lead	208-1	14067207	13924168	13899500	13963625	0.65	cps
Lithium	6-1	375771	377944	384298	379338	1.17	cps
Magnesium	24-2	11201705	11190917	11439843	11277489	1.25	cps
Manganese	55-2	1938673	1927315	1944814	1936934	0.46	cps

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 14:28:25	DataFile Name :	008CAL5_P7011717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4652051	4630086	4681324	4654487	0.55	cps
Molybdenum	95-1	2497042	2481910	2512262	2497071	0.61	cps
Molybdenum	96-1	3163802	3179409	3200204	3181138	0.57	cps
Molybdenum	97-1	1527755	1527801	1528832	1528129	0.04	cps
Molybdenum	98-1	3996297	3984931	4020597	4000608	0.46	cps
Neodymium	150-1	167	253	193	204	21.71	cps
Neodymium	150-2	20	40	27	29	35.25	cps
Nickel	60-2	769216	774310	787218	776915	1.19	cps
Phosphorus	31-2	55370	55036	56650	55686	1.53	cps
Potassium	39-2	5918475	5938847	5952218	5936513	0.29	cps
Rhodium	103-2	4410674	4478213	4459335	4449408	0.78	cps
Rhodium	103-1	7762058	7720415	7814422	7765632	0.61	cps
Scandium	45-1	5322357	5310214	5294774	5309115	0.26	cps
Scandium	45-2	279901	280146	280800	280282	0.17	cps
Selenium	77-2	3427	3581	3801	3603	5.21	cps
Selenium	78-2	12320	12437	12216	12324	0.90	cps
Selenium	82-1	74205	72896	73940	73681	0.94	cps
Silicon	28-1	3832508	3871182	3842042	3848577	0.52	cps
Silver	109-1	5727791	5658870	5751302	5712654	0.84	cps
Silver	107-1	5912981	5932557	6041474	5962338	1.16	cps
Sodium	23-2	21493918	21436444	21451488	21460617	0.14	cps
Strontium	86-1	1765266	1764708	1764076	1764683	0.03	cps
Strontium	88-1	15421436	15281753	15242551	15315247	0.61	cps
Sulfur	34-1	900805	897226	904850	900960	0.42	cps
Terbium	159-1	10778568	10711041	10955960	10815190	1.17	cps
Terbium	159-2	6315990	6515841	6342021	6391284	1.70	cps
Thallium	203-1	4259000	4292087	4232026	4261038	0.71	cps
Thallium	205-1	10022364	9840619	10111274	9991419	1.38	cps
Tin	118-1	4032713	4082670	4062700	4059361	0.62	cps
Titanium	47-1	692409	692244	694986	693213	0.22	cps
Uranium	238-1	14668616	14381004	14261700	14437107	1.45	cps
Vanadium	51-2	1444864	1451168	1466910	1454314	0.78	cps
Yttrium	89-2	1561104	1565984	1575129	1567406	0.45	cps
Yttrium	89-1	9294236	9429067	9379006	9367436	0.73	cps
Zinc	66-2	553723	551598	561922	555748	0.98	cps
Zirconium	90-1	8847870	8822415	8840217	8836834	0.15	cps

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 14:28:25	DataFile Name :	008CALS_P7011717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1948270	1956261	1974958	1959830	0.70	cps

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 14:32:04	DataFile Name :	009CAL5_P7011717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1883733	1890220	1873513	1882489	0.45	cps
Antimony	121-1	10195872	10142234	10159845	10165984	0.27	cps
Arsenic	75-2	414218	418728	419958	417635	0.72	cps
Barium	135-1	11987022	12255598	12241847	12161489	1.24	cps
Barium	137-1	20933856	21086304	21077531	21032563	0.41	cps
Beryllium	9-1	949857	960404	957137	955799	0.56	cps
Bismuth	209-1	6132833	6086314	6163567	6127571	0.63	cps
Bismuth	209-2	4505675	4564856	4568078	4546203	0.77	cps
Boron	10-1	142499	145259	143609	143789	0.97	cps
Boron	11-1	798984	800619	812838	804147	0.94	cps
Cadmium	106-1	255259	255988	258512	256586	0.67	cps
Cadmium	108-1	166444	170204	169174	168607	1.15	cps
Cadmium	111-1	2365607	2375022	2377447	2372692	0.26	cps
Calcium	43-1	2909658	2909440	2936829	2918642	0.54	cps
Calcium	44-1	46440969	46643890	46373294	46486051	0.30	cps
Chromium	52-2	3543313	3626362	3608759	3592811	1.22	cps
Cobalt	59-2	5658819	5749148	5744309	5717425	0.89	cps
Copper	63-2	8122522	8219377	8268449	8203449	0.91	cps
Dysprosium	156-2	40	37	37	38	5.09	cps
Dysprosium	156-1	208	175	150	178	16.46	cps
Erbium	164-1	50	92	33	58	51.51	cps
Erbium	164-2	17	20	13	17	20.01	cps
Gadolinium	160-2	50	53	47	50	6.66	cps
Gadolinium	160-1	150	50	83	94	53.91	cps
Holmium	165-2	6354738	6360476	6430432	6381882	0.66	cps
Holmium	165-1	10401304	10357317	10465366	10407995	0.52	cps
Indium	115-1	8311921	8347356	8281586	8313621	0.40	cps
Indium	115-2	1863111	1899098	1880079	1880763	0.96	cps
Iron	56-2	147556914	148076687	147723137	147785579	0.18	cps
Iron	57-2	3618180	3654233	3655287	3642567	0.58	cps
Lead	206-1	6654056	6836025	6854636	6781572	1.63	cps
Lead	207-1	6127227	6255549	6311080	6231285	1.51	cps
Lead	208-1	27253194	27709774	27741878	27568282	0.99	cps
Lithium	6-1	377813	377146	381092	378684	0.56	cps
Magnesium	24-2	22405512	22675856	22435720	22505696	0.66	cps
Manganese	55-2	3858554	3924089	3898367	3893670	0.85	cps

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 14:32:04	DataFile Name :	009CAL5_P7011717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	9372948	9428189	9451658	9417598	0.43	cps
Molybdenum	95-1	5028667	5063234	5103117	5065006	0.74	cps
Molybdenum	96-1	6325941	6366470	6353285	6348565	0.33	cps
Molybdenum	97-1	3100164	3106775	3104868	3103936	0.11	cps
Molybdenum	98-1	8013406	7977375	7988941	7993240	0.23	cps
Neodymium	150-1	527	573	607	569	7.06	cps
Neodymium	150-2	67	77	80	74	9.32	cps
Nickel	60-2	1513859	1544782	1533852	1530831	1.02	cps
Phosphorus	31-2	109426	109289	110574	109763	0.64	cps
Potassium	39-2	11741939	12003952	11798292	11848061	1.16	cps
Rhodium	103-2	4317055	4410661	4378426	4368714	1.09	cps
Rhodium	103-1	7725517	7621094	7677658	7674756	0.68	cps
Scandium	45-1	5357424	5358152	5399785	5371787	0.45	cps
Scandium	45-2	283103	289538	286706	286449	1.13	cps
Selenium	77-2	7525	7816	7555	7632	2.09	cps
Selenium	78-2	24421	25177	24985	24861	1.58	cps
Selenium	82-1	146056	146503	148110	146890	0.74	cps
Silicon	28-1	5175263	5107448	5190503	5157738	0.86	cps
Silver	109-1	11195424	11179453	11313649	11229509	0.65	cps
Silver	107-1	11688146	11695835	11607184	11663722	0.42	cps
Sodium	23-2	42936087	43319420	43116950	43124152	0.44	cps
Strontium	86-1	3533736	3574818	3601895	3570150	0.96	cps
Strontium	88-1	30918045	30720569	31006725	30881780	0.47	cps
Sulfur	34-1	1335898	1320599	1336470	1330989	0.68	cps
Terbium	159-1	10960223	10971354	10860859	10930812	0.56	cps
Terbium	159-2	6285923	6366002	6369457	6340461	0.75	cps
Thallium	203-1	8436725	8432449	8485883	8451686	0.35	cps
Thallium	205-1	19915932	20020963	20273500	20070132	0.92	cps
Tin	118-1	8016172	8024569	7994467	8011736	0.19	cps
Titanium	47-1	1377947	1395024	1390793	1387921	0.64	cps
Uranium	238-1	28875996	28997387	28496102	28789828	0.91	cps
Vanadium	51-2	2910581	2971222	2949641	2943815	1.04	cps
Yttrium	89-2	1568123	1579276	1582098	1576499	0.47	cps
Yttrium	89-1	9499618	9346509	9412227	9419451	0.82	cps
Zinc	66-2	1072162	1081579	1088340	1080694	0.75	cps
Zirconium	90-1	17676290	17859840	17764888	17767006	0.52	cps

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 14:32:04	DataFile Name :	009CALS_P7011717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3912305	3961661	3966518	3946828	0.76	cps

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 14:35:39	DataFile Name :	010CAL5_P7011717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9546575	9668686	9663000	9626087	0.72	cps
Antimony	121-1	36732	40050	42708	39830	7.52	cps
Arsenic	75-2	656	696	789	714	9.58	cps
Barium	135-1	3542	3426	3809	3592	5.47	cps
Barium	137-1	5693	5576	5968	5746	3.50	cps
Beryllium	9-1	111	89	117	106	13.93	cps
Bismuth	209-1	5310286	5299166	5305523	5304992	0.11	cps
Bismuth	209-2	4040419	4113012	4074936	4076122	0.89	cps
Boron	10-1	1233	1317	1200	1250	4.81	cps
Boron	11-1	7877	7119	6452	7149	9.98	cps
Cadmium	106-1	2684	2384	2417	2495	6.59	cps
Cadmium	108-1	75	54	54	61	19.68	cps
Cadmium	111-1	2572	2264	2179	2338	8.84	cps
Calcium	43-1	14481601	14449292	14623774	14518222	0.64	cps
Calcium	44-1	233830622	230195613	235432930	233153055	1.15	cps
Chromium	52-2	104773	103926	103994	104231	0.45	cps
Cobalt	59-2	7369	7449	7559	7459	1.28	cps
Copper	63-2	13613	13613	14007	13744	1.65	cps
Dysprosium	156-2	53	60	83	66	24.04	cps
Dysprosium	156-1	183	133	150	156	16.37	cps
Erbium	164-1	92	92	50	78	30.93	cps
Erbium	164-2	50	43	47	47	7.15	cps
Gadolinium	160-2	103	70	83	86	19.61	cps
Gadolinium	160-1	142	167	108	139	21.07	cps
Holmium	165-2	6226415	6227896	6240505	6231605	0.12	cps
Holmium	165-1	9631416	9683410	9669474	9661433	0.28	cps
Indium	115-1	7770925	7929159	7735426	7811837	1.32	cps
Indium	115-2	1816171	1827592	1831811	1825191	0.44	cps
Iron	56-2	737975261	739536194	750615195	742708883	0.93	cps
Iron	57-2	18508030	18502987	18480030	18497016	0.08	cps
Lead	206-1	12629	13491	13479	13199	3.75	cps
Lead	207-1	11144	11683	11950	11592	3.54	cps
Lead	208-1	50327	53165	53671	52388	3.44	cps
Lithium	6-1	359411	361203	356446	359020	0.67	cps
Magnesium	24-2	111287994	112466715	110788257	111514322	0.77	cps
Manganese	55-2	14244	14541	14751	14512	1.76	cps

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 14:35:39	DataFile Name :	010CAL5_P7011717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	19289	19806	20607	19901	3.34	cps
Molybdenum	95-1	31093	33265	35052	33137	5.98	cps
Molybdenum	96-1	38762	39882	42790	40478	5.14	cps
Molybdenum	97-1	19406	20190	20608	20068	3.04	cps
Molybdenum	98-1	50072	51612	55066	52250	4.90	cps
Neodymium	150-1	100	113	107	107	6.25	cps
Neodymium	150-2	83	47	80	70	28.96	cps
Nickel	60-2	27186	26898	26377	26820	1.53	cps
Phosphorus	31-2	375	342	283	333	13.92	cps
Potassium	39-2	58495297	59457008	59652868	59201724	1.05	cps
Rhodium	103-2	4001666	4002037	4027434	4010379	0.37	cps
Rhodium	103-1	6995427	6964971	6948428	6969609	0.34	cps
Scandium	45-1	5246284	5210643	5295051	5250659	0.81	cps
Scandium	45-2	281405	282551	284156	282704	0.49	cps
Selenium	77-2	30	7	27	21	59.77	cps
Selenium	78-2	154	122	154	143	12.69	cps
Selenium	82-1	335	528	446	436	22.20	cps
Silicon	28-1	951941	938140	947924	946001	0.75	cps
Silver	109-1	867	842	783	831	5.15	cps
Silver	107-1	950	850	667	822	17.48	cps
Sodium	23-2	212933509	214176596	213859984	213656696	0.30	cps
Strontium	86-1	102792	102918	101205	102305	0.93	cps
Strontium	88-1	885780	888569	894133	889494	0.48	cps
Sulfur	34-1	458480	464712	477191	466794	2.04	cps
Terbium	159-1	10246611	10121485	9944335	10104144	1.50	cps
Terbium	159-2	6250384	6263811	6258650	6257615	0.11	cps
Thallium	203-1	3734	3967	3534	3745	5.79	cps
Thallium	205-1	9112	9062	8420	8864	4.35	cps
Tin	118-1	8903	9904	10238	9682	7.17	cps
Titanium	47-1	3456	1125	2421	2334	50.04	cps
Uranium	238-1	4243	5018	4834	4698	8.62	cps
Vanadium	51-2	927	903	927	919	1.47	cps
Yttrium	89-2	1533981	1538468	1542745	1538398	0.28	cps
Yttrium	89-1	8857551	8886682	8944327	8896187	0.50	cps
Zinc	66-2	6155	6328	6165	6216	1.57	cps
Zirconium	90-1	3592	3492	3751	3612	3.61	cps

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 14:35:39	DataFile Name :	010CALS_P7011717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	800	792	800	797	0.60	cps

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 14:48:38	DataFile Name :	011ICV01_P7011717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	51824	52652	51975	52150	0.85	cps
Antimony	121-1	1918521	1907564	1908315	1911467	0.32	cps
Arsenic	75-2	82324	83773	83329	83142	0.89	cps
Barium	135-1	237510	238676	238811	238332	0.30	cps
Barium	137-1	412890	412918	417631	414480	0.66	cps
Beryllium	9-1	96724	98713	96634	97357	1.21	cps
Bismuth	209-1	6309584	6298158	6406752	6338165	0.94	cps
Bismuth	209-2	4691657	4767029	4730620	4729769	0.80	cps
Boron	10-1	71412	70942	73210	71855	1.67	cps
Boron	11-1	396181	394121	404560	398287	1.39	cps
Cadmium	106-1	45884	45566	45599	45683	0.38	cps
Cadmium	108-1	24012	23040	23641	23564	2.08	cps
Cadmium	111-1	245807	246981	246931	246573	0.27	cps
Calcium	43-1	65689	64901	65153	65248	0.62	cps
Calcium	44-1	1018680	1019790	1018444	1018971	0.07	cps
Chromium	52-2	347581	352567	348670	349606	0.75	cps
Cobalt	59-2	586349	589862	586802	587671	0.33	cps
Copper	63-2	426495	432659	429371	429508	0.72	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Dysprosium	156-1	0	0	17	6	173.21	cps
Erbium	164-1	83	75	50	69	24.98	cps
Erbium	164-2	50	60	53	54	9.35	cps
Gadolinium	160-2	33	27	17	26	32.81	cps
Gadolinium	160-1	83	92	67	81	15.80	cps
Holmium	165-2	6466395	6369094	6548957	6461482	1.39	cps
Holmium	165-1	10145882	10181861	10233117	10186953	0.43	cps
Indium	115-1	8523337	8525549	8498865	8515917	0.17	cps
Indium	115-2	1957568	1955761	1969129	1960819	0.37	cps
Iron	56-2	2924019	2950800	2940805	2938541	0.46	cps
Iron	57-2	72657	73830	72495	72994	1.00	cps
Lead	206-1	1371193	1374620	1377281	1374365	0.22	cps
Lead	207-1	1202860	1204483	1203787	1203710	0.07	cps
Lead	208-1	5523766	5515873	5554878	5531506	0.37	cps
Lithium	6-1	399039	394099	397904	397014	0.65	cps
Magnesium	24-2	277077	278343	275511	276977	0.51	cps
Manganese	55-2	191705	196971	193910	194195	1.36	cps

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 14:48:38	DataFile Name :	011ICV01_P7011717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4478429	4524590	4511252	4504757	0.53	cps
Molybdenum	95-1	2394108	2407429	2388062	2396533	0.41	cps
Molybdenum	96-1	3086739	3077186	3052693	3072206	0.57	cps
Molybdenum	97-1	1484143	1486580	1481267	1483997	0.18	cps
Molybdenum	98-1	3866462	3863982	3851516	3860653	0.21	cps
Neodymium	150-1	20	7	20	16	49.47	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	155926	159781	159015	158240	1.29	cps
Phosphorus	31-2	333	375	308	339	9.94	cps
Potassium	39-2	519434	519584	521444	520154	0.22	cps
Rhodium	103-2	4608291	4528681	4562614	4566529	0.87	cps
Rhodium	103-1	8014332	7984681	7980337	7993117	0.23	cps
Scandium	45-1	5513605	5459529	5412488	5461874	0.93	cps
Scandium	45-2	286507	288377	284835	286573	0.62	cps
Selenium	77-2	1610	1530	1427	1522	6.04	cps
Selenium	78-2	4971	5082	5027	5027	1.11	cps
Selenium	82-1	29142	29678	29182	29334	1.02	cps
Silicon	28-1	3786455	3787855	3784409	3786240	0.05	cps
Silver	109-1	1123835	1136837	1120571	1127081	0.76	cps
Silver	107-1	1181891	1172566	1189514	1181324	0.72	cps
Sodium	23-2	883467	890433	887145	887015	0.39	cps
Strontium	86-1	1608986	1603531	1602181	1604899	0.22	cps
Strontium	88-1	14148818	13904828	14074616	14042754	0.89	cps
Sulfur	34-1	501320	505732	501866	502973	0.48	cps
Terbium	159-1	10874199	10670989	10761805	10768997	0.95	cps
Terbium	159-2	6455106	6439842	6368388	6421112	0.72	cps
Thallium	203-1	1679690	1689820	1701696	1690402	0.65	cps
Thallium	205-1	4098568	4110536	4125369	4111491	0.33	cps
Tin	118-1	3946013	3991252	3955857	3964374	0.60	cps
Titanium	47-1	678234	677991	667141	674455	0.94	cps
Uranium	238-1	14223115	14072652	14086727	14127498	0.59	cps
Vanadium	51-2	287926	290879	287084	288630	0.69	cps
Yttrium	89-2	1584466	1581552	1594940	1586986	0.44	cps
Yttrium	89-1	9368310	9446181	9500538	9438343	0.70	cps
Zinc	66-2	117610	119433	117168	118070	1.02	cps
Zirconium	90-1	8636763	8721748	8609322	8655944	0.68	cps

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 14:48:38	DataFile Name :	011ICV01_P7011717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1889830	1909341	1912125	1903766	0.64	cps

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 15:11:15	DataFile Name :	013LCSE_P7011717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1492	1875	1834	1734	12.13	cps
Antimony	121-1	20249	19656	20057	19987	1.51	cps
Arsenic	75-2	428	341	417	395	11.99	cps
Barium	135-1	20291	20249	20207	20249	0.21	cps
Barium	137-1	35547	35805	34252	35201	2.36	cps
Beryllium	9-1	861	861	1028	917	10.50	cps
Bismuth	209-1	6116898	6139293	6149488	6135226	0.27	cps
Bismuth	209-2	4603196	4647667	4678102	4642988	0.81	cps
Boron	10-1	2925	3517	3409	3284	9.60	cps
Boron	11-1	18462	18721	18595	18593	0.70	cps
Cadmium	106-1	2317	2642	2867	2609	10.60	cps
Cadmium	108-1	175	154	171	167	6.61	cps
Cadmium	111-1	3541	3700	3917	3719	5.07	cps
Calcium	43-1	12623	12614	13056	12764	1.98	cps
Calcium	44-1	222281	225099	220456	222612	1.05	cps
Chromium	52-2	8386	8659	8353	8466	1.99	cps
Cobalt	59-2	5251	5241	5281	5258	0.40	cps
Copper	63-2	8953	8626	8549	8709	2.46	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Erbium	164-1	83	67	50	67	25.00	cps
Erbium	164-2	23	30	30	28	13.86	cps
Gadolinium	160-2	30	60	27	39	47.20	cps
Gadolinium	160-1	42	92	33	56	56.79	cps
Holmium	165-2	6224500	6343818	6332773	6300364	1.05	cps
Holmium	165-1	9952543	9883985	9927110	9921213	0.35	cps
Indium	115-1	8412309	8457526	8329986	8399940	0.77	cps
Indium	115-2	1920072	1912784	1927170	1920009	0.37	cps
Iron	56-2	131298	131051	133018	131789	0.81	cps
Iron	57-2	3378	3345	3395	3373	0.75	cps
Lead	206-1	6580	6774	6168	6507	4.75	cps
Lead	207-1	6152	5851	5946	5983	2.56	cps
Lead	208-1	27239	27290	26244	26925	2.19	cps
Lithium	6-1	389543	382023	379502	383689	1.36	cps
Magnesium	24-2	103045	103079	101267	102464	1.01	cps
Manganese	55-2	1763	1763	1823	1783	1.94	cps

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 15:11:15	DataFile Name :	013LCSE_P7011717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	16477	17336	16911	16908	2.54	cps
Molybdenum	95-1	20424	20908	20716	20682	1.18	cps
Molybdenum	96-1	23879	23028	23529	23479	1.82	cps
Molybdenum	97-1	13006	12831	12923	12920	0.68	cps
Molybdenum	98-1	33156	34668	33641	33822	2.28	cps
Neodymium	150-1	13	7	20	13	49.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1460	1557	1493	1503	3.27	cps
Phosphorus	31-2	425	367	467	419	11.98	cps
Potassium	39-2	144102	145060	146020	145061	0.66	cps
Rhodium	103-2	4397603	4459520	4448095	4435073	0.74	cps
Rhodium	103-1	7745761	7834460	7732719	7770980	0.71	cps
Scandium	45-1	5300796	5243250	5270334	5271460	0.55	cps
Scandium	45-2	275412	278035	278785	277411	0.64	cps
Selenium	77-2	20	27	30	26	19.92	cps
Selenium	78-2	220	243	209	224	7.58	cps
Selenium	82-1	656	794	643	698	11.96	cps
Silicon	28-1	962945	968241	968522	966569	0.33	cps
Silver	109-1	9387	9604	9220	9404	2.05	cps
Silver	107-1	9904	10204	9795	9968	2.12	cps
Sodium	23-2	207373	209182	211610	209388	1.02	cps
Strontium	86-1	3784	4026	3559	3790	6.16	cps
Strontium	88-1	24781	25298	25014	25031	1.04	cps
Sulfur	34-1	504923	501494	506570	504329	0.51	cps
Terbium	159-1	10475938	10516609	10390444	10460997	0.62	cps
Terbium	159-2	6318363	6174786	6198376	6230509	1.24	cps
Thallium	203-1	6785	7311	7552	7216	5.43	cps
Thallium	205-1	17913	18514	17437	17955	3.01	cps
Tin	118-1	35154	35504	34067	34908	2.15	cps
Titanium	47-1	5935	6260	5793	5996	3.99	cps
Uranium	238-1	25985	25334	25025	25448	1.93	cps
Vanadium	51-2	12912	12339	12656	12636	2.27	cps
Yttrium	89-2	1521522	1547813	1550957	1540097	1.05	cps
Yttrium	89-1	9041797	9091330	8978545	9037224	0.63	cps
Zinc	66-2	1107	1120	1057	1095	3.05	cps
Zirconium	90-1	13490	13190	13090	13257	1.57	cps

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 15:11:15	DataFile Name :	013LCSE_P7011717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3084	3117	2967	3056	2.58	cps

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 15:14:48	DataFile Name :	014CCBE_P7011717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	17	33	33	50.00	cps
Antimony	121-1	1392	1584	1750	1575	11.39	cps
Arsenic	75-2	17	44	30	30	45.94	cps
Barium	135-1	58	0	17	25	120.18	cps
Barium	137-1	50	17	17	28	69.27	cps
Beryllium	9-1	11	6	17	11	49.99	cps
Bismuth	209-1	6162067	6247439	6194524	6201343	0.69	cps
Bismuth	209-2	4595949	4659208	4682426	4645861	0.96	cps
Boron	10-1	258	317	383	319	19.58	cps
Boron	11-1	1692	1550	1608	1617	4.40	cps
Cadmium	106-1	2600	2450	2417	2489	3.92	cps
Cadmium	108-1	0	0	4	1	173.21	cps
Cadmium	111-1	1833	1719	1693	1748	4.24	cps
Calcium	43-1	158	142	142	147	6.54	cps
Calcium	44-1	21208	21825	22468	21834	2.89	cps
Chromium	52-2	1830	1847	1873	1850	1.18	cps
Cobalt	59-2	93	127	90	103	19.62	cps
Copper	63-2	970	1010	1137	1039	8.38	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Erbium	164-1	50	50	42	47	10.18	cps
Erbium	164-2	30	3	0	11	148.01	cps
Gadolinium	160-2	40	40	20	33	34.64	cps
Gadolinium	160-1	83	50	83	72	26.65	cps
Holmium	165-2	6343687	6392283	6446031	6394001	0.80	cps
Holmium	165-1	10095911	9942142	10055772	10031275	0.80	cps
Indium	115-1	8335325	8394791	8393750	8374622	0.41	cps
Indium	115-2	1901491	1922355	1932358	1918735	0.82	cps
Iron	56-2	4751	5090	4995	4945	3.54	cps
Iron	57-2	167	72	128	122	38.84	cps
Lead	206-1	706	672	567	648	11.19	cps
Lead	207-1	544	511	611	556	9.16	cps
Lead	208-1	2700	2439	2406	2515	6.41	cps
Lithium	6-1	392717	396413	398926	396019	0.79	cps
Magnesium	24-2	158	108	133	133	18.75	cps
Manganese	55-2	60	63	73	66	10.59	cps

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 15:14:48	DataFile Name :	014CCBE_P7011717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	642	642	733	672	7.87	cps
Molybdenum	95-1	400	508	700	536	28.34	cps
Molybdenum	96-1	492	567	625	561	11.91	cps
Molybdenum	97-1	317	283	458	353	26.34	cps
Molybdenum	98-1	525	717	1125	789	38.85	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	57	43	50	50	13.34	cps
Phosphorus	31-2	258	283	383	308	21.45	cps
Potassium	39-2	41183	41192	40590	40988	0.84	cps
Rhodium	103-2	4436087	4474814	4438241	4449714	0.49	cps
Rhodium	103-1	7820539	7802341	7957478	7860120	1.08	cps
Scandium	45-1	5268323	5345215	5276425	5296654	0.80	cps
Scandium	45-2	275496	277243	278958	277232	0.62	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	102	120	107	110	8.65	cps
Selenium	82-1	36	80	-1	39	104.82	cps
Silicon	28-1	939032	941527	952079	944212	0.73	cps
Silver	109-1	183	100	200	161	33.26	cps
Silver	107-1	183	200	217	200	8.33	cps
Sodium	23-2	19463	19380	19905	19583	1.44	cps
Strontium	86-1	958	967	1092	1006	7.43	cps
Strontium	88-1	83	42	42	56	43.30	cps
Sulfur	34-1	510680	516379	507544	511534	0.88	cps
Terbium	159-1	10472681	10470318	10332304	10425101	0.77	cps
Terbium	159-2	6191160	6267699	6241391	6233417	0.62	cps
Thallium	203-1	33	67	92	64	45.81	cps
Thallium	205-1	142	142	150	144	3.33	cps
Tin	118-1	1183	1267	1317	1256	5.36	cps
Titanium	47-1	200	175	100	158	32.87	cps
Uranium	238-1	50	33	58	47	26.97	cps
Vanadium	51-2	10	20	3	11	75.52	cps
Yttrium	89-2	1531461	1539727	1541395	1537527	0.35	cps
Yttrium	89-1	9257346	9210563	9170894	9212934	0.47	cps
Zinc	66-2	127	143	110	127	13.16	cps
Zirconium	90-1	967	1108	1108	1061	7.71	cps

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 15:14:48	DataFile Name :	014CCBE_P7011717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	242	242	267	250	5.77	cps

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 15:18:22	DataFile Name :	015ICSA01_P7011717-M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8977365	9034424	9018921	9010237	0.33	cps
Antimony	121-1	11981	12932	12856	12589	4.20	cps
Arsenic	75-2	152	211	159	174	18.55	cps
Barium	135-1	3434	3676	3751	3620	4.57	cps
Barium	137-1	6619	6335	6402	6452	2.30	cps
Beryllium	9-1	306	311	250	289	11.70	cps
Bismuth	209-1	5921546	5894220	5906027	5907264	0.23	cps
Bismuth	209-2	4405488	4454691	4480041	4446740	0.85	cps
Boron	10-1	325	367	408	367	11.36	cps
Boron	11-1	2125	1992	1800	1972	8.28	cps
Cadmium	106-1	2425	2425	2334	2395	2.21	cps
Cadmium	108-1	2029	1650	1942	1874	10.60	cps
Cadmium	111-1	2557	2764	2495	2605	5.40	cps
Calcium	43-1	2811918	2809026	2838225	2819723	0.57	cps
Calcium	44-1	45373357	45108374	45838991	45440241	0.81	cps
Chromium	52-2	70230	69570	69761	69854	0.49	cps
Cobalt	59-2	6688	6788	6645	6707	1.10	cps
Copper	63-2	33996	34213	33742	33984	0.69	cps
Dysprosium	156-2	47	27	47	40	28.87	cps
Dysprosium	156-1	67	33	25	42	52.92	cps
Erbium	164-1	83	58	75	72	17.62	cps
Erbium	164-2	33	33	30	32	5.97	cps
Gadolinium	160-2	43	57	47	49	14.20	cps
Gadolinium	160-1	75	100	117	97	21.57	cps
Holmium	165-2	6386385	6290182	6426123	6367563	1.10	cps
Holmium	165-1	9965550	10173383	10094883	10077939	1.04	cps
Indium	115-1	8164130	8062415	8355134	8193893	1.81	cps
Indium	115-2	1852808	1864380	1846422	1854537	0.49	cps
Iron	56-2	281324384	281055629	282805290	281728434	0.33	cps
Iron	57-2	7011711	7065170	7070486	7049122	0.46	cps
Lead	206-1	31889	32178	32507	32191	0.96	cps
Lead	207-1	25447	25147	25430	25341	0.67	cps
Lead	208-1	119855	120475	120546	120292	0.32	cps
Lithium	6-1	385252	384088	382094	383811	0.42	cps
Magnesium	24-2	21653132	21667564	21764836	21695177	0.28	cps
Manganese	55-2	14881	15508	14908	15099	2.35	cps

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 15:18:22	DataFile Name :	015ICSA01_P7011717-M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5301451	5393208	5403768	5366142	1.05	cps
Molybdenum	95-1	9340694	9526224	9496152	9454357	1.05	cps
Molybdenum	96-1	9905966	9987318	10017827	9970370	0.58	cps
Molybdenum	97-1	5775005	5802000	5927576	5834860	1.40	cps
Molybdenum	98-1	14971891	14930947	15190346	15031061	0.93	cps
Neodymium	150-1	53	60	53	56	6.92	cps
Neodymium	150-2	23	43	13	27	57.29	cps
Nickel	60-2	8232	8353	8186	8257	1.04	cps
Phosphorus	31-2	518571	524814	527587	523657	0.88	cps
Potassium	39-2	22840615	23291559	22912976	23015050	1.05	cps
Rhodium	103-2	4216476	4249014	4195048	4220179	0.64	cps
Rhodium	103-1	7448601	7370240	7447412	7422084	0.60	cps
Scandium	45-1	5210153	5280570	5288520	5259748	0.82	cps
Scandium	45-2	269712	275839	272678	272743	1.12	cps
Selenium	77-2	10	0	0	3	173.21	cps
Selenium	78-2	94	98	89	94	4.97	cps
Selenium	82-1	73	66	44	61	24.96	cps
Silicon	28-1	1059980	1061710	1069977	1063889	0.50	cps
Silver	109-1	825	650	717	731	12.09	cps
Silver	107-1	767	833	883	828	7.07	cps
Sodium	23-2	41173729	40827701	41095382	41032271	0.44	cps
Strontium	86-1	106123	107466	107526	107038	0.74	cps
Strontium	88-1	915619	925215	925317	922051	0.60	cps
Sulfur	34-1	3645672	3635009	3636353	3639011	0.16	cps
Terbium	159-1	10406964	10650139	10409880	10488995	1.33	cps
Terbium	159-2	6315854	6244180	6206048	6255361	0.89	cps
Thallium	203-1	158	167	142	156	8.19	cps
Thallium	205-1	517	408	292	406	27.75	cps
Tin	118-1	2475	2425	2350	2417	2.60	cps
Titanium	47-1	2623293	2671020	2674775	2656363	1.08	cps
Uranium	238-1	550	617	600	589	5.89	cps
Vanadium	51-2	550	510	453	504	9.63	cps
Yttrium	89-2	1520896	1521117	1532653	1524889	0.44	cps
Yttrium	89-1	9031728	9037805	9013870	9027801	0.14	cps
Zinc	66-2	6021	6215	6385	6207	2.93	cps
Zirconium	90-1	2550	2809	2842	2734	5.84	cps

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 15:18:22	DataFile Name :	015ICSA01_P7011717-M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	742	667	658	689	6.66	cps

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 15:21:52	DataFile Name :	016ICSB_P7011717-MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8955767	9043058	9029420	9009415	0.52	cps
Antimony	121-1	197908	194456	194634	195666	0.99	cps
Arsenic	75-2	8182	8143	7971	8099	1.39	cps
Barium	135-1	51188	52567	51070	51608	1.61	cps
Barium	137-1	88221	89925	92206	90117	2.22	cps
Beryllium	9-1	19368	19062	18968	19133	1.09	cps
Bismuth	209-1	5852288	5900547	5935818	5896217	0.71	cps
Bismuth	209-2	4447574	4400215	4427167	4424985	0.54	cps
Boron	10-1	6652	7294	7277	7074	5.17	cps
Boron	11-1	38316	40046	39093	39152	2.21	cps
Cadmium	106-1	8219	8820	8186	8408	4.24	cps
Cadmium	108-1	5222	5555	5480	5419	3.23	cps
Cadmium	111-1	47647	49125	48563	48445	1.54	cps
Calcium	43-1	2837131	2840971	2854186	2844096	0.31	cps
Calcium	44-1	45428258	45611646	45840973	45626959	0.45	cps
Chromium	52-2	136744	138396	137827	137656	0.61	cps
Cobalt	59-2	119647	120883	119761	120097	0.57	cps
Copper	63-2	115716	113167	114278	114387	1.12	cps
Dysprosium	156-2	43	37	37	39	9.89	cps
Dysprosium	156-1	67	42	33	47	36.74	cps
Erbium	164-1	67	83	108	86	24.35	cps
Erbium	164-2	27	33	57	39	40.51	cps
Gadolinium	160-2	53	17	97	56	72.08	cps
Gadolinium	160-1	92	75	100	89	14.32	cps
Holmium	165-2	6327499	6407168	6419113	6384594	0.78	cps
Holmium	165-1	10253327	10228991	10218959	10233759	0.17	cps
Indium	115-1	8201874	8224222	8302004	8242700	0.64	cps
Indium	115-2	1850550	1861478	1862333	1858120	0.35	cps
Iron	56-2	284135773	279526456	277970212	280544147	1.14	cps
Iron	57-2	7081627	6944901	6929962	6985497	1.20	cps
Lead	206-1	164578	165148	163865	164530	0.39	cps
Lead	207-1	139043	138110	137740	138298	0.49	cps
Lead	208-1	642518	645787	644435	644247	0.25	cps
Lithium	6-1	392857	389945	397271	393358	0.94	cps
Magnesium	24-2	21555749	21750011	21746337	21684033	0.51	cps
Manganese	55-2	52748	52841	52751	52780	0.10	cps

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 15:21:52	DataFile Name :	016ICSB_P7011717-MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5956260	5829974	5904915	5897050	1.08	cps
Molybdenum	95-1	9820823	9658010	9716656	9731830	0.85	cps
Molybdenum	96-1	10327992	10376352	10280490	10328278	0.46	cps
Molybdenum	97-1	6064936	6021077	6002476	6029496	0.53	cps
Molybdenum	98-1	15778482	15623367	15502901	15634917	0.88	cps
Neodymium	150-1	33	47	60	47	28.58	cps
Neodymium	150-2	20	23	17	20	16.65	cps
Nickel	60-2	36796	38210	37649	37552	1.90	cps
Phosphorus	31-2	522140	531089	522464	525231	0.97	cps
Potassium	39-2	22829890	23150634	23034480	23005001	0.71	cps
Rhodium	103-2	4257197	4250368	4228236	4245267	0.36	cps
Rhodium	103-1	7512671	7447096	7495226	7484998	0.45	cps
Scandium	45-1	5294312	5340910	5313663	5316295	0.44	cps
Scandium	45-2	269701	275585	271404	272230	1.11	cps
Selenium	77-2	120	190	147	152	23.21	cps
Selenium	78-2	641	533	561	578	9.64	cps
Selenium	82-1	2970	2953	2920	2948	0.86	cps
Silicon	28-1	1372993	1384852	1389445	1382430	0.61	cps
Silver	109-1	206582	204510	207724	206272	0.79	cps
Silver	107-1	217708	214823	215032	215854	0.75	cps
Sodium	23-2	41142720	41364586	41166653	41224653	0.30	cps
Strontium	86-1	253012	255351	255606	254656	0.56	cps
Strontium	88-1	2242361	2258621	2252028	2251003	0.36	cps
Sulfur	34-1	3576717	3619764	3575603	3590695	0.70	cps
Terbium	159-1	10714078	10620258	10594936	10643090	0.59	cps
Terbium	159-2	6255493	6352646	6225091	6277743	1.06	cps
Thallium	203-1	163925	164701	165595	164740	0.51	cps
Thallium	205-1	399818	396262	396162	397414	0.52	cps
Tin	118-1	361171	363963	368842	364659	1.06	cps
Titanium	47-1	2730940	2746822	2732421	2736728	0.32	cps
Uranium	238-1	1320927	1355266	1341908	1339367	1.29	cps
Vanadium	51-2	56531	56662	57294	56829	0.72	cps
Yttrium	89-2	1541562	1545437	1529069	1538689	0.56	cps
Yttrium	89-1	9136870	9087347	9100675	9108298	0.28	cps
Zinc	66-2	16983	17334	16787	17035	1.63	cps
Zirconium	90-1	800791	807178	813244	807071	0.77	cps

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 15:21:52	DataFile Name :	016ICSB_P7011717-MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	177555	179457	179277	178763	0.59	cps

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	CCV90	Instrumnet Name :	P7
Client Sample ID :	CCV90	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 15:25:21	DataFile Name :	017CCV_P7011717-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	948338	953194	940062	947198	0.70	cps
Antimony	121-1	5071648	5006371	5037933	5038651	0.65	cps
Arsenic	75-2	206973	209212	207911	208032	0.54	cps
Barium	135-1	6124936	6017135	6083176	6075082	0.89	cps
Barium	137-1	10619838	10372889	10528907	10507211	1.19	cps
Beryllium	9-1	482254	471623	476701	476860	1.12	cps
Bismuth	209-1	6232729	6219027	6269684	6240480	0.42	cps
Bismuth	209-2	4674342	4702964	4699331	4692213	0.33	cps
Boron	10-1	70658	70800	70875	70777	0.16	cps
Boron	11-1	384138	386175	395539	388617	1.56	cps
Cadmium	106-1	128454	127235	127209	127633	0.56	cps
Cadmium	108-1	85519	84730	84576	84942	0.60	cps
Cadmium	111-1	1182050	1167779	1187656	1179162	0.87	cps
Calcium	43-1	1448391	1438737	1447920	1445016	0.38	cps
Calcium	44-1	23076793	22879646	22915686	22957375	0.46	cps
Chromium	52-2	1761927	1778213	1774253	1771464	0.48	cps
Cobalt	59-2	2877316	2927470	2914429	2906405	0.90	cps
Copper	63-2	4153034	4210497	4160820	4174784	0.75	cps
Dysprosium	156-2	10	3	13	9	57.30	cps
Dysprosium	156-1	75	117	67	86	31.11	cps
Erbium	164-1	75	33	17	42	72.11	cps
Erbium	164-2	30	37	23	30	22.23	cps
Gadolinium	160-2	27	43	40	37	24.05	cps
Gadolinium	160-1	133	117	75	108	27.74	cps
Holmium	165-2	6436044	6591928	6632740	6553571	1.58	cps
Holmium	165-1	10422676	10172388	10306328	10300464	1.22	cps
Indium	115-1	8436577	8308783	8399345	8381568	0.78	cps
Indium	115-2	1926619	1907784	1927975	1920793	0.59	cps
Iron	56-2	72363321	72418618	72588154	72456698	0.16	cps
Iron	57-2	1780702	1795613	1795012	1790442	0.47	cps
Lead	206-1	3363837	3357185	3363320	3361447	0.11	cps
Lead	207-1	3094115	3084107	3106283	3094835	0.36	cps
Lead	208-1	13835650	13689759	13742103	13755838	0.54	cps
Lithium	6-1	390718	387268	389774	389253	0.46	cps
Magnesium	24-2	11436129	11300678	11253536	11330114	0.84	cps
Manganese	55-2	1922184	1932177	1930402	1928254	0.28	cps

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	CCV90	Instrumnet Name :	P7
Client Sample ID :	CCV90	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 15:25:21	DataFile Name :	017CCV_P7011717-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4636561	4597748	4642663	4625658	0.53	cps
Molybdenum	95-1	2513996	2458756	2478606	2483786	1.13	cps
Molybdenum	96-1	3189667	3137658	3159617	3162314	0.83	cps
Molybdenum	97-1	1535677	1505223	1527742	1522881	1.04	cps
Molybdenum	98-1	3970331	3964290	3976642	3970421	0.16	cps
Neodymium	150-1	227	307	220	251	19.21	cps
Neodymium	150-2	43	17	33	31	43.29	cps
Nickel	60-2	767132	776416	774153	772567	0.63	cps
Phosphorus	31-2	55044	56951	54300	55432	2.47	cps
Potassium	39-2	6096545	6028401	5891287	6005411	1.74	cps
Rhodium	103-2	4450888	4433857	4416168	4433637	0.39	cps
Rhodium	103-1	7700965	7737836	7757965	7732255	0.37	cps
Scandium	45-1	5378228	5330622	5413142	5373997	0.77	cps
Scandium	45-2	281959	281760	279338	281019	0.52	cps
Selenium	77-2	3654	3791	3834	3759	2.50	cps
Selenium	78-2	12342	12733	12494	12523	1.57	cps
Selenium	82-1	72421	72105	72669	72398	0.39	cps
Silicon	28-1	4041627	4006172	4065151	4037650	0.74	cps
Silver	109-1	5681540	5663767	5696562	5680623	0.29	cps
Silver	107-1	5909085	5889523	5895826	5898145	0.17	cps
Sodium	23-2	21408666	21539985	21360571	21436407	0.43	cps
Strontium	86-1	1766356	1745919	1756169	1756148	0.58	cps
Strontium	88-1	15483053	15105226	15400230	15329503	1.30	cps
Sulfur	34-1	873657	867436	872050	871048	0.37	cps
Terbium	159-1	10835262	10644452	10894253	10791322	1.21	cps
Terbium	159-2	6361975	6379012	6432501	6391163	0.58	cps
Thallium	203-1	4237486	4232570	4265870	4245309	0.42	cps
Thallium	205-1	9981672	9810517	10003977	9932056	1.07	cps
Tin	118-1	4035990	3987366	4026903	4016753	0.64	cps
Titanium	47-1	694819	686798	686869	689495	0.67	cps
Uranium	238-1	14541243	14525369	14447347	14504653	0.35	cps
Vanadium	51-2	1458421	1450629	1454795	1454615	0.27	cps
Yttrium	89-2	1585349	1584853	1580879	1583694	0.15	cps
Yttrium	89-1	9461691	9327682	9318924	9369432	0.85	cps
Zinc	66-2	542104	544692	539911	542236	0.44	cps
Zirconium	90-1	8805335	8681419	8721661	8736138	0.72	cps

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	CCV90	Instrumnet Name :	P7
Client Sample ID :	CCV90	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 15:25:21	DataFile Name :	017CCV_P7011717-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1945732	1926138	1940331	1937400	0.52	cps

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	LLCCV01	Instrumnet Name :	P7
Client Sample ID :	LLCCV01	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 15:46:16	DataFile Name :	019LCSE_P7011717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1717	1892	1642	1750	7.33	cps
Antimony	121-1	19648	20065	20991	20235	3.40	cps
Arsenic	75-2	443	370	402	405	8.94	cps
Barium	135-1	20532	20691	20758	20660	0.56	cps
Barium	137-1	36081	36165	37310	36519	1.88	cps
Beryllium	9-1	828	895	956	893	7.16	cps
Bismuth	209-1	6151005	6214632	6083601	6149746	1.07	cps
Bismuth	209-2	4581522	4648841	4654583	4628315	0.88	cps
Boron	10-1	3175	3092	3576	3281	7.88	cps
Boron	11-1	18036	18662	18504	18401	1.77	cps
Cadmium	106-1	2442	2492	2459	2464	1.03	cps
Cadmium	108-1	175	238	121	178	32.84	cps
Cadmium	111-1	3483	3591	3708	3594	3.13	cps
Calcium	43-1	12481	12231	12764	12492	2.14	cps
Calcium	44-1	220792	224498	221791	222360	0.86	cps
Chromium	52-2	8396	8333	8366	8365	0.38	cps
Cobalt	59-2	5508	5331	5381	5407	1.68	cps
Copper	63-2	9036	8573	8553	8721	3.14	cps
Dysprosium	156-2	3	13	0	6	124.93	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Erbium	164-1	67	83	58	69	18.33	cps
Erbium	164-2	37	43	20	33	36.05	cps
Gadolinium	160-2	27	40	47	38	26.95	cps
Gadolinium	160-1	67	42	67	58	24.74	cps
Holmium	165-2	6292624	6328897	6345968	6322496	0.43	cps
Holmium	165-1	10076205	10248764	10225591	10183520	0.92	cps
Indium	115-1	8438188	8350920	8372895	8387334	0.54	cps
Indium	115-2	1902672	1914560	1941526	1919586	1.04	cps
Iron	56-2	133289	133405	132465	133053	0.39	cps
Iron	57-2	3156	3262	3317	3245	2.52	cps
Lead	206-1	6452	6657	6524	6544	1.59	cps
Lead	207-1	5640	6118	5724	5827	4.38	cps
Lead	208-1	26344	26917	26455	26572	1.14	cps
Lithium	6-1	377789	383106	379152	380016	0.73	cps
Magnesium	24-2	97693	100604	99874	99390	1.52	cps
Manganese	55-2	1944	1803	1897	1881	3.79	cps

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	LLCCV01	Instrumnet Name :	P7
Client Sample ID :	LLCCV01	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 15:46:16	DataFile Name :	019LCSE_P7011717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	17128	16510	17778	17139	3.70	cps
Molybdenum	95-1	21584	21801	22669	22018	2.61	cps
Molybdenum	96-1	24138	23303	24430	23957	2.44	cps
Molybdenum	97-1	13190	13273	14024	13496	3.40	cps
Molybdenum	98-1	35412	34150	35353	34972	2.04	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	1540	1557	1330	1476	8.56	cps
Phosphorus	31-2	350	433	358	381	12.06	cps
Potassium	39-2	142814	144607	145733	144385	1.02	cps
Rhodium	103-2	4401912	4438259	4483550	4441241	0.92	cps
Rhodium	103-1	7890910	7906055	7899648	7898871	0.10	cps
Scandium	45-1	5250572	5294403	5239894	5261623	0.55	cps
Scandium	45-2	273453	272888	275144	273828	0.43	cps
Selenium	77-2	37	20	43	33	36.05	cps
Selenium	78-2	200	224	187	204	9.23	cps
Selenium	82-1	714	570	762	682	14.68	cps
Silicon	28-1	1006359	1018338	1020321	1015006	0.74	cps
Silver	109-1	9329	9470	9487	9429	0.92	cps
Silver	107-1	9870	9904	9245	9673	3.84	cps
Sodium	23-2	203360	208818	206375	206184	1.33	cps
Strontium	86-1	4076	3634	3942	3884	5.83	cps
Strontium	88-1	26617	25081	25791	25830	2.98	cps
Sulfur	34-1	476573	472920	472188	473894	0.50	cps
Terbium	159-1	10594992	10746234	10746720	10695982	0.82	cps
Terbium	159-2	6265808	6374061	6352528	6330799	0.91	cps
Thallium	203-1	8153	7111	7653	7639	6.82	cps
Thallium	205-1	17904	17904	18606	18138	2.23	cps
Tin	118-1	34476	35889	35045	35137	2.02	cps
Titanium	47-1	5968	6093	5851	5971	2.02	cps
Uranium	238-1	25459	26411	26703	26191	2.48	cps
Vanadium	51-2	12025	12392	12672	12363	2.63	cps
Yttrium	89-2	1528407	1528431	1546702	1534513	0.69	cps
Yttrium	89-1	9253784	9182352	9195435	9210524	0.41	cps
Zinc	66-2	1173	1137	1030	1113	6.69	cps
Zirconium	90-1	13991	13924	13574	13829	1.62	cps

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	LLCCV01	Instrumnet Name :	P7
Client Sample ID :	LLCCV01	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 15:46:16	DataFile Name :	019LCSE_P7011717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2917	2909	2967	2931	1.08	cps

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	CCB90	Instrumnet Name :	P7
Client Sample ID :	CCB90	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 15:49:49	DataFile Name :	020CCBE_P7011717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	67	58	53	32.88	cps
Antimony	121-1	1700	1784	1875	1786	4.90	cps
Arsenic	75-2	22	28	24	25	11.47	cps
Barium	135-1	8	17	0	8	100.02	cps
Barium	137-1	42	50	25	39	32.73	cps
Beryllium	9-1	6	6	28	13	98.94	cps
Bismuth	209-1	6183242	6140007	6092217	6138489	0.74	cps
Bismuth	209-2	4601763	4646969	4717490	4655407	1.25	cps
Boron	10-1	292	217	283	264	15.58	cps
Boron	11-1	1417	1700	1092	1403	21.70	cps
Cadmium	106-1	2375	2050	2350	2259	8.01	cps
Cadmium	108-1	8	21	4	11	78.05	cps
Cadmium	111-1	1665	1429	1655	1583	8.43	cps
Calcium	43-1	92	150	183	142	32.75	cps
Calcium	44-1	20673	21258	20991	20974	1.39	cps
Chromium	52-2	1847	1947	1873	1889	2.74	cps
Cobalt	59-2	147	113	140	133	13.23	cps
Copper	63-2	1143	1037	947	1042	9.45	cps
Dysprosium	156-2	0	13	0	4	173.21	cps
Dysprosium	156-1	17	17	33	22	43.28	cps
Erbium	164-1	17	25	67	36	74.18	cps
Erbium	164-2	7	20	27	18	57.27	cps
Gadolinium	160-2	37	20	37	31	30.93	cps
Gadolinium	160-1	100	67	42	69	42.14	cps
Holmium	165-2	6229603	6326223	6365750	6307192	1.11	cps
Holmium	165-1	9988220	9792231	10090510	9956987	1.52	cps
Indium	115-1	8428473	8476830	8318825	8408043	0.96	cps
Indium	115-2	1893551	1918098	1935481	1915710	1.10	cps
Iron	56-2	5318	5140	5673	5377	5.05	cps
Iron	57-2	122	100	150	124	20.19	cps
Lead	206-1	583	611	383	526	23.63	cps
Lead	207-1	517	550	517	528	3.65	cps
Lead	208-1	2395	2322	1989	2235	9.68	cps
Lithium	6-1	376409	372722	373138	374090	0.54	cps
Magnesium	24-2	142	175	150	156	11.15	cps
Manganese	55-2	90	33	97	73	47.46	cps

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	CCB90	Instrumnet Name :	P7
Client Sample ID :	CCB90	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 15:49:49	DataFile Name :	020CCBE_P7011717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	750	692	808	750	7.78	cps
Molybdenum	95-1	592	792	983	789	24.83	cps
Molybdenum	96-1	783	817	1117	906	20.27	cps
Molybdenum	97-1	333	450	575	453	26.69	cps
Molybdenum	98-1	992	1267	1442	1233	18.39	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	60	47	40	49	20.83	cps
Phosphorus	31-2	183	258	300	247	23.92	cps
Potassium	39-2	42186	41684	41676	41849	0.70	cps
Rhodium	103-2	4398931	4467665	4467775	4444790	0.89	cps
Rhodium	103-1	7839967	7769543	7729225	7779578	0.72	cps
Scandium	45-1	5322657	5249748	5239798	5270734	0.86	cps
Scandium	45-2	269682	274931	275609	273407	1.19	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	83	87	115	95	18.10	cps
Selenium	82-1	26	-40	5	-3	-1097.68	cps
Silicon	28-1	987310	995180	1004046	995512	0.84	cps
Silver	109-1	142	67	183	131	45.29	cps
Silver	107-1	167	150	142	153	8.33	cps
Sodium	23-2	19155	19305	19205	19221	0.40	cps
Strontium	86-1	1000	1067	1008	1025	3.54	cps
Strontium	88-1	58	83	117	86	33.98	cps
Sulfur	34-1	480883	479660	478517	479687	0.25	cps
Terbium	159-1	10388280	10446554	10423617	10419484	0.28	cps
Terbium	159-2	6175493	6349981	6336413	6287296	1.54	cps
Thallium	203-1	108	75	75	86	22.35	cps
Thallium	205-1	125	108	150	128	16.41	cps
Tin	118-1	1083	1017	1075	1058	3.43	cps
Titanium	47-1	142	108	150	133	16.54	cps
Uranium	238-1	25	50	42	39	32.73	cps
Vanadium	51-2	7	17	13	12	41.65	cps
Yttrium	89-2	1517584	1526832	1547787	1530734	1.01	cps
Yttrium	89-1	9121791	9060164	9063608	9081855	0.38	cps
Zinc	66-2	133	130	103	122	13.45	cps
Zirconium	90-1	792	1042	925	920	13.61	cps

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	CCB90	Instrumnet Name :	P7
Client Sample ID :	CCB90	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 15:49:49	DataFile Name :	020CCBE_P7011717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	275	225	233	244	10.96	cps

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 15:53:21	DataFile Name :	021SMPL_P7011717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2067	1775	1917	1920	7.60	cps
Antimony	121-1	18655	18179	18162	18332	1.52	cps
Arsenic	75-2	363	402	437	401	9.25	cps
Barium	135-1	20366	20299	20090	20252	0.71	cps
Barium	137-1	36433	35480	37410	36441	2.65	cps
Beryllium	9-1	900	739	772	804	10.58	cps
Bismuth	209-1	6161427	6206137	6159171	6175579	0.43	cps
Bismuth	209-2	4594213	4641945	4677040	4637733	0.90	cps
Boron	10-1	3226	3442	3651	3439	6.18	cps
Boron	11-1	17670	18671	18554	18298	2.99	cps
Cadmium	106-1	2317	2642	2417	2459	6.77	cps
Cadmium	108-1	150	179	171	167	9.02	cps
Cadmium	111-1	3580	3778	3681	3680	2.70	cps
Calcium	43-1	13023	13048	12706	12926	1.47	cps
Calcium	44-1	226307	226647	226694	226549	0.09	cps
Chromium	52-2	8496	8426	8476	8466	0.43	cps
Cobalt	59-2	5464	5454	5498	5472	0.41	cps
Copper	63-2	8789	8729	8363	8627	2.68	cps
Dysprosium	156-2	10	0	10	7	86.60	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Erbium	164-1	58	33	50	47	26.97	cps
Erbium	164-2	30	33	20	28	24.98	cps
Gadolinium	160-2	43	33	37	38	13.48	cps
Gadolinium	160-1	58	50	100	69	38.57	cps
Holmium	165-2	6340153	6307090	6287447	6311563	0.42	cps
Holmium	165-1	10023674	10018596	9839136	9960469	1.06	cps
Indium	115-1	8414118	8444232	8509255	8455868	0.58	cps
Indium	115-2	1898622	1928914	1951096	1926211	1.37	cps
Iron	56-2	132055	137752	134363	134723	2.13	cps
Iron	57-2	3273	3239	3223	3245	0.78	cps
Lead	206-1	6758	6730	6874	6787	1.13	cps
Lead	207-1	6257	5863	5968	6029	3.39	cps
Lead	208-1	27445	27245	27139	27277	0.57	cps
Lithium	6-1	377347	379030	378273	378216	0.22	cps
Magnesium	24-2	100905	101770	102096	101590	0.61	cps
Manganese	55-2	1880	1783	1920	1861	3.78	cps

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 15:53:21	DataFile Name :	021SMPL_P7011717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	17887	16719	17528	17378	3.44	cps
Molybdenum	95-1	21492	21892	21350	21578	1.30	cps
Molybdenum	96-1	23570	22694	24322	23529	3.46	cps
Molybdenum	97-1	13223	13090	13907	13407	3.27	cps
Molybdenum	98-1	33758	34593	34568	34306	1.39	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	1503	1480	1467	1483	1.25	cps
Phosphorus	31-2	292	283	392	322	18.71	cps
Potassium	39-2	146339	145144	145044	145509	0.50	cps
Rhodium	103-2	4401779	4485669	4492360	4459936	1.13	cps
Rhodium	103-1	7822937	7733955	7821334	7792742	0.65	cps
Scandium	45-1	5301430	5310866	5291898	5301398	0.18	cps
Scandium	45-2	274313	276646	277939	276299	0.67	cps
Selenium	77-2	37	33	40	37	9.10	cps
Selenium	78-2	193	204	193	196	3.27	cps
Selenium	82-1	685	751	691	709	5.13	cps
Silicon	28-1	1025890	1030817	1021703	1026137	0.44	cps
Silver	109-1	10746	9712	9971	10143	5.31	cps
Silver	107-1	10421	10830	11013	10755	2.82	cps
Sodium	23-2	206547	212088	210162	209599	1.34	cps
Strontium	86-1	3759	4151	3942	3951	4.96	cps
Strontium	88-1	25707	26534	25599	25947	1.97	cps
Sulfur	34-1	482756	486829	486543	485376	0.47	cps
Terbium	159-1	10609568	10438073	10501105	10516248	0.82	cps
Terbium	159-2	6300333	6330565	6273248	6301382	0.46	cps
Thallium	203-1	7536	7202	7144	7294	2.90	cps
Thallium	205-1	18706	17287	18255	18083	4.01	cps
Tin	118-1	35622	35396	36432	35816	1.52	cps
Titanium	47-1	5976	5651	6143	5924	4.22	cps
Uranium	238-1	26945	26002	26478	26475	1.78	cps
Vanadium	51-2	12872	13006	12702	12860	1.18	cps
Yttrium	89-2	1519777	1547521	1554988	1540762	1.20	cps
Yttrium	89-1	9218694	9154034	9232462	9201730	0.46	cps
Zinc	66-2	1247	1373	1280	1300	5.05	cps
Zirconium	90-1	13807	13549	13816	13724	1.11	cps

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 15:53:21	DataFile Name :	021SMPL_P7011717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3025	3259	3142	3142	3.71	cps

LB Number : LB85407 Operator : Jaswal
 Lab Sample ID : PB96120BL Instrumnet Name : P7
 Client Sample ID : PB96120BL Dilution Factor : 1
 Date & Time Acquired :: 2017-01-17 16:00:51 DataFile Name : 023CCBE_P7011717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	25	42	33	25.01	cps
Antimony	121-1	758	842	917	839	9.44	cps
Arsenic	75-2	24	30	19	24	23.08	cps
Barium	135-1	0	8	25	11	114.58	cps
Barium	137-1	17	17	50	28	69.27	cps
Beryllium	9-1	33	28	0	20	87.67	cps
Bismuth	209-1	6135124	6075895	6101192	6104071	0.49	cps
Bismuth	209-2	4553173	4624488	4639611	4605757	1.00	cps
Boron	10-1	158	242	208	203	20.69	cps
Boron	11-1	983	983	1158	1042	9.70	cps
Cadmium	106-1	2242	2459	2417	2373	4.85	cps
Cadmium	108-1	0	13	21	11	94.37	cps
Cadmium	111-1	1582	1721	1686	1663	4.34	cps
Calcium	43-1	192	175	175	181	5.33	cps
Calcium	44-1	21383	21408	20982	21258	1.12	cps
Chromium	52-2	1807	1930	1980	1906	4.68	cps
Cobalt	59-2	113	63	80	86	29.76	cps
Copper	63-2	900	983	1093	992	9.77	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Dysprosium	156-1	33	8	8	17	86.62	cps
Erbium	164-1	8	25	42	25	66.68	cps
Erbium	164-2	17	20	37	24	43.83	cps
Gadolinium	160-2	23	27	30	27	12.51	cps
Gadolinium	160-1	58	67	50	58	14.29	cps
Holmium	165-2	6248654	6317193	6319302	6295050	0.64	cps
Holmium	165-1	9852155	10032308	9839550	9908004	1.09	cps
Indium	115-1	8276423	8365193	8308259	8316625	0.54	cps
Indium	115-2	1892670	1908836	1898348	1899951	0.43	cps
Iron	56-2	5068	5007	5218	5097	2.13	cps
Iron	57-2	106	139	94	113	20.47	cps
Lead	206-1	511	472	444	476	7.04	cps
Lead	207-1	367	372	439	393	10.24	cps
Lead	208-1	1922	1895	1928	1915	0.93	cps
Lithium	6-1	377227	380723	375883	377944	0.66	cps
Magnesium	24-2	100	125	75	100	25.00	cps
Manganese	55-2	70	67	107	81	27.36	cps

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	PB96120BL	Instrumnet Name :	P7
Client Sample ID :	PB96120BL	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 16:00:51	DataFile Name :	023CCBE_P7011717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	442	458	567	489	13.88	cps
Molybdenum	95-1	408	458	717	528	31.36	cps
Molybdenum	96-1	383	617	717	572	29.89	cps
Molybdenum	97-1	317	450	417	394	17.59	cps
Molybdenum	98-1	683	700	733	706	3.61	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	67	60	37	54	28.93	cps
Phosphorus	31-2	258	208	133	200	31.46	cps
Potassium	39-2	42052	41893	41099	41682	1.22	cps
Rhodium	103-2	4362244	4450807	4386617	4399889	1.04	cps
Rhodium	103-1	7788377	7829103	7679903	7765794	0.99	cps
Scandium	45-1	5180998	5245056	5173638	5199897	0.76	cps
Scandium	45-2	271437	275845	273215	273499	0.81	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	128	91	87	102	22.12	cps
Selenium	82-1	93	24	34	51	73.94	cps
Silicon	28-1	989516	990934	1002330	994260	0.71	cps
Silver	109-1	150	67	125	114	37.55	cps
Silver	107-1	125	125	192	147	26.14	cps
Sodium	23-2	18854	17903	18320	18359	2.60	cps
Strontium	86-1	1050	1092	1133	1092	3.82	cps
Strontium	88-1	125	158	108	131	19.50	cps
Sulfur	34-1	482172	483907	481105	482395	0.29	cps
Terbium	159-1	10476259	10539667	10415877	10477267	0.59	cps
Terbium	159-2	6239387	6226710	6280369	6248822	0.45	cps
Thallium	203-1	42	25	50	39	32.73	cps
Thallium	205-1	108	200	150	153	30.04	cps
Tin	118-1	850	825	892	856	3.94	cps
Titanium	47-1	142	150	167	153	8.33	cps
Uranium	238-1	17	75	50	47	61.97	cps
Vanadium	51-2	10	13	3	9	57.30	cps
Yttrium	89-2	1518628	1506919	1530018	1518522	0.76	cps
Yttrium	89-1	9081329	9109628	9016747	9069235	0.52	cps
Zinc	66-2	130	110	103	114	12.12	cps
Zirconium	90-1	867	867	817	850	3.40	cps

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	PB96120BL	Instrumnet Name :	P7
Client Sample ID :	PB96120BL	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 16:00:51	DataFile Name :	023CCBE_P7011717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	208	133	192	178	22.15	cps

LB Number : LB85407 Operator : Jaswal
 Lab Sample ID : H6103-01 Instrumnet Name : P7
 Client Sample ID : LOD-SOIL-01-QT1-2017 Dilution Factor : 1
 Date & Time Acquired :: 2017-01-17 16:04:24 DataFile Name : 024SMPL_P7011717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	733	725	750	736	1.73	cps
Antimony	121-1	3117	2950	3267	3112	5.09	cps
Arsenic	75-2	196	161	198	185	11.27	cps
Barium	135-1	4659	4351	4318	4443	4.24	cps
Barium	137-1	7853	7903	8203	7986	2.37	cps
Beryllium	9-1	372	361	333	356	5.64	cps
Bismuth	209-1	6084392	6194571	6091168	6123377	1.01	cps
Bismuth	209-2	4530442	4599470	4659857	4596590	1.41	cps
Boron	10-1	175	242	250	222	18.50	cps
Boron	11-1	1042	1250	1367	1220	13.50	cps
Cadmium	106-1	2475	2334	2625	2478	5.89	cps
Cadmium	108-1	88	83	63	78	17.22	cps
Cadmium	111-1	2588	2404	2677	2557	5.44	cps
Calcium	43-1	1200	1133	1242	1192	4.59	cps
Calcium	44-1	38025	38192	38493	38237	0.62	cps
Chromium	52-2	3310	3384	3327	3340	1.15	cps
Cobalt	59-2	2364	2324	2350	2346	0.87	cps
Copper	63-2	4077	4114	4217	4136	1.76	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Erbium	164-1	25	58	25	36	53.30	cps
Erbium	164-2	30	13	17	20	44.10	cps
Gadolinium	160-2	20	30	47	32	41.81	cps
Gadolinium	160-1	42	58	67	56	22.91	cps
Holmium	165-2	6144016	6272886	6254246	6223716	1.12	cps
Holmium	165-1	9927121	9917615	9785229	9876655	0.80	cps
Indium	115-1	8235160	8332441	8380588	8316063	0.89	cps
Indium	115-2	1870363	1892177	1905511	1889351	0.94	cps
Iron	56-2	59393	60073	60246	59904	0.75	cps
Iron	57-2	1483	1328	1511	1441	6.86	cps
Lead	206-1	3223	2728	2934	2962	8.39	cps
Lead	207-1	2789	2711	2617	2706	3.19	cps
Lead	208-1	12725	11841	12419	12329	3.64	cps
Lithium	6-1	373859	378398	377795	376684	0.65	cps
Magnesium	24-2	8845	8853	9270	8989	2.71	cps
Manganese	55-2	1630	1597	1530	1586	3.21	cps

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	H6103-01	Instrumnet Name :	P7
Client Sample ID :	LOD-SOIL-01-QT1-2017	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 16:04:24	DataFile Name :	024SMPL_P7011717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3517	3384	3401	3434	2.12	cps
Molybdenum	95-1	2292	2250	1992	2178	7.46	cps
Molybdenum	96-1	2609	2617	2900	2709	6.13	cps
Molybdenum	97-1	1242	1458	1275	1325	8.81	cps
Molybdenum	98-1	3042	3542	3701	3428	10.03	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	700	707	737	714	2.73	cps
Phosphorus	31-2	275	325	267	289	10.92	cps
Potassium	39-2	47168	47443	46073	46895	1.55	cps
Rhodium	103-2	4327607	4402330	4397016	4375651	0.95	cps
Rhodium	103-1	7694500	7680485	7761127	7712038	0.56	cps
Scandium	45-1	5188060	5200570	5206703	5198444	0.18	cps
Scandium	45-2	268253	271489	271787	270510	0.72	cps
Selenium	77-2	13	7	7	9	43.25	cps
Selenium	78-2	143	143	159	148	6.50	cps
Selenium	82-1	275	329	362	322	13.78	cps
Silicon	28-1	1017675	1015414	1013307	1015465	0.22	cps
Silver	109-1	4042	3859	4476	4126	7.68	cps
Silver	107-1	4651	4659	4343	4551	3.97	cps
Sodium	23-2	34908	34950	35410	35089	0.79	cps
Strontium	86-1	2100	2359	2217	2225	5.82	cps
Strontium	88-1	11872	11405	11905	11727	2.39	cps
Sulfur	34-1	483921	488458	495399	489259	1.18	cps
Terbium	159-1	10413226	10426522	10219777	10353175	1.12	cps
Terbium	159-2	6183854	6307786	6288532	6260058	1.07	cps
Thallium	203-1	3267	3192	3126	3195	2.22	cps
Thallium	205-1	7836	7653	7778	7755	1.21	cps
Tin	118-1	3901	3592	3951	3815	5.09	cps
Titanium	47-1	600	783	683	689	13.32	cps
Uranium	238-1	10505	10329	10863	10566	2.58	cps
Vanadium	51-2	1083	1153	1083	1107	3.65	cps
Yttrium	89-2	1495274	1503856	1509448	1502859	0.48	cps
Yttrium	89-1	8933220	8979886	9121772	9011626	1.09	cps
Zinc	66-2	470	497	540	502	7.03	cps
Zirconium	90-1	6443	5860	5160	5821	11.04	cps

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	H6103-01	Instrumnet Name :	P7
Client Sample ID :	LOD-SOIL-01-QT1-2017	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 16:04:24	DataFile Name :	024SMPL_P7011717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1567	1325	1167	1353	14.89	cps

LB Number : LB85407 Operator : Jaswal
 Lab Sample ID : H6103-02 Instrumnet Name : P7
 Client Sample ID : LOQ-SOIL-02-QT1-2017 Dilution Factor : 1
 Date & Time Acquired :: 2017-01-17 16:07:57 DataFile Name : 025SMPL_P7011717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3384	3384	3325	3364	1.00	cps
Antimony	121-1	34611	34385	33032	34009	2.51	cps
Arsenic	75-2	748	730	711	730	2.54	cps
Barium	135-1	40669	40552	42140	41120	2.15	cps
Barium	137-1	70614	71443	70464	70840	0.74	cps
Beryllium	9-1	1495	1622	1961	1693	14.25	cps
Bismuth	209-1	6112404	6064236	6144024	6106888	0.66	cps
Bismuth	209-2	4502347	4538273	4557408	4532676	0.62	cps
Boron	10-1	6310	7135	6352	6599	7.05	cps
Boron	11-1	36103	35643	35735	35827	0.68	cps
Cadmium	106-1	2809	2800	2667	2759	2.88	cps
Cadmium	108-1	346	354	342	347	1.83	cps
Cadmium	111-1	5954	5496	5766	5739	4.01	cps
Calcium	43-1	24388	25548	24905	24947	2.33	cps
Calcium	44-1	419418	416374	419548	418447	0.43	cps
Chromium	52-2	14284	14577	14611	14491	1.24	cps
Cobalt	59-2	10067	10197	10090	10118	0.69	cps
Copper	63-2	15715	15942	15622	15760	1.05	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Dysprosium	156-1	17	0	17	11	86.60	cps
Erbium	164-1	75	83	67	75	11.11	cps
Erbium	164-2	33	30	20	28	24.98	cps
Gadolinium	160-2	27	33	37	32	15.80	cps
Gadolinium	160-1	83	58	83	75	19.24	cps
Holmium	165-2	6204411	6220961	6281846	6235739	0.65	cps
Holmium	165-1	9913924	9917805	9918633	9916787	0.03	cps
Indium	115-1	8394822	8233789	8322476	8317029	0.97	cps
Indium	115-2	1867710	1881980	1884703	1878131	0.49	cps
Iron	56-2	254079	257997	260393	257490	1.24	cps
Iron	57-2	6463	6668	6179	6437	3.82	cps
Lead	206-1	12328	11983	12540	12284	2.29	cps
Lead	207-1	11361	11161	10994	11172	1.64	cps
Lead	208-1	50957	50378	50422	50586	0.64	cps
Lithium	6-1	378392	377962	377686	378013	0.09	cps
Magnesium	24-2	197909	199333	200856	199366	0.74	cps
Manganese	55-2	3520	3440	3480	3480	1.15	cps

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	H6103-02	Instrumnet Name :	P7
Client Sample ID :	LOQ-SOIL-02-QT1-2017	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 16:07:57	DataFile Name :	025SMPL_P7011717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	33916	33265	33131	33437	1.26	cps
Molybdenum	95-1	41386	41695	41570	41550	0.37	cps
Molybdenum	96-1	46845	45198	44863	45635	2.32	cps
Molybdenum	97-1	25240	25315	25357	25304	0.23	cps
Molybdenum	98-1	65066	66539	65669	65758	1.13	cps
Neodymium	150-1	13	0	7	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	3067	2864	2824	2918	4.47	cps
Phosphorus	31-2	375	500	450	442	14.25	cps
Potassium	39-2	245940	245950	247973	246621	0.47	cps
Rhodium	103-2	4308309	4357587	4376170	4347355	0.81	cps
Rhodium	103-1	7703229	7726068	7759732	7729676	0.37	cps
Scandium	45-1	5160857	5166549	5195313	5174239	0.36	cps
Scandium	45-2	268884	272075	270789	270583	0.59	cps
Selenium	77-2	47	70	80	66	26.09	cps
Selenium	78-2	300	322	272	298	8.40	cps
Selenium	82-1	1379	1223	1400	1334	7.22	cps
Silicon	28-1	1064904	1060991	1047887	1057927	0.84	cps
Silver	109-1	17787	17695	18071	17851	1.10	cps
Silver	107-1	18529	18755	18479	18588	0.79	cps
Sodium	23-2	386970	389609	394050	390209	0.92	cps
Strontium	86-1	6544	6685	6902	6710	2.69	cps
Strontium	88-1	50147	49688	50373	50069	0.70	cps
Sulfur	34-1	490149	492577	488796	490507	0.39	cps
Terbium	159-1	10322476	10401168	10477209	10400284	0.74	cps
Terbium	159-2	6138121	6227908	6256456	6207495	0.99	cps
Thallium	203-1	14951	15001	14817	14923	0.64	cps
Thallium	205-1	34989	34822	34989	34933	0.28	cps
Tin	118-1	68919	67312	67915	68049	1.19	cps
Titanium	47-1	11897	11789	11555	11747	1.49	cps
Uranium	238-1	49721	52105	52323	51383	2.81	cps
Vanadium	51-2	24367	25068	25372	24936	2.07	cps
Yttrium	89-2	1495329	1513028	1510258	1506205	0.63	cps
Yttrium	89-1	9156950	9065526	9035084	9085853	0.70	cps
Zinc	66-2	1967	2054	2127	2049	3.91	cps
Zirconium	90-1	26835	26684	26567	26695	0.50	cps

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	H6103-02	Instrumnet Name :	P7
Client Sample ID :	LOQ-SOIL-02-QT1-2017	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 16:07:57	DataFile Name :	025SMPL_P7011717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	6343	6452	5443	6079	9.11	cps

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	PB96121BL	Instrumnet Name :	P7
Client Sample ID :	PB96121BL	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 16:11:30	DataFile Name :	026SMPL_P7011717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	17	33	25	33.32	cps
Antimony	121-1	550	725	817	697	19.43	cps
Arsenic	75-2	9	26	15	17	50.93	cps
Barium	135-1	8	8	0	6	86.60	cps
Barium	137-1	25	42	42	36	26.65	cps
Beryllium	9-1	6	22	6	11	86.55	cps
Bismuth	209-1	6072451	6126621	6099575	6099549	0.44	cps
Bismuth	209-2	4555664	4554441	4631007	4580371	0.96	cps
Boron	10-1	217	208	158	194	16.23	cps
Boron	11-1	1058	992	1017	1022	3.30	cps
Cadmium	106-1	2309	2150	2459	2306	6.69	cps
Cadmium	108-1	4	0	8	4	99.96	cps
Cadmium	111-1	1630	1509	1719	1620	6.51	cps
Calcium	43-1	150	217	183	183	18.18	cps
Calcium	44-1	21283	20457	20841	20860	1.98	cps
Chromium	52-2	1967	1693	2014	1891	9.14	cps
Cobalt	59-2	103	110	123	112	9.07	cps
Copper	63-2	937	980	850	922	7.18	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Erbium	164-1	25	50	33	36	35.25	cps
Erbium	164-2	23	20	20	21	9.11	cps
Gadolinium	160-2	30	37	27	31	16.37	cps
Gadolinium	160-1	33	75	58	56	37.75	cps
Holmium	165-2	6245875	6223909	6295339	6255041	0.58	cps
Holmium	165-1	9749452	9724791	9678008	9717417	0.37	cps
Indium	115-1	8299028	8252898	8139799	8230575	1.00	cps
Indium	115-2	1866002	1888381	1889027	1881137	0.70	cps
Iron	56-2	5040	4951	4823	4938	2.21	cps
Iron	57-2	94	128	117	113	15.02	cps
Lead	206-1	411	461	472	448	7.26	cps
Lead	207-1	372	467	400	413	11.75	cps
Lead	208-1	1895	1911	2006	1937	3.09	cps
Lithium	6-1	382265	384231	377182	381226	0.95	cps
Magnesium	24-2	83	117	133	111	22.91	cps
Manganese	55-2	67	80	47	64	26.03	cps

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	PB96121BL	Instrumnet Name :	P7
Client Sample ID :	PB96121BL	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 16:11:30	DataFile Name :	026SMPL_P7011717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	517	667	675	619	14.38	cps
Molybdenum	95-1	342	383	533	419	24.03	cps
Molybdenum	96-1	458	567	642	556	16.59	cps
Molybdenum	97-1	267	342	467	358	28.20	cps
Molybdenum	98-1	583	667	700	650	9.25	cps
Neodymium	150-1	7	20	7	11	69.25	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	83	47	60	63	29.31	cps
Phosphorus	31-2	333	217	167	239	35.80	cps
Potassium	39-2	41434	40866	42487	41596	1.98	cps
Rhodium	103-2	4343125	4347916	4346639	4345893	0.06	cps
Rhodium	103-1	7594967	7552965	7526832	7558255	0.45	cps
Scandium	45-1	5114341	5155226	5158785	5142784	0.48	cps
Scandium	45-2	267550	269909	270901	269454	0.64	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	100	89	102	97	7.23	cps
Selenium	82-1	-29	32	-39	-12	-312.54	cps
Silicon	28-1	1009198	1015977	1008640	1011272	0.40	cps
Silver	109-1	125	67	83	92	32.78	cps
Silver	107-1	192	200	183	192	4.35	cps
Sodium	23-2	18954	18429	17895	18426	2.88	cps
Strontium	86-1	967	758	900	875	12.16	cps
Strontium	88-1	92	75	125	97	26.19	cps
Sulfur	34-1	492194	490351	487588	490045	0.47	cps
Terbium	159-1	10232808	10289668	10306695	10276390	0.38	cps
Terbium	159-2	6197988	6222361	6235509	6218619	0.31	cps
Thallium	203-1	50	50	33	44	21.66	cps
Thallium	205-1	100	142	92	111	24.11	cps
Tin	118-1	850	725	783	786	7.96	cps
Titanium	47-1	125	150	167	147	14.24	cps
Uranium	238-1	50	75	92	72	29.04	cps
Vanadium	51-2	17	7	13	12	41.65	cps
Yttrium	89-2	1501976	1493161	1509560	1501565	0.55	cps
Yttrium	89-1	8966187	8774230	8854528	8864982	1.09	cps
Zinc	66-2	83	93	130	102	24.03	cps
Zirconium	90-1	1150	1067	1108	1108	3.76	cps

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	PB96121BL	Instrumnet Name :	P7
Client Sample ID :	PB96121BL	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 16:11:30	DataFile Name :	026SMPL_P7011717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	217	208	192	206	6.19	cps

LB Number : LB85407 Operator : Jaswal
 Lab Sample ID : H6103-05 Instrumnet Name : P7
 Client Sample ID : LOD-WATER-05-QT1-20 Dilution Factor : 1
 Date & Time Acquired :: 2017-01-17 16:15:03 DataFile Name : 027SMPL_P7011717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	625	683	692	667	5.45	cps
Antimony	121-1	2817	3242	2992	3017	7.08	cps
Arsenic	75-2	169	157	167	164	3.63	cps
Barium	135-1	4276	4376	4693	4448	4.89	cps
Barium	137-1	8069	7436	8186	7897	5.11	cps
Beryllium	9-1	433	367	483	428	13.68	cps
Bismuth	209-1	6149437	6144736	6149594	6147922	0.04	cps
Bismuth	209-2	4512319	4612670	4595254	4573414	1.17	cps
Boron	10-1	175	200	100	158	32.87	cps
Boron	11-1	1208	1242	1075	1175	7.51	cps
Cadmium	106-1	2534	2367	2317	2406	4.72	cps
Cadmium	108-1	79	75	88	81	7.90	cps
Cadmium	111-1	2652	2438	2486	2525	4.44	cps
Calcium	43-1	1067	1192	1250	1170	8.01	cps
Calcium	44-1	37641	37966	37123	37577	1.13	cps
Chromium	52-2	3237	3280	3224	3247	0.91	cps
Cobalt	59-2	2364	2274	2130	2256	5.22	cps
Copper	63-2	4207	4251	4181	4213	0.84	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Dysprosium	156-1	25	8	0	11	114.58	cps
Erbium	164-1	33	33	42	36	13.33	cps
Erbium	164-2	23	33	13	23	42.86	cps
Gadolinium	160-2	30	37	13	27	45.08	cps
Gadolinium	160-1	42	75	75	64	30.12	cps
Holmium	165-2	6191387	6223506	6212258	6209051	0.26	cps
Holmium	165-1	10019737	9921127	9842212	9927692	0.90	cps
Indium	115-1	8342073	8316512	8265356	8307980	0.47	cps
Indium	115-2	1852589	1878286	1883893	1871589	0.89	cps
Iron	56-2	58963	59689	60307	59653	1.13	cps
Iron	57-2	1478	1445	1483	1469	1.43	cps
Lead	206-1	3301	3045	3123	3156	4.15	cps
Lead	207-1	2606	2834	2839	2760	4.83	cps
Lead	208-1	12530	12647	12514	12564	0.58	cps
Lithium	6-1	393085	387774	386785	389215	0.87	cps
Magnesium	24-2	8928	8761	9036	8909	1.56	cps
Manganese	55-2	1493	1663	1450	1536	7.34	cps

LB Number : LB85407 Operator : Jaswal
 Lab Sample ID : H6103-05 Instrumnet Name : P7
 Client Sample ID : LOD-WATER-05-QT1-20 Dilution Factor : 1
 Date & Time Acquired :: 2017-01-17 16:15:03 DataFile Name : 027SMPL_P7011717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3217	3517	3209	3314	5.30	cps
Molybdenum	95-1	1809	2092	2284	2061	11.60	cps
Molybdenum	96-1	2717	2575	2692	2661	2.84	cps
Molybdenum	97-1	1367	1467	1425	1420	3.54	cps
Molybdenum	98-1	3176	3526	3317	3339	5.27	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	630	553	653	612	8.55	cps
Phosphorus	31-2	300	283	283	289	3.33	cps
Potassium	39-2	46131	46315	45788	46078	0.58	cps
Rhodium	103-2	4335235	4375343	4377992	4362857	0.55	cps
Rhodium	103-1	7816492	7712308	7634016	7720939	1.19	cps
Scandium	45-1	5093920	5120176	5124032	5112709	0.32	cps
Scandium	45-2	267598	269891	270097	269196	0.52	cps
Selenium	77-2	27	17	7	17	59.99	cps
Selenium	78-2	126	137	137	133	4.81	cps
Selenium	82-1	336	220	330	295	22.27	cps
Silicon	28-1	1002520	1002908	1005523	1003650	0.16	cps
Silver	109-1	4684	4259	4576	4506	4.90	cps
Silver	107-1	4543	4493	4718	4584	2.58	cps
Sodium	23-2	33755	33496	34223	33825	1.09	cps
Strontium	86-1	2300	2359	2325	2328	1.26	cps
Strontium	88-1	11622	11463	11563	11550	0.69	cps
Sulfur	34-1	494768	498379	496313	496487	0.36	cps
Terbium	159-1	10646473	10576572	10199768	10474271	2.29	cps
Terbium	159-2	6227092	6238319	6246365	6237259	0.16	cps
Thallium	203-1	3242	3109	3309	3220	3.16	cps
Thallium	205-1	7719	7394	7778	7630	2.71	cps
Tin	118-1	4017	3917	3767	3901	3.23	cps
Titanium	47-1	650	683	750	694	7.33	cps
Uranium	238-1	11039	11072	10955	11022	0.55	cps
Vanadium	51-2	1153	1213	1047	1138	7.42	cps
Yttrium	89-2	1480588	1483978	1503567	1489377	0.83	cps
Yttrium	89-1	9025877	9021816	8875889	8974527	0.95	cps
Zinc	66-2	537	527	483	516	5.50	cps
Zirconium	90-1	5901	5868	5843	5871	0.50	cps

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	H6103-05	Instrumnet Name :	P7
Client Sample ID :	LOD-WATER-05-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 16:15:03	DataFile Name :	027SMPL_P7011717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1200	1375	1400	1325	8.22	cps

LB Number : LB85407 Operator : Jaswal
 Lab Sample ID : H6103-06 Instrumnet Name : P7
 Client Sample ID : LOQ-WATER-06-QT1-20 Dilution Factor : 1
 Date & Time Acquired :: 2017-01-17 16:18:37 DataFile Name : 028SMPL_P7011717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3659	3734	3634	3676	1.42	cps
Antimony	121-1	32990	33767	33558	33438	1.20	cps
Arsenic	75-2	891	702	782	791	11.98	cps
Barium	135-1	40711	41630	41806	41382	1.42	cps
Barium	137-1	70957	70663	71266	70962	0.43	cps
Beryllium	9-1	1845	1950	1822	1872	3.65	cps
Bismuth	209-1	6214683	6164271	6142723	6173892	0.60	cps
Bismuth	209-2	4567522	4576018	4580076	4574539	0.14	cps
Boron	10-1	6560	6585	7069	6738	4.25	cps
Boron	11-1	35618	35560	37264	36147	2.68	cps
Cadmium	106-1	2884	2684	2609	2725	5.22	cps
Cadmium	108-1	275	308	396	326	19.12	cps
Cadmium	111-1	5798	5697	5683	5726	1.09	cps
Calcium	43-1	25757	25214	24346	25106	2.83	cps
Calcium	44-1	417868	420135	423892	420632	0.72	cps
Chromium	52-2	14798	14691	14934	14808	0.82	cps
Cobalt	59-2	10457	10260	10611	10443	1.68	cps
Copper	63-2	16022	15929	16122	16025	0.60	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Erbium	164-1	42	67	75	61	28.38	cps
Erbium	164-2	43	40	33	39	13.09	cps
Gadolinium	160-2	23	23	37	28	27.73	cps
Gadolinium	160-1	83	50	33	56	45.83	cps
Holmium	165-2	6182357	6263427	6328179	6257988	1.17	cps
Holmium	165-1	9925466	9849694	9825559	9866907	0.53	cps
Indium	115-1	8242462	8332687	8294610	8289920	0.55	cps
Indium	115-2	1848432	1878125	1876372	1867643	0.89	cps
Iron	56-2	256555	259542	261508	259202	0.96	cps
Iron	57-2	6329	6279	6485	6365	1.69	cps
Lead	206-1	12523	12829	12556	12636	1.33	cps
Lead	207-1	11094	11305	11111	11170	1.05	cps
Lead	208-1	51001	51507	50823	51110	0.69	cps
Lithium	6-1	389506	389636	386099	388414	0.52	cps
Magnesium	24-2	201596	206242	205500	204446	1.22	cps
Manganese	55-2	3507	3410	3587	3502	2.53	cps

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	H6103-06	Instrumnet Name :	P7
Client Sample ID :	LOQ-WATER-06-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 16:18:37	DataFile Name :	028SMPL_P7011717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	33925	32613	32831	33123	2.12	cps
Molybdenum	95-1	41704	41303	41678	41562	0.54	cps
Molybdenum	96-1	46736	45632	45290	45886	1.65	cps
Molybdenum	97-1	25490	25432	24897	25273	1.29	cps
Molybdenum	98-1	66547	66347	65426	66107	0.90	cps
Neodymium	150-1	20	7	7	11	69.25	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	2890	2854	2824	2856	1.17	cps
Phosphorus	31-2	383	442	367	397	9.92	cps
Potassium	39-2	247840	244494	246856	246396	0.70	cps
Rhodium	103-2	4341569	4387026	4399823	4376139	0.70	cps
Rhodium	103-1	7622949	7628108	7683421	7644826	0.44	cps
Scandium	45-1	5190519	5207870	5167168	5188519	0.39	cps
Scandium	45-2	265475	270524	269815	268605	1.02	cps
Selenium	77-2	70	57	63	63	10.52	cps
Selenium	78-2	328	291	337	319	7.69	cps
Selenium	82-1	1292	1324	1292	1302	1.41	cps
Silicon	28-1	1043755	1034218	1046235	1041402	0.61	cps
Silver	109-1	18121	18279	17386	17929	2.66	cps
Silver	107-1	19097	18338	18304	18580	2.41	cps
Sodium	23-2	390459	396188	400163	395604	1.23	cps
Strontium	86-1	6944	6310	7486	6913	8.51	cps
Strontium	88-1	51225	50549	49896	50557	1.32	cps
Sulfur	34-1	494235	496497	500405	497046	0.63	cps
Terbium	159-1	10424081	10458182	10493772	10458678	0.33	cps
Terbium	159-2	6191054	6198339	6298933	6229442	0.97	cps
Thallium	203-1	15243	15134	15293	15223	0.53	cps
Thallium	205-1	34237	35950	34638	34942	2.56	cps
Tin	118-1	69631	69246	68099	68992	1.16	cps
Titanium	47-1	11597	11372	11246	11405	1.56	cps
Uranium	238-1	52699	53628	52540	52956	1.11	cps
Vanadium	51-2	24991	24901	25031	24975	0.27	cps
Yttrium	89-2	1476937	1497366	1494913	1489739	0.75	cps
Yttrium	89-1	8869518	8905421	9034908	8936616	0.97	cps
Zinc	66-2	2170	2004	2047	2074	4.17	cps
Zirconium	90-1	27828	27093	27360	27427	1.36	cps

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	H6103-06	Instrumnet Name :	P7
Client Sample ID :	LOQ-WATER-06-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 16:18:37	DataFile Name :	028SMPL_P7011717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	6035	6127	6052	6071	0.80	cps

LB Number : LB85407 Operator : Jaswal
 Lab Sample ID : PB96119BL Instrumnet Name : P7
 Client Sample ID : PB96119BL Dilution Factor : 1
 Date & Time Acquired :: 2017-01-17 16:22:10 DataFile Name : 029SMPL_P7011717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	33	17	31	41.66	cps
Antimony	121-1	450	842	575	622	32.15	cps
Arsenic	75-2	13	24	15	17	34.45	cps
Barium	135-1	33	25	17	25	33.32	cps
Barium	137-1	25	42	17	28	45.82	cps
Beryllium	9-1	22	33	17	24	35.24	cps
Bismuth	209-1	6136928	6111426	6171104	6139819	0.49	cps
Bismuth	209-2	4517769	4530409	4622033	4556737	1.25	cps
Boron	10-1	200	142	233	192	24.21	cps
Boron	11-1	1175	908	942	1008	14.41	cps
Cadmium	106-1	2209	2284	2625	2373	9.36	cps
Cadmium	108-1	4	8	21	11	78.05	cps
Cadmium	111-1	1547	1597	1831	1659	9.15	cps
Calcium	43-1	225	258	108	197	39.94	cps
Calcium	44-1	20490	20991	20999	20827	1.40	cps
Chromium	52-2	2014	2054	1880	1982	4.58	cps
Cobalt	59-2	117	123	120	120	2.78	cps
Copper	63-2	803	833	877	838	4.40	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Erbium	164-1	25	33	33	31	15.74	cps
Erbium	164-2	13	13	7	11	34.61	cps
Gadolinium	160-2	20	23	23	22	8.65	cps
Gadolinium	160-1	33	58	133	75	69.39	cps
Holmium	165-2	6168143	6190859	6270524	6209842	0.87	cps
Holmium	165-1	9957162	10074852	9913399	9981804	0.84	cps
Indium	115-1	8271718	8348662	8260382	8293587	0.58	cps
Indium	115-2	1866086	1852547	1867522	1862052	0.44	cps
Iron	56-2	4334	4790	4973	4699	7.00	cps
Iron	57-2	133	89	100	107	21.54	cps
Lead	206-1	528	378	506	470	17.21	cps
Lead	207-1	433	428	356	406	10.70	cps
Lead	208-1	1900	1733	1928	1854	5.67	cps
Lithium	6-1	388883	388656	385475	387671	0.49	cps
Magnesium	24-2	92	167	142	133	28.64	cps
Manganese	55-2	67	37	70	58	31.77	cps

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	PB96119BL	Instrumnet Name :	P7
Client Sample ID :	PB96119BL	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 16:22:10	DataFile Name :	029SMPL_P7011717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	583	492	708	594	18.30	cps
Molybdenum	95-1	250	450	508	403	33.64	cps
Molybdenum	96-1	483	575	683	581	17.24	cps
Molybdenum	97-1	275	283	242	267	8.27	cps
Molybdenum	98-1	550	533	717	600	16.90	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	60	50	57	56	9.17	cps
Phosphorus	31-2	217	192	250	219	13.33	cps
Potassium	39-2	40640	41225	42629	41498	2.46	cps
Rhodium	103-2	4322062	4323845	4357784	4334563	0.46	cps
Rhodium	103-1	7654332	7640216	7679718	7658089	0.26	cps
Scandium	45-1	5157466	5219075	5172952	5183164	0.62	cps
Scandium	45-2	270158	270468	270687	270438	0.10	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	89	87	100	92	7.62	cps
Selenium	82-1	2	59	39	33	87.58	cps
Silicon	28-1	1012143	1000643	999489	1004092	0.70	cps
Silver	109-1	100	125	158	128	22.90	cps
Silver	107-1	133	75	217	142	50.26	cps
Sodium	23-2	16802	16184	17486	16824	3.87	cps
Strontium	86-1	1033	967	975	992	3.66	cps
Strontium	88-1	142	125	142	136	7.07	cps
Sulfur	34-1	498821	497647	494787	497085	0.42	cps
Terbium	159-1	10437244	10434406	10458104	10443252	0.12	cps
Terbium	159-2	6183447	6203372	6197387	6194735	0.17	cps
Thallium	203-1	50	58	58	56	8.67	cps
Thallium	205-1	117	108	133	119	10.66	cps
Tin	118-1	592	900	1008	833	25.94	cps
Titanium	47-1	125	150	133	136	9.35	cps
Uranium	238-1	42	92	83	72	37.09	cps
Vanadium	51-2	7	3	10	7	50.03	cps
Yttrium	89-2	1474960	1492752	1484326	1484012	0.60	cps
Yttrium	89-1	8835212	9007314	8964064	8935530	1.00	cps
Zinc	66-2	123	123	63	103	33.53	cps
Zirconium	90-1	1075	1250	1292	1206	9.54	cps

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	PB96119BL	Instrumnet Name :	P7
Client Sample ID :	PB96119BL	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 16:22:10	DataFile Name :	029SMPL_P7011717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	242	317	283	281	13.39	cps

LB Number : LB85407 Operator : Jaswal
 Lab Sample ID : H6103-05RE Instrumnet Name : P7
 Client Sample ID : LOD-WATER-05-QT1-20 Dilution Factor : 1
 Date & Time Acquired :: 2017-01-17 16:25:44 DataFile Name : 030SMPL_P7011717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	825	783	817	808	2.73	cps
Antimony	121-1	2909	3259	3134	3100	5.72	cps
Arsenic	75-2	146	139	191	159	17.68	cps
Barium	135-1	4293	4784	4809	4629	6.30	cps
Barium	137-1	7794	7319	7561	7558	3.14	cps
Beryllium	9-1	378	483	350	404	17.43	cps
Bismuth	209-1	6114773	6168120	6122204	6135032	0.47	cps
Bismuth	209-2	4540635	4532717	4530740	4534697	0.12	cps
Boron	10-1	217	133	167	172	24.36	cps
Boron	11-1	1100	900	1192	1064	14.02	cps
Cadmium	106-1	2025	2292	2284	2200	6.89	cps
Cadmium	108-1	63	92	63	72	23.32	cps
Cadmium	111-1	2195	2394	2517	2369	6.87	cps
Calcium	43-1	1125	1250	1142	1172	5.79	cps
Calcium	44-1	38560	37165	37707	37811	1.86	cps
Chromium	52-2	3260	3264	3350	3292	1.55	cps
Cobalt	59-2	2334	2484	2570	2462	4.86	cps
Copper	63-2	4194	4034	3987	4072	2.66	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Erbium	164-1	25	58	92	58	57.14	cps
Erbium	164-2	20	27	20	22	17.33	cps
Gadolinium	160-2	20	30	27	26	19.92	cps
Gadolinium	160-1	50	42	58	50	16.67	cps
Holmium	165-2	6147797	6231942	6190751	6190163	0.68	cps
Holmium	165-1	10007792	9855152	9957005	9939983	0.78	cps
Indium	115-1	8249980	8269191	8230684	8249952	0.23	cps
Indium	115-2	1851679	1855465	1868904	1858682	0.49	cps
Iron	56-2	59694	59449	59370	59504	0.28	cps
Iron	57-2	1511	1417	1456	1461	3.25	cps
Lead	206-1	3128	2773	3256	3052	8.21	cps
Lead	207-1	2878	2900	2745	2841	2.96	cps
Lead	208-1	12308	12041	12842	12397	3.29	cps
Lithium	6-1	385519	382169	387219	384969	0.67	cps
Magnesium	24-2	9612	9087	8986	9228	3.64	cps
Manganese	55-2	1663	1427	1387	1492	10.02	cps

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	H6103-05RE	Instrumnet Name :	P7
Client Sample ID :	LOD-WATER-05-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 16:25:44	DataFile Name :	030SMPL_P7011717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3426	3759	3659	3615	4.73	cps
Molybdenum	95-1	2059	2342	2242	2214	6.49	cps
Molybdenum	96-1	2584	2350	2692	2542	6.87	cps
Molybdenum	97-1	1142	1425	1350	1306	11.25	cps
Molybdenum	98-1	3267	3109	3492	3289	5.86	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	737	630	617	661	9.95	cps
Phosphorus	31-2	267	233	308	269	13.95	cps
Potassium	39-2	46566	45797	46391	46251	0.87	cps
Rhodium	103-2	4300190	4341108	4367360	4336219	0.78	cps
Rhodium	103-1	7645064	7624020	7668613	7645899	0.29	cps
Scandium	45-1	5133036	5222454	5289992	5215160	1.51	cps
Scandium	45-2	267162	269135	269974	268757	0.54	cps
Selenium	77-2	20	27	17	21	24.12	cps
Selenium	78-2	154	144	139	146	5.14	cps
Selenium	82-1	394	300	275	323	19.46	cps
Silicon	28-1	1000745	1007487	1008330	1005521	0.41	cps
Silver	109-1	4284	4601	4259	4381	4.35	cps
Silver	107-1	4943	4234	4568	4582	7.74	cps
Sodium	23-2	33664	33380	34357	33800	1.49	cps
Strontium	86-1	2384	2134	2367	2295	6.09	cps
Strontium	88-1	11296	12130	11647	11691	3.58	cps
Sulfur	34-1	504235	503760	504762	504252	0.10	cps
Terbium	159-1	10529055	10281242	10474448	10428248	1.25	cps
Terbium	159-2	6145834	6185605	6224321	6185253	0.63	cps
Thallium	203-1	3192	3476	3259	3309	4.48	cps
Thallium	205-1	7969	7594	8420	7994	5.17	cps
Tin	118-1	3817	4076	4026	3973	3.45	cps
Titanium	47-1	700	767	775	747	5.50	cps
Uranium	238-1	10621	11080	10755	10819	2.18	cps
Vanadium	51-2	1060	1150	1033	1081	5.65	cps
Yttrium	89-2	1487351	1479974	1497534	1488286	0.59	cps
Yttrium	89-1	8994358	8934659	8964856	8964624	0.33	cps
Zinc	66-2	547	527	463	512	8.49	cps
Zirconium	90-1	6252	6152	5851	6085	3.42	cps

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	H6103-05RE	Instrumnet Name :	P7
Client Sample ID :	LOD-WATER-05-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 16:25:44	DataFile Name :	030SMPL_P7011717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1325	1267	1258	1283	2.83	cps

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	H6103-06RE	Instrumnet Name :	P7
Client Sample ID :	LOQ-WATER-06-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 16:29:16	DataFile Name :	031CCV_P7011717-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3901	3401	3334	3545	8.74	cps
Antimony	121-1	34109	33858	34059	34009	0.39	cps
Arsenic	75-2	763	687	798	749	7.58	cps
Barium	135-1	40736	40343	39983	40354	0.93	cps
Barium	137-1	72699	71259	70690	71549	1.45	cps
Beryllium	9-1	1661	1756	1661	1693	3.22	cps
Bismuth	209-1	6147303	6111020	6083597	6113973	0.52	cps
Bismuth	209-2	4505262	4595047	4632305	4577538	1.43	cps
Boron	10-1	6660	6352	6718	6577	3.00	cps
Boron	11-1	36303	36721	36395	36473	0.60	cps
Cadmium	111-1	5580	5486	5648	5571	1.46	cps
Cadmium	106-1	2675	2575	2359	2536	6.38	cps
Cadmium	108-1	396	304	321	340	14.35	cps
Calcium	43-1	24688	24822	25206	24905	1.08	cps
Calcium	44-1	424626	420015	413730	419457	1.30	cps
Chromium	52-2	14798	14841	15075	14904	1.00	cps
Cobalt	59-2	10354	10417	10444	10405	0.44	cps
Copper	63-2	15625	16166	16156	15982	1.94	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Dysprosium	156-1	0	8	42	17	132.30	cps
Erbium	164-1	58	100	33	64	52.72	cps
Erbium	164-2	27	47	43	39	27.55	cps
Gadolinium	160-2	30	47	20	32	41.81	cps
Gadolinium	160-1	50	25	58	44	39.04	cps
Holmium	165-1	9862634	9808091	9747002	9805909	0.59	cps
Holmium	165-2	6202331	6246133	6218549	6222338	0.36	cps
Indium	115-1	8243670	8243216	8224479	8237122	0.13	cps
Indium	115-2	1877008	1878670	1888320	1881333	0.32	cps
Iron	56-2	257920	259298	262496	259905	0.90	cps
Iron	57-2	6441	6563	6352	6452	1.64	cps
Lead	206-1	12267	12378	13007	12551	3.18	cps
Lead	207-1	11366	11338	11589	11431	1.20	cps
Lead	208-1	51346	51435	50950	51244	0.50	cps
Lithium	6-1	383774	378643	377626	380014	0.87	cps
Magnesium	24-2	201854	202451	205964	203423	1.09	cps
Manganese	55-2	3530	3477	3781	3596	4.50	cps

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	H6103-06RE	Instrumnet Name :	P7
Client Sample ID :	LOQ-WATER-06-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 16:29:16	DataFile Name :	031CCV_P7011717-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	34276	32421	33716	33471	2.84	cps
Molybdenum	95-1	41687	42064	40976	41576	1.33	cps
Molybdenum	96-1	46519	45875	45983	46126	0.75	cps
Molybdenum	97-1	26183	25265	25558	25668	1.83	cps
Molybdenum	98-1	67252	66179	64991	66141	1.71	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Neodymium	150-1	7	13	13	11	34.61	cps
Nickel	60-2	2970	3034	3017	3007	1.09	cps
Phosphorus	31-2	400	417	475	431	9.15	cps
Potassium	39-2	245908	242321	249713	245981	1.50	cps
Rhodium	103-2	4358788	4367606	4380419	4368938	0.25	cps
Rhodium	103-1	7734117	7598505	7600827	7644483	1.02	cps
Scandium	45-1	5141717	5215389	5158276	5171794	0.75	cps
Scandium	45-2	271692	265742	274421	270618	1.64	cps
Selenium	82-1	1354	1183	1207	1248	7.42	cps
Selenium	77-2	57	67	50	58	14.52	cps
Selenium	78-2	283	331	300	305	8.02	cps
Silicon	28-1	1060824	1047842	1049702	1052789	0.67	cps
Silver	109-1	17612	17487	18196	17765	2.13	cps
Silver	107-1	18613	18730	18947	18763	0.90	cps
Sodium	23-2	395982	393770	398344	396032	0.58	cps
Strontium	86-1	6752	7285	6810	6949	4.21	cps
Strontium	88-1	49437	49244	49135	49272	0.31	cps
Sulfur	34-1	504524	498133	498572	500410	0.71	cps
Terbium	159-2	6238652	6235961	6268415	6247676	0.29	cps
Terbium	159-1	10382792	10151179	10327964	10287312	1.18	cps
Thallium	203-1	14358	14567	14600	14508	0.90	cps
Thallium	205-1	35156	34421	34980	34852	1.10	cps
Tin	118-1	68099	67915	69388	68467	1.17	cps
Titanium	47-1	11730	11722	11055	11502	3.37	cps
Uranium	238-1	51654	52223	52507	52128	0.83	cps
Vanadium	51-2	24908	24671	25572	25050	1.87	cps
Yttrium	89-1	8920901	8767909	8968066	8885625	1.18	cps
Yttrium	89-2	1498145	1503769	1517023	1506312	0.64	cps
Zinc	66-2	2107	2070	2120	2099	1.23	cps
Zirconium	90-1	27962	26584	27536	27360	2.58	cps

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	H6103-06RE	Instrumnet Name :	P7
Client Sample ID :	LOQ-WATER-06-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 16:29:16	DataFile Name :	031CCV_P7011717-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	6135	5968	6043	6049	1.38	cps

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	CCV91	Instrumnet Name :	P7
Client Sample ID :	CCV91	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 16:36:16	DataFile Name :	033CCV_P7011717-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	928439	940072	929552	932688	0.69	cps
Antimony	121-1	4980007	4957649	4950171	4962609	0.31	cps
Arsenic	75-2	203162	206050	204604	204605	0.71	cps
Barium	135-1	5998554	6047098	6060848	6035500	0.54	cps
Barium	137-1	10291698	10324682	10263885	10293422	0.30	cps
Beryllium	9-1	485532	487862	488684	487359	0.34	cps
Bismuth	209-2	4494606	4545958	4537683	4526082	0.61	cps
Bismuth	209-1	6057949	6093282	6105085	6085438	0.40	cps
Boron	10-1	70564	70992	72709	71422	1.59	cps
Boron	11-1	393597	393688	399470	395585	0.85	cps
Cadmium	106-1	125158	125570	126150	125626	0.40	cps
Cadmium	108-1	82677	84316	83645	83546	0.99	cps
Cadmium	111-1	1169727	1165593	1167488	1167603	0.18	cps
Calcium	43-1	1419060	1423029	1425761	1422617	0.24	cps
Calcium	44-1	22708853	22912097	22710000	22776983	0.51	cps
Chromium	52-2	1743084	1776290	1743849	1754408	1.08	cps
Cobalt	59-2	2837529	2873867	2875194	2862197	0.75	cps
Copper	63-2	4106192	4151285	4140323	4132600	0.57	cps
Dysprosium	156-2	17	30	13	20	44.10	cps
Dysprosium	156-1	42	92	75	69	36.66	cps
Erbium	164-1	42	50	67	53	24.12	cps
Erbium	164-2	27	10	10	16	61.87	cps
Gadolinium	160-2	37	47	20	34	39.11	cps
Gadolinium	160-1	108	108	42	86	44.70	cps
Holmium	165-2	6321028	6441407	6410148	6390861	0.98	cps
Holmium	165-1	10128368	10027543	10185295	10113735	0.79	cps
Indium	115-1	8229777	8107385	8186001	8174388	0.76	cps
Indium	115-2	1841806	1872510	1874816	1863044	0.99	cps
Iron	56-2	72089816	72804182	72568066	72487354	0.50	cps
Iron	57-2	1774143	1785094	1791416	1783551	0.49	cps
Lead	206-1	3336717	3317855	3348416	3334329	0.46	cps
Lead	207-1	3064916	3091506	3110444	3088956	0.74	cps
Lead	208-1	13643479	13692086	13688867	13674811	0.20	cps
Lithium	6-1	381104	384546	384524	383391	0.52	cps
Magnesium	24-2	11297310	11390648	11138803	11275587	1.13	cps
Manganese	55-2	1909703	1914522	1904705	1909643	0.26	cps

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	CCV91	Instrumnet Name :	P7
Client Sample ID :	CCV91	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 16:36:16	DataFile Name :	033CCV_P7011717-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4531318	4498315	4573466	4534366	0.83	cps
Molybdenum	95-1	2423748	2412771	2442287	2426269	0.61	cps
Molybdenum	96-1	3075813	3064127	3092801	3077581	0.47	cps
Molybdenum	97-1	1476404	1481408	1482095	1479969	0.21	cps
Molybdenum	98-1	3871371	3884925	3899467	3885254	0.36	cps
Neodymium	150-1	327	280	280	296	9.12	cps
Neodymium	150-2	37	20	23	27	33.08	cps
Nickel	60-2	755277	759199	759661	758046	0.32	cps
Phosphorus	31-2	55220	53313	54175	54236	1.76	cps
Potassium	39-2	5888955	5915402	5909291	5904549	0.23	cps
Rhodium	103-2	4251688	4279677	4281044	4270803	0.39	cps
Rhodium	103-1	7505358	7468524	7452201	7475361	0.36	cps
Scandium	45-1	5248736	5181689	5236395	5222273	0.68	cps
Scandium	45-2	272930	273453	272843	273075	0.12	cps
Selenium	77-2	3631	3637	3714	3661	1.27	cps
Selenium	78-2	12116	12083	12196	12132	0.48	cps
Selenium	82-1	71367	71998	71371	71579	0.51	cps
Silicon	28-1	3915382	3920578	3914749	3916903	0.08	cps
Silver	109-1	5528877	5558656	5578608	5555381	0.45	cps
Silver	107-1	5703481	5830958	5770076	5768171	1.11	cps
Sodium	23-2	21191596	21291610	21336245	21273150	0.35	cps
Strontium	86-1	1721910	1722541	1730117	1724856	0.26	cps
Strontium	88-1	15079175	14805744	15041697	14975538	0.99	cps
Sulfur	34-1	909500	900139	904755	904798	0.52	cps
Terbium	159-1	10612815	10437796	10534200	10528270	0.83	cps
Terbium	159-2	6363620	6400971	6390102	6384898	0.30	cps
Thallium	203-1	4167351	4189388	4241076	4199272	0.90	cps
Thallium	205-1	10086916	9864811	10015881	9989203	1.14	cps
Tin	118-1	3977168	3977287	3931417	3961957	0.67	cps
Titanium	47-1	686884	682112	681655	683551	0.42	cps
Uranium	238-1	14393050	14529058	14581372	14501160	0.67	cps
Vanadium	51-2	1431245	1451577	1435061	1439294	0.75	cps
Yttrium	89-2	1504711	1528125	1516137	1516325	0.77	cps
Yttrium	89-1	9079558	8904873	9049978	9011470	1.04	cps
Zinc	66-2	536662	544621	538848	540044	0.76	cps
Zirconium	90-1	8479836	8652301	8619414	8583850	1.07	cps

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	CCV91	Instrumnet Name :	P7
Client Sample ID :	CCV91	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 16:36:16	DataFile Name :	033CCV_P7011717-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1888917	1908679	1927915	1908504	1.02	cps

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	LLCCV02	Instrumnet Name :	P7
Client Sample ID :	LLCCV02	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 17:06:43	DataFile Name :	035LCSE_P7011717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1934	1800	1759	1831	4.99	cps
Antimony	121-1	19631	18788	19640	19353	2.53	cps
Arsenic	75-2	430	413	369	404	7.82	cps
Barium	135-1	20065	20324	20708	20366	1.59	cps
Barium	137-1	34586	35505	34669	34920	1.45	cps
Beryllium	9-1	856	717	711	761	10.75	cps
Bismuth	209-1	6040478	6027401	6027271	6031717	0.13	cps
Bismuth	209-2	4416202	4534813	4620657	4523891	2.27	cps
Boron	10-1	3334	3567	3426	3442	3.42	cps
Boron	11-1	18270	18262	19021	18517	2.36	cps
Cadmium	106-1	2367	2659	2625	2550	6.26	cps
Cadmium	108-1	179	179	150	169	9.94	cps
Cadmium	111-1	3607	3628	3750	3661	2.11	cps
Calcium	43-1	12414	12756	12631	12600	1.37	cps
Calcium	44-1	215347	216590	219269	217069	0.92	cps
Chromium	52-2	8022	8159	8176	8119	1.04	cps
Cobalt	59-2	5058	5051	5154	5088	1.14	cps
Copper	63-2	8443	8246	8509	8399	1.63	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Dysprosium	156-1	8	25	17	17	50.01	cps
Erbium	164-1	58	33	58	50	28.88	cps
Erbium	164-2	33	13	23	23	42.86	cps
Gadolinium	160-2	20	37	33	30	29.40	cps
Gadolinium	160-1	125	108	58	97	35.68	cps
Holmium	165-2	6053335	6190188	6280061	6174528	1.85	cps
Holmium	165-1	9899318	9683678	9874814	9819270	1.20	cps
Indium	115-1	8171893	8157271	8119370	8149511	0.33	cps
Indium	115-2	1826471	1850982	1871641	1849698	1.22	cps
Iron	56-2	130251	132342	133574	132056	1.27	cps
Iron	57-2	3328	3200	3139	3223	2.99	cps
Lead	206-1	7058	6646	6302	6669	5.68	cps
Lead	207-1	5968	5818	6102	5963	2.38	cps
Lead	208-1	26466	26917	26789	26724	0.87	cps
Lithium	6-1	378029	369752	377467	375083	1.23	cps
Magnesium	24-2	100336	99941	100125	100134	0.20	cps
Manganese	55-2	1907	1897	1887	1897	0.53	cps

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	LLCCV02	Instrumnet Name :	P7
Client Sample ID :	LLCCV02	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 17:06:43	DataFile Name :	035LCSE_P7011717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	16660	16385	16477	16507	0.85	cps
Molybdenum	95-1	20899	21767	21091	21253	2.15	cps
Molybdenum	96-1	22226	23270	22869	22788	2.31	cps
Molybdenum	97-1	13173	13332	12623	13043	2.85	cps
Molybdenum	98-1	32638	33682	33348	33223	1.61	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1450	1560	1520	1510	3.69	cps
Phosphorus	31-2	383	325	333	347	9.09	cps
Potassium	39-2	143430	145154	144766	144450	0.63	cps
Rhodium	103-2	4243329	4330181	4328107	4300539	1.15	cps
Rhodium	103-1	7637453	7475142	7473239	7528611	1.25	cps
Scandium	45-1	5151941	5100954	5159600	5137499	0.62	cps
Scandium	45-2	264453	265114	271584	267050	1.48	cps
Selenium	77-2	7	37	37	27	64.94	cps
Selenium	78-2	207	181	224	204	10.51	cps
Selenium	82-1	657	523	642	607	12.03	cps
Silicon	28-1	1001467	1015854	1023803	1013708	1.12	cps
Silver	109-1	8495	8887	8978	8786	2.92	cps
Silver	107-1	9479	9128	9487	9365	2.19	cps
Sodium	23-2	201367	203539	206089	203665	1.16	cps
Strontium	86-1	4067	3734	4017	3940	4.56	cps
Strontium	88-1	24722	25582	24755	25020	1.95	cps
Sulfur	34-1	495089	497154	496787	496343	0.22	cps
Terbium	159-1	10317937	10130242	10205400	10217860	0.92	cps
Terbium	159-2	6079488	6181095	6223522	6161368	1.20	cps
Thallium	203-1	7052	7261	7336	7216	2.04	cps
Thallium	205-1	17554	18055	17495	17701	1.74	cps
Tin	118-1	34393	34485	34034	34304	0.69	cps
Titanium	47-1	5860	5518	6102	5826	5.03	cps
Uranium	238-1	25985	25309	25551	25615	1.34	cps
Vanadium	51-2	12382	12522	12489	12464	0.59	cps
Yttrium	89-2	1460838	1483761	1498747	1481115	1.29	cps
Yttrium	89-1	8772645	8689373	8732242	8731420	0.48	cps
Zinc	66-2	1083	1083	1133	1100	2.62	cps
Zirconium	90-1	13407	13273	13048	13243	1.37	cps

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	LLCCV02	Instrumnet Name :	P7
Client Sample ID :	LLCCV02	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 17:06:43	DataFile Name :	035LCSE_P7011717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3284	3059	3201	3181	3.58	cps

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	CCB91	Instrumnet Name :	P7
Client Sample ID :	CCB91	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 17:10:15	DataFile Name :	036SMPL_P7011717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	33	58	39	44.62	cps
Antimony	121-1	1117	1133	1608	1286	21.71	cps
Arsenic	75-2	15	26	22	21	26.98	cps
Barium	135-1	25	33	33	31	15.74	cps
Barium	137-1	25	25	25	25	0.00	cps
Beryllium	9-1	17	17	28	20	31.48	cps
Bismuth	209-1	6000354	6009751	6087246	6032450	0.79	cps
Bismuth	209-2	4508299	4514288	4533312	4518633	0.29	cps
Boron	10-1	150	167	225	181	21.81	cps
Boron	11-1	767	1017	808	864	15.51	cps
Cadmium	106-1	2492	1917	2234	2214	13.01	cps
Cadmium	108-1	8	8	4	7	34.59	cps
Cadmium	111-1	1739	1348	1569	1552	12.60	cps
Calcium	43-1	250	183	242	225	16.14	cps
Calcium	44-1	20824	19372	20640	20279	3.90	cps
Chromium	52-2	1917	1934	1934	1928	0.50	cps
Cobalt	59-2	137	120	123	127	6.96	cps
Copper	63-2	890	733	820	814	9.64	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-2	3	10	13	9	57.30	cps
Erbium	164-1	33	42	25	33	25.01	cps
Gadolinium	160-1	92	33	25	50	72.65	cps
Gadolinium	160-2	37	20	33	30	29.40	cps
Holmium	165-2	6189055	6218648	6235987	6214563	0.38	cps
Holmium	165-1	9870452	9554446	9786761	9737220	1.68	cps
Indium	115-2	1846531	1856334	1853927	1852264	0.28	cps
Indium	115-1	8024881	8155000	8160404	8113428	0.95	cps
Iron	56-2	4884	5057	4962	4968	1.74	cps
Iron	57-2	67	106	117	96	27.26	cps
Lead	206-1	489	494	611	532	12.99	cps
Lead	207-1	356	467	461	428	14.64	cps
Lead	208-1	1961	2039	2183	2061	5.47	cps
Lithium	6-1	372763	367587	375120	371823	1.04	cps
Magnesium	24-2	158	100	208	156	34.86	cps
Manganese	55-2	63	97	50	70	34.34	cps

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	CCB91	Instrumnet Name :	P7
Client Sample ID :	CCB91	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 17:10:15	DataFile Name :	036SMPL_P7011717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	483	517	550	517	6.45	cps
Molybdenum	95-1	250	333	517	367	37.21	cps
Molybdenum	96-1	383	442	650	492	28.51	cps
Molybdenum	97-1	167	267	292	242	27.37	cps
Molybdenum	98-1	450	625	708	594	22.18	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Nickel	60-2	50	77	53	60	24.22	cps
Phosphorus	31-2	192	233	242	222	12.05	cps
Potassium	39-2	40982	40514	41008	40835	0.68	cps
Rhodium	103-2	4320258	4301838	4307911	4310003	0.22	cps
Rhodium	103-1	7548707	7524666	7561939	7545104	0.25	cps
Scandium	45-1	5070447	5104970	5103300	5092906	0.38	cps
Scandium	45-2	265605	267575	265808	266329	0.41	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	80	100	85	88	11.93	cps
Selenium	82-1	33	-11	-42	-7	-575.38	cps
Silicon	28-1	1005899	1005536	1001772	1004402	0.23	cps
Silver	107-1	150	192	242	194	23.60	cps
Silver	109-1	117	100	83	100	16.66	cps
Sodium	23-2	15967	16960	16518	16482	3.02	cps
Strontium	86-1	1017	942	792	917	12.50	cps
Strontium	88-1	158	192	108	153	27.45	cps
Sulfur	34-1	492484	495382	492147	493338	0.36	cps
Terbium	159-2	6149887	6084629	6178557	6137691	0.78	cps
Terbium	159-1	10334502	10065409	10340178	10246696	1.53	cps
Thallium	203-1	58	33	25	39	44.62	cps
Thallium	205-1	167	92	67	108	48.04	cps
Tin	118-1	750	725	875	783	10.26	cps
Titanium	47-1	108	167	117	131	24.16	cps
Uranium	238-1	25	75	33	44	60.28	cps
Vanadium	51-2	13	0	0	4	173.21	cps
Yttrium	89-2	1475841	1483394	1490859	1483365	0.51	cps
Yttrium	89-1	8727496	8621904	8853128	8734176	1.33	cps
Zinc	66-2	190	207	207	201	4.79	cps
Zirconium	90-1	1000	1067	992	1020	4.03	cps

LB Number :	LB85407	Operator :	Jaswal
Lab Sample ID :	CCB91	Instrumnet Name :	P7
Client Sample ID :	CCB91	Dilution Factor :	1
Date & Time Acquired ::	2017-01-17 17:10:15	DataFile Name :	036SMPL_P7011717-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	192	217	192	200	7.22	cps