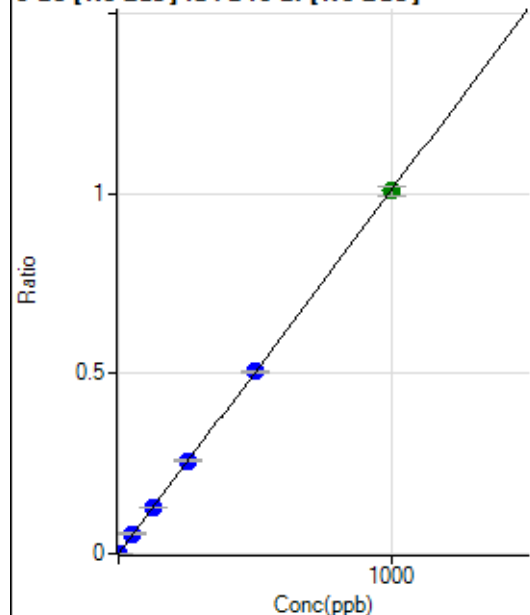


Calibration for 007CALS.d

Batch Folder: D:\P8091917-ICP MS .b\
 Analysis File: P8091917-ICP MS .batch.bin
 DA Date-Time: 2017-09-19 17:56:03
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2017-09-19 16:48:46
2			
3	005CALS.d	S02	2017-09-19 16:55:56
4	006CALS.d	S03	2017-09-19 16:59:25
5	007CALS.d	S04	2017-09-19 17:02:54
6	008CALS.d	S05	2017-09-19 17:06:16
7	009CALS.d	S06	2017-09-19 17:09:34
8	010CALS.d	S07	2017-09-19 17:12:47
9	011CALS.d	S08	2017-09-19 17:15:54

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	188.90	0.0002	P	4.0
2	☐	0.100					
3	☐	1.000	0.927	1274.16	0.0011	P	5.1
4	☐	50.000	54.600	64953.84	0.0553	P	7.7
5	☐	125.000	127.976	163211.09	0.1294	P	0.8
6	☐	250.000	255.325	328699.23	0.2579	P	1.2
7	☐	500.000	499.893	680328.55	0.5048	P	0.5
8	☐	1000.000	998.120	1366334.39	1.0078	A	2.7
9	☐			694.48	0.0005	P	6.7

$$y = 0.0010 * x + 1.5511E-004$$

$$R = 1.0000$$

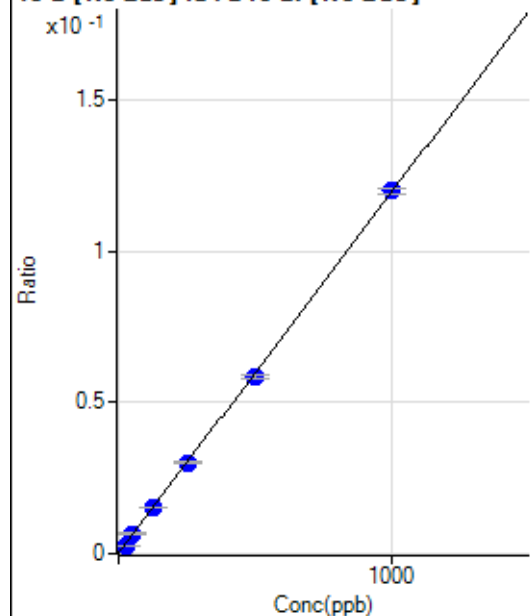
$$DL = 0.01865$$

$$BEC = 0.1536$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	197.23	0.0002	P	12.2
2	☐	2.500					
3	☐	25.000	21.542	3175.48	0.0027	P	8.7
4	☐	50.000	52.570	7538.39	0.0064	P	10.2
5	☐	125.000	125.267	19027.21	0.0151	P	0.8
6	☐	250.000	250.895	38290.95	0.0300	P	1.8
7	☐	500.000	490.115	78891.90	0.0585	P	1.9
8	☐	1000.000	1004.643	162439.08	0.1198	P	1.9
9	☐			5217.86	0.0039	P	12.8

$$y = 1.1909E-004 * x + 1.6192E-004$$

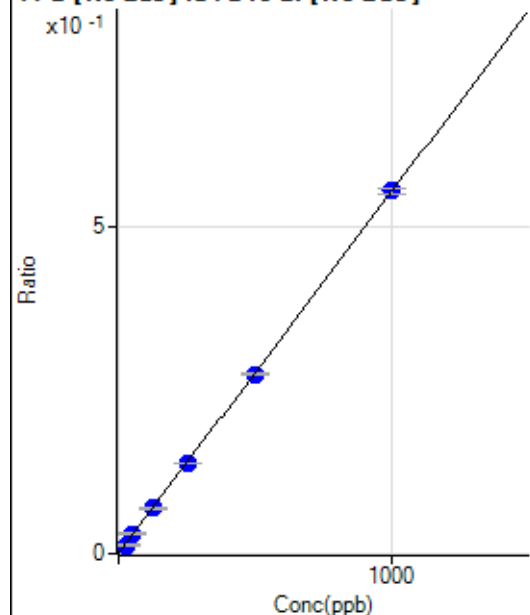
$$R = 0.9999$$

$$DL = 0.4992$$

$$BEC = 1.36$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	863.96	0.0007	P	2.6
2	☐	2.500					
3	☐	25.000	22.618	15375.52	0.0132	P	6.7
4	☐	50.000	53.086	35285.99	0.0300	P	8.6
5	☐	125.000	124.543	87715.66	0.0695	P	1.6
6	☐	250.000	249.901	176878.12	0.1388	P	0.8
7	☐	500.000	495.142	369649.37	0.2743	P	1.1
8	☐	1000.000	1002.416	751918.42	0.5545	P	1.5
9	☐			23792.94	0.0179	P	13.1

$$y = 5.5249\text{E-}004 * x + 7.0910\text{E-}004$$

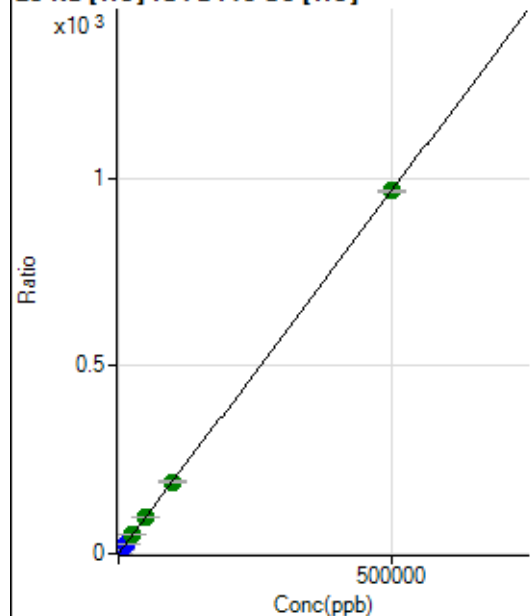
$$R = 1.0000$$

$$DL = 0.09957$$

$$BEC = 1.283$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3797.92	0.0942	P	10.8
2	☐	50.000					
3	☐	500.000	428.455	36110.51	0.9213	P	0.7
4	☐	5000.000	4955.030	401060.78	9.6600	P	0.8
5	☐	12500.000	12484.411	999640.29	24.1956	P	1.1
6	☐	25000.000	25638.662	2007386.92	49.5901	A	2.0
7	☐	50000.000	50125.998	3891442.79	96.8633	A	0.9
8	☐	100000.00	99290.042	7437463.79	191.7754	A	0.4
9	☐	500000.00	500098.37	36996118.19	965.5430	A	0.7

$$y = 0.0019 * x + 0.0942$$

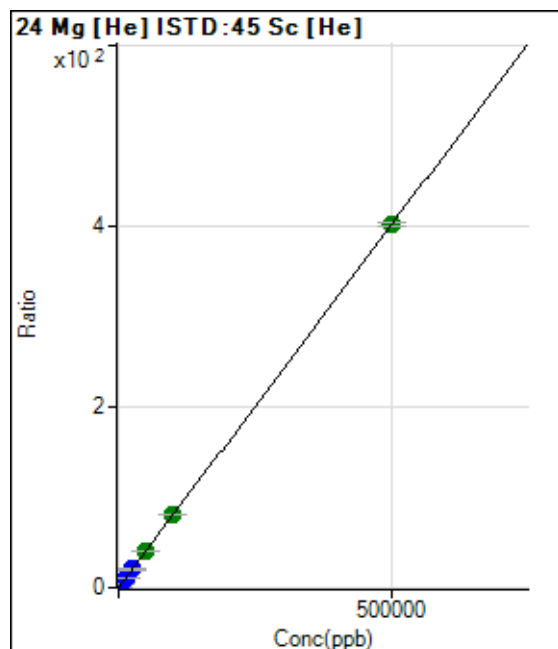
$$R = 1.0000$$

$$DL = 15.81$$

$$BEC = 48.8$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	236.12	0.0058	P	27.4
2	☐	50.000					
3	☐	500.000	425.902	13651.56	0.3482	P	3.1
4	☐	5000.000	4963.792	165912.41	3.9962	P	0.6
5	☐	12500.000	12418.197	412688.45	9.9887	P	0.8
6	☐	25000.000	25253.022	822104.65	20.3066	P	1.1
7	☐	50000.000	50958.125	1645962.44	40.9707	A	1.1
8	☐	100000.00	99952.534	3116485.77	80.3570	A	0.7
9	☐	500000.00	499903.51	15397971.87	401.8747	A	1.2

$$y = 8.0389\text{E-}004 * x + 0.0058$$

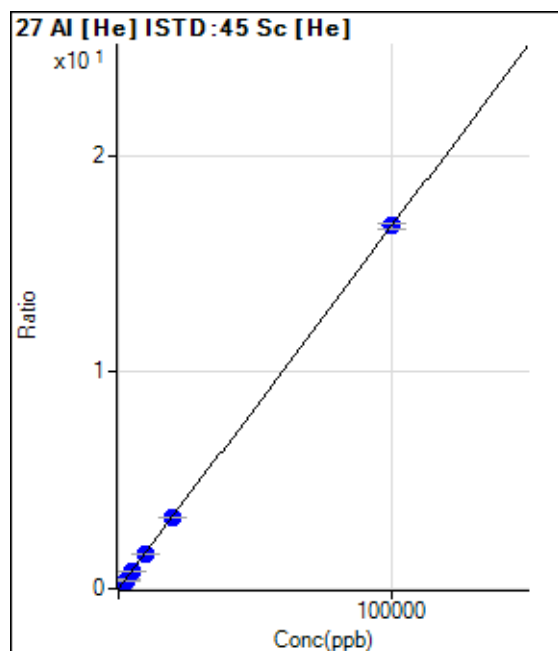
$$R = 1.0000$$

$$DL = 5.988$$

$$BEC = 7.275$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	38.89	0.0010	P	53.1
2	☐	2.000					
3	☐	20.000	17.505	152.79	0.0039	P	20.8
4	☐	1000.000	936.830	6551.82	0.1578	P	4.9
5	☐	2500.000	2374.625	16468.65	0.3986	P	1.7
6	☐	5000.000	4948.069	33576.76	0.8295	P	2.7
7	☐	10000.000	9679.782	65153.23	1.6219	P	1.5
8	☐	20000.000	19603.742	127347.90	3.2837	P	0.8
9	☐	100000.00	100117.63	642400.60	16.7661	P	1.3

$$y = 1.6745\text{E-}004 * x + 9.6088\text{E-}004$$

$$R = 1.0000$$

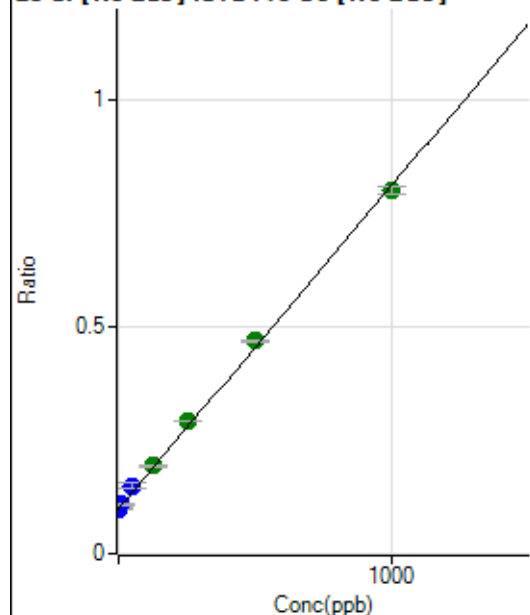
$$DL = 9.143$$

$$BEC = 5.738$$

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	472503.68	0.0988	P	1.7
2	☐	1.000					
3	☐	10.000	13.492	502055.34	0.1084	P	2.2
4	☐	50.000	71.884	716849.20	0.1501	P	6.7
5	☐	125.000	132.499	966944.51	0.1933	A	1.2
6	☐	250.000	270.603	1446339.30	0.2918	A	0.3
7	☐	500.000	518.655	2335144.45	0.4686	A	0.9
8	☐	1000.000	983.455	3871571.09	0.8001	A	2.2
9	☐			471507.57	0.0996	P	5.5

$$y = 7.1303\text{E-}004 * x + 0.0988$$

$$R = 0.9994$$

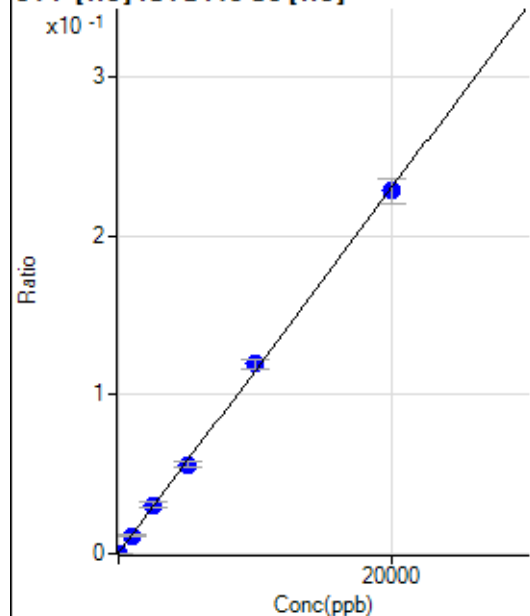
$$DL = 7.254$$

$$BEC = 138.6$$

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	11.872	19.45	0.0005	P	26.2
2	☐	0.000					
3	☐	0.000	-11.872	8.33	0.0002	P	99.6
4	☐	1000.000	953.742	469.47	0.0113	P	10.3
5	☐	2500.000	2638.264	1266.78	0.0307	P	10.0
6	☐	5000.000	4838.131	2266.95	0.0560	P	7.0
7	☐	10000.000	10366.599	4801.02	0.1195	P	4.9
8	☐	20000.000	19842.198	8858.80	0.2285	P	6.8
9	☐			5.56	0.0001	P	173.2

$$y = 1.1496\text{E-}005 * x + 3.4725\text{E-}004$$

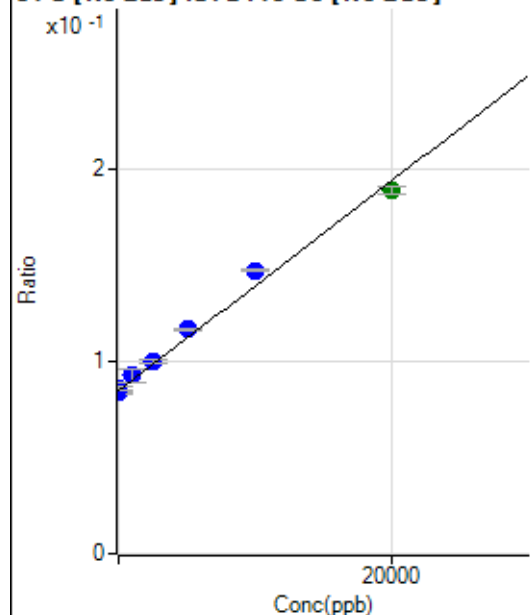
$$R = 0.9997$$

$$DL = 43.91$$

$$BEC = 30.21$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-203.971	400221.76	0.0837	P	1.6
2	☐	0.000					
3	☐	0.000	203.971	397816.57	0.0859	P	2.6
4	☐	1000.000	1472.258	443469.15	0.0929	P	7.3
5	☐	2500.000	2816.267	501310.93	0.1002	P	1.3
6	☐	5000.000	5833.065	578525.27	0.1167	P	0.3
7	☐	10000.000	11405.962	733331.76	0.1472	P	0.6
8	☐	20000.000	19025.606	913751.47	0.1888	A	2.0
9	☐			401621.84	0.0848	P	4.6

$$y = 5.4663\text{E-}006 * x + 0.0848$$

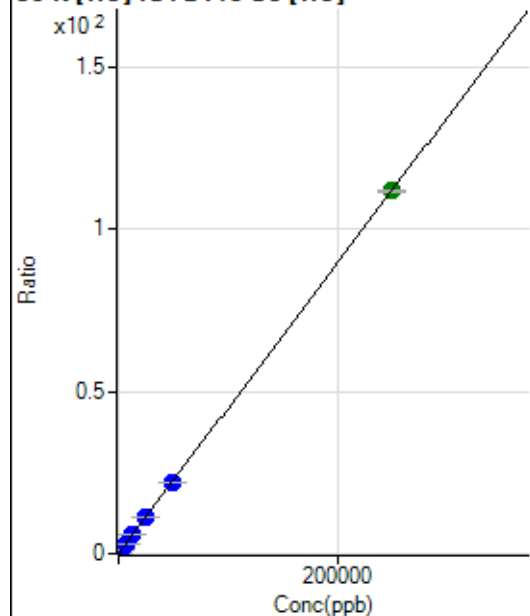
$$R = 0.9950$$

$$DL = 984.3$$

$$BEC = 1.552\text{E}+04$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2992.14	0.0743	P	4.2
2	☐	50.000					
3	☐	500.000	440.021	10623.87	0.2710	P	3.5
4	☐	2500.000	2572.706	50840.16	1.2246	P	1.1
5	☐	6250.000	6461.412	122431.67	2.9633	P	0.9
6	☐	12500.000	12852.659	235650.99	5.8210	P	1.5
7	☐	25000.000	25057.542	453088.07	11.2781	P	1.1
8	☐	50000.000	49252.658	856942.31	22.0963	P	0.6
9	☐	250000.00	250120.18	4288001.57	111.9088	A	0.5

$$y = 4.4712\text{E-}004 * x + 0.0743$$

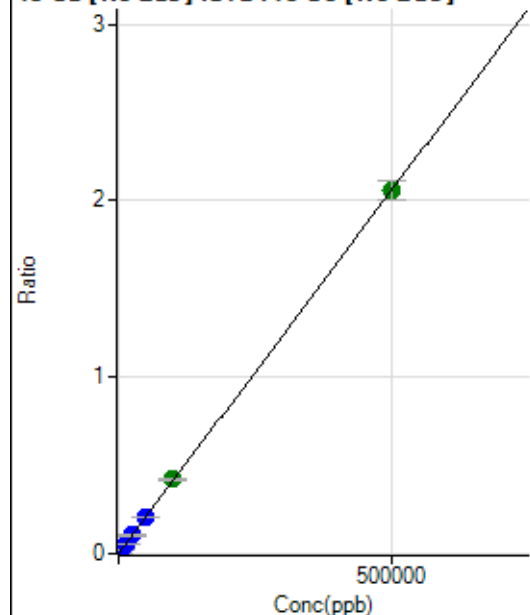
$$R = 1.0000$$

$$DL = 21.02$$

$$BEC = 166.1$$

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	2358.66	0.0005	P	6.5
2	☐	50.000					
3	☐	500.000	450.472	10860.20	0.0023	P	6.7
4	☐	5000.000	5175.600	104015.21	0.0218	P	8.5
5	☐	12500.000	12414.378	258071.01	0.0516	P	1.0
6	☐	25000.000	25124.942	515066.18	0.1039	P	0.8
7	☐	50000.000	50605.652	1040314.78	0.2088	P	0.9
8	☐	100000.00	102528.30	2044561.55	0.4225	A	2.1
9	☐	500000.00	499427.96	9732350.22	2.0561	A	5.1

$$y = 4.1159\text{E-}006 * x + 4.9348\text{E-}004$$

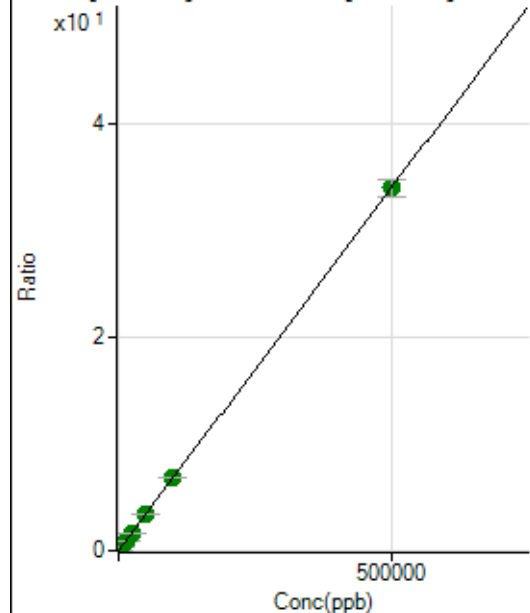
$$R = 1.0000$$

$$DL = 23.49$$

$$BEC = 119.9$$

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	29799.37	0.0062	P	3.5
2	☐	50.000					
3	☐	500.000	457.689	172732.37	0.0373	P	0.4
4	☐	5000.000	5222.359	1721766.79	0.3607	A	7.9
5	☐	12500.000	12357.410	4226663.55	0.8449	A	0.8
6	☐	25000.000	24734.287	8352434.30	1.6850	A	0.4
7	☐	50000.000	49664.454	16827423.12	3.3770	A	0.0
8	☐	100000.00	100901.02	33170411.85	6.8545	A	1.8
9	☐	500000.00	499868.01	160634498.0	33.9327	A	4.8

$$y = 6.7871\text{E-}005 * x + 0.0062$$

$$R = 1.0000$$

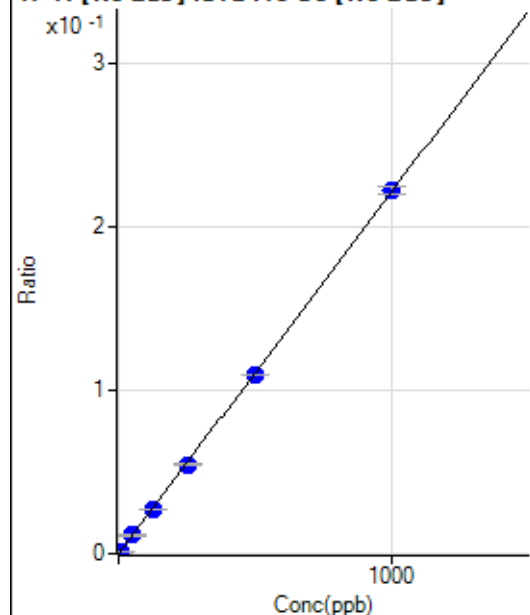
$$DL = 9.586$$

$$BEC = 91.84$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	169.46	0.0000	P	20.2
2	☐	0.500					
3	☐	5.000	4.464	4734.34	0.0010	P	1.0
4	☐	50.000	50.484	53431.00	0.0112	P	8.6
5	☐	125.000	122.887	136072.65	0.0272	P	0.4
6	☐	250.000	246.966	270810.13	0.0546	P	0.9
7	☐	500.000	495.412	545885.99	0.1096	P	0.5
8	☐	1000.000	1003.295	1073415.92	0.2218	P	2.2
9	☐			797.28	0.0002	P	4.3

$$y = 2.2106E-004 * x + 3.5452E-005$$

$$R = 1.0000$$

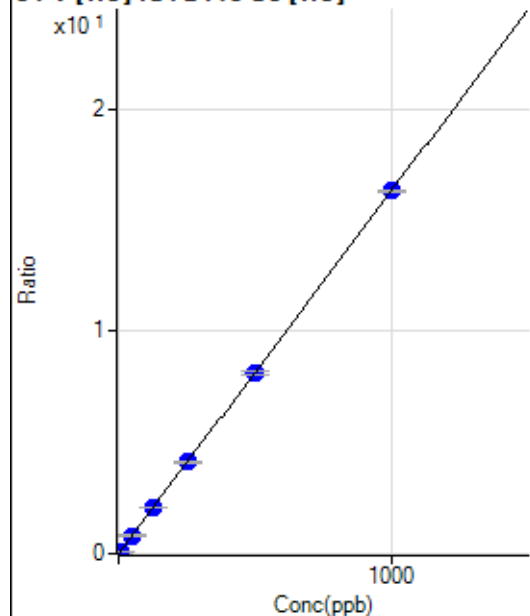
$$DL = 0.09695$$

$$BEC = 0.1604$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16.67	0.0004	P	18.9
2	☐	0.500					
3	☐	5.000	4.518	2907.02	0.0742	P	3.1
4	☐	50.000	50.292	34102.70	0.8214	P	0.2
5	☐	125.000	125.946	84960.03	2.0564	P	1.1
6	☐	250.000	253.131	167302.10	4.1326	P	1.3
7	☐	500.000	499.150	327341.53	8.1487	P	1.6
8	☐	1000.000	999.512	632799.67	16.3169	P	0.5
9	☐			148.89	0.0039	P	12.8

$$y = 0.0163 * x + 4.1299E-004$$

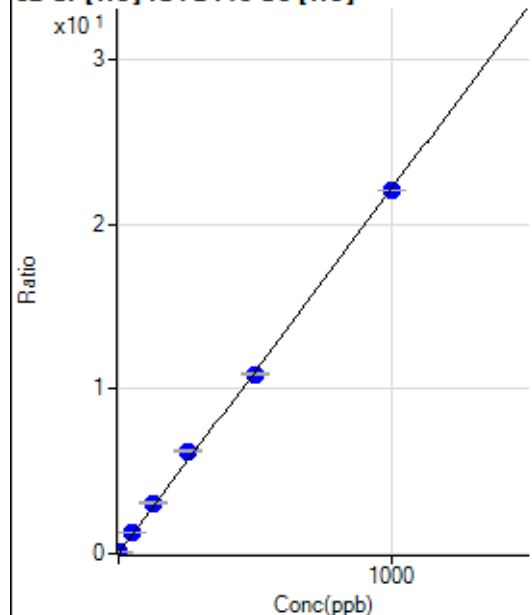
$$R = 1.0000$$

$$DL = 0.01431$$

$$BEC = 0.0253$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	656.69	0.0163	P	5.2
2	☐	0.200					
3	☐	2.000	2.020	2389.14	0.0610	P	2.4
4	☐	50.000	55.541	51677.40	1.2447	P	0.9
5	☐	125.000	138.677	127389.59	3.0834	P	0.9
6	☐	250.000	280.299	251619.76	6.2156	P	1.4
7	☐	500.000	491.944	437748.72	10.8964	P	1.0
8	☐	1000.000	994.467	853618.98	22.0105	P	0.1
9	☐			6300.40	0.1644	P	2.1

$$y = 0.0221 * x + 0.0163$$

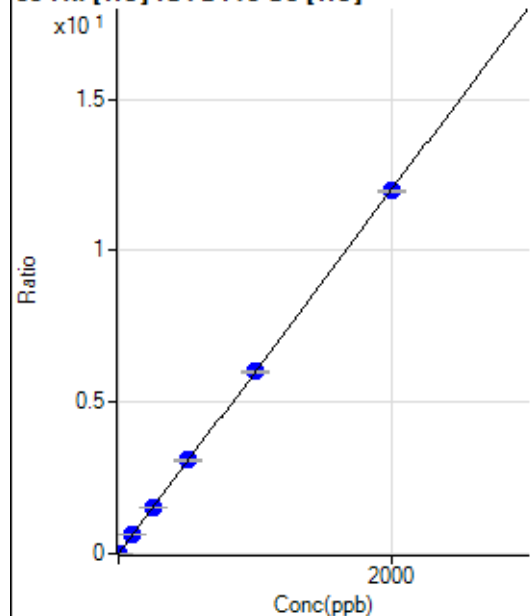
$$R = 0.9994$$

$$DL = 0.114$$

$$BEC = 0.7372$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	57.78	0.0014	P	13.1
2	☐	0.100					
3	☐	1.000	0.970	284.45	0.0073	P	4.0
4	☐	100.000	102.146	25513.50	0.6146	P	2.0
5	☐	250.000	255.817	63502.47	1.5370	P	1.4
6	☐	500.000	512.948	124708.35	3.0804	P	1.0
7	☐	1000.000	1003.013	241924.72	6.0220	P	1.1
8	☐	2000.000	1994.422	464337.92	11.9729	P	0.3
9	☐			1637.90	0.0427	P	4.4

$$y = 0.0060 * x + 0.0014$$

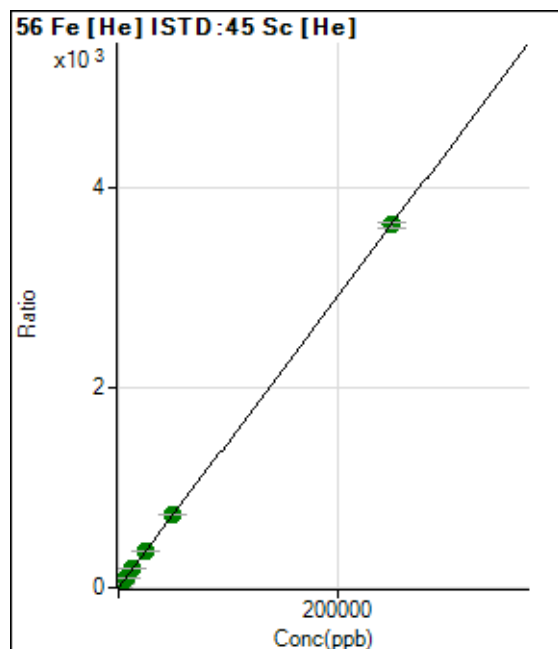
$$R = 1.0000$$

$$DL = 0.09378$$

$$BEC = 0.2391$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1513.09	0.0376	P	7.0
2	☐	5.000					
3	☐	50.000	45.195	27147.25	0.6927	P	1.3
4	☐	2500.000	2606.582	1570114.88	37.8193	A	1.1
5	☐	6250.000	6506.054	3897606.63	94.3410	A	1.4
6	☐	12500.000	12980.376	7618463.19	188.1846	A	1.3
7	☐	25000.000	25189.382	14669138.29	365.1508	A	1.0
8	☐	50000.000	50304.866	28279338.36	729.1929	A	0.8
9	☐	250000.00	249888.60	138781872.5	3,622.104	A	1.3

$$y = 0.0145 * x + 0.0376$$

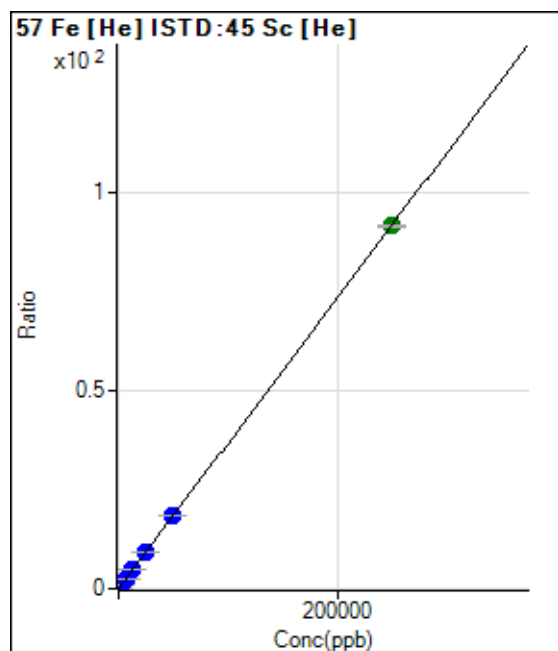
$$R = 1.0000$$

$$DL = 0.5413$$

$$BEC = 2.592$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	33.33	0.0008	P	45.5
2	☐	5.000					
3	☐	50.000	47.663	718.56	0.0183	P	9.5
4	☐	2500.000	2539.984	38745.11	0.9332	P	1.6
5	☐	6250.000	6387.301	96898.03	2.3454	P	1.5
6	☐	12500.000	12881.566	191444.88	4.7292	P	1.6
7	☐	25000.000	25139.789	370746.07	9.2287	P	1.1
8	☐	50000.000	50103.431	713272.50	18.3919	P	0.6
9	☐	250000.00	249942.42	3515479.71	91.7451	A	0.9

$$y = 3.6706E-004 * x + 8.3062E-004$$

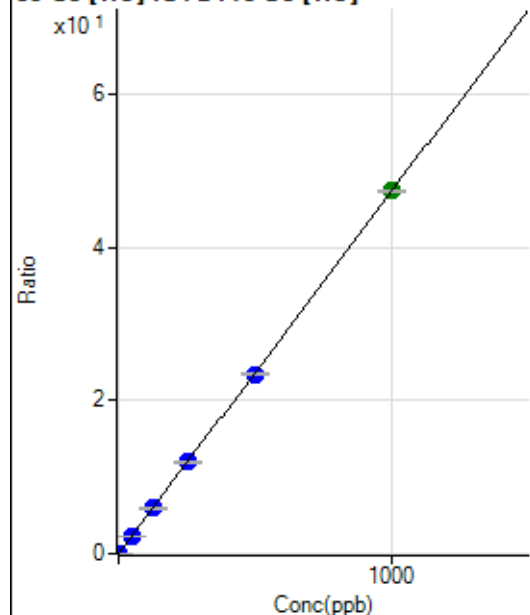
$$R = 1.0000$$

$$DL = 3.092$$

$$BEC = 2.263$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	85.56	0.0021	P	4.7
2	☐	0.100					
3	☐	1.000	0.850	1660.13	0.0424	P	4.0
4	☐	50.000	49.773	97957.76	2.3594	P	0.6
5	☐	125.000	125.004	244671.90	5.9224	P	1.7
6	☐	250.000	253.415	485957.97	12.0039	P	1.2
7	☐	500.000	495.134	942125.81	23.4518	P	0.9
8	☐	1000.000	1001.590	1839757.40	47.4376	A	0.3
9	☐			2193.55	0.0573	P	6.5

$$y = 0.0474 * x + 0.0021$$

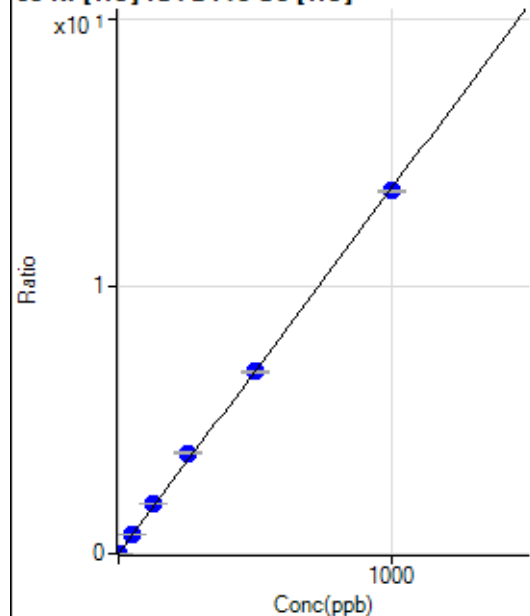
$$R = 1.0000$$

$$DL = 0.006284$$

$$BEC = 0.04482$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	214.45	0.0053	P	1.3
2	☐	0.100					
3	☐	1.000	0.994	742.25	0.0189	P	9.4
4	☐	50.000	53.849	30812.04	0.7421	P	0.9
5	☐	125.000	136.326	77283.95	1.8706	P	1.3
6	☐	250.000	275.724	152956.97	3.7779	P	0.4
7	☐	500.000	497.716	273793.74	6.8153	P	0.7
8	☐	1000.000	993.103	527177.28	13.5934	P	0.6
9	☐			1747.92	0.0456	P	4.7

$$y = 0.0137 * x + 0.0053$$

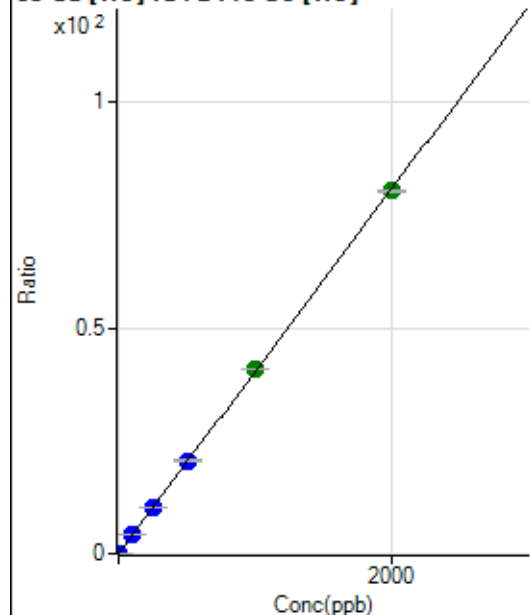
$$R = 0.9996$$

$$DL = 0.01525$$

$$BEC = 0.389$$

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	240.01	0.0060	P	3.4
2	☐	0.200					
3	☐	2.000	2.004	3404.93	0.0869	P	1.8
4	☐	100.000	101.197	169877.89	4.0918	P	1.2
5	☐	250.000	253.070	422385.07	10.2236	P	1.1
6	☐	500.000	508.790	831835.24	20.5482	P	1.5
7	☐	1000.000	1013.927	1644826.10	40.9429	A	0.7
8	☐	2000.000	1990.395	3116811.55	80.3675	A	0.5
9	☐			4990.98	0.1303	P	4.3

$$y = 0.0404 * x + 0.0060$$

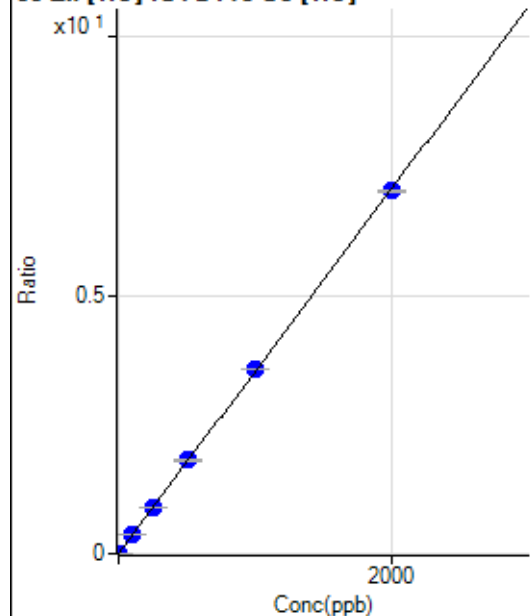
$$R = 1.0000$$

$$DL = 0.01505$$

$$BEC = 0.1476$$

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	54.45	0.0014	P	18.7
2	☐	0.200					
3	☐	2.000	1.851	308.90	0.0079	P	7.5
4	☐	100.000	100.737	14822.54	0.3570	P	1.5
5	☐	250.000	254.304	37152.11	0.8992	P	0.4
6	☐	500.000	514.470	73585.05	1.8177	P	1.5
7	☐	1000.000	1012.274	143626.67	3.5753	P	1.0
8	☐	2000.000	1989.671	272485.47	7.0261	P	0.5
9	☐			1206.74	0.0315	P	3.2

$$y = 0.0035 * x + 0.0014$$

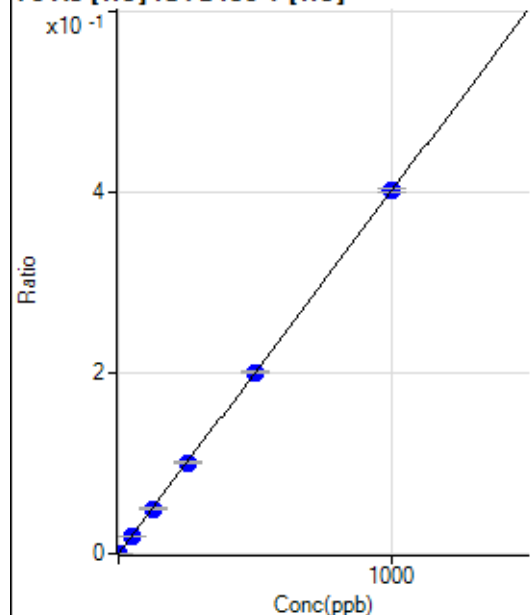
$$R = 0.9999$$

$$DL = 0.2146$$

$$BEC = 0.3828$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	8.02	0.0000	P	58.2
2	☐	0.100					
3	☐	1.000	0.856	98.15	0.0004	P	9.0
4	☐	50.000	49.837	5593.77	0.0201	P	0.9
5	☐	125.000	124.051	13906.46	0.0499	P	1.7
6	☐	250.000	250.464	27557.12	0.1007	P	1.5
7	☐	500.000	499.850	53442.24	0.2009	P	1.0
8	☐	1000.000	1000.086	103043.85	0.4018	P	0.9
9	☐			38.27	0.0001	P	20.8

$$y = 4.0178\text{E-}004 * x + 2.9666\text{E-}005$$

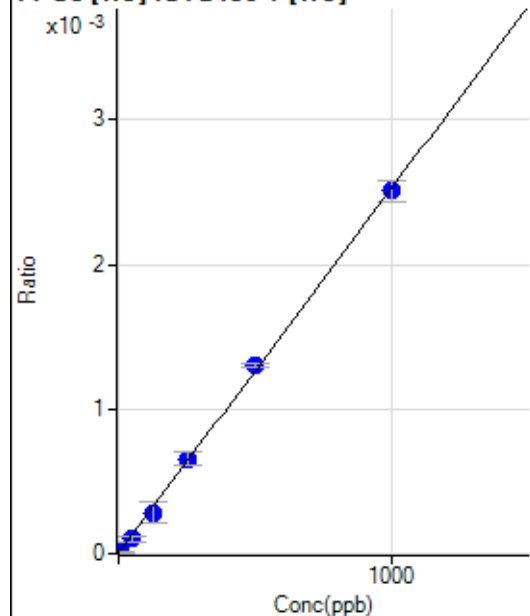
$$R = 1.0000$$

$$DL = 0.129$$

$$BEC = 0.07384$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.2
2	☐	0.500					
3	☐	5.000	3.398	3.33	0.0000	P	98.6
4	☐	50.000	37.921	27.78	0.0001	P	45.8
5	☐	125.000	109.363	77.78	0.0003	P	52.7
6	☐	250.000	257.717	178.90	0.0007	P	13.5
7	☐	500.000	514.961	346.68	0.0013	P	1.1
8	☐	1000.000	993.157	643.36	0.0025	P	5.7
9	☐			3.33	0.0000	P	173.2

$$y = 2.5222\text{E-}006 * x + 4.0962\text{E-}006$$

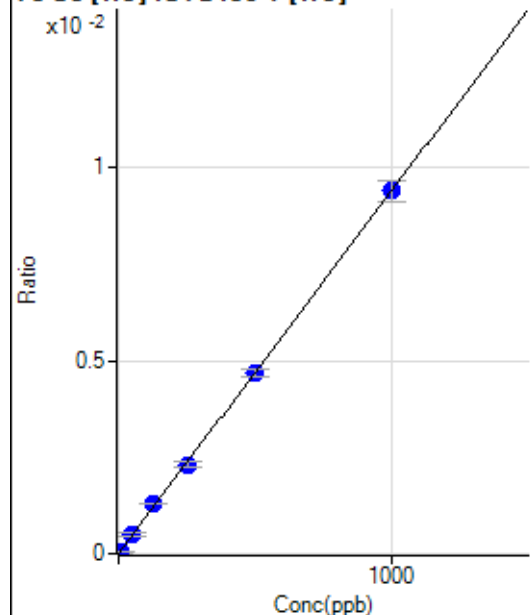
$$R = 0.9996$$

$$DL = 8.439$$

$$BEC = 1.624$$

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	1.23	0.0000	P	86.6
2	☐	0.500					
3	☐	5.000	5.552	14.81	0.0001	P	39.7
4	☐	50.000	53.893	142.59	0.0005	P	20.5
5	☐	125.000	136.863	359.89	0.0013	P	1.8
6	☐	250.000	244.461	629.65	0.0023	P	7.0
7	☐	500.000	499.006	1248.84	0.0047	P	4.2
8	☐	1000.000	1000.201	2410.11	0.0094	P	5.8
9	☐			1.85	0.0000	P	173.2

$$y = 9.3954\text{E-}006 * x + 4.5535\text{E-}006$$

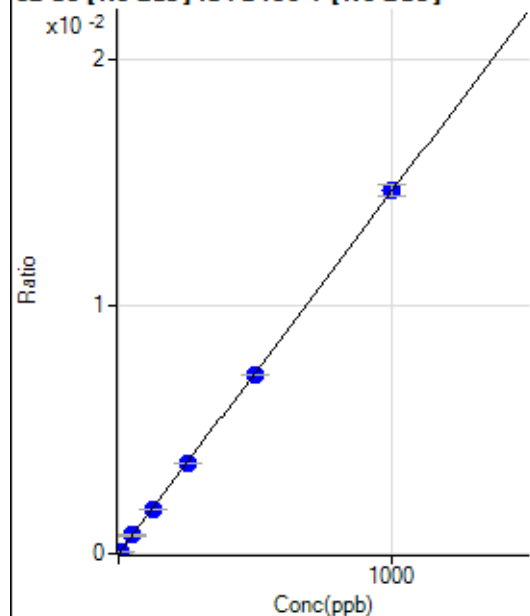
$$R = 0.9999$$

$$DL = 1.259$$

$$BEC = 0.4847$$

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	-25.40	0.0000	P	-104.
2	☐	0.500					
3	☐	5.000	4.857	587.90	0.0001	P	8.2
4	☐	50.000	51.756	6595.01	0.0008	P	6.9
5	☐	125.000	124.024	16543.25	0.0018	P	0.1
6	☐	250.000	248.634	33183.19	0.0036	P	0.8
7	☐	500.000	494.585	66561.21	0.0072	P	0.3
8	☐	1000.000	1003.084	130064.61	0.0147	P	3.2
9	☐			27.90	0.0000	P	193.9

$$y = 1.4637\text{E-}005 * x - 2.8793\text{E-}006$$

$$R = 1.0000$$

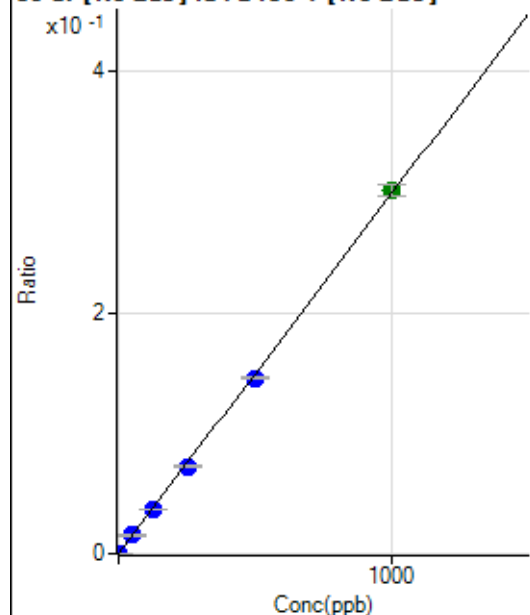
$$DL = 0.6184$$

$$BEC = -0.1967$$

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	961.19	0.0001	P	8.3
2	☐	0.100					
3	☐	1.000	0.967	3431.15	0.0004	P	3.8
4	☐	50.000	51.237	134521.19	0.0154	P	7.1
5	☐	125.000	122.986	335859.32	0.0368	P	0.9
6	☐	250.000	242.559	661290.28	0.0725	P	0.8
7	☐	500.000	487.725	1339295.76	0.1456	P	0.6
8	☐	1000.000	1008.188	2665876.86	0.3009	A	3.0
9	☐			86733.30	0.0101	P	4.5

$$y = 2.9832E-004 * x + 1.0917E-004$$

$$R = 0.9998$$

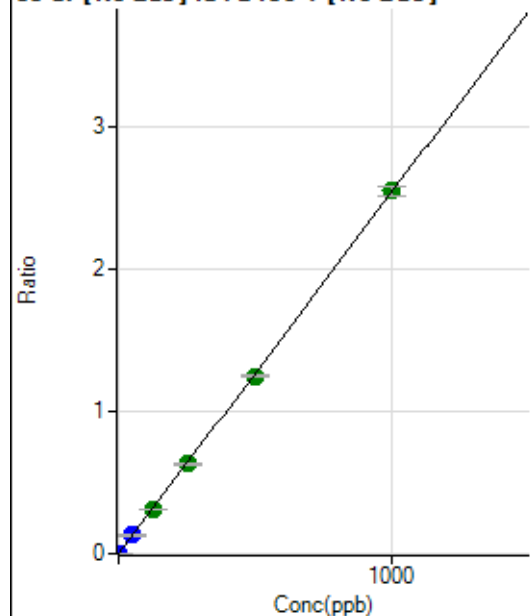
$$DL = 0.09059$$

$$BEC = 0.366$$

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	461.14	0.0001	P	31.2
2	☐	0.100					
3	☐	1.000	0.910	20396.64	0.0024	P	3.0
4	☐	50.000	51.670	1147844.51	0.1313	P	6.5
5	☐	125.000	124.557	2888942.69	0.3165	A	0.8
6	☐	250.000	247.926	5748540.45	0.6300	A	0.7
7	☐	500.000	491.687	11490789.75	1.2493	A	1.1
8	☐	1000.000	1004.647	22619452.42	2.5526	A	2.6
9	☐			739724.12	0.0859	P	5.0

$$y = 0.0025 * x + 5.2385E-005$$

$$R = 0.9999$$

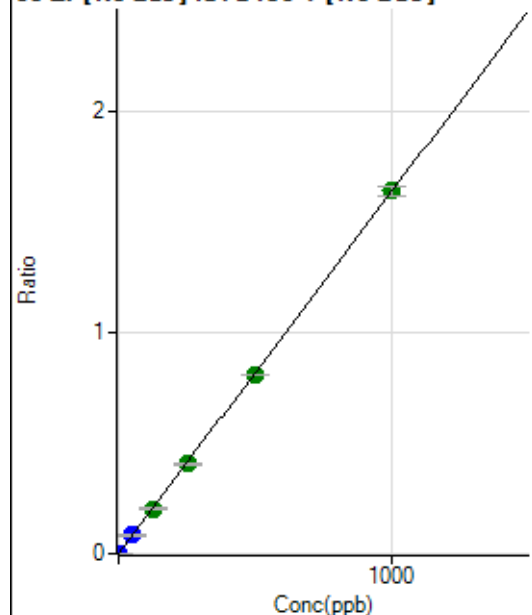
$$DL = 0.01931$$

$$BEC = 0.02062$$

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	511.15	0.0001	P	13.5
2	☐	0.100					
3	☐	1.000	0.870	12776.05	0.0015	P	2.4
4	☐	50.000	50.588	722715.10	0.0827	P	7.2
5	☐	125.000	124.374	1855085.52	0.2033	A	2.1
6	☐	250.000	247.701	3693487.19	0.4048	A	0.5
7	☐	500.000	495.701	7449922.39	0.8099	A	0.4
8	☐	1000.000	1002.773	14518381.75	1.6384	A	2.6
9	☐			2767.07	0.0003	P	7.3

$$y = 0.0016 * x + 5.8068E-005$$

$$R = 1.0000$$

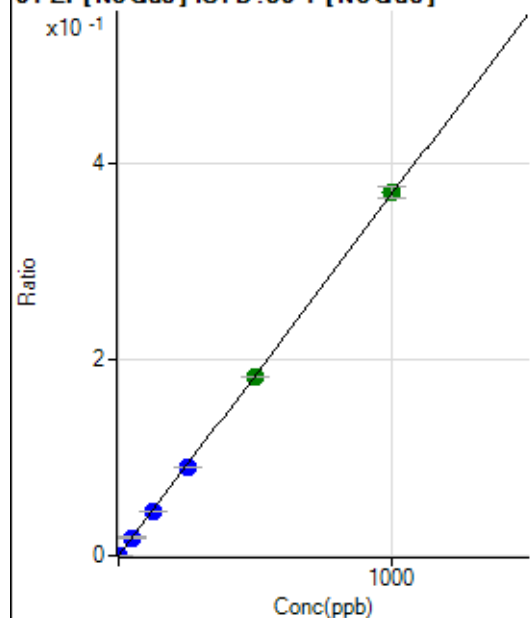
$$DL = 0.01441$$

$$BEC = 0.03554$$

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	21.3
2	☐	0.100					
3	☐	1.000	0.801	2672.61	0.0003	P	5.8
4	☐	50.000	49.912	160556.33	0.0184	P	7.0
5	☐	125.000	120.386	404276.75	0.0443	P	0.5
6	☐	250.000	243.266	816607.59	0.0895	P	0.8
7	☐	500.000	495.655	1676974.17	0.1823	A	0.7
8	☐	1000.000	1004.437	3273378.48	0.3695	A	3.3
9	☐			633.38	0.0001	P	19.3

$$y = 3.6780E-004 * x + 1.5138E-005$$

$$R = 1.0000$$

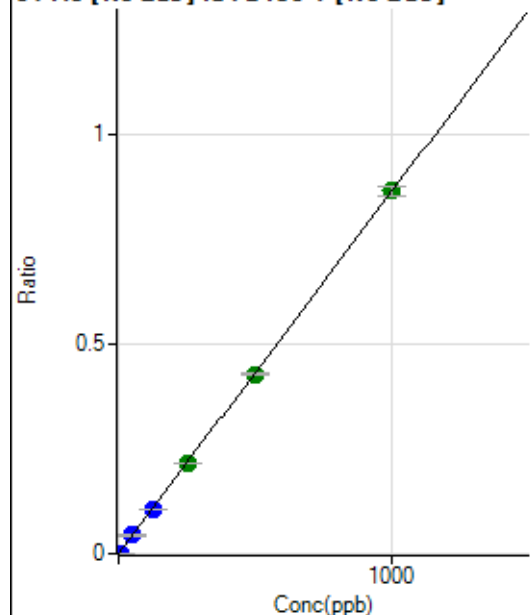
$$DL = 0.02635$$

$$BEC = 0.04116$$

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	241.68	0.0000	P	15.3
2	☐	0.500					
3	☐	5.000	1.907	14463.82	0.0017	P	3.8
4	☐	50.000	50.760	384192.75	0.0439	P	6.0
5	☐	125.000	122.432	967189.39	0.1060	P	0.1
6	☐	250.000	249.564	1970762.93	0.2160	A	0.8
7	☐	500.000	496.061	3948297.70	0.4293	A	0.6
8	☐	1000.000	1002.377	7686254.51	0.8674	A	2.4
9	☐			4248.12	0.0005	P	11.2

$$y = 8.6527\text{E-}004 * x + 2.7457\text{E-}005$$

$$R = 1.0000$$

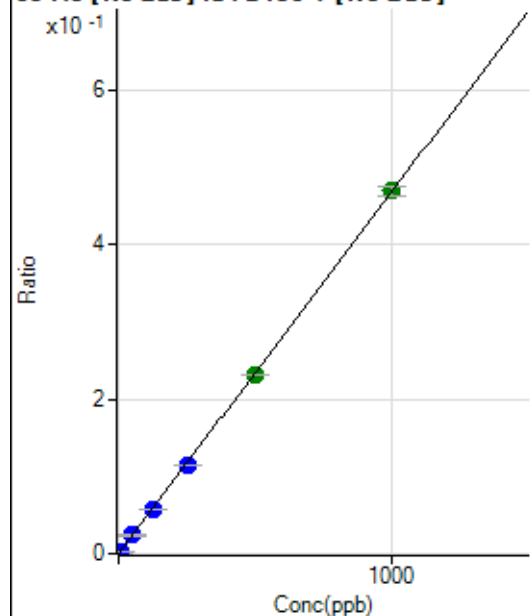
$$DL = 0.0146$$

$$BEC = 0.03173$$

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	61.11	0.0000	P	21.2
2	☐	0.500					
3	☐	5.000	4.378	17729.01	0.0021	P	3.7
4	☐	50.000	50.912	208259.56	0.0238	P	5.8
5	☐	125.000	122.745	524099.90	0.0574	P	0.8
6	☐	250.000	246.485	1052154.98	0.1153	P	0.6
7	☐	500.000	495.331	2131217.69	0.2317	A	0.4
8	☐	1000.000	1003.453	4159320.40	0.4694	A	2.6
9	☐			5270.72	0.0006	P	7.4

$$y = 4.6776\text{E-}004 * x + 6.9443\text{E-}006$$

$$R = 1.0000$$

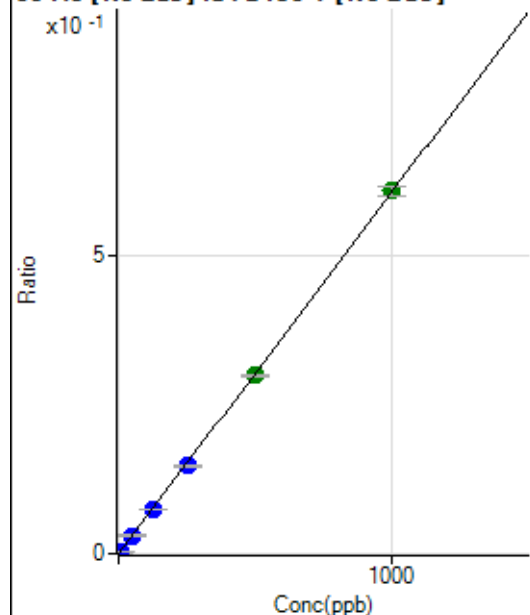
$$DL = 0.009429$$

$$BEC = 0.01485$$

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	147.23	0.0000	P	19.7
2	☐	0.500					
3	☐	5.000	3.650	19214.37	0.0022	P	1.7
4	☐	50.000	50.384	266844.71	0.0305	P	6.6
5	☐	125.000	121.350	670942.48	0.0735	P	0.8
6	☐	250.000	243.450	1345606.65	0.1475	P	1.2
7	☐	500.000	494.102	2752621.42	0.2993	A	1.0
8	☐	1000.000	1005.030	5393959.41	0.6087	A	2.5
9	☐			8289.02	0.0010	P	9.0

$$y = 6.0564\text{E-}004 * x + 1.6719\text{E-}005$$

$$R = 0.9999$$

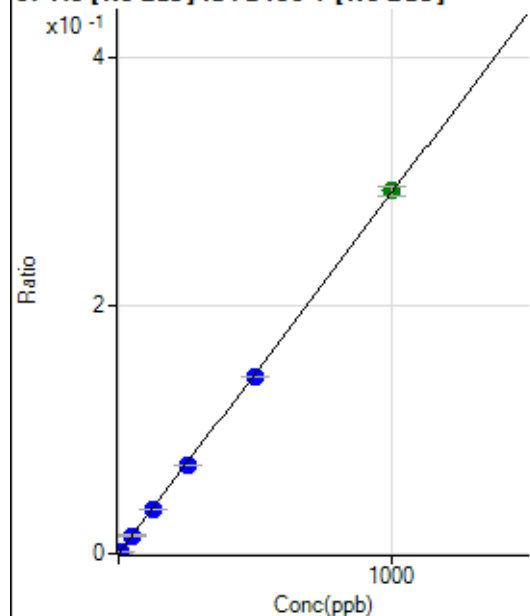
$$DL = 0.01633$$

$$BEC = 0.02761$$

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	80.56	0.0000	P	21.3
2	☐	0.500					
3	☐	5.000	4.208	10640.74	0.0012	P	1.1
4	☐	50.000	50.424	128235.57	0.0147	P	6.7
5	☐	125.000	122.622	325556.65	0.0357	P	0.7
6	☐	250.000	246.364	653862.52	0.0717	P	0.7
7	☐	500.000	490.665	1312554.97	0.1427	P	0.7
8	☐	1000.000	1005.856	2592072.95	0.2925	A	2.7
9	☐			3358.91	0.0004	P	10.2

$$y = 2.9081\text{E-}004 * x + 9.1463\text{E-}006$$

$$R = 0.9999$$

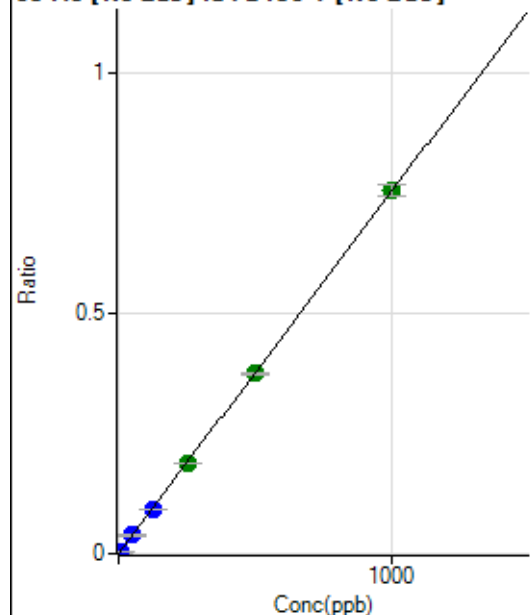
$$DL = 0.02006$$

$$BEC = 0.03145$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	91.67	0.0000	P	33.0
2	☐	0.500					
3	☐	5.000	4.294	28035.46	0.0032	P	1.7
4	☐	50.000	50.570	333489.22	0.0382	P	6.6
5	☐	125.000	122.573	844017.25	0.0925	P	0.5
6	☐	250.000	250.809	1726513.54	0.1892	A	0.8
7	☐	500.000	496.560	3445484.89	0.3746	A	0.5
8	☐	1000.000	1001.796	6695670.46	0.7557	A	3.3
9	☐			8533.68	0.0010	P	8.1

$$y = 7.5435\text{E-}004 * x + 1.0419\text{E-}005$$

$$R = 1.0000$$

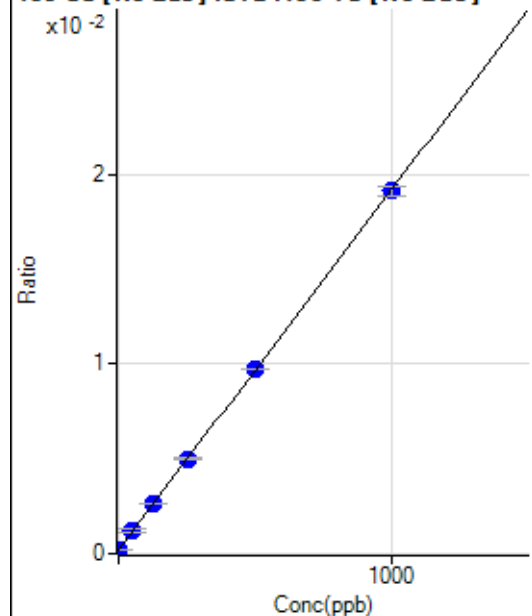
$$DL = 0.01369$$

$$BEC = 0.01381$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2122.50	0.0002	P	9.3
2	☐	0.100					
3	☐	1.000	1.076	2308.64	0.0002	P	2.7
4	☐	50.000	53.062	12789.95	0.0012	P	11.0
5	☐	125.000	128.020	29502.64	0.0026	P	2.2
6	☐	250.000	253.734	57079.99	0.0050	P	0.2
7	☐	500.000	502.841	113592.78	0.0098	P	0.6
8	☐	1000.000	997.115	222178.87	0.0192	P	2.4
9	☐			2064.14	0.0002	P	5.7

$$y = 1.9009\text{E-}005 * x + 1.9847\text{E-}004$$

$$R = 1.0000$$

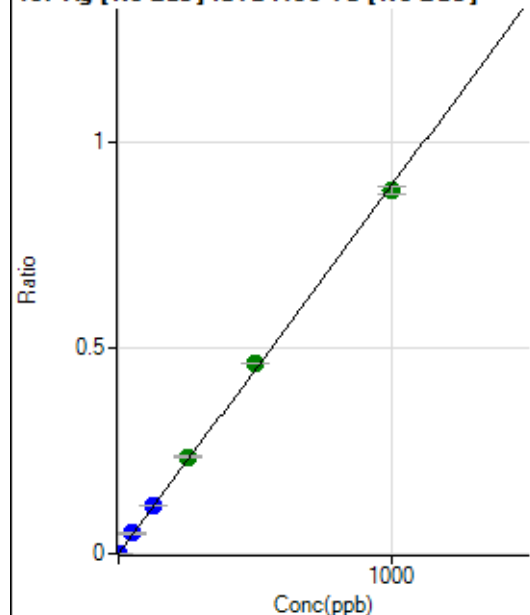
$$DL = 2.9$$

$$BEC = 10.44$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	100.01	0.0000	P	15.4
2	☐	0.100					
3	☐	1.000	1.232	11716.70	0.0011	P	2.6
4	☐	50.000	55.350	525751.77	0.0495	P	6.7
5	☐	125.000	131.720	1321361.02	0.1179	P	0.4
6	☐	250.000	263.848	2683933.85	0.2361	A	1.0
7	☐	500.000	519.052	5407792.52	0.4645	A	0.3
8	☐	1000.000	985.904	10235403.70	0.8823	A	2.0
9	☐			1177.89	0.0001	P	5.9

$$y = 8.9490\text{E-}004 * x + 9.3452\text{E-}006$$

$$R = 0.9996$$

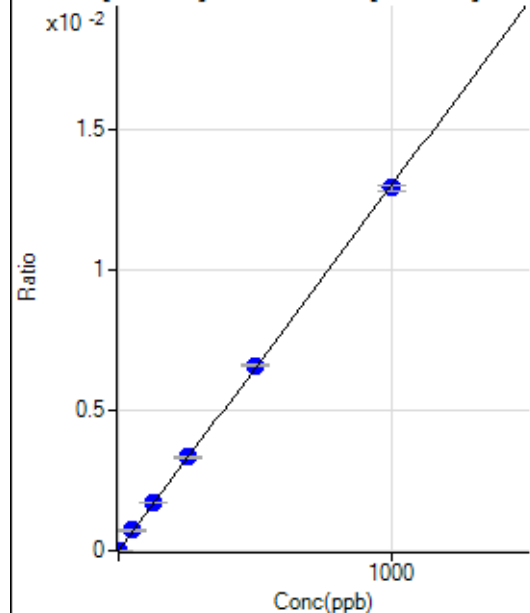
$$DL = 0.004838$$

$$BEC = 0.01044$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16.67	0.0000	P	24.2
2	☐	0.100					
3	☐	1.000	1.002	154.17	0.0000	P	31.3
4	☐	50.000	55.943	7738.49	0.0007	P	5.0
5	☐	125.000	130.947	19094.37	0.0017	P	2.1
6	☐	250.000	257.755	38099.78	0.0034	P	2.0
7	☐	500.000	507.675	76835.46	0.0066	P	1.1
8	☐	1000.000	993.183	149778.88	0.0129	P	1.7
9	☐			38.89	0.0000	P	40.8

$$y = 1.2998\text{E-}005 * x + 1.5578\text{E-}006$$

$$R = 0.9999$$

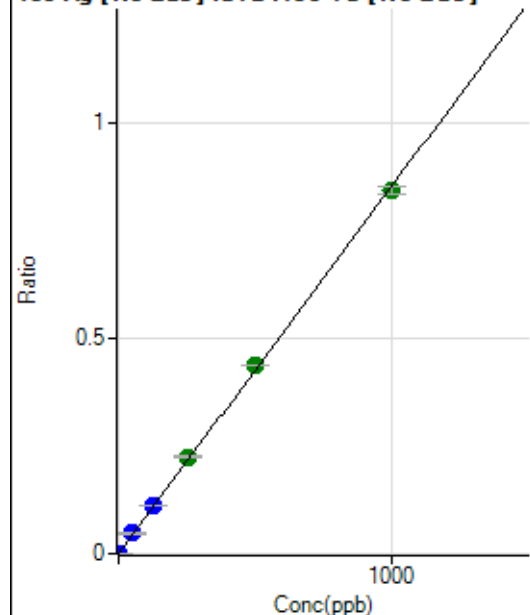
$$DL = 0.08701$$

$$BEC = 0.1199$$

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	52.78	0.0000	P	48.8
2	☐	0.100					
3	☐	1.000	1.243	11241.30	0.0011	P	1.9
4	☐	50.000	55.062	498909.99	0.0470	P	6.8
5	☐	125.000	131.854	1261831.55	0.1126	P	0.6
6	☐	250.000	264.340	2565227.99	0.2257	A	0.5
7	☐	500.000	514.146	5110195.90	0.4390	A	0.5
8	☐	1000.000	988.232	9787471.92	0.8437	A	2.1
9	☐			1083.43	0.0001	P	6.6

$$y = 8.5374\text{E-}004 * x + 4.9438\text{E-}006$$

$$R = 0.9997$$

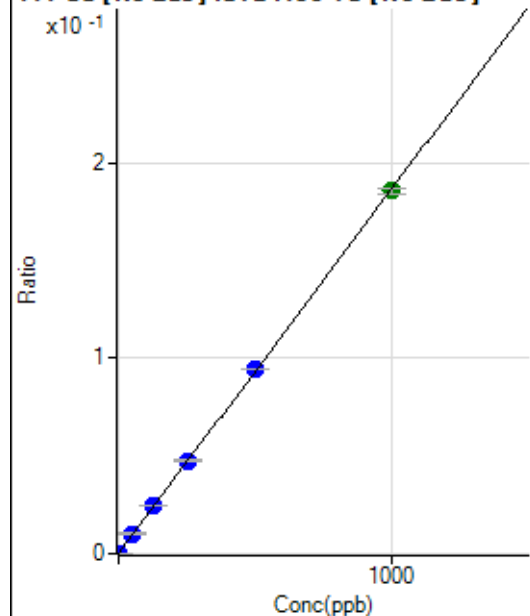
$$DL = 0.00847$$

$$BEC = 0.005791$$

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	1490.75	0.0001	P	9.3
2	☐	0.100					
3	☐	1.000	0.961	3361.08	0.0003	P	2.6
4	☐	50.000	54.323	108989.33	0.0103	P	7.3
5	☐	125.000	129.836	273017.55	0.0244	P	0.9
6	☐	250.000	255.085	542405.23	0.0477	P	0.6
7	☐	500.000	504.753	1097692.21	0.0943	P	0.5
8	☐	1000.000	995.532	2156025.87	0.1858	A	1.4
9	☐			1734.35	0.0002	P	6.3

$$y = 1.8653\text{E-}004 * x + 1.3939\text{E-}004$$

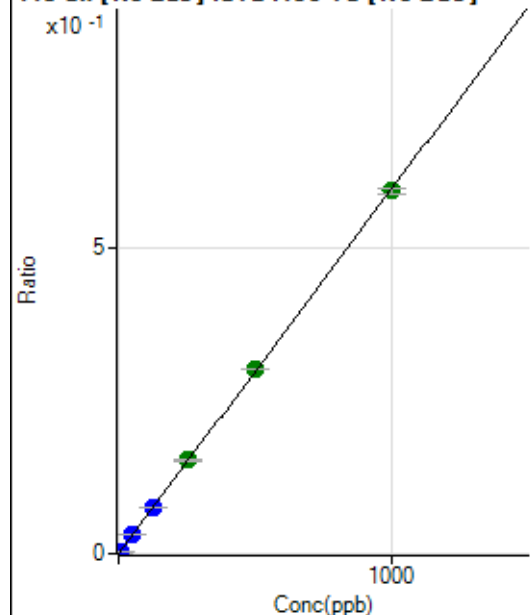
$$R = 1.0000$$

$$DL = 0.2085$$

$$BEC = 0.7473$$

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	705.61	0.0001	P	7.8
2	☐	0.500					
3	☐	5.000	4.602	29656.10	0.0028	P	2.4
4	☐	50.000	53.590	340301.00	0.0321	P	6.0
5	☐	125.000	128.049	857571.97	0.0765	P	0.4
6	☐	250.000	256.021	1737977.53	0.1529	A	0.7
7	☐	500.000	505.395	3513265.66	0.3018	A	0.3
8	☐	1000.000	995.239	6893354.84	0.5942	A	1.9
9	☐			5668.13	0.0005	P	9.4

$$y = 5.9697\text{E-}004 * x + 6.6014\text{E-}005$$

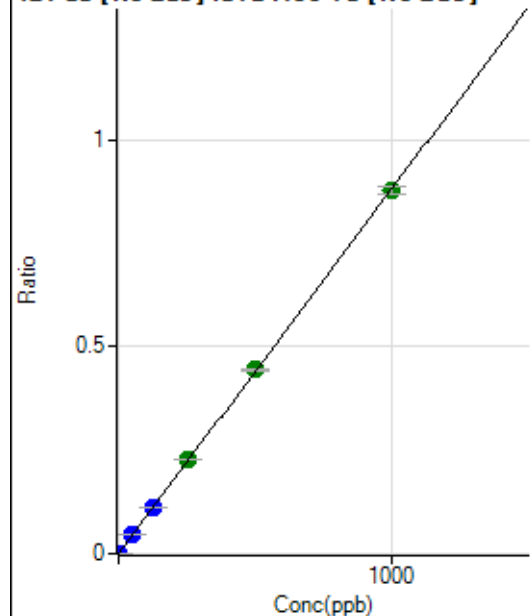
$$R = 1.0000$$

$$DL = 0.02573$$

$$BEC = 0.1106$$

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	33.33	0.0000	P	43.4
2	☐	0.200					
3	☐	2.000	1.813	16858.59	0.0016	P	3.2
4	☐	50.000	53.349	498303.67	0.0470	P	6.8
5	☐	125.000	128.390	1266624.72	0.1130	P	0.3
6	☐	250.000	257.185	2572946.65	0.2264	A	0.7
7	☐	500.000	504.038	5164515.78	0.4436	A	0.6
8	☐	1000.000	995.594	10165011.95	0.8762	A	2.2
9	☐			21481.97	0.0019	P	9.6

$$y = 8.8012\text{E-}004 * x + 3.1200\text{E-}006$$

$$R = 1.0000$$

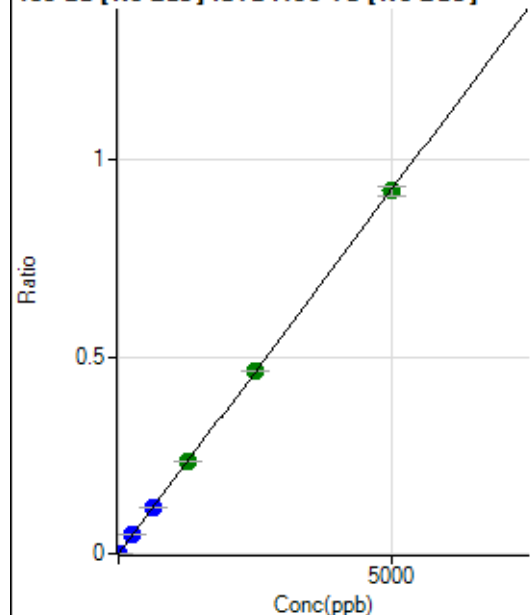
$$DL = 0.004618$$

$$BEC = 0.003545$$

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	69.45	0.0000	P	14.9
2	☐	1.000					
3	☐	10.000	9.042	17701.46	0.0017	P	2.3
4	☐	250.000	261.779	513948.59	0.0484	P	6.3
5	☐	625.000	633.303	1312886.22	0.1171	P	0.2
6	☐	1250.000	1269.957	2669711.26	0.2349	A	1.0
7	☐	2500.000	2513.705	5412238.71	0.4649	A	0.4
8	☐	5000.000	4986.533	10697824.72	0.9222	A	2.6
9	☐			3297.78	0.0003	P	5.9

$$y = 1.8494\text{E-}004 * x + 6.5051\text{E-}006$$

$$R = 1.0000$$

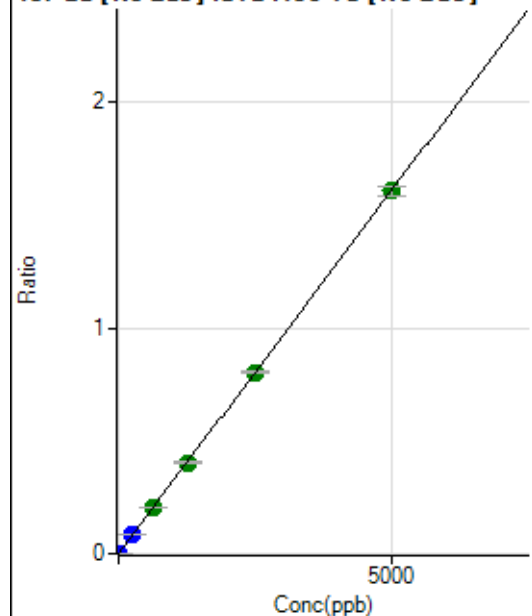
$$DL = 0.01569$$

$$BEC = 0.03517$$

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	72.23	0.0000	P	18.4
2	☐	1.000					
3	☐	10.000	8.956	30424.73	0.0029	P	1.4
4	☐	250.000	262.772	896361.83	0.0845	P	6.6
5	☐	625.000	641.098	2309621.04	0.2061	A	0.4
6	☐	1250.000	1257.364	4593532.22	0.4041	A	0.7
7	☐	2500.000	2496.882	9342598.04	0.8025	A	0.7
8	☐	5000.000	4997.069	18630296.95	1.6061	A	2.6
9	☐			5620.94	0.0005	P	8.5

$$y = 3.2140\text{E-}004 * x + 6.7655\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.01161$$

$$BEC = 0.02105$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	86.6
2	☐						
3	☐			17.78		P	114.6
4	☐			44.45		P	8.7
5	☐			60.00		P	22.2
6	☐			91.12		P	27.7
7	☐			204.45		P	15.4
8	☐			342.24		P	14.4
9	☐			97.78		P	19.7

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			0.00		P	
5	☐			2.22		P	86.6
6	☐			2.22		P	86.6
7	☐			5.56		P	34.7
8	☐			4.44		P	114.6
9	☐			10.00		P	33.3

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	45.8
2	☐						
3	☐			13.89		P	124.9
4	☐			36.11		P	53.3
5	☐			47.23		P	44.4
6	☐			63.89		P	32.8
7	☐			83.34		P	26.5
8	☐			147.23		P	31.2
9	☐			111.12		P	48.8

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐						
3	☐			2.22		P	173.2
4	☐			3.33		P	100.1
5	☐			4.45		P	86.6
6	☐			3.33		P	173.2
7	☐			20.00		P	50.0
8	☐			20.00		P	16.7
9	☐			13.33		P	NaN

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

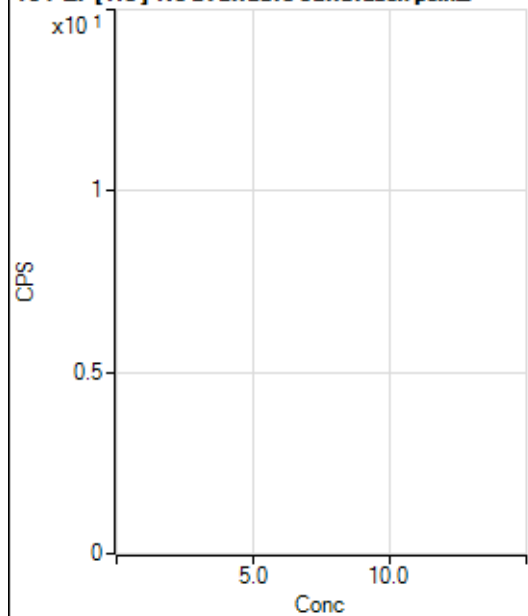
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			72.23		P	63.6
2	☐						
3	☐			72.23		P	46.6
4	☐			83.34		P	26.5
5	☐			69.45		P	6.9
6	☐			83.34		P	10.0
7	☐			111.11		P	8.7
8	☐			150.01		P	20.0
9	☐			136.12		P	14.1

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	86.6
2	☐						
3	☐			13.33		P	75.0
4	☐			13.33		P	50.0
5	☐			17.78		P	28.6
6	☐			8.89		P	21.6
7	☐			22.22		P	69.3
8	☐			25.55		P	41.9
9	☐			31.11		P	37.6

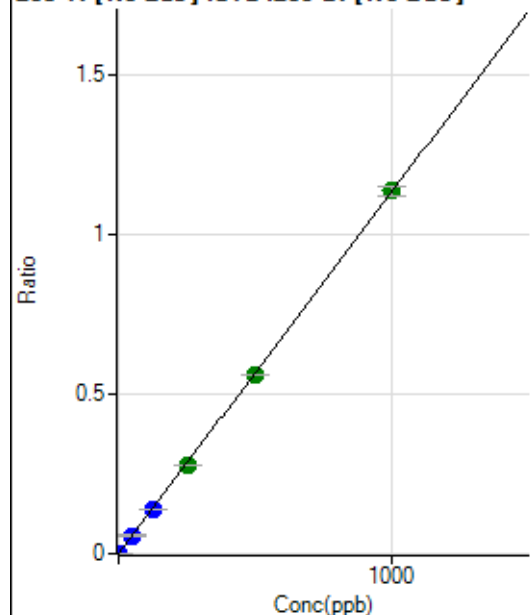
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			47.22		P	36.7
2	☐						
3	☐			52.78		P	24.1
4	☐			47.22		P	44.4
5	☐			38.89		P	75.3
6	☐			41.67		P	60.0
7	☐			41.67		P	40.0
8	☐			52.78		P	59.8
9	☐			116.68		P	18.9

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	50.0
2	☐						
3	☐			11.11		P	45.8
4	☐			10.00		P	115.5
5	☐			7.78		P	65.5
6	☐			4.44		P	114.6
7	☐			5.56		P	34.7
8	☐			5.56		P	34.7
9	☐			12.22		P	83.3

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	238.90	0.0000	P	1.9
2	☐	0.100					
3	☐	1.000	0.911	6607.58	0.0011	P	4.3
4	☐	50.000	50.074	359825.43	0.0567	P	7.7
5	☐	125.000	120.807	913517.85	0.1367	P	0.4
6	☐	250.000	246.120	1902187.19	0.2784	A	0.8
7	☐	500.000	496.049	3968206.86	0.5611	A	0.2
8	☐	1000.000	1003.466	7911280.56	1.1351	A	2.4
9	☐			2956.03	0.0005	P	10.6

$$y = 0.0011 * x + 3.7099E-005$$

$$R = 1.0000$$

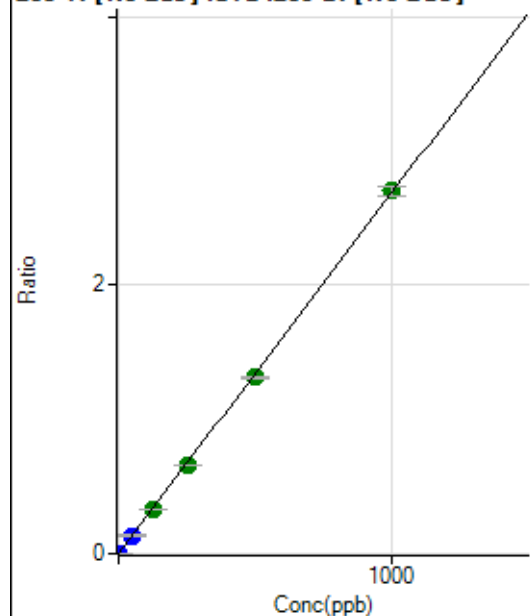
$$DL = 0.001902$$

$$BEC = 0.0328$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	550.04	0.0001	P	15.3
2	☐	0.100					
3	☐	1.000	0.899	15493.41	0.0025	P	1.9
4	☐	50.000	50.167	856329.26	0.1349	P	7.4
5	☐	125.000	122.827	2205873.16	0.3301	A	1.5
6	☐	250.000	246.267	4520545.41	0.6617	A	0.8
7	☐	500.000	488.935	9289842.66	1.3136	A	0.5
8	☐	1000.000	1006.729	18850711.36	2.7047	A	2.6
9	☐			6916.08	0.0011	P	14.7

$$y = 0.0027 * x + 8.5433E-005$$

$$R = 0.9999$$

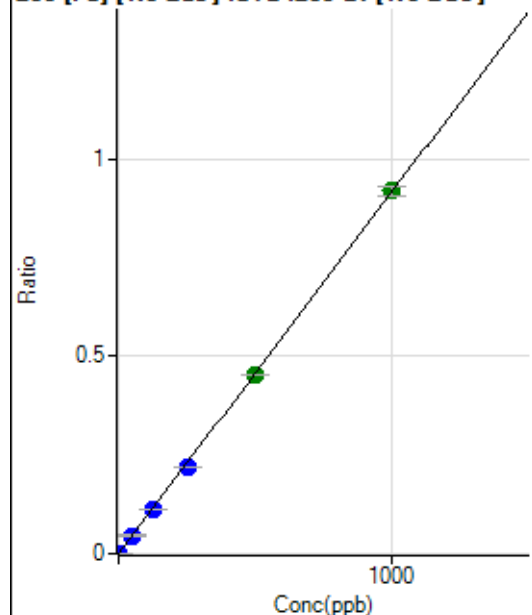
$$DL = 0.01463$$

$$BEC = 0.0318$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	800.05	0.0001	P	17.5
2	☐	0.100					
3	☐	1.000	1.107	7055.86	0.0011	P	3.3
4	☐	50.000	50.234	292885.97	0.0461	P	7.7
5	☐	125.000	121.582	745040.68	0.1115	P	0.4
6	☐	250.000	241.796	1513796.10	0.2216	P	0.2
7	☐	500.000	496.484	3216503.92	0.4548	A	0.4
8	☐	1000.000	1004.225	6410751.30	0.9198	A	2.8
9	☐			10554.69	0.0016	P	4.4

$$y = 9.1585\text{E-}004 * x + 1.2421\text{E-}004$$

$$R = 0.9999$$

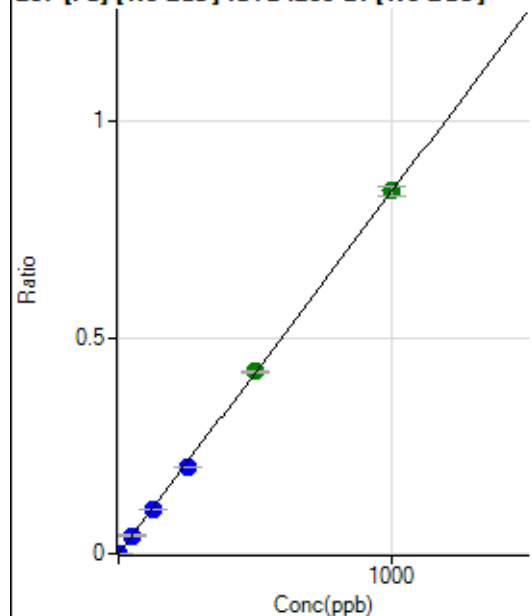
$$DL = 0.07132$$

$$BEC = 0.1356$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	585.22	0.0001	P	6.8
2	☐	0.100					
3	☐	1.000	1.076	6147.98	0.0010	P	3.6
4	☐	50.000	49.690	264562.89	0.0417	P	8.2
5	☐	125.000	120.120	672564.33	0.1006	P	0.3
6	☐	250.000	238.511	1364502.56	0.1997	P	0.3
7	☐	500.000	502.163	2972986.03	0.4204	A	0.2
8	☐	1000.000	1002.416	5848334.56	0.8391	A	2.4
9	☐			8845.91	0.0014	P	2.5

$$y = 8.3699\text{E-}004 * x + 9.0881\text{E-}005$$

$$R = 0.9999$$

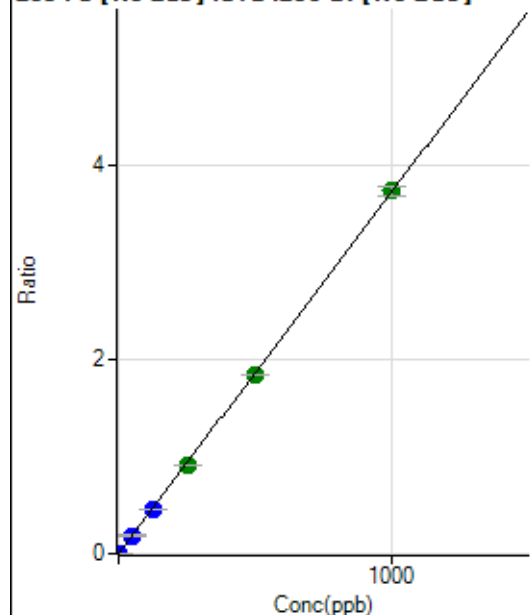
$$DL = 0.02223$$

$$BEC = 0.1086$$

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	2777.98	0.0004	P	4.9
2	☐	0.100					
3	☐	1.000	1.107	28231.69	0.0046	P	2.3
4	☐	50.000	49.929	1183093.65	0.1863	P	7.6
5	☐	125.000	121.067	3015671.90	0.4512	P	0.2
6	☐	250.000	244.321	6218046.80	0.9101	A	0.1
7	☐	500.000	496.665	13080965.80	1.8497	A	0.1
8	☐	1000.000	1003.582	26045975.64	3.7372	A	2.7
9	☐			40943.51	0.0063	P	3.9

$$y = 0.0037 * x + 4.3136E-004$$

$$R = 1.0000$$

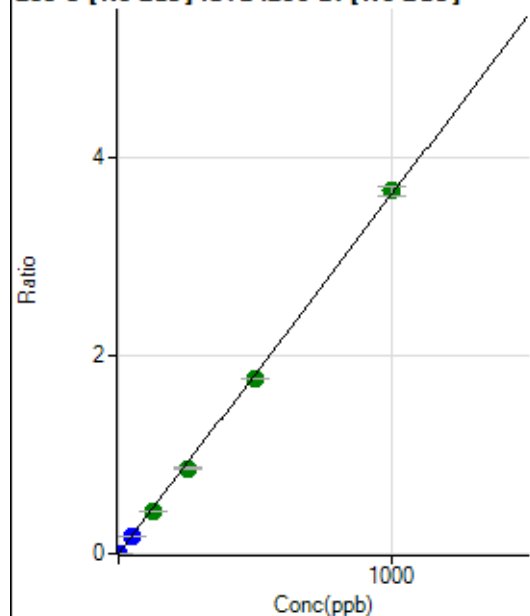
$$DL = 0.01696$$

$$BEC = 0.1159$$

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	111.12	0.0000	P	26.5
2	☐	0.100					
3	☐	1.000	0.845	19043.22	0.0031	P	4.7
4	☐	50.000	48.219	1107762.63	0.1745	P	7.9
5	☐	125.000	118.049	2854936.67	0.4272	A	0.9
6	☐	250.000	237.853	5880443.79	0.8607	A	1.1
7	☐	500.000	487.134	12465485.17	1.7627	A	0.4
8	☐	1000.000	1010.428	25481180.08	3.6562	A	2.8
9	☐			2411.47	0.0004	P	5.1

$$y = 0.0036 * x + 1.7261E-005$$

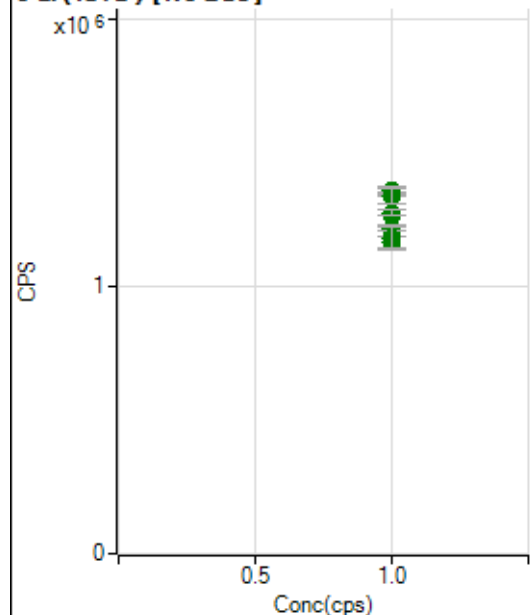
$$R = 0.9998$$

$$DL = 0.003792$$

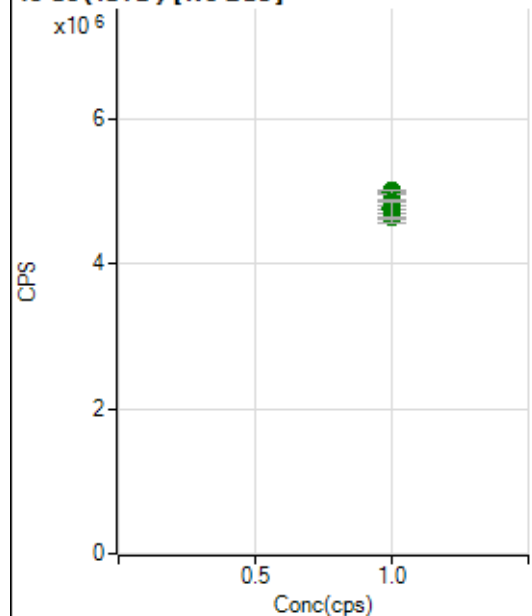
$$BEC = 0.00477$$

Weight: <None>

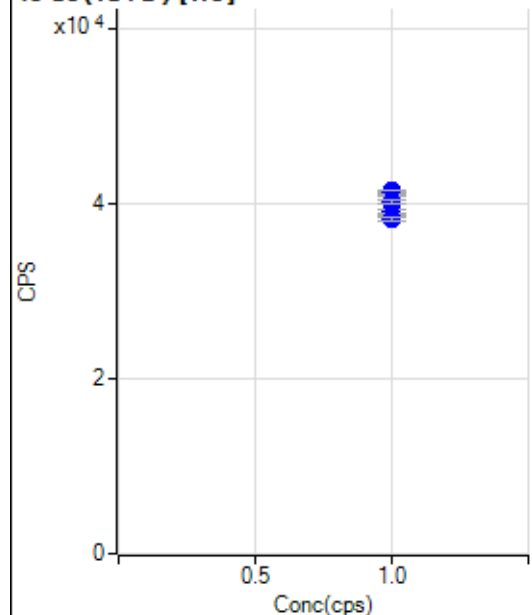
Min Conc: 0

6 Li (ISTD) [No Gas]

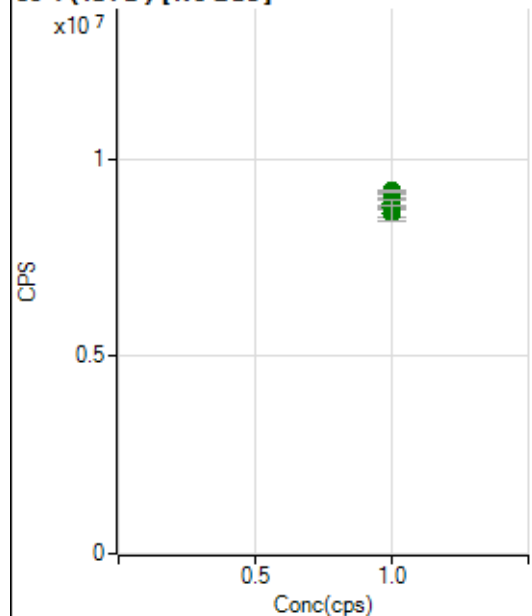
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1218233.07		A	1.6
2	☐	1.000					
3	☐	1.000		1166130.27		A	3.5
4	☐	1.000		1179196.54		A	6.8
5	☐	1.000		1261760.39		A	0.0
6	☐	1.000		1274591.95		A	1.8
7	☐	1.000		1347724.20		A	1.1
8	☐	1.000		1356186.13		A	2.1
9	☐	1.000		1335619.88		A	4.1

45 Sc (ISTD) [No Gas]

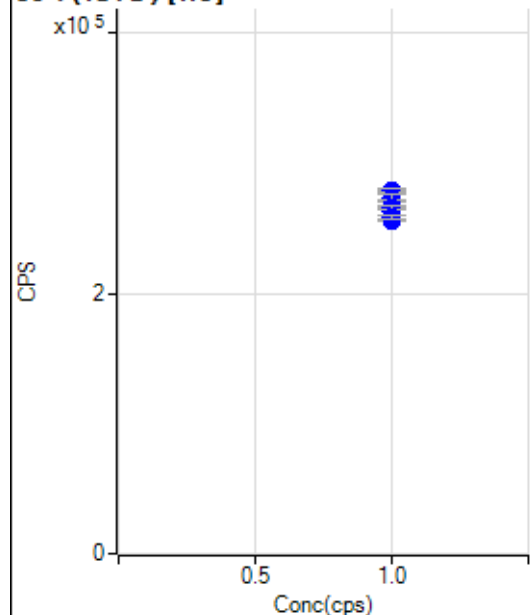
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4781615.25		A	1.0
2	☐	1.000					
3	☐	1.000		4631499.93		A	3.1
4	☐	1.000		4791355.62		A	7.0
5	☐	1.000		5002431.58		A	0.6
6	☐	1.000		4957002.50		A	0.3
7	☐	1.000		4982944.21		A	0.7
8	☐	1.000		4840428.23		A	2.0
9	☐	1.000		4740928.27		A	4.6

45 Sc (ISTD) [He]

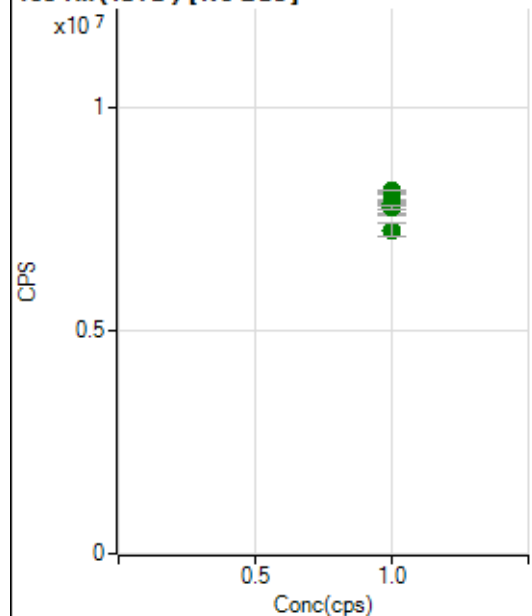
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		40293.33		P	1.3
2	☐	1.000					
3	☐	1.000		39192.46		P	1.3
4	☐	1.000		41517.97		P	0.6
5	☐	1.000		41317.34		P	0.9
6	☐	1.000		40489.45		P	1.9
7	☐	1.000		40175.24		P	1.1
8	☐	1.000		38782.41		P	0.4
9	☐	1.000		38317.83		P	0.8

89 Y (ISTD) [No Gas]

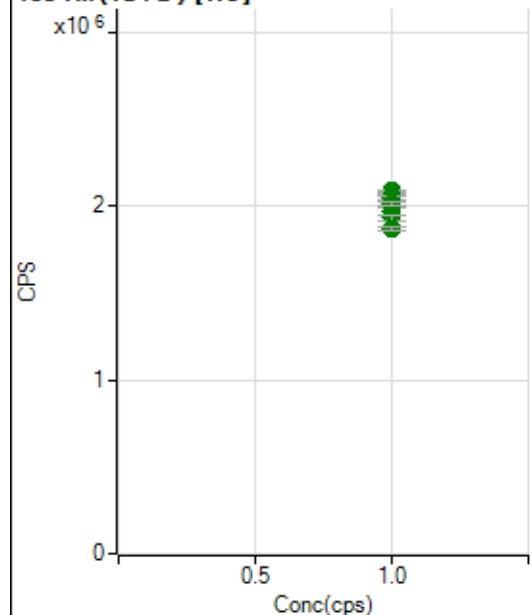
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8804666.67		A	0.3
2	☐	1.000					
3	☐	1.000		8628823.97		A	2.8
4	☐	1.000		8761802.02		A	5.7
5	☐	1.000		9127454.10		A	0.8
6	☐	1.000		9125168.82		A	0.5
7	☐	1.000		9198106.67		A	0.3
8	☐	1.000		8865537.78		A	2.8
9	☐	1.000		8627801.81		A	4.4

89 Y(ISTD) [He]

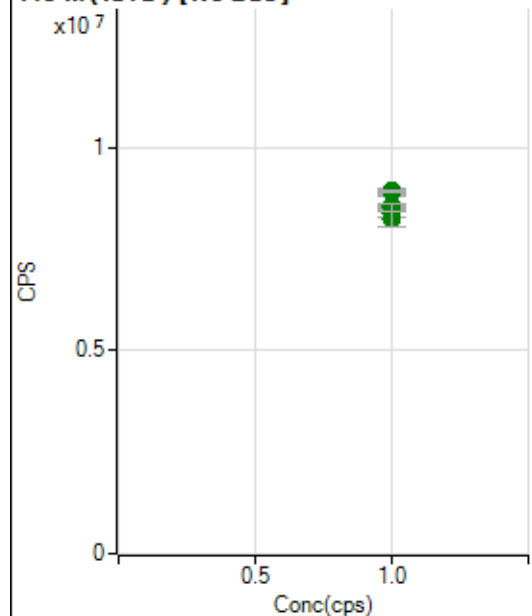
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		270619.38		P	0.2
2	☐	1.000					
3	☐	1.000		262676.02		P	2.3
4	☐	1.000		278941.82		P	0.5
5	☐	1.000		278877.67		P	1.1
6	☐	1.000		273805.65		P	1.6
7	☐	1.000		266088.40		P	1.1
8	☐	1.000		256445.09		P	1.1
9	☐	1.000		258686.48		P	1.1

103 Rh(ISTD) [No Gas]

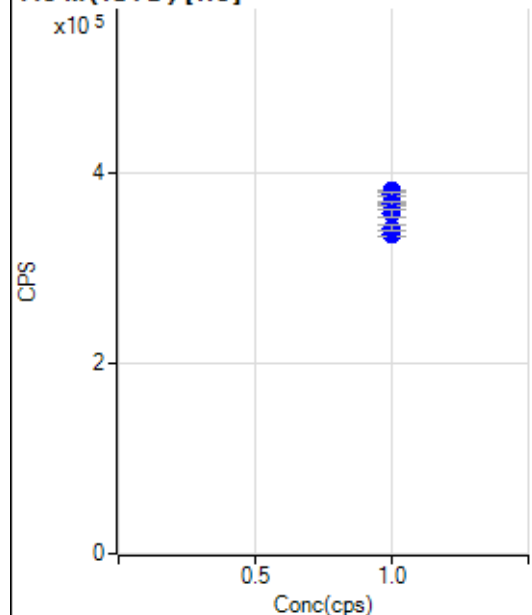
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7920428.13		A	0.8
2	☐	1.000					
3	☐	1.000		7747635.85		A	2.5
4	☐	1.000		7850292.45		A	6.9
5	☐	1.000		8114603.57		A	0.3
6	☐	1.000		8091963.98		A	0.9
7	☐	1.000		8136043.50		A	0.1
8	☐	1.000		7763478.30		A	1.2
9	☐	1.000		7262661.97		A	4.1

103 Rh (ISTD) [He]

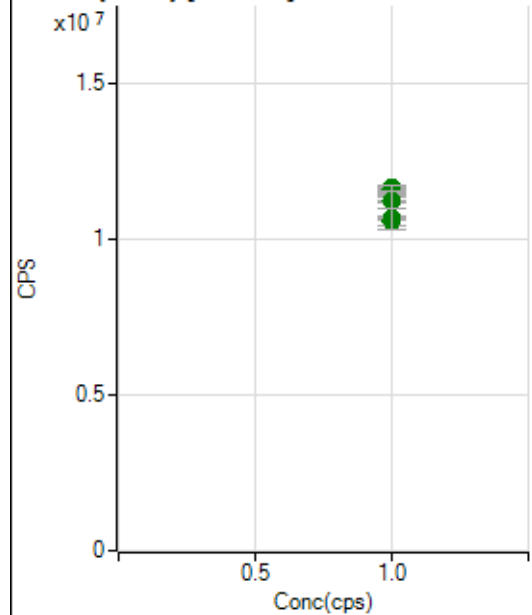
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2028752.71		A	0.7
2	☐	1.000					
3	☐	1.000		1967738.36		A	2.4
4	☐	1.000		2087008.85		A	0.6
5	☐	1.000		2058012.74		A	0.6
6	☐	1.000		2046975.85		A	1.4
7	☐	1.000		2010457.57		A	1.2
8	☐	1.000		1930655.99		A	1.6
9	☐	1.000		1867266.36		A	1.2

115 In (ISTD) [No Gas]

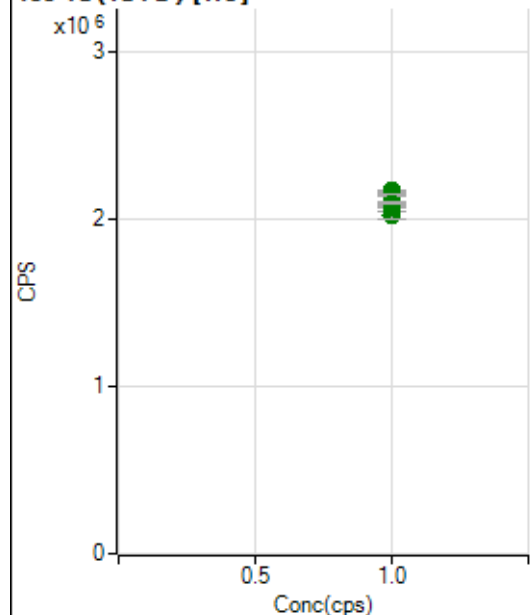
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8526084.28		A	1.4
2	☐	1.000					
3	☐	1.000		8389202.12		A	2.7
4	☐	1.000		8554259.43		A	5.9
5	☐	1.000		8901053.80		A	1.1
6	☐	1.000		8911482.24		A	1.5
7	☐	1.000		8928041.89		A	0.5
8	☐	1.000		8539017.68		A	2.2
9	☐	1.000		8227091.26		A	4.6

115 In (ISTD) [He]

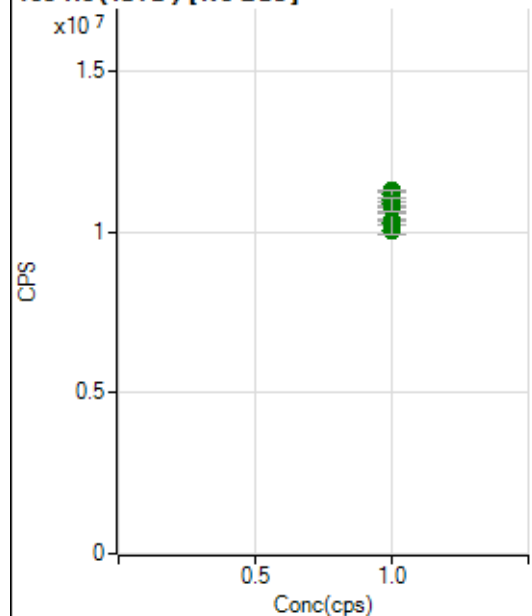
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		369619.54		P	0.3
2	☐	1.000					
3	☐	1.000		358258.99		P	1.9
4	☐	1.000		381529.71		P	0.6
5	☐	1.000		378251.64		P	1.0
6	☐	1.000		367882.20		P	1.1
7	☐	1.000		357903.43		P	1.8
8	☐	1.000		336691.74		P	1.4
9	☐	1.000		342327.94		P	1.6

159 Tb (ISTD) [No Gas]

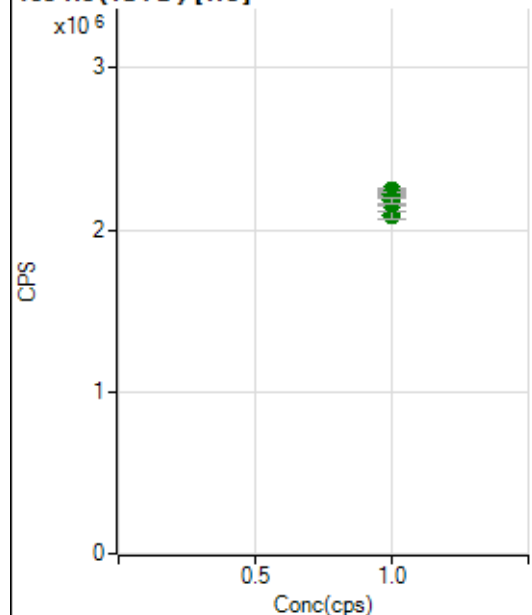
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10687787.34		A	1.2
2	☐	1.000					
3	☐	1.000		10545654.91		A	2.6
4	☐	1.000		10642055.33		A	6.3
5	☐	1.000		11208833.17		A	0.3
6	☐	1.000		11366578.30		A	0.5
7	☐	1.000		11641992.74		A	0.5
8	☐	1.000		11604082.88		A	2.1
9	☐	1.000		11259384.28		A	4.8

159 Tb (ISTD) [He]

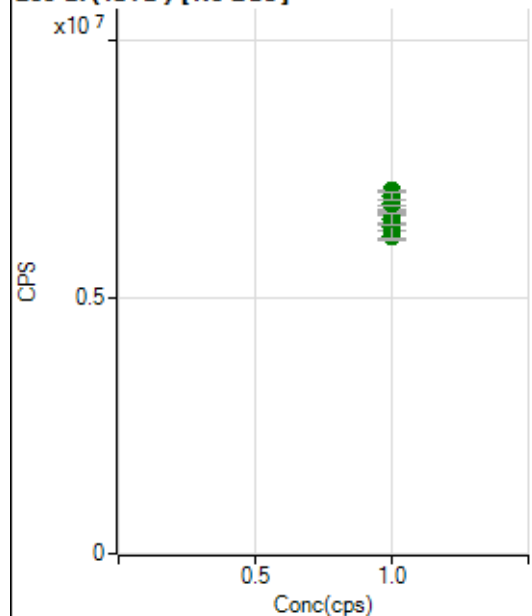
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2074439.43		A	0.2
2	☐	1.000					
3	☐	1.000		2018309.94		A	2.3
4	☐	1.000		2155997.22		A	0.4
5	☐	1.000		2168989.32		A	0.5
6	☐	1.000		2152615.72		A	1.1
7	☐	1.000		2144697.14		A	1.0
8	☐	1.000		2074037.48		A	0.4
9	☐	1.000		2097593.01		A	0.6

165 Ho (ISTD) [No Gas]

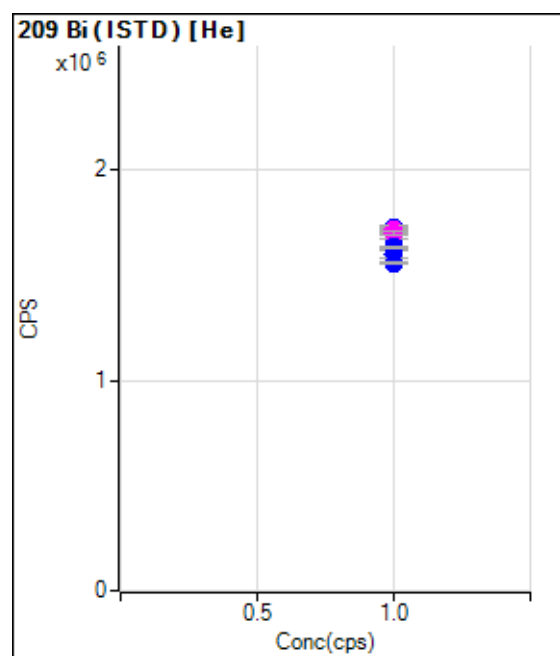
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10349095.63		A	0.7
2	☐	1.000					
3	☐	1.000		10063199.88		A	2.8
4	☐	1.000		10257230.09		A	6.2
5	☐	1.000		10775941.82		A	0.4
6	☐	1.000		10988059.45		A	0.8
7	☐	1.000		11276203.72		A	0.6
8	☐	1.000		11179853.90		A	1.9
9	☐	1.000		10852992.08		A	3.9

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2156638.42		A	0.2
2	☐	1.000					
3	☐	1.000		2091676.65		A	2.0
4	☐	1.000		2239912.76		A	0.4
5	☐	1.000		2231868.63		A	0.9
6	☐	1.000		2233678.80		A	1.5
7	☐	1.000		2221313.86		A	1.4
8	☐	1.000		2158333.72		A	0.5
9	☐	1.000		2180460.10		A	1.5

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6439587.06		A	0.3
2	☐	1.000					
3	☐	1.000		6196165.39		A	2.8
4	☐	1.000		6372580.46		A	7.3
5	☐	1.000		6683551.01		A	0.7
6	☐	1.000		6832060.94		A	1.6
7	☐	1.000		7071880.94		A	0.1
8	☐	1.000		6972638.99		A	2.5
9	☐	1.000		6519101.43		A	3.7



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1673207.35		P	0.2
2	☐	1.000					
3	☐	1.000		1596711.38		P	2.2
4	☐	1.000		1724073.60		P	0.4
5	☐	1.000		1708742.68		M	0.3
6	☐	1.000		1720491.73		M	2.2
7	☐	1.000		1700923.79		M	1.1
8	☐	1.000		1632663.36		P	0.4
9	☐	1.000		1556817.88		P	0.6

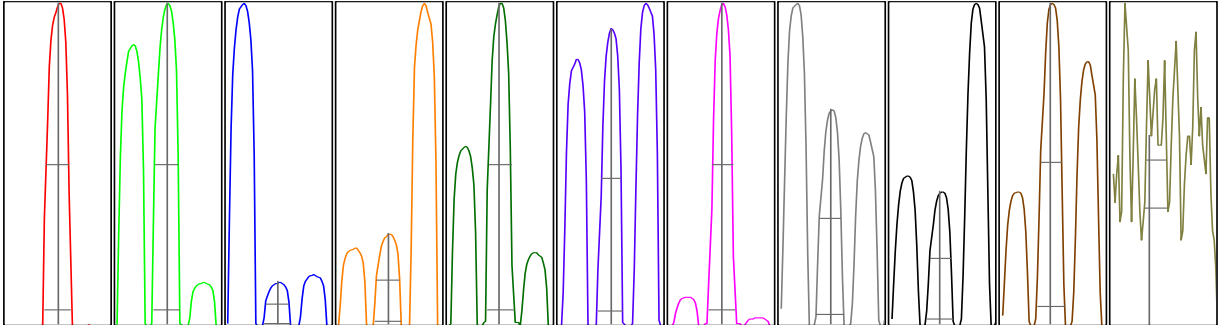
US EPA Tune Check Sample Report

Batch Folder D:\P8091917-ICP MS .b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	9549	2.01	5.00	
24	64142	1.07	5.00	
25	8553	0.98	5.00	
26	9965	1.08	5.00	
59	104285	0.73	5.00	
113	14523	0.92	5.00	
115	178396	0.97	5.00	
206	39865	1.37	5.00	
207	35473	1.15	5.00	
208	85572	0.98	5.00	
220	2	7.89		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	9577	9276	9687	9449	9756
24	64110	63642	64797	63302	64859
25	8523	8564	8620	8424	8631
26	9952	10068	10024	9787	9992
59	104584	105486	103674	103860	103821
113	14483	14740	14445	14547	14399
115	178408	180540	177720	179368	175944
206	39532	40031	39425	40751	39586
207	35485	35595	35173	36076	35035
208	85534	85535	84712	86948	85133
220	2	2	2	2	2

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	15091	9.05	8.9 - 9.1		0.787	0.900	
24	100262	24.00	23.9 - 24.1		0.789	0.900	
25	13423	25.00	24.9 - 25.1		0.783	0.900	
26	15864	26.00	25.9 - 26.1		0.785	0.900	
59	170552	59.00	58.9 - 59.1		0.785	0.900	
113	25472	113.05	112.9 - 113.1		0.733	0.900	
115	313806	115.05	114.9 - 115.1		0.772	0.900	
206	68293	206.00	205.9 - 206.1		0.788	0.900	
207	61100	206.95	206.9 - 207.1		0.775	0.900	
208	147256	207.95	207.9 - 208.1		0.812	0.900	
220	2	219.65	-		0.662		

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
Plasma Mode		HMI	Aerosol Dilution		HMI-8			

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.3	V	Deflect	13.6	V
Extract 2	-245.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-95	V	Cell Exit	-50	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	No		OctP Bias	-8.0	V	Energy Discrimination	5.0	V
He Flow	0.0	mL/min	OctP RF	200	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	12689	3.04	
89	2726	2.43	
205	17726	2.61	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	12027	12987	12886	12855	12691
89	2616	2781	2772	2743	2721
205	16917	18096	17897	17872	17848

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Plasma Mode		HMI	Aerosol Dilution		HMI-8			

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.3	V	Deflect	2.0	V
Extract 2	-245.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-95	V	Cell Exit	-60	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	Yes		OctP Bias	-18.0	V	Energy Discrimination	5.0	V
He Flow	5.0	mL/min	OctP RF	180	V			

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 16:48:46	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.83	-3.23	0.40	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.01	0.05	-0.04	0.00	N/A	ppb
Barium	135-1	0.00	-0.01	0.00	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	0.00	0.00	N/A	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	-0.08	0.19	-0.12	0.00	N/A	ppb
Boron	11-1	0.00	-0.03	0.03	0.00	N/A	ppb
Cadmium	111-1	-0.03	0.08	-0.05	0.00	N/A	ppb
Cadmium	106-1	-0.40	1.10	-0.71	0.00	N/A	ppb
Cadmium	108-1	0.00	0.03	-0.03	0.00	N/A	ppb
Calcium	43-1	6.02	-8.85	2.83	0.00	N/A	ppb
Calcium	44-1	2.47	-3.61	1.14	0.00	N/A	ppb
Chromium	52-2	-0.03	0.04	-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	0.00	0.00	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.02	0.17	-0.19	0.00	N/A	ppb
Iron	57-2	-0.77	1.17	-0.39	0.00	N/A	ppb
Lead	206-1	0.01	-0.03	0.02	0.00	N/A	ppb
Lead	207-1	-0.01	0.01	0.00	0.00	N/A	ppb
Lead	208-1	0.00	-0.01	0.01	0.00	N/A	ppb
Lithium	6-1						%
Magnesium	24-2	0.11	-2.05	1.94	0.00	N/A	ppb
Manganese	55-2	-0.03	0.03	0.01	0.00	N/A	ppb

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 16:48:46	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	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	-0.01	0.01	0.00	N/A	ppb
Molybdenum	97-1	0.00	-0.01	0.01	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	-0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.00	0.00	0.00	N/A	ppb
Phosphorus	31-2	5.44	24.59	5.58	11.87	92.81	ppb
Potassium	39-2	7.13	-0.25	-6.88	0.00	N/A	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-1.62	-1.62	3.25	0.00	N/A	ppb
Selenium	78-2	0.24	-0.48	0.24	0.00	N/A	ppb
Selenium	82-1	0.13	0.11	-0.24	0.00	N/A	ppb
Silicon	28-1	2.52	-2.30	-0.23	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	6.07	-2.67	-3.40	0.00	N/A	ppb
Strontium	86-1	-0.01	0.03	-0.02	0.00	N/A	ppb
Strontium	88-1	0.01	-0.01	0.00	0.00	N/A	ppb
Sulfur	34-1	-25.40	-485.13	-101.38	-203.97		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	0.01	-0.01	0.00	N/A	ppb
Titanium	47-1	-0.02	-0.02	0.04	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.06	0.02	-0.08	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	-0.01	0.00	N/A	ppb

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 16:48:46	DataFile Name :	003CALB.d

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

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 16:55:56	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.85	14.59	23.08	17.50	27.58	ppb
Antimony	121-1	1.75	1.87	1.81	1.81	3.20	ppb
Arsenic	75-2	0.85	0.78	0.94	0.86	9.80	ppb
Barium	135-1	8.81	9.20	9.12	9.04	2.27	ppb
Barium	137-1	8.81	9.04	9.02	8.96	1.45	ppb
Beryllium	9-1	0.95	0.96	0.86	0.93	5.92	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	20.03	20.81	23.79	21.54	9.20	ppb
Boron	11-1	22.26	21.22	24.38	22.62	7.12	ppb
Cadmium	111-1	1.01	0.93	0.94	0.96	4.66	ppb
Cadmium	106-1	1.40	0.78	1.04	1.08	28.93	ppb
Cadmium	108-1	0.81	1.41	0.79	1.00	35.09	ppb
Calcium	43-1	430.80	426.27	494.35	450.47	8.45	ppb
Calcium	44-1	459.59	455.44	458.04	457.69	0.46	ppb
Chromium	52-2	2.09	2.02	1.95	2.02	3.34	ppb
Cobalt	59-2	0.87	0.81	0.87	0.85	4.18	ppb
Copper	63-2	1.97	1.99	2.05	2.00	1.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	45.46	44.47	45.65	45.19	1.41	ppb
Iron	57-2	42.74	52.22	48.04	47.66	9.97	ppb
Lead	206-1	1.15	1.09	1.08	1.11	3.73	ppb
Lead	207-1	1.10	1.10	1.03	1.08	3.92	ppb
Lead	208-1	1.13	1.11	1.08	1.11	2.57	ppb
Lithium	6-1						%
Magnesium	24-2	415.04	421.89	440.78	425.90	3.13	ppb
Manganese	55-2	0.97	0.92	1.02	0.97	4.95	ppb

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 16:55:56	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.93	1.82	1.97	1.91	3.90	ppb
Molybdenum	95-1	4.20	4.51	4.42	4.38	3.73	ppb
Molybdenum	96-1	3.63	3.60	3.72	3.65	1.75	ppb
Molybdenum	97-1	4.25	4.21	4.16	4.21	1.11	ppb
Molybdenum	98-1	4.21	4.32	4.35	4.29	1.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.92	0.92	1.14	0.99	13.08	ppb
Phosphorus	31-2	-30.21	-11.71	6.30	-11.87		ppb
Potassium	39-2	428.77	426.96	464.33	440.02	4.79	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	3.54	-1.62	8.28	3.40	145.78	ppb
Selenium	78-2	7.99	5.46	3.21	5.55	43.12	ppb
Selenium	82-1	4.48	4.84	5.25	4.86	7.91	ppb
Silicon	28-1	12.52	10.67	17.29	13.49	25.30	ppb
Silver	109-1	1.23	1.27	1.23	1.24	1.87	ppb
Silver	107-1	1.20	1.23	1.27	1.23	2.67	ppb
Sodium	23-2	429.46	424.52	431.39	428.46	0.83	ppb
Strontium	86-1	1.02	0.93	0.95	0.97	5.25	ppb
Strontium	88-1	0.90	0.89	0.94	0.91	3.02	ppb
Sulfur	34-1	376.08	-263.78	499.61	203.97	200.89	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.88	0.90	0.96	0.91	4.49	ppb
Thallium	205-1	0.89	0.92	0.89	0.90	1.97	ppb
Tin	118-1	4.49	4.60	4.72	4.60	2.49	ppb
Titanium	47-1	4.41	4.48	4.50	4.46	1.08	ppb
Uranium	238-1	0.80	0.87	0.87	0.85	4.76	ppb
Vanadium	51-2	4.57	4.36	4.62	4.52	3.10	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.91	1.98	1.66	1.85	9.05	ppb
Zirconium	90-1	0.89	0.87	0.85	0.87	2.49	ppb

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 16:55:56	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.75	0.85	0.80	0.80	6.09	ppb

LB Number : LB90169 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-19 16:59:25 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	908.94	911.31	990.24	936.83	4.94	ppb
Antimony	121-1	50.29	57.32	52.44	53.35	6.75	ppb
Arsenic	75-2	50.00	49.31	50.20	49.84	0.94	ppb
Barium	135-1	249.05	280.25	256.05	261.78	6.25	ppb
Barium	137-1	248.99	282.35	256.98	262.77	6.63	ppb
Beryllium	9-1	51.10	59.26	53.44	54.60	7.70	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	48.06	58.67	50.97	52.57	10.43	ppb
Boron	11-1	49.91	58.42	50.92	53.09	8.76	ppb
Cadmium	111-1	51.61	58.97	52.39	54.32	7.44	ppb
Cadmium	106-1	48.89	61.12	49.18	53.06	13.16	ppb
Cadmium	108-1	53.38	58.93	55.52	55.94	5.01	ppb
Calcium	43-1	4789.33	5672.01	5065.47	5175.60	8.72	ppb
Calcium	44-1	4855.71	5680.88	5130.49	5222.36	8.05	ppb
Chromium	52-2	56.15	55.23	55.25	55.54	0.95	ppb
Cobalt	59-2	50.09	49.74	49.49	49.77	0.61	ppb
Copper	63-2	102.33	99.86	101.40	101.20	1.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2588.57	2592.70	2638.48	2606.58	1.06	ppb
Iron	57-2	2523.19	2585.62	2511.14	2539.98	1.57	ppb
Lead	206-1	47.63	54.68	48.39	50.23	7.71	ppb
Lead	207-1	46.71	54.34	48.02	49.69	8.21	ppb
Lead	208-1	47.04	54.22	48.52	49.93	7.59	ppb
Lithium	6-1						%
Magnesium	24-2	4930.37	4972.04	4988.96	4963.79	0.61	ppb
Manganese	55-2	100.72	101.24	104.48	102.15	1.99	ppb

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 16:59:25	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	48.34	54.19	49.75	50.76	6.02	ppb
Molybdenum	95-1	48.84	54.31	49.59	50.91	5.83	ppb
Molybdenum	96-1	48.24	54.24	48.67	50.38	6.64	ppb
Molybdenum	97-1	47.56	54.16	49.55	50.42	6.72	ppb
Molybdenum	98-1	48.09	54.40	49.22	50.57	6.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	54.01	54.23	53.31	53.85	0.89	ppb
Phosphorus	31-2	998.47	838.12	1024.63	953.74	10.59	ppb
Potassium	39-2	2542.72	2572.85	2602.54	2572.71	1.16	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	17.20	50.67	45.89	37.92	47.73	ppb
Selenium	78-2	64.12	55.52	42.04	53.89	20.65	ppb
Selenium	82-1	49.10	55.79	50.38	51.76	6.87	ppb
Silicon	28-1	60.78	87.80	67.07	71.88	19.67	ppb
Silver	109-1	52.04	59.22	53.92	55.06	6.76	ppb
Silver	107-1	52.21	59.46	54.38	55.35	6.72	ppb
Sodium	23-2	4910.65	4979.07	4975.38	4955.03	0.78	ppb
Strontium	86-1	48.03	55.20	50.48	51.24	7.12	ppb
Strontium	88-1	48.84	55.39	50.78	51.67	6.52	ppb
Sulfur	34-1	407.90	2827.91	1180.96	1472.26	83.95	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	47.23	54.47	48.52	50.07	7.72	ppb
Thallium	205-1	47.46	54.42	48.63	50.17	7.44	ppb
Tin	118-1	50.84	57.17	52.76	53.59	6.06	ppb
Titanium	47-1	47.53	55.49	48.43	50.48	8.63	ppb
Uranium	238-1	45.47	52.54	46.65	48.22	7.85	ppb
Vanadium	51-2	50.43	50.21	50.23	50.29	0.25	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	99.02	102.07	101.13	100.74	1.55	ppb
Zirconium	90-1	47.72	54.67	49.37	50.59	7.18	ppb

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 16:59:25	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	46.70	53.67	49.36	49.91	7.05	ppb

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 17:02:54	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2420.60	2353.17	2350.11	2374.63	1.68	ppb
Antimony	121-1	128.32	128.85	128.00	128.39	0.33	ppb
Arsenic	75-2	123.63	126.30	122.23	124.05	1.67	ppb
Barium	135-1	633.03	634.54	632.34	633.30	0.18	ppb
Barium	137-1	642.97	638.40	641.93	641.10	0.37	ppb
Beryllium	9-1	127.39	129.09	127.45	127.98	0.75	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	126.00	124.11	125.69	125.27	0.81	ppb
Boron	11-1	122.29	125.89	125.45	124.54	1.57	ppb
Cadmium	111-1	129.53	131.17	128.80	129.84	0.94	ppb
Cadmium	106-1	126.16	131.60	126.30	128.02	2.42	ppb
Cadmium	108-1	132.40	127.76	132.68	130.95	2.11	ppb
Calcium	43-1	12422.53	12289.01	12531.59	12414.38	0.98	ppb
Calcium	44-1	12424.34	12248.56	12399.33	12357.41	0.77	ppb
Chromium	52-2	139.03	139.74	137.26	138.68	0.92	ppb
Cobalt	59-2	125.96	126.50	122.55	125.00	1.72	ppb
Copper	63-2	253.62	255.49	250.10	253.07	1.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	6545.77	6569.68	6402.71	6506.05	1.39	ppb
Iron	57-2	6483.44	6385.92	6292.54	6387.30	1.49	ppb
Lead	206-1	121.88	120.99	121.87	121.58	0.42	ppb
Lead	207-1	119.99	119.82	120.55	120.12	0.32	ppb
Lead	208-1	121.22	120.76	121.22	121.07	0.22	ppb
Lithium	6-1						%
Magnesium	24-2	12446.74	12504.81	12303.04	12418.20	0.84	ppb
Manganese	55-2	259.80	253.27	254.37	255.82	1.37	ppb

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 17:02:54	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	122.34	122.44	122.51	122.43	0.07	ppb
Molybdenum	95-1	123.84	122.01	122.38	122.75	0.79	ppb
Molybdenum	96-1	122.50	120.94	120.62	121.35	0.83	ppb
Molybdenum	97-1	123.57	122.37	121.93	122.62	0.69	ppb
Molybdenum	98-1	123.12	122.76	121.84	122.57	0.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	135.35	138.43	135.20	136.33	1.34	ppb
Phosphorus	31-2	2768.18	2813.97	2332.64	2638.26	10.07	ppb
Potassium	39-2	6520.72	6455.09	6408.43	6461.41	0.87	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	54.77	171.06	102.25	109.36	53.46	ppb
Selenium	78-2	135.50	135.45	139.64	136.86	1.76	ppb
Selenium	82-1	123.92	124.22	123.92	124.02	0.14	ppb
Silicon	28-1	135.47	129.01	133.02	132.50	2.46	ppb
Silver	109-1	131.23	132.66	131.67	131.85	0.56	ppb
Silver	107-1	131.84	131.12	132.20	131.72	0.42	ppb
Sodium	23-2	12601.93	12521.30	12330.00	12484.41	1.12	ppb
Strontium	86-1	124.22	122.71	122.03	122.99	0.91	ppb
Strontium	88-1	124.41	125.62	123.65	124.56	0.80	ppb
Sulfur	34-1	3073.84	2599.22	2775.74	2816.27	8.52	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	121.05	120.20	121.17	120.81	0.43	ppb
Thallium	205-1	124.56	120.98	122.94	122.83	1.46	ppb
Tin	118-1	127.43	128.53	128.18	128.05	0.44	ppb
Titanium	47-1	122.77	122.44	123.46	122.89	0.42	ppb
Uranium	238-1	118.93	118.37	116.84	118.05	0.92	ppb
Vanadium	51-2	126.76	126.74	124.34	125.95	1.11	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	255.37	253.68	253.86	254.30	0.37	ppb
Zirconium	90-1	127.32	123.39	122.41	124.37	2.09	ppb

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 17:02:54	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	121.10	120.09	119.97	120.39	0.52	ppb

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 17:06:16	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4873.63	4869.69	5100.89	4948.07	2.67	ppb
Antimony	121-1	255.22	258.29	258.05	257.19	0.66	ppb
Arsenic	75-2	248.55	248.03	254.80	250.46	1.50	ppb
Barium	135-1	1257.00	1270.17	1282.70	1269.96	1.01	ppb
Barium	137-1	1247.58	1260.75	1263.76	1257.36	0.68	ppb
Beryllium	9-1	256.06	258.08	251.84	255.33	1.25	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	247.07	255.83	249.78	250.89	1.79	ppb
Boron	11-1	249.33	252.07	248.30	249.90	0.78	ppb
Cadmium	111-1	253.90	254.62	256.73	255.09	0.58	ppb
Cadmium	106-1	253.12	253.70	254.39	253.73	0.25	ppb
Cadmium	108-1	251.91	261.71	259.64	257.76	2.00	ppb
Calcium	43-1	24899.16	25300.02	25175.65	25124.94	0.82	ppb
Calcium	44-1	24631.20	24733.35	24838.31	24734.29	0.42	ppb
Chromium	52-2	279.19	276.91	284.80	280.30	1.45	ppb
Cobalt	59-2	252.69	250.75	256.81	253.41	1.22	ppb
Copper	63-2	508.07	501.70	516.59	508.79	1.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	13051.81	12783.68	13105.64	12980.38	1.33	ppb
Iron	57-2	12910.70	12658.04	13075.95	12881.57	1.63	ppb
Lead	206-1	241.80	242.29	241.29	241.80	0.21	ppb
Lead	207-1	238.62	239.07	237.85	238.51	0.26	ppb
Lead	208-1	244.62	244.11	244.23	244.32	0.11	ppb
Lithium	6-1						%
Magnesium	24-2	25029.83	25165.00	25564.24	25253.02	1.10	ppb
Manganese	55-2	510.08	509.99	518.78	512.95	0.98	ppb

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 17:06:16	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	247.64	251.62	249.43	249.56	0.80	ppb
Molybdenum	95-1	245.21	248.28	245.97	246.48	0.65	ppb
Molybdenum	96-1	240.66	246.28	243.41	243.45	1.15	ppb
Molybdenum	97-1	244.88	248.21	246.01	246.36	0.69	ppb
Molybdenum	98-1	251.26	252.43	248.74	250.81	0.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	275.27	274.81	277.09	275.72	0.44	ppb
Phosphorus	31-2	5224.21	4713.12	4577.07	4838.13	7.05	ppb
Potassium	39-2	12930.82	12625.73	13001.42	12852.66	1.55	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	277.48	217.23	278.44	257.72	13.61	ppb
Selenium	78-2	239.94	230.13	263.31	244.46	6.97	ppb
Selenium	82-1	246.34	250.32	249.24	248.63	0.83	ppb
Silicon	28-1	269.23	271.38	271.21	270.60	0.44	ppb
Silver	109-1	263.30	263.88	265.84	264.34	0.50	ppb
Silver	107-1	262.78	262.04	266.73	263.85	0.96	ppb
Sodium	23-2	25571.89	25166.76	26177.34	25638.66	1.98	ppb
Strontium	86-1	241.06	244.84	241.77	242.56	0.83	ppb
Strontium	88-1	245.91	249.32	248.54	247.93	0.72	ppb
Sulfur	34-1	5849.79	5770.14	5879.26	5833.07	0.97	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	246.50	247.76	244.10	246.12	0.76	ppb
Thallium	205-1	247.17	247.64	244.00	246.27	0.80	ppb
Tin	118-1	254.95	254.88	258.23	256.02	0.75	ppb
Titanium	47-1	244.79	249.20	246.91	246.97	0.89	ppb
Uranium	238-1	236.44	240.94	236.17	237.85	1.13	ppb
Vanadium	51-2	253.05	249.97	256.37	253.13	1.26	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	512.89	507.52	523.00	514.47	1.53	ppb
Zirconium	90-1	246.57	249.18	247.35	247.70	0.54	ppb

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 17:06:16	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	241.55	245.48	242.77	243.27	0.83	ppb

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 17:09:34	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9852.91	9590.32	9596.12	9679.78	1.55	ppb
Antimony	121-1	506.09	500.82	505.21	504.04	0.56	ppb
Arsenic	75-2	501.03	494.46	504.07	499.85	0.98	ppb
Barium	135-1	2525.99	2505.34	2509.78	2513.71	0.43	ppb
Barium	137-1	2481.71	2494.50	2514.44	2496.88	0.66	ppb
Beryllium	9-1	501.07	501.60	497.01	499.89	0.50	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	485.72	483.52	501.11	490.12	1.96	ppb
Boron	11-1	489.75	500.18	495.49	495.14	1.06	ppb
Cadmium	111-1	505.08	502.24	506.94	504.75	0.47	ppb
Cadmium	106-1	499.60	506.20	502.72	502.84	0.66	ppb
Cadmium	108-1	505.79	503.42	513.82	507.67	1.07	ppb
Calcium	43-1	50517.54	51092.59	50206.83	50605.65	0.89	ppb
Calcium	44-1	49662.59	49643.37	49687.41	49664.45	0.04	ppb
Chromium	52-2	497.21	491.34	487.28	491.94	1.01	ppb
Cobalt	59-2	499.94	491.92	493.55	495.13	0.86	ppb
Copper	63-2	1022.44	1011.04	1008.30	1013.93	0.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	25491.46	25064.59	25012.10	25189.38	1.04	ppb
Iron	57-2	25440.58	25074.16	24904.63	25139.79	1.09	ppb
Lead	206-1	494.91	496.00	498.53	496.48	0.37	ppb
Lead	207-1	501.56	501.75	503.18	502.16	0.18	ppb
Lead	208-1	495.92	497.33	496.75	496.66	0.14	ppb
Lithium	6-1						%
Magnesium	24-2	51467.51	51012.10	50394.76	50958.12	1.06	ppb
Manganese	55-2	1014.12	1002.15	992.77	1003.01	1.07	ppb

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 17:09:34	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	493.18	499.44	495.56	496.06	0.64	ppb
Molybdenum	95-1	492.89	496.01	497.09	495.33	0.44	ppb
Molybdenum	96-1	488.65	498.44	495.22	494.10	1.01	ppb
Molybdenum	97-1	487.42	494.23	490.34	490.66	0.70	ppb
Molybdenum	98-1	493.72	498.06	497.90	496.56	0.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	501.89	495.57	495.69	497.72	0.73	ppb
Phosphorus	31-2	10897.33	10314.93	9887.54	10366.60	4.89	ppb
Potassium	39-2	25310.90	25107.70	24754.03	25057.54	1.12	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	520.57	508.78	515.53	514.96	1.15	ppb
Selenium	78-2	474.97	514.82	507.23	499.01	4.24	ppb
Selenium	82-1	496.27	494.58	492.90	494.59	0.34	ppb
Silicon	28-1	512.26	522.64	521.07	518.66	1.08	ppb
Silver	109-1	515.69	511.23	515.52	514.15	0.49	ppb
Silver	107-1	518.68	517.90	520.58	519.05	0.27	ppb
Sodium	23-2	50532.60	50240.00	49605.39	50126.00	0.95	ppb
Strontium	86-1	484.49	489.83	488.86	487.73	0.58	ppb
Strontium	88-1	490.22	497.52	487.33	491.69	1.07	ppb
Sulfur	34-1	11253.97	11582.59	11381.33	11405.96	1.45	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	496.82	494.66	496.67	496.05	0.24	ppb
Thallium	205-1	489.86	486.39	490.55	488.94	0.46	ppb
Tin	118-1	503.86	506.96	505.36	505.39	0.31	ppb
Titanium	47-1	493.00	497.43	495.81	495.41	0.45	ppb
Uranium	238-1	485.95	489.54	485.92	487.13	0.43	ppb
Vanadium	51-2	508.02	493.03	496.39	499.15	1.58	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1022.84	1002.57	1011.41	1012.27	1.00	ppb
Zirconium	90-1	494.10	497.94	495.06	495.70	0.40	ppb

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
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Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	491.98	498.97	496.01	495.66	0.71	ppb

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 17:12:47	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19660.79	19435.55	19714.88	19603.74	0.76	ppb
Antimony	121-1	1018.29	975.10	993.39	995.59	2.18	ppb
Arsenic	75-2	989.40	1005.41	1005.44	1000.09	0.93	ppb
Barium	135-1	5127.56	4876.59	4955.45	4986.53	2.57	ppb
Barium	137-1	5130.68	4874.84	4985.68	4997.07	2.57	ppb
Beryllium	9-1	1020.12	968.59	1005.65	998.12	2.66	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1022.11	984.65	1007.17	1004.64	1.88	ppb
Boron	11-1	1015.72	985.40	1006.13	1002.42	1.55	ppb
Cadmium	111-1	1004.59	980.02	1001.98	995.53	1.36	ppb
Cadmium	106-1	1015.80	969.80	1005.74	997.12	2.43	ppb
Cadmium	108-1	1011.24	976.86	991.45	993.18	1.74	ppb
Calcium	43-1	103827.21	100044.73	103712.97	102528.31	2.10	ppb
Calcium	44-1	102894.47	99272.59	100536.02	100901.03	1.82	ppb
Chromium	52-2	994.54	993.56	995.31	994.47	0.09	ppb
Cobalt	59-2	1004.77	1001.29	998.72	1001.59	0.30	ppb
Copper	63-2	1979.28	1991.52	2000.39	1990.40	0.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	49923.98	50255.68	50734.93	50304.87	0.81	ppb
Iron	57-2	49812.88	50096.27	50401.15	50103.43	0.59	ppb
Lead	206-1	1033.91	978.28	1000.49	1004.22	2.79	ppb
Lead	207-1	1027.09	978.17	1001.99	1002.42	2.44	ppb
Lead	208-1	1029.95	975.31	1005.48	1003.58	2.73	ppb
Lithium	6-1						%
Magnesium	24-2	100517.94	100105.56	99234.10	99952.53	0.66	ppb
Manganese	55-2	1989.99	2001.08	1992.19	1994.42	0.29	ppb

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 17:12:47	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1027.35	979.03	1000.75	1002.38	2.41	ppb
Molybdenum	95-1	1028.73	976.41	1005.22	1003.45	2.61	ppb
Molybdenum	96-1	1029.51	978.76	1006.82	1005.03	2.53	ppb
Molybdenum	97-1	1031.41	976.93	1009.23	1005.86	2.72	ppb
Molybdenum	98-1	1029.46	965.12	1010.81	1001.80	3.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	990.11	989.51	999.69	993.10	0.58	ppb
Phosphorus	31-2	19919.18	18451.90	21155.51	19842.20	6.82	ppb
Potassium	39-2	49499.17	48922.67	49336.13	49252.66	0.60	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	986.05	1053.29	940.14	993.16	5.73	ppb
Selenium	78-2	934.26	1021.83	1044.51	1000.20	5.82	ppb
Selenium	82-1	1026.23	966.85	1016.17	1003.08	3.17	ppb
Silicon	28-1	1012.07	969.40	968.90	983.46	2.52	ppb
Silver	109-1	1008.59	966.94	989.17	988.23	2.11	ppb
Silver	107-1	1006.53	966.17	985.01	985.90	2.05	ppb
Sodium	23-2	99433.17	98882.73	99554.23	99290.04	0.36	ppb
Strontium	86-1	1036.52	975.64	1012.40	1008.19	3.04	ppb
Strontium	88-1	1031.51	980.37	1002.06	1004.65	2.55	ppb
Sulfur	34-1	19794.25	18508.35	18774.22	19025.61	3.57	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	1026.03	978.82	1005.54	1003.47	2.36	ppb
Thallium	205-1	1030.93	979.14	1010.12	1006.73	2.59	ppb
Tin	118-1	1015.83	978.32	991.57	995.24	1.91	ppb
Titanium	47-1	1027.63	983.32	998.93	1003.29	2.24	ppb
Uranium	238-1	1036.91	979.97	1014.40	1010.43	2.84	ppb
Vanadium	51-2	999.92	993.84	1004.77	999.51	0.55	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1996.80	1977.09	1995.12	1989.67	0.55	ppb
Zirconium	90-1	1028.58	975.74	1004.00	1002.77	2.64	ppb

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 17:12:47	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1035.55	969.27	1008.50	1004.44	3.32	ppb

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 17:15:54	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	101264.69	98669.81	100418.40	100117.64	1.32	ppb
Antimony	121-1	2.40	2.12	1.99	2.17	9.58	ppb
Arsenic	75-2	0.30	0.37	0.21	0.29	26.05	ppb
Barium	135-1	1.65	1.54	1.46	1.55	6.08	ppb
Barium	137-1	1.67	1.54	1.40	1.54	8.63	ppb
Beryllium	9-1	0.40	0.33	0.36	0.36	9.59	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	36.10	30.80	27.79	31.56	13.33	ppb
Boron	11-1	35.90	29.46	27.87	31.08	13.68	ppb
Cadmium	111-1	0.12	0.09	0.02	0.08	64.83	ppb
Cadmium	106-1	-0.35	-0.60	-1.40	-0.78		ppb
Cadmium	108-1	0.03	0.24	0.15	0.14	74.88	ppb
Calcium	43-1	528954.21	487086.54	482243.13	499427.96	5.14	ppb
Calcium	44-1	527608.94	487797.78	484197.33	499868.02	4.82	ppb
Chromium	52-2	6.74	6.53	6.83	6.70	2.32	ppb
Cobalt	59-2	1.24	1.08	1.17	1.16	6.70	ppb
Copper	63-2	3.24	2.98	3.02	3.08	4.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	249703.51	246789.75	253172.55	249888.60	1.28	ppb
Iron	57-2	252348.11	249449.47	248029.70	249942.42	0.88	ppb
Lead	206-1	1.72	1.58	1.60	1.63	4.75	ppb
Lead	207-1	1.55	1.51	1.47	1.51	2.69	ppb
Lead	208-1	1.64	1.57	1.51	1.57	4.14	ppb
Lithium	6-1						%
Magnesium	24-2	501154.32	493565.40	504990.81	499903.51	1.16	ppb
Manganese	55-2	7.25	6.71	6.69	6.88	4.58	ppb

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 17:15:54	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.61	0.50	0.51	0.54	11.88	ppb
Molybdenum	95-1	1.41	1.23	1.24	1.29	7.49	ppb
Molybdenum	96-1	1.73	1.49	1.47	1.56	9.11	ppb
Molybdenum	97-1	1.47	1.23	1.24	1.31	10.47	ppb
Molybdenum	98-1	1.42	1.24	1.24	1.30	8.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.10	2.79	2.95	2.95	5.32	ppb
Phosphorus	31-2	-30.21	7.28	-30.21	-17.71		ppb
Potassium	39-2	249690.25	249100.72	251569.59	250120.19	0.52	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	13.64	-1.62	-1.62	3.46	254.42	ppb
Selenium	78-2	-0.48	-0.48	1.83	0.29	464.89	ppb
Selenium	82-1	0.67	-0.08	0.68	0.42	103.66	ppb
Silicon	28-1	9.94	-1.98	-4.60	1.12	692.72	ppb
Silver	109-1	0.12	0.10	0.11	0.11	6.91	ppb
Silver	107-1	0.11	0.11	0.10	0.11	6.53	ppb
Sodium	23-2	500765.52	496411.51	503118.08	500098.37	0.68	ppb
Strontium	86-1	35.15	32.42	32.56	33.38	4.59	ppb
Strontium	88-1	35.73	32.86	32.74	33.77	5.00	ppb
Sulfur	34-1	817.59	-327.78	-484.52	1.76	40306.11	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.41	0.37	0.33	0.37	11.52	ppb
Thallium	205-1	0.43	0.34	0.32	0.36	15.94	ppb
Tin	118-1	0.82	0.73	0.66	0.74	10.83	ppb
Titanium	47-1	0.64	0.57	0.59	0.60	5.46	ppb
Uranium	238-1	0.10	0.10	0.09	0.10	5.35	ppb
Vanadium	51-2	0.18	0.23	0.23	0.21	14.29	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	8.37	8.38	8.87	8.54	3.36	ppb
Zirconium	90-1	0.18	0.16	0.15	0.16	8.91	ppb

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 17:15:54	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.12	0.20	0.15	0.16	24.35	ppb

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 17:19:14	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	466.98	453.44	442.71	454.38	2.68	ppb
Antimony	121-1	190.36	193.07	190.56	191.33	0.79	ppb
Arsenic	75-2	189.03	188.57	186.27	187.96	0.79	ppb
Barium	135-1	93.48	96.15	95.26	94.96	1.43	ppb
Barium	137-1	93.89	96.24	95.87	95.33	1.32	ppb
Beryllium	9-1	92.90	93.32	92.48	92.90	0.45	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	595.67	605.99	599.46	600.37	0.87	ppb
Boron	11-1	594.66	596.93	601.58	597.72	0.59	ppb
Cadmium	111-1	97.53	99.40	99.50	98.81	1.12	ppb
Cadmium	106-1	151.27	157.51	157.26	155.35	2.28	ppb
Cadmium	108-1	127.07	133.75	132.45	131.09	2.70	ppb
Calcium	43-1	2069.48	2043.58	2134.15	2082.40	2.24	ppb
Calcium	44-1	1998.98	2020.41	2049.58	2022.99	1.26	ppb
Chromium	52-2	93.07	91.31	93.24	92.54	1.15	ppb
Cobalt	59-2	97.57	94.67	97.44	96.56	1.70	ppb
Copper	63-2	97.83	96.93	98.42	97.73	0.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	979.15	955.97	985.42	973.51	1.59	ppb
Iron	57-2	941.48	962.81	985.26	963.18	2.27	ppb
Lead	206-1	184.45	189.34	188.96	187.58	1.45	ppb
Lead	207-1	176.71	179.99	180.67	179.13	1.18	ppb
Lead	208-1	183.53	186.22	188.35	186.03	1.30	ppb
Lithium	6-1						%
Magnesium	24-2	1166.39	1123.21	1203.21	1164.27	3.44	ppb
Manganese	55-2	99.50	93.69	96.46	96.55	3.01	ppb

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 17:19:14	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	515.97	516.30	513.47	515.25	0.30	ppb
Molybdenum	95-1	517.92	527.41	515.88	520.40	1.18	ppb
Molybdenum	96-1	511.89	521.91	520.45	518.08	1.05	ppb
Molybdenum	97-1	505.88	513.01	518.02	512.31	1.19	ppb
Molybdenum	98-1	515.13	520.34	518.85	518.11	0.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	98.81	95.93	98.33	97.69	1.58	ppb
Phosphorus	31-2	5.29	-30.21	5.89	-6.34		ppb
Potassium	39-2	1928.13	1910.50	1938.67	1925.77	0.74	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	191.94	228.90	224.25	215.03	9.36	ppb
Selenium	78-2	168.39	183.86	205.30	185.85	9.97	ppb
Selenium	82-1	189.10	191.09	189.41	189.87	0.56	ppb
Silicon	28-1	501.18	504.55	518.48	508.07	1.81	ppb
Silver	109-1	96.49	99.15	98.34	98.00	1.39	ppb
Silver	107-1	97.01	99.31	98.06	98.13	1.17	ppb
Sodium	23-2	2071.94	2033.23	2075.08	2060.08	1.13	ppb
Strontium	86-1	508.71	519.24	523.79	517.25	1.50	ppb
Strontium	88-1	517.98	521.16	521.61	520.25	0.38	ppb
Sulfur	34-1	-1028.21	-986.87	-788.85	-934.65		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	185.48	190.53	193.02	189.68	2.02	ppb
Thallium	205-1	189.66	194.31	195.15	193.04	1.53	ppb
Tin	118-1	533.67	538.72	537.77	536.72	0.50	ppb
Titanium	47-1	508.69	512.68	521.02	514.13	1.22	ppb
Uranium	238-1	488.42	491.94	498.84	493.07	1.08	ppb
Vanadium	51-2	94.81	92.00	95.13	93.98	1.84	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	195.38	193.39	200.79	196.52	1.95	ppb
Zirconium	90-1	508.14	518.27	510.41	512.27	1.04	ppb

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 17:19:14	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	513.48	513.34	512.52	513.12	0.10	ppb

LB Number : LB90169 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-19 17:22:17 DataFile Name : 013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-5.74	-4.45	-5.74	-5.31		ppb
Antimony	121-1	0.16	0.18	0.18	0.17	4.78	ppb
Arsenic	75-2	0.05	0.05	-0.06	0.01	418.53	ppb
Barium	135-1	0.02	0.02	0.01	0.02	36.37	ppb
Barium	137-1	0.01	0.01	0.02	0.01	25.49	ppb
Beryllium	9-1	0.14	0.20	0.14	0.16	20.64	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	11.54	12.88	13.28	12.56	7.25	ppb
Boron	11-1	12.62	12.80	12.48	12.63	1.28	ppb
Cadmium	111-1	-0.08	-0.05	0.00	-0.04		ppb
Cadmium	106-1	-1.55	-0.98	-0.42	-0.98		ppb
Cadmium	108-1	-0.01	-0.01	-0.04	-0.02		ppb
Calcium	43-1	-37.75	-32.18	-31.95	-33.96		ppb
Calcium	44-1	0.73	1.91	0.63	1.09	65.28	ppb
Chromium	52-2	0.05	-0.03	-0.01	0.01	711.75	ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	186.72	ppb
Copper	63-2	0.00	0.02	-0.01	0.00	433.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1.93	1.66	1.41	1.67	15.55	ppb
Iron	57-2	3.24	1.65	0.90	1.93	62.08	ppb
Lead	206-1	0.06	0.08	0.05	0.06	24.81	ppb
Lead	207-1	0.07	0.09	0.10	0.09	15.10	ppb
Lead	208-1	0.08	0.08	0.07	0.08	7.63	ppb
Lithium	6-1						%
Magnesium	24-2	2.42	1.83	-1.86	0.79	292.11	ppb
Manganese	55-2	0.11	0.02	-0.04	0.03	241.01	ppb

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 17:22:17	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.06	0.06	0.04	0.05	19.68	ppb
Molybdenum	95-1	0.14	0.11	0.14	0.13	15.60	ppb
Molybdenum	96-1	0.13	0.11	0.09	0.11	18.24	ppb
Molybdenum	97-1	0.12	0.15	0.12	0.13	10.75	ppb
Molybdenum	98-1	0.13	0.15	0.11	0.13	15.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.14	-0.03	-0.07		ppb
Phosphorus	31-2	-30.21	-11.50	7.65	-11.35		ppb
Potassium	39-2	1.97	-0.49	6.67	2.71	134.05	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-1.62	3.44	-1.62	0.06	4582.82	ppb
Selenium	78-2	-0.48	-0.48	-0.48	-0.48		ppb
Selenium	82-1	-0.32	0.15	-0.22	-0.13		ppb
Silicon	28-1	-14.32	-15.59	-17.54	-15.82		ppb
Silver	109-1	0.02	0.02	0.03	0.02	23.56	ppb
Silver	107-1	0.03	0.01	0.02	0.02	33.52	ppb
Sodium	23-2	102.21	96.39	97.63	98.74	3.10	ppb
Strontium	86-1	-0.06	0.03	-0.03	-0.02		ppb
Strontium	88-1	0.00	0.00	0.01	0.00	102.38	ppb
Sulfur	34-1	-873.61	-894.79	-919.17	-895.86		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.06	0.09	0.08	0.08	19.38	ppb
Thallium	205-1	0.08	0.08	0.07	0.08	5.76	ppb
Tin	118-1	0.30	0.28	0.27	0.28	5.58	ppb
Titanium	47-1	-0.01	-0.03	0.03	0.00		ppb
Uranium	238-1	0.03	0.03	0.03	0.03	7.51	ppb
Vanadium	51-2	0.01	0.02	0.00	0.01	95.77	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.06	-0.07	-0.01	-0.01		ppb
Zirconium	90-1	0.03	0.04	0.03	0.03	19.44	ppb

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 17:22:17	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.00	0.01	0.02	114.34	ppb

LB Number : LB90169 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-19 17:25:26 DataFile Name : 014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89104.60	89895.41	90217.08	89739.03	0.64	ppb
Antimony	121-1	1.20	1.25	1.21	1.22	2.21	ppb
Arsenic	75-2	0.28	0.27	0.27	0.27	3.17	ppb
Barium	135-1	1.31	1.28	1.52	1.37	9.53	ppb
Barium	137-1	1.42	1.44	1.48	1.45	2.11	ppb
Beryllium	9-1	0.41	0.35	0.43	0.40	11.53	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	12.80	10.00	9.74	10.85	15.64	ppb
Boron	11-1	10.94	10.57	10.61	10.71	1.89	ppb
Cadmium	111-1	0.15	0.30	0.22	0.22	34.95	ppb
Cadmium	106-1	-1.53	-0.21	-0.55	-0.76		ppb
Cadmium	108-1	6.54	6.23	6.50	6.42	2.60	ppb
Calcium	43-1	98549.40	98935.38	95658.12	97714.30	1.83	ppb
Calcium	44-1	96484.31	96873.44	95042.66	96133.47	1.00	ppb
Chromium	52-2	22.35	23.23	23.07	22.88	2.05	ppb
Cobalt	59-2	1.13	1.18	1.09	1.13	4.03	ppb
Copper	63-2	7.79	7.86	7.96	7.87	1.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	97605.01	98227.32	100693.01	98841.78	1.65	ppb
Iron	57-2	98078.84	97832.26	98612.65	98174.58	0.41	ppb
Lead	206-1	4.52	4.45	4.48	4.48	0.81	ppb
Lead	207-1	4.01	3.85	3.93	3.93	2.07	ppb
Lead	208-1	4.18	4.12	4.14	4.15	0.70	ppb
Lithium	6-1						%
Magnesium	24-2	99752.51	99560.13	100929.29	100080.64	0.74	ppb
Manganese	55-2	8.00	8.23	7.85	8.03	2.38	ppb

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 17:25:26	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	577.76	562.82	574.60	571.73	1.38	ppb
Molybdenum	95-1	1864.36	1810.36	1842.14	1838.95	1.48	ppb
Molybdenum	96-1	1557.79	1495.58	1524.56	1525.98	2.04	ppb
Molybdenum	97-1	1867.17	1828.48	1834.58	1843.41	1.13	ppb
Molybdenum	98-1	1869.83	1825.59	1841.17	1845.53	1.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.36	7.60	7.81	7.59	2.97	ppb
Phosphorus	31-2	97139.21	100171.63	100026.33	99112.39	1.73	ppb
Potassium	39-2	98941.46	101013.03	101740.91	100565.13	1.44	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-1.62	-1.62	-1.62	-1.62		ppb
Selenium	78-2	-0.48	2.58	1.06	1.05	145.84	ppb
Selenium	82-1	-0.18	-0.19	0.19	-0.06		ppb
Silicon	28-1	30.77	30.75	26.40	29.31	8.60	ppb
Silver	109-1	0.14	0.13	0.14	0.14	3.75	ppb
Silver	107-1	0.14	0.15	0.13	0.14	6.90	ppb
Sodium	23-2	98789.33	98949.58	99404.56	99047.82	0.32	ppb
Strontium	86-1	32.78	31.39	32.23	32.14	2.17	ppb
Strontium	88-1	33.12	32.14	33.06	32.77	1.68	ppb
Sulfur	34-1	85817.20	85753.00	83162.07	84910.75	1.78	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.19	0.16	0.14	0.16	15.81	ppb
Thallium	205-1	0.17	0.17	0.19	0.17	5.51	ppb
Tin	118-1	0.30	0.22	0.23	0.25	15.69	ppb
Titanium	47-1	1897.03	1897.61	1920.67	1905.10	0.71	ppb
Uranium	238-1	0.04	0.04	0.03	0.04	8.56	ppb
Vanadium	51-2	0.21	0.19	0.17	0.19	10.06	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	12.12	12.06	12.42	12.20	1.56	ppb
Zirconium	90-1	0.09	0.07	0.08	0.08	11.12	ppb

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 17:25:26	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.08	0.08	0.06	0.07	14.56	ppb

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 17:28:31	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89146.51	93640.32	91027.08	91271.30	2.47	ppb
Antimony	121-1	20.07	20.61	20.35	20.34	1.35	ppb
Arsenic	75-2	18.00	19.79	19.73	19.17	5.31	ppb
Barium	135-1	20.81	21.95	20.82	21.19	3.08	ppb
Barium	137-1	20.91	21.20	20.77	20.96	1.05	ppb
Beryllium	9-1	20.55	20.47	20.45	20.49	0.26	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	67.83	74.15	72.85	71.61	4.66	ppb
Boron	11-1	71.67	71.38	71.24	71.43	0.30	ppb
Cadmium	111-1	19.57	19.91	19.66	19.71	0.88	ppb
Cadmium	106-1	23.95	20.79	22.05	22.26	7.15	ppb
Cadmium	108-1	26.88	27.76	28.12	27.59	2.31	ppb
Calcium	43-1	98740.55	99623.14	100121.77	99495.16	0.70	ppb
Calcium	44-1	96321.12	97861.04	98663.65	97615.27	1.22	ppb
Chromium	52-2	42.60	44.14	42.96	43.23	1.87	ppb
Cobalt	59-2	21.09	21.87	21.42	21.46	1.82	ppb
Copper	63-2	27.24	28.87	28.54	28.22	3.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	98472.36	102637.73	101333.23	100814.44	2.11	ppb
Iron	57-2	100362.24	102802.03	100171.32	101111.87	1.45	ppb
Lead	206-1	24.27	24.30	24.60	24.39	0.75	ppb
Lead	207-1	22.16	22.13	22.37	22.22	0.58	ppb
Lead	208-1	23.07	23.29	23.17	23.17	0.47	ppb
Lithium	6-1						%
Magnesium	24-2	98811.98	102466.42	101872.33	101050.24	1.94	ppb
Manganese	55-2	28.29	29.66	29.49	29.15	2.55	ppb

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 17:28:31	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	613.30	616.65	620.69	616.88	0.60	ppb
Molybdenum	95-1	1878.76	1874.87	1877.64	1877.09	0.11	ppb
Molybdenum	96-1	1552.00	1574.01	1582.63	1569.54	1.01	ppb
Molybdenum	97-1	1883.71	1858.99	1903.33	1882.01	1.18	ppb
Molybdenum	98-1	1880.64	1883.43	1906.93	1890.33	0.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	27.68	28.56	27.34	27.86	2.25	ppb
Phosphorus	31-2	101219.60	101629.26	101090.59	101313.15	0.28	ppb
Potassium	39-2	99647.47	106007.44	102492.64	102715.85	3.10	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	18.55	36.16	24.33	26.35	34.07	ppb
Selenium	78-2	16.07	16.42	19.64	17.38	11.33	ppb
Selenium	82-1	19.07	19.09	18.27	18.81	2.50	ppb
Silicon	28-1	98.83	100.37	103.78	100.99	2.51	ppb
Silver	109-1	18.69	19.06	18.67	18.81	1.15	ppb
Silver	107-1	18.78	19.18	18.82	18.93	1.17	ppb
Sodium	23-2	97890.77	101673.04	100571.43	100045.08	1.94	ppb
Strontium	86-1	83.23	84.42	85.37	84.34	1.27	ppb
Strontium	88-1	85.87	87.34	87.83	87.02	1.17	ppb
Sulfur	34-1	83699.97	85048.19	85537.94	84762.03	1.12	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	19.77	19.75	19.99	19.83	0.69	ppb
Thallium	205-1	20.01	19.75	20.10	19.95	0.91	ppb
Tin	118-1	53.96	54.09	54.02	54.02	0.12	ppb
Titanium	47-1	1958.93	1986.33	1976.92	1974.06	0.71	ppb
Uranium	238-1	52.70	53.06	52.61	52.79	0.45	ppb
Vanadium	51-2	20.04	20.53	20.39	20.32	1.24	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	33.03	33.10	33.71	33.28	1.11	ppb
Zirconium	90-1	52.27	53.07	53.16	52.83	0.93	ppb

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 17:28:31	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	51.65	52.29	52.27	52.07	0.70	ppb

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	CCV36	Instrumnet Name :	P8
Client Sample ID :	CCV36	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 17:31:34	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52000.23	51961.82	51656.46	51872.84	0.36	ppb
Antimony	121-1	537.19	505.04	523.39	521.87	3.09	ppb
Arsenic	75-2	532.38	526.12	516.85	525.12	1.49	ppb
Barium	135-1	2723.68	2545.87	2664.43	2644.66	3.42	ppb
Barium	137-1	2690.79	2516.78	2628.74	2612.10	3.38	ppb
Beryllium	9-1	550.85	508.50	539.23	532.86	4.11	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	535.62	511.44	547.22	531.43	3.43	ppb
Boron	11-1	552.26	511.58	550.57	538.14	4.28	ppb
Cadmium	111-1	524.43	491.63	512.79	509.61	3.26	ppb
Cadmium	106-1	542.00	494.21	516.91	517.71	4.62	ppb
Cadmium	108-1	534.65	505.36	507.46	515.82	3.17	ppb
Calcium	43-1	264761.16	248358.06	256719.71	256612.98	3.20	ppb
Calcium	44-1	265810.80	251689.59	258734.27	258744.89	2.73	ppb
Chromium	52-2	521.13	520.40	516.87	519.47	0.44	ppb
Cobalt	59-2	512.24	508.85	506.08	509.06	0.61	ppb
Copper	63-2	1022.15	1023.25	1006.44	1017.28	0.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	129667.15	128788.18	127784.56	128746.63	0.73	ppb
Iron	57-2	130827.05	130845.63	130060.56	130577.74	0.34	ppb
Lead	206-1	557.03	518.04	537.47	537.51	3.63	ppb
Lead	207-1	549.76	521.59	540.47	537.27	2.67	ppb
Lead	208-1	550.14	518.86	537.01	535.34	2.93	ppb
Lithium	6-1						%
Magnesium	24-2	261022.24	260375.77	258297.88	259898.63	0.55	ppb
Manganese	55-2	1052.86	1056.44	1043.77	1051.02	0.62	ppb

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	CCV36	Instrumnet Name :	P8
Client Sample ID :	CCV36	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 17:31:34	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	537.12	509.85	524.03	523.66	2.60	ppb
Molybdenum	95-1	537.44	510.97	526.06	524.82	2.53	ppb
Molybdenum	96-1	540.37	505.38	532.09	525.95	3.48	ppb
Molybdenum	97-1	525.26	497.86	522.43	515.18	2.92	ppb
Molybdenum	98-1	529.61	500.71	530.87	520.40	3.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	515.08	508.37	509.12	510.86	0.72	ppb
Phosphorus	31-2	10827.93	10400.38	11207.50	10811.94	3.73	ppb
Potassium	39-2	134056.82	130860.67	130577.35	131831.62	1.47	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	530.24	487.52	604.96	540.91	10.99	ppb
Selenium	78-2	537.57	469.25	491.16	499.33	6.99	ppb
Selenium	82-1	525.92	500.11	515.11	513.71	2.52	ppb
Silicon	28-1	535.34	490.68	519.05	515.02	4.39	ppb
Silver	109-1	536.46	503.07	519.08	519.54	3.21	ppb
Silver	107-1	533.43	505.06	519.98	519.49	2.73	ppb
Sodium	23-2	257652.41	258079.68	254646.82	256792.97	0.73	ppb
Strontium	86-1	556.33	518.85	539.87	538.35	3.49	ppb
Strontium	88-1	550.23	521.77	543.64	538.55	2.77	ppb
Sulfur	34-1	11459.85	10118.74	11378.98	10985.86	6.85	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	545.36	520.69	536.91	534.32	2.35	ppb
Thallium	205-1	542.96	509.95	532.38	528.43	3.19	ppb
Tin	118-1	548.88	506.69	527.21	527.59	4.00	ppb
Titanium	47-1	535.73	503.69	524.81	521.41	3.12	ppb
Uranium	238-1	546.06	517.95	542.34	535.45	2.85	ppb
Vanadium	51-2	533.75	527.87	529.61	530.41	0.57	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1021.59	1024.85	1017.49	1021.31	0.36	ppb
Zirconium	90-1	533.41	509.60	520.99	521.33	2.28	ppb

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	CCV36	Instrumnet Name :	P8
Client Sample ID :	CCV36	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 17:31:34	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	539.19	511.13	530.84	527.05	2.73	ppb

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	CCB36	Instrumnet Name :	P8
Client Sample ID :	CCB36	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 17:34:31	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.08	-3.28	-4.51	-3.29		ppb
Antimony	121-1	0.25	0.27	0.29	0.27	7.13	ppb
Arsenic	75-2	-0.02	0.05	0.05	0.02	175.43	ppb
Barium	135-1	-0.02	0.00	-0.01	-0.01		ppb
Barium	137-1	0.00	0.02	0.01	0.01	70.22	ppb
Beryllium	9-1	0.14	0.23	0.15	0.17	26.48	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	15.13	13.45	14.26	14.28	5.87	ppb
Boron	11-1	15.65	14.43	14.07	14.72	5.62	ppb
Cadmium	111-1	-0.11	-0.08	-0.06	-0.08		ppb
Cadmium	106-1	-1.86	-1.49	-1.26	-1.54		ppb
Cadmium	108-1	0.00	-0.04	0.05	0.00	1792.05	ppb
Calcium	43-1	-9.25	-32.98	-27.86	-23.36		ppb
Calcium	44-1	10.05	5.18	4.50	6.58	46.02	ppb
Chromium	52-2	0.02	0.01	-0.13	-0.03		ppb
Cobalt	59-2	-0.03	-0.01	-0.01	-0.02		ppb
Copper	63-2	0.07	0.03	0.10	0.07	54.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2.77	2.59	3.06	2.80	8.37	ppb
Iron	57-2	2.19	3.35	1.10	2.21	50.68	ppb
Lead	206-1	0.03	0.05	0.06	0.05	41.60	ppb
Lead	207-1	0.11	0.08	0.07	0.09	19.79	ppb
Lead	208-1	0.08	0.07	0.07	0.07	7.16	ppb
Lithium	6-1						%
Magnesium	24-2	2.89	1.95	1.69	2.18	29.02	ppb
Manganese	55-2	0.10	0.02	-0.09	0.01	816.85	ppb

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	CCB36	Instrumnet Name :	P8
Client Sample ID :	CCB36	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 17:34:31	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.09	0.08	0.08	0.08	10.06	ppb
Molybdenum	95-1	0.21	0.19	0.19	0.20	6.62	ppb
Molybdenum	96-1	0.18	0.17	0.17	0.17	5.16	ppb
Molybdenum	97-1	0.20	0.25	0.25	0.23	12.31	ppb
Molybdenum	98-1	0.22	0.18	0.19	0.20	10.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.13	-0.11	-0.07	-0.10		ppb
Phosphorus	31-2	-30.21	-12.30	-12.29	-18.27		ppb
Potassium	39-2	32.79	22.37	9.03	21.40	55.68	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-1.62	-1.62	-1.62	-1.62		ppb
Selenium	78-2	0.95	0.98	0.24	0.73	57.42	ppb
Selenium	82-1	0.42	-0.36	0.59	0.22	230.95	ppb
Silicon	28-1	-9.47	-15.54	-12.42	-12.47		ppb
Silver	109-1	0.05	0.05	0.04	0.05	9.06	ppb
Silver	107-1	0.03	0.05	0.04	0.04	21.31	ppb
Sodium	23-2	106.58	99.68	109.09	105.11	4.63	ppb
Strontium	86-1	0.03	-0.03	0.01	0.00	627.82	ppb
Strontium	88-1	0.01	0.00	0.00	0.00	205.68	ppb
Sulfur	34-1	-592.40	-1293.10	-1124.52	-1003.34		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.12	0.11	0.10	0.11	9.84	ppb
Thallium	205-1	0.11	0.11	0.10	0.11	5.17	ppb
Tin	118-1	0.19	0.20	0.22	0.20	6.83	ppb
Titanium	47-1	0.09	0.03	0.01	0.04	83.18	ppb
Uranium	238-1	0.01	0.00	0.01	0.01	14.91	ppb
Vanadium	51-2	-0.01	-0.02	-0.01	-0.01		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.08	-0.03	0.11	0.05	143.96	ppb
Zirconium	90-1	0.04	0.03	0.05	0.04	19.74	ppb

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	CCB36	Instrumnet Name :	P8
Client Sample ID :	CCB36	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 17:34:31	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.00	0.04	0.02	118.25	ppb

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 17:37:39	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.56	21.36	9.64	16.85	37.45	ppb
Antimony	121-1	1.88	1.89	1.91	1.90	0.90	ppb
Arsenic	75-2	0.88	0.88	0.96	0.91	4.93	ppb
Barium	135-1	8.50	8.68	9.00	8.73	2.91	ppb
Barium	137-1	8.64	8.85	8.64	8.71	1.43	ppb
Beryllium	9-1	1.03	0.86	0.95	0.95	8.88	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	28.94	27.68	28.41	28.34	2.24	ppb
Boron	11-1	29.41	29.64	29.32	29.46	0.56	ppb
Cadmium	111-1	0.79	0.94	0.86	0.86	8.66	ppb
Cadmium	106-1	-0.26	-0.05	0.17	-0.05		ppb
Cadmium	108-1	0.87	0.83	0.90	0.86	4.13	ppb
Calcium	43-1	395.83	405.18	413.23	404.75	2.15	ppb
Calcium	44-1	448.00	439.15	438.08	441.74	1.23	ppb
Chromium	52-2	1.94	1.90	2.13	1.99	6.31	ppb
Cobalt	59-2	0.82	0.90	0.97	0.90	8.65	ppb
Copper	63-2	1.86	2.07	2.09	2.01	6.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	45.63	48.65	50.80	48.36	5.37	ppb
Iron	57-2	46.46	44.57	41.39	44.14	5.80	ppb
Lead	206-1	1.04	1.00	1.07	1.04	3.34	ppb
Lead	207-1	1.09	1.05	0.97	1.04	5.83	ppb
Lead	208-1	1.07	1.04	1.03	1.05	2.23	ppb
Lithium	6-1						%
Magnesium	24-2	435.54	444.81	456.43	445.59	2.35	ppb
Manganese	55-2	0.85	0.96	1.18	0.99	16.77	ppb

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 17:37:39	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.84	2.01	1.95	1.93	4.46	ppb
Molybdenum	95-1	4.35	4.28	4.07	4.23	3.38	ppb
Molybdenum	96-1	3.80	3.71	3.68	3.73	1.72	ppb
Molybdenum	97-1	4.28	4.24	4.28	4.27	0.60	ppb
Molybdenum	98-1	4.15	4.32	4.31	4.26	2.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.96	0.86	0.97	0.93	6.57	ppb
Phosphorus	31-2	-30.21	-30.21	7.14	-17.76		ppb
Potassium	39-2	484.70	479.14	513.41	492.41	3.74	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-1.62	-1.62	8.60	1.78	330.83	ppb
Selenium	78-2	8.13	5.35	7.14	6.87	20.45	ppb
Selenium	82-1	4.73	3.50	4.23	4.15	14.79	ppb
Silicon	28-1	-3.19	-5.71	-5.89	-4.93		ppb
Silver	109-1	1.18	1.29	1.23	1.23	4.62	ppb
Silver	107-1	1.17	1.28	1.19	1.22	5.03	ppb
Sodium	23-2	514.49	511.93	534.17	520.20	2.34	ppb
Strontium	86-1	0.87	0.85	0.88	0.87	1.96	ppb
Strontium	88-1	0.91	0.90	0.91	0.90	0.74	ppb
Sulfur	34-1	-1122.50	-1418.69	-1442.49	-1327.89		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.94	0.91	0.91	0.92	1.54	ppb
Thallium	205-1	0.93	0.88	0.93	0.91	2.85	ppb
Tin	118-1	4.51	4.44	4.55	4.50	1.23	ppb
Titanium	47-1	4.07	4.25	4.15	4.16	2.23	ppb
Uranium	238-1	0.81	0.81	0.86	0.83	3.10	ppb
Vanadium	51-2	4.41	4.56	4.68	4.55	2.96	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.04	1.81	2.10	1.98	7.55	ppb
Zirconium	90-1	0.87	0.91	0.86	0.88	2.92	ppb

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 17:37:39	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.82	0.81	0.92	0.85	7.00	ppb

LB Number : LB90169 Operator : Jaswal
 Lab Sample ID : PB102401BL Instrumnet Name : P8
 Client Sample ID : PB102401BL Dilution Factor : 1
 Date & Time Acquired :: 2017-09-19 17:40:48 DataFile Name : 019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-3.25	-2.04	-3.24	-2.84		ppb
Antimony	121-1	0.05	0.06	0.06	0.06	11.29	ppb
Arsenic	75-2	-0.01	-0.02	-0.02	-0.02		ppb
Barium	135-1	0.01	-0.01	-0.01	0.00		ppb
Barium	137-1	0.00	0.01	-0.01	0.00	643.24	ppb
Beryllium	9-1	0.04	0.11	0.10	0.08	46.26	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	7.54	7.98	6.07	7.20	13.90	ppb
Boron	11-1	7.17	7.03	6.59	6.93	4.38	ppb
Cadmium	111-1	-0.13	-0.07	-0.01	-0.07		ppb
Cadmium	106-1	-1.88	-1.07	-0.20	-1.05		ppb
Cadmium	108-1	-0.07	-0.04	-0.09	-0.06		ppb
Calcium	43-1	-32.33	-24.60	-25.75	-27.56		ppb
Calcium	44-1	-1.30	4.65	4.16	2.50	131.99	ppb
Chromium	52-2	-0.14	-0.10	-0.07	-0.10		ppb
Cobalt	59-2	-0.02	-0.02	-0.01	-0.02		ppb
Copper	63-2	0.03	0.00	0.00	0.01	163.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1.31	1.59	1.16	1.35	16.43	ppb
Iron	57-2	1.14	1.11	2.30	1.52	44.80	ppb
Lead	206-1	0.04	0.03	0.03	0.03	11.05	ppb
Lead	207-1	0.02	0.05	0.06	0.05	53.69	ppb
Lead	208-1	0.04	0.05	0.05	0.05	17.85	ppb
Lithium	6-1						%
Magnesium	24-2	2.82	1.71	2.36	2.30	24.29	ppb
Manganese	55-2	0.09	0.12	0.04	0.08	47.72	ppb

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	PB102401BL	Instrumnet Name :	P8
Client Sample ID :	PB102401BL	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 17:40:48	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.04	0.03	0.03	35.33	ppb
Molybdenum	95-1	0.07	0.06	0.05	0.06	19.14	ppb
Molybdenum	96-1	0.05	0.05	0.06	0.06	10.20	ppb
Molybdenum	97-1	0.06	0.10	0.03	0.06	50.91	ppb
Molybdenum	98-1	0.05	0.05	0.06	0.05	13.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.08	-0.11	-0.03	-0.07		ppb
Phosphorus	31-2	-30.21	5.71	6.23	-6.09		ppb
Potassium	39-2	-12.45	10.74	29.74	9.34	226.18	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-1.62	-1.62	-1.62	-1.62		ppb
Selenium	78-2	0.24	0.25	0.98	0.49	85.61	ppb
Selenium	82-1	-0.04	-0.23	-0.51	-0.26		ppb
Silicon	28-1	-20.77	-15.95	-18.78	-18.50		ppb
Silver	109-1	0.03	0.02	0.03	0.03	20.24	ppb
Silver	107-1	0.02	0.03	0.01	0.02	31.30	ppb
Sodium	23-2	49.98	52.37	51.58	51.31	2.37	ppb
Strontium	86-1	-0.04	-0.06	-0.01	-0.04		ppb
Strontium	88-1	0.00	0.00	-0.01	0.00		ppb
Sulfur	34-1	-1660.10	-1441.99	-1259.13	-1453.74		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.03	0.02	0.02	16.95	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	22.32	ppb
Tin	118-1	0.07	0.08	0.05	0.07	20.22	ppb
Titanium	47-1	-0.05	-0.04	-0.02	-0.04		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	-0.01	-0.02	-0.01		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.14	0.27	0.19	0.20	34.70	ppb
Zirconium	90-1	0.03	0.02	0.02	0.02	16.59	ppb

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	PB102401BL	Instrumnet Name :	P8
Client Sample ID :	PB102401BL	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 17:40:48	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.01	-0.02	0.01	425.88	ppb

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	PB102401BS	Instrumnet Name :	P8
Client Sample ID :	PB102401BS	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 17:43:56	DataFile Name :	020LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9514.68	9851.36	9579.33	9648.46	1.85	ppb
Antimony	121-1	508.70	510.13	502.95	507.26	0.75	ppb
Arsenic	75-2	497.00	493.25	499.05	496.43	0.59	ppb
Barium	135-1	2487.99	2549.21	2531.81	2523.00	1.25	ppb
Barium	137-1	2493.20	2496.15	2485.81	2491.72	0.21	ppb
Beryllium	9-1	496.56	502.93	503.46	500.98	0.77	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	483.58	487.48	499.50	490.19	1.69	ppb
Boron	11-1	480.51	497.96	506.46	494.98	2.67	ppb
Cadmium	111-1	501.21	508.86	502.11	504.06	0.83	ppb
Cadmium	106-1	495.76	506.56	499.62	500.65	1.09	ppb
Cadmium	108-1	508.97	506.79	505.90	507.22	0.31	ppb
Calcium	43-1	49684.90	49656.02	50713.21	50018.04	1.20	ppb
Calcium	44-1	49241.65	49066.25	49967.62	49425.18	0.97	ppb
Chromium	52-2	486.52	499.93	483.91	490.12	1.75	ppb
Cobalt	59-2	480.82	499.41	480.50	486.91	2.22	ppb
Copper	63-2	980.69	1029.64	995.27	1001.87	2.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	24867.12	25467.13	24773.72	25035.99	1.50	ppb
Iron	57-2	24441.87	25538.27	24564.88	24848.34	2.42	ppb
Lead	206-1	492.75	497.11	507.11	498.99	1.48	ppb
Lead	207-1	501.21	491.29	504.29	498.93	1.36	ppb
Lead	208-1	495.59	492.28	503.64	497.17	1.17	ppb
Lithium	6-1						%
Magnesium	24-2	50752.42	51931.36	50961.70	51215.16	1.23	ppb
Manganese	55-2	991.46	1021.15	987.76	1000.12	1.83	ppb

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	PB102401BS	Instrumnet Name :	P8
Client Sample ID :	PB102401BS	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 17:43:56	DataFile Name :	020LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	495.55	489.54	500.84	495.31	1.14	ppb
Molybdenum	95-1	490.82	484.50	498.10	491.14	1.39	ppb
Molybdenum	96-1	495.38	478.02	499.22	490.87	2.30	ppb
Molybdenum	97-1	481.50	475.49	487.45	481.48	1.24	ppb
Molybdenum	98-1	493.22	487.42	493.50	491.38	0.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	485.30	503.63	486.38	491.77	2.09	ppb
Phosphorus	31-2	9561.29	10903.97	10261.14	10242.13	6.56	ppb
Potassium	39-2	24517.06	25492.46	24885.33	24964.95	1.97	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	458.88	645.29	634.81	579.66	18.07	ppb
Selenium	78-2	492.11	508.58	498.38	499.69	1.66	ppb
Selenium	82-1	490.63	480.61	498.21	489.82	1.80	ppb
Silicon	28-1	497.46	503.63	519.60	506.90	2.25	ppb
Silver	109-1	518.67	514.89	509.65	514.40	0.88	ppb
Silver	107-1	514.28	514.78	519.84	516.30	0.60	ppb
Sodium	23-2	50041.29	51084.78	49406.24	50177.44	1.69	ppb
Strontium	86-1	483.57	482.81	491.22	485.87	0.96	ppb
Strontium	88-1	496.06	490.66	494.84	493.85	0.57	ppb
Sulfur	34-1	10608.50	10870.45	11168.92	10882.63	2.58	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	498.48	495.61	500.93	498.34	0.53	ppb
Thallium	205-1	486.19	484.89	492.59	487.89	0.84	ppb
Tin	118-1	505.73	514.45	506.44	508.87	0.95	ppb
Titanium	47-1	489.40	489.73	497.36	492.16	0.92	ppb
Uranium	238-1	478.70	482.05	484.88	481.88	0.64	ppb
Vanadium	51-2	487.93	509.15	493.55	496.88	2.21	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	977.58	1016.26	976.28	990.04	2.29	ppb
Zirconium	90-1	492.85	483.81	496.25	490.97	1.31	ppb

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	PB102401BS	Instrumnet Name :	P8
Client Sample ID :	PB102401BS	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 17:43:56	DataFile Name :	020LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	501.07	483.48	501.50	495.35	2.08	ppb

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	PB102401BSD	Instrumnet Name :	P8
Client Sample ID :	PB102401BSD	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 17:46:55	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9837.49	9622.28	9658.58	9706.12	1.19	ppb
Antimony	121-1	514.09	507.27	499.58	506.98	1.43	ppb
Arsenic	75-2	495.33	499.85	509.39	501.52	1.43	ppb
Barium	135-1	2559.90	2524.22	2476.59	2520.24	1.66	ppb
Barium	137-1	2536.70	2518.14	2458.21	2504.35	1.64	ppb
Beryllium	9-1	512.97	509.31	498.28	506.85	1.51	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	500.08	514.79	505.24	506.70	1.47	ppb
Boron	11-1	498.93	511.76	507.96	506.22	1.30	ppb
Cadmium	111-1	510.38	503.27	498.60	504.08	1.18	ppb
Cadmium	106-1	519.23	507.92	489.54	505.56	2.96	ppb
Cadmium	108-1	514.39	510.69	501.62	508.90	1.29	ppb
Calcium	43-1	51193.51	50504.43	49148.39	50282.11	2.07	ppb
Calcium	44-1	51205.01	50315.40	49195.69	50238.70	2.00	ppb
Chromium	52-2	492.75	487.83	487.64	489.41	0.59	ppb
Cobalt	59-2	490.03	492.65	490.90	491.19	0.27	ppb
Copper	63-2	1003.52	1006.80	1005.95	1005.42	0.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	25256.72	25192.44	25376.64	25275.27	0.37	ppb
Iron	57-2	25023.54	24951.24	24869.39	24948.06	0.31	ppb
Lead	206-1	510.89	500.53	503.99	505.14	1.04	ppb
Lead	207-1	509.78	506.36	505.02	507.05	0.48	ppb
Lead	208-1	508.19	504.12	501.68	504.66	0.65	ppb
Lithium	6-1						%
Magnesium	24-2	51465.71	50801.68	50259.16	50842.18	1.19	ppb
Manganese	55-2	1004.80	1003.45	991.68	999.98	0.72	ppb

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	PB102401BSD	Instrumnet Name :	P8
Client Sample ID :	PB102401BSD	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 17:46:55	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	506.15	500.73	491.94	499.61	1.44	ppb
Molybdenum	95-1	507.77	507.10	492.39	502.42	1.73	ppb
Molybdenum	96-1	507.18	501.96	495.78	501.64	1.14	ppb
Molybdenum	97-1	495.61	488.11	480.64	488.12	1.53	ppb
Molybdenum	98-1	505.34	495.03	484.86	495.07	2.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	496.28	497.05	490.02	494.45	0.78	ppb
Phosphorus	31-2	10931.69	9935.58	10248.73	10372.00	4.91	ppb
Potassium	39-2	25190.59	25086.52	25092.69	25123.27	0.23	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	526.91	479.68	505.47	504.02	4.69	ppb
Selenium	78-2	482.44	498.42	517.41	499.42	3.51	ppb
Selenium	82-1	509.60	499.18	488.35	499.04	2.13	ppb
Silicon	28-1	521.47	507.01	489.97	506.15	3.12	ppb
Silver	109-1	525.26	515.83	509.88	516.99	1.50	ppb
Silver	107-1	527.02	521.44	508.78	519.08	1.80	ppb
Sodium	23-2	50862.67	50529.77	50319.50	50570.65	0.54	ppb
Strontium	86-1	497.43	502.85	483.16	494.48	2.06	ppb
Strontium	88-1	509.67	498.36	487.97	498.67	2.18	ppb
Sulfur	34-1	10934.82	10447.94	9803.54	10395.43	5.46	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	508.83	499.10	500.55	502.83	1.04	ppb
Thallium	205-1	500.00	492.78	492.59	495.12	0.85	ppb
Tin	118-1	511.81	514.30	503.02	509.71	1.16	ppb
Titanium	47-1	505.94	501.56	488.40	498.63	1.83	ppb
Uranium	238-1	499.10	487.59	484.83	490.51	1.54	ppb
Vanadium	51-2	496.30	497.56	492.46	495.44	0.54	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1002.40	995.83	987.50	995.24	0.75	ppb
Zirconium	90-1	503.97	497.35	489.89	497.07	1.42	ppb

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	PB102401BSD	Instrumnet Name :	P8
Client Sample ID :	PB102401BSD	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 17:46:55	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	510.25	503.97	489.48	501.23	2.13	ppb

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	I5261-01	Instrumnet Name :	P8
Client Sample ID :	1708235765	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 17:49:55	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	256.92	236.29	242.73	245.31	4.30	ppb
Antimony	121-1	0.70	0.78	0.64	0.71	10.06	ppb
Arsenic	75-2	0.65	0.66	0.72	0.68	6.08	ppb
Barium	135-1	747.89	771.13	807.93	775.65	3.90	ppb
Barium	137-1	760.13	769.07	806.85	778.68	3.18	ppb
Beryllium	9-1	0.28	0.23	0.25	0.25	9.97	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	112.79	112.49	115.54	113.61	1.48	ppb
Boron	11-1	115.55	112.66	113.65	113.95	1.29	ppb
Cadmium	111-1	0.08	0.08	0.07	0.07	9.55	ppb
Cadmium	106-1	-0.12	-0.28	-0.51	-0.30		ppb
Cadmium	108-1	0.38	0.71	0.54	0.55	30.28	ppb
Calcium	43-1	71236.22	73060.67	75010.00	73102.30	2.58	ppb
Calcium	44-1	70808.35	72260.40	74454.74	72507.83	2.53	ppb
Chromium	52-2	2.91	2.88	2.97	2.92	1.61	ppb
Cobalt	59-2	2.63	2.71	2.72	2.68	1.79	ppb
Copper	63-2	88.95	84.70	87.81	87.16	2.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	542.31	523.60	539.90	535.27	1.90	ppb
Iron	57-2	530.66	517.09	540.40	529.38	2.21	ppb
Lead	206-1	0.57	0.61	0.58	0.59	3.24	ppb
Lead	207-1	0.53	0.57	0.56	0.56	3.88	ppb
Lead	208-1	0.54	0.57	0.57	0.56	3.48	ppb
Lithium	6-1						%
Magnesium	24-2	25115.04	23967.71	24938.51	24673.75	2.50	ppb
Manganese	55-2	150.44	143.45	150.37	148.08	2.71	ppb

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	I5261-01	Instrumnet Name :	P8
Client Sample ID :	1708235765	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 17:49:55	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	9.91	10.04	10.10	10.02	0.96	ppb
Molybdenum	95-1	24.58	25.27	25.67	25.17	2.18	ppb
Molybdenum	96-1	20.55	21.09	21.60	21.08	2.50	ppb
Molybdenum	97-1	24.74	25.47	25.75	25.32	2.05	ppb
Molybdenum	98-1	24.49	25.09	25.47	25.02	1.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	17.34	16.92	16.35	16.87	2.94	ppb
Phosphorus	31-2	47159.64	46576.97	47140.65	46959.09	0.70	ppb
Potassium	39-2	323686.93	310819.33	321680.97	318729.08	2.17	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-1.62	3.13	3.14	1.55	177.43	ppb
Selenium	78-2	1.68	3.77	0.94	2.13	69.02	ppb
Selenium	82-1	2.60	2.00	2.28	2.29	13.15	ppb
Silicon	28-1	2641.44	2992.02	2929.72	2854.40	6.55	ppb
Silver	109-1	0.06	0.05	0.05	0.06	13.70	ppb
Silver	107-1	0.06	0.05	0.07	0.06	14.02	ppb
Sodium	23-2	37267.91	35961.26	37584.90	36938.02	2.33	ppb
Strontium	86-1	572.99	588.21	592.38	584.53	1.75	ppb
Strontium	88-1	568.57	583.58	594.21	582.12	2.21	ppb
Sulfur	34-1	20088.82	20552.72	21650.69	20764.08	3.86	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.12	0.12	0.09	0.11	14.31	ppb
Thallium	205-1	0.11	0.12	0.10	0.11	7.92	ppb
Tin	118-1	4.69	5.15	4.16	4.67	10.56	ppb
Titanium	47-1	19.72	19.70	21.60	20.34	5.35	ppb
Uranium	238-1	0.11	0.10	0.09	0.10	5.78	ppb
Vanadium	51-2	0.79	0.72	0.77	0.76	4.27	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	228.02	221.28	228.97	226.09	1.86	ppb
Zirconium	90-1	3.49	3.33	3.17	3.33	4.79	ppb

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	I5261-01	Instrumnet Name :	P8
Client Sample ID :	1708235765	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 17:49:55	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	3.39	3.21	3.16	3.25	3.71	ppb

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	I5261-01DLX2	Instrumnet Name :	P8
Client Sample ID :	1708235765DL	Dilution Factor :	2
Date & Time Acquired ::	2017-09-19 17:53:00	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	154.90	113.91	135.39	134.73	15.22	ppb
Antimony	121-1	0.18	0.15	0.14	0.15	12.60	ppb
Arsenic	75-2	0.46	0.35	0.32	0.38	19.07	ppb
Barium	135-1	387.40	381.32	385.85	384.86	0.82	ppb
Barium	137-1	387.35	384.55	387.02	386.31	0.40	ppb
Beryllium	9-1	0.15	0.14	0.11	0.14	14.66	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	57.52	58.91	55.70	57.38	2.81	ppb
Boron	11-1	57.61	56.93	57.30	57.28	0.59	ppb
Cadmium	111-1	0.04	-0.01	-0.06	-0.01		ppb
Cadmium	106-1	-0.37	-0.77	-1.29	-0.81		ppb
Cadmium	108-1	0.04	0.34	0.04	0.14	120.50	ppb
Calcium	43-1	36482.82	35767.26	35899.56	36049.88	1.06	ppb
Calcium	44-1	36748.74	35702.36	36046.93	36166.01	1.47	ppb
Chromium	52-2	1.56	1.28	1.36	1.40	10.16	ppb
Cobalt	59-2	1.43	1.30	1.36	1.36	4.80	ppb
Copper	63-2	49.19	43.59	43.77	45.52	6.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	288.51	262.23	259.43	270.05	5.94	ppb
Iron	57-2	303.80	258.84	255.64	272.76	9.87	ppb
Lead	206-1	0.25	0.27	0.29	0.27	6.41	ppb
Lead	207-1	0.25	0.27	0.25	0.26	4.84	ppb
Lead	208-1	0.27	0.29	0.28	0.28	3.02	ppb
Lithium	6-1						%
Magnesium	24-2	13775.01	12324.63	12086.80	12728.81	7.18	ppb
Manganese	55-2	82.03	72.19	72.60	75.60	7.36	ppb

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	I5261-01DLX2	Instrumnet Name :	P8
Client Sample ID :	1708235765DL	Dilution Factor :	2
Date & Time Acquired ::	2017-09-19 17:53:00	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.64	4.56	4.77	4.66	2.30	ppb
Molybdenum	95-1	12.20	12.30	12.59	12.36	1.64	ppb
Molybdenum	96-1	10.09	10.22	10.52	10.28	2.15	ppb
Molybdenum	97-1	12.27	12.48	12.64	12.46	1.48	ppb
Molybdenum	98-1	11.96	12.54	12.62	12.37	2.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.38	8.20	8.68	8.75	6.77	ppb
Phosphorus	31-2	26317.05	21736.06	23235.46	23762.86	9.83	ppb
Potassium	39-2	180795.37	160975.91	160750.94	167507.41	6.87	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	3.46	-1.62	2.94	1.59	175.65	ppb
Selenium	78-2	3.31	0.90	0.88	1.70	82.53	ppb
Selenium	82-1	0.78	0.14	1.03	0.65	71.08	ppb
Silicon	28-1	1415.20	1175.56	1368.46	1319.74	9.63	ppb
Silver	109-1	0.03	0.03	0.02	0.03	8.04	ppb
Silver	107-1	0.02	0.04	0.03	0.03	24.55	ppb
Sodium	23-2	20636.33	18513.05	18466.58	19205.32	6.45	ppb
Strontium	86-1	284.38	282.46	285.18	284.01	0.49	ppb
Strontium	88-1	290.23	286.23	293.40	289.96	1.24	ppb
Sulfur	34-1	9255.91	9069.09	9542.65	9289.22	2.57	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.04	0.03	0.03	18.65	ppb
Thallium	205-1	0.03	0.02	0.04	0.03	22.33	ppb
Tin	118-1	1.89	1.91	1.73	1.84	5.31	ppb
Titanium	47-1	8.68	8.61	9.04	8.78	2.60	ppb
Uranium	238-1	0.04	0.04	0.04	0.04	0.50	ppb
Vanadium	51-2	0.47	0.39	0.36	0.41	13.13	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	128.76	114.98	111.40	118.38	7.74	ppb
Zirconium	90-1	1.14	1.11	1.10	1.12	2.11	ppb

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	I5261-01DLX2	Instrumnet Name :	P8
Client Sample ID :	1708235765DL	Dilution Factor :	2
Date & Time Acquired ::	2017-09-19 17:53:00	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.14	1.05	1.11	1.10	4.00	ppb

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	I5261-01DL2X20	Instrumnet Name :	P8
Client Sample ID :	1708235765DL2	Dilution Factor :	20
Date & Time Acquired ::	2017-09-19 17:56:07	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.87	9.73	4.95	7.52	32.08	ppb
Antimony	121-1	0.06	0.06	0.05	0.05	11.81	ppb
Arsenic	75-2	0.04	0.04	0.02	0.04	27.70	ppb
Barium	135-1	37.37	36.92	37.04	37.11	0.62	ppb
Barium	137-1	37.86	36.76	37.77	37.46	1.64	ppb
Beryllium	9-1	0.09	0.05	0.11	0.08	35.43	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	13.54	13.67	14.30	13.84	2.94	ppb
Boron	11-1	14.42	13.75	13.07	13.75	4.89	ppb
Cadmium	111-1	-0.15	-0.12	-0.11	-0.13		ppb
Cadmium	106-1	-2.29	-1.67	-1.66	-1.87		ppb
Cadmium	108-1	0.10	-0.01	0.05	0.05	123.40	ppb
Calcium	43-1	3667.54	3546.10	3600.41	3604.68	1.69	ppb
Calcium	44-1	3656.53	3659.23	3712.62	3676.13	0.86	ppb
Chromium	52-2	0.23	0.10	0.14	0.16	43.65	ppb
Cobalt	59-2	0.10	0.10	0.09	0.10	9.24	ppb
Copper	63-2	4.58	4.46	4.44	4.50	1.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	27.69	26.47	25.57	26.58	4.01	ppb
Iron	57-2	24.45	30.31	24.47	26.41	12.80	ppb
Lead	206-1	0.03	0.05	0.04	0.04	21.45	ppb
Lead	207-1	0.06	0.05	0.06	0.06	8.20	ppb
Lead	208-1	0.05	0.05	0.05	0.05	5.33	ppb
Lithium	6-1						%
Magnesium	24-2	1258.92	1205.49	1198.18	1220.86	2.72	ppb
Manganese	55-2	7.70	7.76	6.78	7.41	7.36	ppb

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	I5261-01DL2X20	Instrumnet Name :	P8
Client Sample ID :	1708235765DL2	Dilution Factor :	20
Date & Time Acquired ::	2017-09-19 17:56:07	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.46	0.42	0.52	0.46	10.29	ppb
Molybdenum	95-1	1.28	1.22	1.27	1.26	2.53	ppb
Molybdenum	96-1	1.05	1.00	0.99	1.02	3.18	ppb
Molybdenum	97-1	1.26	1.29	1.30	1.28	1.50	ppb
Molybdenum	98-1	1.27	1.23	1.19	1.23	3.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.86	0.57	0.78	0.74	20.85	ppb
Phosphorus	31-2	2492.94	2119.51	2443.58	2352.01	8.62	ppb
Potassium	39-2	16486.04	15812.58	15984.56	16094.39	2.17	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-1.62	-1.62	3.05	-0.06		ppb
Selenium	78-2	0.92	0.92	-0.48	0.45	179.56	ppb
Selenium	82-1	0.09	-0.53	0.48	0.01	4003.40	ppb
Silicon	28-1	119.92	113.35	122.58	118.62	4.00	ppb
Silver	109-1	0.02	0.01	0.02	0.02	24.33	ppb
Silver	107-1	0.03	0.02	0.01	0.02	31.61	ppb
Sodium	23-2	1929.60	1821.86	1843.75	1865.07	3.05	ppb
Strontium	86-1	28.08	27.83	27.96	27.96	0.45	ppb
Strontium	88-1	28.57	28.21	28.47	28.42	0.64	ppb
Sulfur	34-1	-287.33	-490.16	-460.90	-412.80		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.01	0.00	0.00	438.95	ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.28	0.18	0.41	0.29	40.10	ppb
Titanium	47-1	0.91	0.85	1.10	0.95	13.43	ppb
Uranium	238-1	0.01	0.01	0.00	0.00	55.08	ppb
Vanadium	51-2	0.01	0.03	0.02	0.02	45.42	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	12.15	12.78	11.51	12.15	5.22	ppb
Zirconium	90-1	0.11	0.11	0.11	0.11	1.50	ppb

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	I5261-01DL2X20	Instrumnet Name :	P8
Client Sample ID :	1708235765DL2	Dilution Factor :	20
Date & Time Acquired ::	2017-09-19 17:56:07	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.13	0.11	0.14	0.13	10.99	ppb

LB Number : LB90169 Operator : Jaswal
 Lab Sample ID : I5232-08DLX20 Instrumnet Name : P8
 Client Sample ID : WP021MW463-170911D Dilution Factor : 20
 Date & Time Acquired :: 2017-09-19 18:05:36 DataFile Name : 027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.05	7.57	3.39	7.00	48.05	ppb
Antimony	121-1	0.38	0.37	0.34	0.36	5.43	ppb
Arsenic	75-2	0.06	0.11	0.06	0.08	41.49	ppb
Barium	135-1	3.02	3.16	2.98	3.05	3.03	ppb
Barium	137-1	3.00	2.99	3.12	3.04	2.34	ppb
Beryllium	9-1	0.18	0.17	0.16	0.17	4.77	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	77.06	78.63	80.41	78.70	2.13	ppb
Boron	11-1	75.75	80.76	77.36	77.96	3.28	ppb
Cadmium	111-1	-0.02	0.00	0.03	0.00	1198.55	ppb
Cadmium	106-1	-1.32	-0.87	-0.42	-0.87		ppb
Cadmium	108-1	0.10	-0.09	0.11	0.04	278.67	ppb
Calcium	43-1	15690.05	16129.42	16221.39	16013.62	1.77	ppb
Calcium	44-1	15765.88	16303.31	16089.04	16052.74	1.69	ppb
Chromium	52-2	134.33	133.42	145.27	137.67	4.79	ppb
Cobalt	59-2	0.16	0.22	0.15	0.18	20.75	ppb
Copper	63-2	0.47	0.51	0.56	0.51	8.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	78.74	77.87	86.14	80.92	5.62	ppb
Iron	57-2	69.01	79.43	74.67	74.37	7.02	ppb
Lead	206-1	0.10	0.07	0.12	0.10	28.25	ppb
Lead	207-1	0.12	0.12	0.14	0.13	10.58	ppb
Lead	208-1	0.11	0.11	0.12	0.11	6.20	ppb
Lithium	6-1						%
Magnesium	24-2	2379.10	2455.64	2573.18	2469.30	3.96	ppb
Manganese	55-2	3.66	4.31	4.52	4.16	10.72	ppb

LB Number : LB90169 Operator : Jaswal
 Lab Sample ID : I5232-08DLX20 Instrumnet Name : P8
 Client Sample ID : WP021MW463-170911D Dilution Factor : 20
 Date & Time Acquired :: 2017-09-19 18:05:36 DataFile Name : 027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.09	0.10	0.11	0.10	14.11	ppb
Molybdenum	95-1	0.21	0.17	0.19	0.19	11.64	ppb
Molybdenum	96-1	0.17	0.18	0.15	0.17	8.31	ppb
Molybdenum	97-1	0.23	0.15	0.11	0.16	38.05	ppb
Molybdenum	98-1	0.18	0.16	0.16	0.17	6.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.08	-0.01	0.03	147.59	ppb
Phosphorus	31-2	-12.53	5.05	-11.22	-6.23		ppb
Potassium	39-2	545.43	503.94	576.01	541.79	6.68	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-1.62	-1.62	3.65	0.13	2274.71	ppb
Selenium	78-2	0.23	-0.48	1.09	0.28	282.80	ppb
Selenium	82-1	0.20	0.44	0.06	0.23	81.85	ppb
Silicon	28-1	927.77	943.22	934.29	935.09	0.83	ppb
Silver	109-1	0.19	0.25	0.23	0.22	12.17	ppb
Silver	107-1	0.21	0.20	0.23	0.21	6.12	ppb
Sodium	23-2	9042.42	8940.83	9530.93	9171.39	3.44	ppb
Strontium	86-1	108.56	111.73	111.80	110.70	1.67	ppb
Strontium	88-1	113.74	116.60	116.00	115.45	1.31	ppb
Sulfur	34-1	3158.01	3735.21	3556.70	3483.31	8.48	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.23	0.24	0.23	0.23	1.39	ppb
Thallium	205-1	0.26	0.24	0.23	0.24	6.82	ppb
Tin	118-1	0.59	0.59	0.53	0.57	5.99	ppb
Titanium	47-1	0.71	0.83	0.74	0.76	8.38	ppb
Uranium	238-1	0.43	0.42	0.44	0.43	2.40	ppb
Vanadium	51-2	0.16	0.13	0.17	0.15	13.99	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	3.44	2.83	3.13	3.13	9.74	ppb
Zirconium	90-1	0.08	0.08	0.08	0.08	4.41	ppb

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	I5232-08DLX20	Instrumnet Name :	P8
Client Sample ID :	WP021MW463-170911DI	Dilution Factor :	20
Date & Time Acquired ::	2017-09-19 18:05:36	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.07	0.06	0.11	0.08	34.38	ppb

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	CCV37	Instrumnet Name :	P8
Client Sample ID :	CCV37	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 18:08:59	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52542.86	51211.25	51606.60	51786.90	1.32	ppb
Antimony	121-1	513.61	519.23	526.54	519.79	1.25	ppb
Arsenic	75-2	524.61	525.47	514.67	521.58	1.15	ppb
Barium	135-1	2583.67	2607.49	2668.24	2619.80	1.66	ppb
Barium	137-1	2569.26	2566.95	2638.72	2591.64	1.57	ppb
Beryllium	9-1	525.30	538.40	526.47	530.06	1.37	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	519.16	544.34	527.79	530.43	2.41	ppb
Boron	11-1	520.09	537.42	536.09	531.20	1.82	ppb
Cadmium	111-1	499.09	503.56	517.55	506.74	1.90	ppb
Cadmium	106-1	502.81	508.07	520.17	510.35	1.74	ppb
Cadmium	108-1	506.64	515.03	518.15	513.27	1.16	ppb
Calcium	43-1	253909.51	257111.69	256975.71	255998.97	0.71	ppb
Calcium	44-1	254376.69	255159.43	257851.99	255796.04	0.71	ppb
Chromium	52-2	525.85	509.37	513.02	516.08	1.68	ppb
Cobalt	59-2	516.66	497.02	501.07	504.92	2.05	ppb
Copper	63-2	1027.53	997.29	1020.75	1015.19	1.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	130449.59	127245.79	127487.67	128394.35	1.39	ppb
Iron	57-2	134230.11	127646.87	129378.58	130418.52	2.62	ppb
Lead	206-1	525.60	528.68	536.91	530.40	1.10	ppb
Lead	207-1	522.94	528.74	535.27	528.98	1.17	ppb
Lead	208-1	522.89	525.48	531.58	526.65	0.85	ppb
Lithium	6-1						%
Magnesium	24-2	262849.14	253794.84	258269.99	258304.66	1.75	ppb
Manganese	55-2	1062.34	1028.44	1044.63	1045.14	1.62	ppb

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	CCV37	Instrumnet Name :	P8
Client Sample ID :	CCV37	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 18:08:59	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	516.49	524.14	518.63	519.75	0.76	ppb
Molybdenum	95-1	513.07	524.39	523.26	520.24	1.20	ppb
Molybdenum	96-1	513.26	524.37	524.09	520.57	1.22	ppb
Molybdenum	97-1	503.26	510.67	513.81	509.25	1.06	ppb
Molybdenum	98-1	513.76	519.65	516.39	516.60	0.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	513.35	499.32	501.01	504.56	1.52	ppb
Phosphorus	31-2	11530.55	9884.09	10384.50	10599.71	7.96	ppb
Potassium	39-2	135314.35	129171.64	132165.24	132217.08	2.32	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	546.87	569.13	530.86	548.95	3.50	ppb
Selenium	78-2	489.62	509.53	545.23	514.79	5.47	ppb
Selenium	82-1	501.83	510.41	515.17	509.14	1.33	ppb
Silicon	28-1	510.32	530.61	525.35	522.09	2.02	ppb
Silver	109-1	514.65	518.41	528.65	520.57	1.39	ppb
Silver	107-1	517.49	519.63	530.81	522.64	1.37	ppb
Sodium	23-2	260056.53	252106.72	255370.32	255844.52	1.56	ppb
Strontium	86-1	528.22	535.97	523.23	529.14	1.21	ppb
Strontium	88-1	527.03	537.49	538.29	534.27	1.18	ppb
Sulfur	34-1	11432.06	12061.29	12143.92	11879.09	3.28	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	522.30	524.53	533.13	526.65	1.09	ppb
Thallium	205-1	517.00	516.62	525.16	519.59	0.93	ppb
Tin	118-1	520.13	522.20	534.95	525.76	1.53	ppb
Titanium	47-1	508.68	515.31	519.93	514.64	1.10	ppb
Uranium	238-1	521.62	529.05	529.49	526.72	0.84	ppb
Vanadium	51-2	534.81	516.89	524.35	525.35	1.71	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1030.50	998.00	1004.69	1011.06	1.70	ppb
Zirconium	90-1	514.94	520.08	524.83	519.95	0.95	ppb

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	CCV37	Instrumnet Name :	P8
Client Sample ID :	CCV37	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 18:08:59	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	519.51	522.40	518.95	520.29	0.36	ppb

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	CCB37	Instrumnet Name :	P8
Client Sample ID :	CCB37	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 18:11:58	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-3.27	-4.50	-0.91	-2.89		ppb
Antimony	121-1	0.32	0.33	0.30	0.32	5.29	ppb
Arsenic	75-2	0.03	0.08	-0.01	0.03	127.00	ppb
Barium	135-1	0.02	0.06	0.05	0.05	44.58	ppb
Barium	137-1	0.04	0.07	0.07	0.06	28.84	ppb
Beryllium	9-1	0.28	0.31	0.28	0.29	4.43	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	19.83	18.17	16.60	18.20	8.88	ppb
Boron	11-1	19.03	18.07	16.53	17.88	7.04	ppb
Cadmium	111-1	-0.03	0.00	0.05	0.00	884.23	ppb
Cadmium	106-1	-0.93	-0.52	0.33	-0.37		ppb
Cadmium	108-1	0.05	0.03	-0.01	0.02	122.26	ppb
Calcium	43-1	-24.44	-4.95	-30.92	-20.10		ppb
Calcium	44-1	10.69	20.89	11.53	14.37	39.38	ppb
Chromium	52-2	-0.02	-0.11	-0.05	-0.06		ppb
Cobalt	59-2	-0.02	-0.02	0.00	-0.01		ppb
Copper	63-2	0.06	0.04	0.11	0.07	45.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	5.70	4.91	4.98	5.20	8.43	ppb
Iron	57-2	6.00	7.89	5.44	6.45	19.90	ppb
Lead	206-1	0.04	0.02	0.03	0.03	34.99	ppb
Lead	207-1	0.06	0.08	0.09	0.07	21.49	ppb
Lead	208-1	0.06	0.07	0.06	0.06	11.57	ppb
Lithium	6-1						%
Magnesium	24-2	9.45	8.44	4.03	7.31	39.40	ppb
Manganese	55-2	0.02	0.15	-0.01	0.05	155.95	ppb

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	CCB37	Instrumnet Name :	P8
Client Sample ID :	CCB37	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 18:11:58	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.09	0.09	0.07	0.08	16.68	ppb
Molybdenum	95-1	0.11	0.14	0.10	0.12	16.97	ppb
Molybdenum	96-1	0.12	0.11	0.13	0.12	11.13	ppb
Molybdenum	97-1	0.11	0.18	0.12	0.14	27.61	ppb
Molybdenum	98-1	0.13	0.13	0.11	0.12	9.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.13	-0.14	-0.11	-0.13		ppb
Phosphorus	31-2	-12.22	41.82	4.95	11.52	239.78	ppb
Potassium	39-2	37.50	46.50	39.56	41.19	11.45	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	8.06	3.30	-1.62	3.25	149.21	ppb
Selenium	78-2	0.24	-0.48	1.71	0.49	229.53	ppb
Selenium	82-1	-0.06	-0.35	0.60	0.06	776.40	ppb
Silicon	28-1	-15.97	-4.85	-15.07	-11.96		ppb
Silver	109-1	0.05	0.04	0.06	0.05	17.57	ppb
Silver	107-1	0.06	0.05	0.04	0.05	14.24	ppb
Sodium	23-2	108.34	102.48	85.32	98.71	12.12	ppb
Strontium	86-1	-0.02	0.07	-0.01	0.01	346.47	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	16.45	ppb
Sulfur	34-1	-1073.78	-16.46	-858.27	-649.50		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.11	0.11	0.08	0.10	14.41	ppb
Thallium	205-1	0.11	0.08	0.08	0.09	14.17	ppb
Tin	118-1	0.23	0.30	0.25	0.26	13.07	ppb
Titanium	47-1	-0.02	0.00	0.00	-0.01		ppb
Uranium	238-1	0.01	0.02	0.02	0.02	17.52	ppb
Vanadium	51-2	0.04	-0.01	0.00	0.01	289.82	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.27	0.46	0.17	0.30	49.71	ppb
Zirconium	90-1	0.06	0.06	0.06	0.06	2.07	ppb

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	CCB37	Instrumnet Name :	P8
Client Sample ID :	CCB37	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 18:11:58	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.05	0.03	0.04	25.34	ppb

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 16:48:46	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	17	42	39	53.93	cps
Antimony	121-1	25	25	50	33	43.30	cps
Arsenic	75-2	7	13	4	8	58.09	cps
Barium	135-1	75	58	75	69	13.85	cps
Barium	137-1	75	58	83	72	17.62	cps
Beryllium	9-1	194	183	189	189	2.94	cps
Bismuth	209-1	6432432	6428017	6458312	6439587	0.25	cps
Bismuth	209-2	1675241	1674619	1669762	1673207	0.18	cps
Boron	10-1	183	225	183	197	12.20	cps
Boron	11-1	850	842	900	864	3.65	cps
Cadmium	111-1	1417	1669	1386	1491	10.40	cps
Cadmium	106-1	2017	2375	1975	2122	10.36	cps
Cadmium	108-1	17	21	13	17	24.99	cps
Calcium	43-1	2459	2209	2409	2359	5.61	cps
Calcium	44-1	30367	28939	30092	29799	2.54	cps
Chromium	52-2	633	683	653	657	3.83	cps
Cobalt	59-2	90	80	87	86	5.95	cps
Copper	63-2	233	243	243	240	2.41	cps
Dysprosium	156-1	42	25	17	28	45.82	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	67	42	33	47	36.74	cps
Erbium	164-2	7	3	10	7	50.03	cps
Gadolinium	160-1	42	125	50	72	63.55	cps
Gadolinium	160-2	13	0	13	9	86.60	cps
Holmium	165-1	10317221	10432337	10297729	10349096	0.70	cps
Holmium	165-2	2157439	2151080	2161397	2156638	0.24	cps
Indium	115-1	8396654	8623171	8558428	8526084	1.37	cps
Indium	115-2	368778	369002	371079	369620	0.34	cps
Iron	56-2	1539	1589	1411	1513	6.06	cps
Iron	57-2	22	50	28	33	44.10	cps
Lead	206-1	833	644	922	800	17.73	cps
Lead	207-1	550	628	578	585	6.74	cps
Lead	208-1	2761	2645	2928	2778	5.13	cps
Lithium	6-1	1198504	1218710	1237486	1218233	1.60	cps
Magnesium	24-2	242	167	300	236	28.31	cps
Manganese	55-2	50	63	60	58	12.01	cps

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 16:48:46	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	283	217	225	242	15.03	cps
Molybdenum	95-1	75	58	50	61	20.83	cps
Molybdenum	96-1	150	117	175	147	19.88	cps
Molybdenum	97-1	75	67	100	81	21.53	cps
Molybdenum	98-1	117	100	58	92	32.77	cps
Neodymium	150-1	33	33	0	22	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	213	213	217	214	0.90	cps
Phosphorus	31-2	17	25	17	19	24.73	cps
Potassium	39-2	3151	2942	2884	2992	4.69	cps
Rhodium	103-1	7863242	7987749	7910293	7920428	0.79	cps
Rhodium	103-2	2043787	2014413	2028058	2028753	0.72	cps
Scandium	45-1	4744128	4832438	4768279	4781615	0.95	cps
Scandium	45-2	40682	39683	40515	40293	1.33	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	2	0	2	1	86.60	cps
Selenium	82-1	-9	-11	-56	-25	-105.03	cps
Silicon	28-1	477388	469667	470456	472504	0.90	cps
Silver	109-1	75	58	25	53	48.24	cps
Silver	107-1	83	117	100	100	16.66	cps
Sodium	23-2	4309	3534	3551	3798	11.66	cps
Strontium	86-1	933	1050	900	961	8.20	cps
Strontium	88-1	575	300	508	461	31.11	cps
Sulfur	34-1	401755	397090	401820	400222	0.68	cps
Terbium	159-1	10562284	10826187	10674891	10687787	1.24	cps
Terbium	159-2	2069540	2074787	2078992	2074439	0.23	cps
Thallium	203-1	233	242	242	239	2.01	cps
Thallium	205-1	633	550	467	550	15.15	cps
Tin	118-1	725	750	642	706	8.04	cps
Titanium	47-1	150	150	208	169	19.88	cps
Uranium	238-1	142	108	83	111	26.34	cps
Vanadium	51-2	20	13	17	17	20.01	cps
Yttrium	89-1	8774078	8806152	8833770	8804667	0.34	cps
Yttrium	89-2	270723	270151	270984	270619	0.16	cps
Zinc	66-2	63	57	43	54	18.71	cps
Zirconium	90-1	542	558	433	511	13.28	cps

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 16:48:46	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	117	117	167	133	21.65	cps

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 16:55:56	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	133	133	192	153	22.05	cps
Antimony	121-1	16553	17654	16369	16859	4.12	cps
Arsenic	75-2	94	91	109	98	9.98	cps
Barium	135-1	17504	18280	17320	17701	2.88	cps
Barium	137-1	30361	31179	29734	30425	2.38	cps
Beryllium	9-1	1306	1361	1156	1274	8.35	cps
Bismuth	209-1	6305650	6287464	5995382	6196165	2.81	cps
Bismuth	209-2	1556631	1616266	1617237	1596711	2.17	cps
Boron	10-1	2975	3184	3367	3175	6.17	cps
Boron	11-1	15192	14992	15943	15376	3.26	cps
Cadmium	111-1	3513	3350	3221	3361	4.35	cps
Cadmium	106-1	2409	2284	2234	2309	3.91	cps
Cadmium	108-1	129	213	121	154	32.88	cps
Calcium	43-1	10454	10755	11372	10860	4.31	cps
Calcium	44-1	172624	177704	167869	172732	2.85	cps
Chromium	52-2	2417	2387	2364	2389	1.12	cps
Cobalt	59-2	1670	1583	1727	1660	4.35	cps
Copper	63-2	3314	3380	3521	3405	3.10	cps
Dysprosium	156-1	0	33	8	14	124.92	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	50	42	67	53	24.12	cps
Erbium	164-2	10	17	7	11	45.82	cps
Gadolinium	160-1	67	108	42	72	46.63	cps
Gadolinium	160-2	23	13	3	13	75.02	cps
Holmium	165-1	10132234	10301440	9755926	10063200	2.77	cps
Holmium	165-2	2044549	2116591	2113890	2091677	1.95	cps
Indium	115-1	8392217	8617594	8157796	8389202	2.74	cps
Indium	115-2	351077	359281	364419	358259	1.88	cps
Iron	56-2	26943	26720	27778	27147	2.05	cps
Iron	57-2	639	783	733	719	10.21	cps
Lead	206-1	7452	7041	6674	7056	5.52	cps
Lead	207-1	6402	6341	5701	6148	6.31	cps
Lead	208-1	29331	28736	26629	28232	5.03	cps
Lithium	6-1	1168004	1205936	1124451	1166130	3.50	cps
Magnesium	24-2	13132	13515	14308	13652	4.39	cps
Manganese	55-2	280	273	300	284	4.88	cps

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 16:55:56	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	14825	14108	14458	14464	2.48	cps
Molybdenum	95-1	17237	18613	17337	17729	4.33	cps
Molybdenum	96-1	19398	19281	18964	19214	1.17	cps
Molybdenum	97-1	10897	10846	10179	10641	3.76	cps
Molybdenum	98-1	27888	28748	27470	28035	2.32	cps
Neodymium	150-1	13	40	0	18	114.57	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	693	700	833	742	10.64	cps
Phosphorus	31-2	0	8	17	8	100.02	cps
Potassium	39-2	10288	10388	11197	10624	4.69	cps
Rhodium	103-1	7740262	7948628	7554018	7747636	2.55	cps
Rhodium	103-2	1913403	1986303	2003509	1967738	2.43	cps
Scandium	45-1	4612351	4784139	4498009	4631500	3.11	cps
Scandium	45-2	38680	39175	39723	39192	1.33	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	20	15	9	15	37.50	cps
Selenium	82-1	548	598	618	588	6.05	cps
Silicon	28-1	496997	509203	499965	502055	1.27	cps
Silver	109-1	11280	11656	10788	11241	3.87	cps
Silver	107-1	11614	11839	11697	11717	0.97	cps
Sodium	23-2	35712	35796	36824	36111	1.71	cps
Strontium	86-1	3626	3384	3284	3431	5.12	cps
Strontium	88-1	20533	20258	20400	20397	0.67	cps
Sulfur	34-1	400718	398910	393822	397817	0.90	cps
Terbium	159-1	10700759	10705588	10230618	10545655	2.59	cps
Terbium	159-2	1967676	2029790	2057464	2018310	2.28	cps
Thallium	203-1	6477	6644	6702	6608	1.77	cps
Thallium	205-1	15635	16061	14784	15493	4.19	cps
Tin	118-1	29392	30076	29500	29656	1.24	cps
Titanium	47-1	4659	4909	4634	4734	3.21	cps
Uranium	238-1	18331	19817	18982	19043	3.91	cps
Vanadium	51-2	2904	2804	3014	2907	3.61	cps
Yttrium	89-1	8748081	8785289	8353102	8628824	2.78	cps
Yttrium	89-2	255775	265212	267042	262676	2.30	cps
Zinc	66-2	313	327	287	309	6.59	cps
Zirconium	90-1	13282	12948	12098	12776	4.78	cps

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 16:55:56	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2559	2884	2575	2673	6.85	cps

LB Number : LB90169 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-19 16:59:25 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6368	6410	6877	6552	4.31	cps
Antimony	121-1	496402	500009	498500	498304	0.36	cps
Arsenic	75-2	5647	5516	5618	5594	1.23	cps
Barium	135-1	516646	513727	511473	513949	0.50	cps
Barium	137-1	897596	899442	892047	896362	0.43	cps
Beryllium	9-1	64483	65387	64991	64954	0.70	cps
Bismuth	209-1	6721000	5847972	6548769	6372580	7.26	cps
Bismuth	209-2	1721600	1731996	1718625	1724074	0.41	cps
Boron	10-1	7335	7794	7486	7538	3.10	cps
Boron	11-1	35252	35963	34643	35286	1.87	cps
Cadmium	111-1	109526	110395	107047	108989	1.59	cps
Cadmium	106-1	12648	13482	12239	12790	4.95	cps
Cadmium	108-1	7798	7606	7811	7738	1.48	cps
Calcium	43-1	102557	105397	104093	104015	1.37	cps
Calcium	44-1	1704358	1732226	1728716	1721767	0.88	cps
Chromium	52-2	52314	51665	51053	51677	1.22	cps
Cobalt	59-2	98726	98421	96726	97958	1.10	cps
Copper	63-2	172026	168544	169064	169878	1.11	cps
Dysprosium	156-1	25	58	25	36	53.30	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	67	25	50	47	44.41	cps
Erbium	164-2	23	3	3	10	115.51	cps
Gadolinium	160-1	100	92	58	83	26.45	cps
Gadolinium	160-2	7	20	13	13	49.99	cps
Holmium	165-1	10796217	9563215	10412259	10257230	6.15	cps
Holmium	165-2	2234330	2234690	2250718	2239913	0.42	cps
Indium	115-1	8975745	7997936	8689097	8554259	5.88	cps
Indium	115-2	382215	383205	379168	381530	0.55	cps
Iron	56-2	1561601	1570252	1578491	1570115	0.54	cps
Iron	57-2	38543	39651	38041	38745	2.13	cps
Lead	206-1	293990	293611	291057	292886	0.54	cps
Lead	207-1	263400	266500	263789	264563	0.64	cps
Lead	208-1	1180175	1183174	1185932	1183094	0.24	cps
Lithium	6-1	1246313	1090163	1201113	1179197	6.81	cps
Magnesium	24-2	165038	167087	165613	165912	0.64	cps
Manganese	55-2	25196	25427	25918	25513	1.44	cps

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 16:59:25	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	383325	384809	384444	384193	0.20	cps
Molybdenum	95-1	209289	208419	207071	208260	0.54	cps
Molybdenum	96-1	267755	269572	263207	266845	1.23	cps
Molybdenum	97-1	126755	129262	128689	128236	1.02	cps
Molybdenum	98-1	332353	336645	331469	333489	0.83	cps
Neodymium	150-1	47	47	40	44	8.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	30945	31195	30296	30812	1.51	cps
Phosphorus	31-2	492	417	500	469	9.78	cps
Potassium	39-2	50358	51119	51044	50840	0.82	cps
Rhodium	103-1	8293790	7249333	8007754	7850292	6.88	cps
Rhodium	103-2	2101763	2078643	2080620	2087009	0.61	cps
Scandium	45-1	5075595	4421209	4877264	4791356	7.00	cps
Scandium	45-2	41578	41742	41234	41518	0.62	cps
Selenium	77-2	13	37	33	28	45.44	cps
Selenium	78-2	170	146	111	143	20.90	cps
Selenium	82-1	6556	6674	6555	6595	1.04	cps
Silicon	28-1	721556	713733	715259	716849	0.58	cps
Silver	109-1	498382	501141	497207	498910	0.40	cps
Silver	107-1	524151	527478	525627	525752	0.32	cps
Sodium	23-2	398081	405164	399937	401061	0.92	cps
Strontium	86-1	132226	135957	135381	134521	1.49	cps
Strontium	88-1	1136884	1154677	1151972	1147845	0.84	cps
Sulfur	34-1	441848	443367	445193	443469	0.38	cps
Terbium	159-1	11215573	9910815	10799779	10642055	6.26	cps
Terbium	159-2	2148684	2154913	2164394	2155997	0.37	cps
Thallium	203-1	359315	360547	359615	359825	0.18	cps
Thallium	205-1	857435	855497	856056	856329	0.12	cps
Tin	118-1	341129	338892	340882	340301	0.36	cps
Titanium	47-1	53512	54390	52391	53431	1.88	cps
Uranium	238-1	1105899	1111856	1105533	1107763	0.32	cps
Vanadium	51-2	34249	34232	33828	34103	0.70	cps
Yttrium	89-1	9158929	8201664	8924813	8761802	5.70	cps
Yttrium	89-2	280690	278020	278116	278942	0.54	cps
Zinc	66-2	14591	15098	14778	14823	1.73	cps
Zirconium	90-1	714602	733071	720472	722715	1.31	cps

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 16:59:25	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	157458	162037	162174	160556	1.67	cps

LB Number : LB90169 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-19 17:02:54 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16736	16210	16460	16469	1.60	cps
Antimony	121-1	1262077	1273362	1264435	1266625	0.47	cps
Arsenic	75-2	13976	13989	13755	13906	0.94	cps
Barium	135-1	1308295	1317769	1312594	1312886	0.36	cps
Barium	137-1	2309252	2303958	2315653	2309621	0.25	cps
Beryllium	9-1	162467	164636	162530	163211	0.76	cps
Bismuth	209-1	6628626	6716677	6705351	6683551	0.72	cps
Bismuth	209-2	1710808	1703570	1711851	1708743	0.26	cps
Boron	10-1	19138	18855	19088	19027	0.80	cps
Boron	11-1	86151	88657	88339	87716	1.56	cps
Cadmium	111-1	271547	276299	271206	273018	1.04	cps
Cadmium	106-1	29015	30318	29174	29503	2.41	cps
Cadmium	108-1	19247	18663	19373	19094	1.98	cps
Calcium	43-1	256640	256672	260901	258071	0.95	cps
Calcium	44-1	4223127	4209144	4247719	4226664	0.46	cps
Chromium	52-2	127329	127494	127345	127390	0.07	cps
Cobalt	59-2	245813	245946	242257	244672	0.86	cps
Copper	63-2	422029	423557	421569	422385	0.25	cps
Dysprosium	156-1	67	25	50	47	44.41	cps
Dysprosium	156-2	7	7	0	4	86.60	cps
Erbium	164-1	42	67	8	39	75.26	cps
Erbium	164-2	7	13	3	8	65.47	cps
Gadolinium	160-1	67	75	67	69	6.93	cps
Gadolinium	160-2	13	17	23	18	28.64	cps
Holmium	165-1	10724082	10813602	10790141	10775942	0.43	cps
Holmium	165-2	2242761	2208160	2244684	2231869	0.92	cps
Indium	115-1	8793739	8940445	8968977	8901054	1.06	cps
Indium	115-2	382524	374769	377462	378252	1.04	cps
Iron	56-2	3909644	3909279	3873896	3897607	0.53	cps
Iron	57-2	98060	96225	96409	96898	1.04	cps
Lead	206-1	740756	745101	749265	745041	0.57	cps
Lead	207-1	666297	674226	677170	672564	0.84	cps
Lead	208-1	2994690	3022882	3029443	3015672	0.61	cps
Lithium	6-1	1261814	1261827	1261640	1261760	0.01	cps
Magnesium	24-2	412384	412761	412919	412688	0.07	cps
Manganese	55-2	64294	62445	63768	63502	1.50	cps

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 17:02:54	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	958339	969053	974176	967189	0.84	cps
Molybdenum	95-1	524365	521938	525997	524100	0.39	cps
Molybdenum	96-1	671616	669939	671272	670942	0.13	cps
Molybdenum	97-1	325328	325498	325844	325557	0.08	cps
Molybdenum	98-1	840673	846880	844499	844017	0.37	cps
Neodymium	150-1	60	73	47	60	22.22	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	76499	77943	77410	77284	0.95	cps
Phosphorus	31-2	1325	1342	1133	1267	9.14	cps
Potassium	39-2	123151	121488	122656	122432	0.70	cps
Rhodium	103-1	8094989	8102561	8146261	8114604	0.34	cps
Rhodium	103-2	2062540	2066388	2045111	2058013	0.55	cps
Scandium	45-1	4971404	5025523	5010368	5002432	0.56	cps
Scandium	45-2	41190	41037	41725	41317	0.87	cps
Selenium	77-2	40	120	73	78	51.66	cps
Selenium	78-2	359	352	369	360	2.32	cps
Selenium	82-1	16391	16600	16638	16543	0.80	cps
Silicon	28-1	971524	958930	970379	966945	0.72	cps
Silver	109-1	1251995	1271783	1261717	1261832	0.78	cps
Silver	107-1	1318536	1317616	1327931	1321361	0.43	cps
Sodium	23-2	1005968	995827	997126	999640	0.55	cps
Strontium	86-1	336385	335753	335440	335859	0.14	cps
Strontium	88-1	2861275	2918951	2886603	2888943	1.00	cps
Sulfur	34-1	505225	497687	501020	501311	0.75	cps
Terbium	159-1	11174432	11228580	11223487	11208833	0.27	cps
Terbium	159-2	2158263	2179895	2168809	2168989	0.50	cps
Thallium	203-1	907850	913479	919225	913518	0.62	cps
Thallium	205-1	2218683	2183613	2215323	2205873	0.88	cps
Tin	118-1	850829	862316	859572	857572	0.70	cps
Titanium	47-1	135098	136199	136921	136073	0.67	cps
Uranium	238-1	2852772	2876932	2835107	2854937	0.74	cps
Vanadium	51-2	85254	84919	84707	84960	0.32	cps
Yttrium	89-1	9050841	9144329	9187192	9127454	0.76	cps
Yttrium	89-2	281197	275507	279929	278878	1.07	cps
Zinc	66-2	37193	36809	37454	37152	0.87	cps
Zirconium	90-1	1883310	1844062	1837884	1855086	1.33	cps

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 17:02:54	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	403274	404025	405531	404277	0.28	cps

LB Number : LB90169 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P8
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-19 17:06:16 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33257	33566	33908	33577	0.97	cps
Antimony	121-1	2543762	2598376	2576702	2572947	1.07	cps
Arsenic	75-2	27435	27691	27546	27557	0.47	cps
Barium	135-1	2632687	2684994	2691453	2669711	1.21	cps
Barium	137-1	4540881	4631489	4608227	4593532	1.02	cps
Beryllium	9-1	324416	331192	330490	328699	1.13	cps
Bismuth	209-1	6708757	6885823	6901603	6832061	1.57	cps
Bismuth	209-2	1762298	1709065	1690111	1720492	2.18	cps
Boron	10-1	37107	38912	38854	38291	2.68	cps
Boron	11-1	173665	177831	179139	176878	1.62	cps
Cadmium	111-1	537904	544442	544869	542405	0.72	cps
Cadmium	106-1	56737	57390	57114	57080	0.57	cps
Cadmium	108-1	37097	38898	38304	38100	2.41	cps
Calcium	43-1	508853	520324	516022	515066	1.13	cps
Calcium	44-1	8291676	8379375	8386252	8352434	0.63	cps
Chromium	52-2	251991	252458	250410	251620	0.43	cps
Cobalt	59-2	487190	488325	482359	485958	0.65	cps
Copper	63-2	835179	833046	827281	831835	0.49	cps
Dysprosium	156-1	83	67	42	64	32.83	cps
Dysprosium	156-2	0	0	10	3	173.21	cps
Erbium	164-1	42	17	67	42	60.00	cps
Erbium	164-2	10	3	0	4	114.60	cps
Gadolinium	160-1	92	75	83	83	10.00	cps
Gadolinium	160-2	7	10	10	9	21.63	cps
Holmium	165-1	10889141	11020372	11054665	10988059	0.80	cps
Holmium	165-2	2268946	2228789	2203301	2233679	1.48	cps
Indium	115-1	8755435	8982605	8996407	8911482	1.52	cps
Indium	115-2	370871	369555	363221	367882	1.11	cps
Iron	56-2	7701661	7619705	7534023	7618463	1.10	cps
Iron	57-2	192922	191059	190353	191445	0.69	cps
Lead	206-1	1486494	1528853	1526041	1513796	1.56	cps
Lead	207-1	1340481	1378440	1374587	1364503	1.53	cps
Lead	208-1	6113471	6261717	6278952	6218047	1.46	cps
Lithium	6-1	1254254	1270431	1299091	1274592	1.78	cps
Magnesium	24-2	819218	831965	815131	822105	1.07	cps
Manganese	55-2	124677	125914	123534	124708	0.95	cps

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 17:06:16	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1948182	1984316	1979791	1970763	1.00	cps
Molybdenum	95-1	1042745	1058374	1055346	1052155	0.79	cps
Molybdenum	96-1	1325133	1359376	1352310	1345607	1.34	cps
Molybdenum	97-1	647448	657867	656273	653863	0.86	cps
Molybdenum	98-1	1723125	1735340	1721075	1726514	0.45	cps
Neodymium	150-1	80	120	73	91	27.70	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	153518	154806	150547	152957	1.43	cps
Phosphorus	31-2	2459	2242	2100	2267	7.96	cps
Potassium	39-2	238349	235149	233455	235651	1.05	cps
Rhodium	103-1	8009944	8118018	8147930	8091964	0.90	cps
Rhodium	103-2	2068215	2058973	2013739	2046976	1.42	cps
Scandium	45-1	4941483	4973199	4956325	4957002	0.32	cps
Scandium	45-2	40702	41113	39653	40489	1.86	cps
Selenium	77-2	193	153	190	179	12.41	cps
Selenium	78-2	620	602	667	630	5.30	cps
Selenium	82-1	32752	33363	33435	33183	1.13	cps
Silicon	28-1	1436952	1453799	1448268	1446339	0.59	cps
Silver	109-1	2545667	2575063	2574954	2565228	0.66	cps
Silver	107-1	2663226	2680393	2708183	2683934	0.85	cps
Sodium	23-2	2013177	2001367	2007617	2007387	0.29	cps
Strontium	86-1	654728	666608	662534	661290	0.91	cps
Strontium	88-1	5680168	5773026	5792427	5748540	1.04	cps
Sulfur	34-1	577168	578707	579700	578525	0.22	cps
Terbium	159-1	11324538	11429837	11345361	11366578	0.49	cps
Terbium	159-2	2168666	2164393	2124789	2152616	1.12	cps
Thallium	203-1	1870810	1929967	1905784	1902187	1.56	cps
Thallium	205-1	4455348	4581674	4524615	4520545	1.40	cps
Tin	118-1	1724336	1739866	1749731	1737978	0.74	cps
Titanium	47-1	267579	274150	270701	270810	1.21	cps
Uranium	238-1	5739818	6003412	5898101	5880444	2.26	cps
Vanadium	51-2	168152	167788	165966	167302	0.70	cps
Yttrium	89-1	9090608	9112835	9172064	9125169	0.46	cps
Yttrium	89-2	274642	277784	268991	273806	1.63	cps
Zinc	66-2	73758	73725	73272	73585	0.37	cps
Zirconium	90-1	3662633	3710572	3707257	3693487	0.72	cps

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 17:06:16	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	807790	822916	819117	816608	0.96	cps

LB Number : LB90169 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P8
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-19 17:09:34 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	65610	65319	64531	65153	0.86	cps
Antimony	121-1	5183924	5157790	5151833	5164516	0.33	cps
Arsenic	75-2	53503	53507	53317	53442	0.20	cps
Barium	135-1	5436943	5421822	5377951	5412239	0.57	cps
Barium	137-1	9282930	9381496	9363368	9342598	0.56	cps
Beryllium	9-1	676419	680009	684557	680329	0.60	cps
Bismuth	209-1	7068606	7068510	7078527	7071881	0.08	cps
Bismuth	209-2	1696852	1721781	1684138	1700924	1.13	cps
Boron	10-1	77542	77518	81615	78892	2.99	cps
Boron	11-1	362661	371937	374350	369649	1.67	cps
Cadmium	111-1	1098063	1097837	1097177	1097692	0.04	cps
Cadmium	106-1	112837	114919	113022	113593	1.01	cps
Cadmium	108-1	76528	76583	77395	76835	0.63	cps
Calcium	43-1	1045593	1042837	1032515	1040315	0.66	cps
Calcium	44-1	16941109	16700270	16840890	16827423	0.72	cps
Chromium	52-2	437683	442381	433182	437749	1.05	cps
Cobalt	59-2	941082	947092	938203	942126	0.48	cps
Copper	63-2	1640847	1659543	1634088	1644826	0.80	cps
Dysprosium	156-1	92	58	100	83	26.46	cps
Dysprosium	156-2	20	30	10	20	50.00	cps
Erbium	164-1	25	58	42	42	40.00	cps
Erbium	164-2	7	7	3	6	34.70	cps
Gadolinium	160-1	100	117	117	111	8.66	cps
Gadolinium	160-2	13	40	13	22	69.30	cps
Holmium	165-1	11351310	11272257	11205045	11276204	0.65	cps
Holmium	165-2	2231966	2245726	2186249	2221314	1.40	cps
Indium	115-1	8980482	8894499	8909145	8928042	0.52	cps
Indium	115-2	357700	364446	351565	357903	1.80	cps
Iron	56-2	14686158	14769391	14551866	14669138	0.75	cps
Iron	57-2	371162	374155	366921	370746	0.98	cps
Lead	206-1	3204849	3211847	3232816	3216504	0.45	cps
Lead	207-1	2968042	2969136	2981780	2972986	0.26	cps
Lead	208-1	13055304	13092117	13095476	13080966	0.17	cps
Lithium	6-1	1336787	1342456	1363930	1347724	1.06	cps
Magnesium	24-2	1644569	1667172	1626147	1645962	1.25	cps
Manganese	55-2	241979	244576	239219	241925	1.11	cps

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 17:09:34	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3932625	3962806	3949462	3948298	0.38	cps
Molybdenum	95-1	2124624	2127473	2141557	2131218	0.43	cps
Molybdenum	96-1	2727316	2768128	2762420	2752621	0.80	cps
Molybdenum	97-1	1306283	1317981	1313401	1312555	0.45	cps
Molybdenum	98-1	3432110	3445068	3459277	3445485	0.39	cps
Neodymium	150-1	240	193	180	204	15.41	cps
Neodymium	150-2	3	7	7	6	34.70	cps
Nickel	60-2	273129	275842	272411	273794	0.66	cps
Phosphorus	31-2	4993	4834	4576	4801	4.38	cps
Potassium	39-2	452725	459351	447189	453088	1.34	cps
Rhodium	103-1	8138095	8125965	8144071	8136043	0.11	cps
Rhodium	103-2	2029338	2018389	1983646	2010458	1.19	cps
Scandium	45-1	5016802	4947393	4984638	4982944	0.70	cps
Scandium	45-2	39743	40649	40134	40175	1.13	cps
Selenium	77-2	350	347	343	347	0.96	cps
Selenium	78-2	1187	1304	1256	1249	4.70	cps
Selenium	82-1	66911	66353	66420	66561	0.46	cps
Silicon	28-1	2328217	2332618	2344598	2335144	0.36	cps
Silver	109-1	5123948	5107202	5099438	5110196	0.25	cps
Silver	107-1	5402165	5423413	5397799	5407793	0.25	cps
Sodium	23-2	3880823	3946319	3847186	3891443	1.30	cps
Strontium	86-1	1332893	1340860	1344135	1339296	0.43	cps
Strontium	88-1	11477717	11590910	11403743	11490790	0.82	cps
Sulfur	34-1	734167	732897	732931	733332	0.10	cps
Terbium	159-1	11638217	11701486	11586275	11641993	0.50	cps
Terbium	159-2	2145854	2165749	2122489	2144697	1.01	cps
Thallium	203-1	3972525	3955221	3976875	3968207	0.29	cps
Thallium	205-1	9303081	9237162	9329284	9289843	0.51	cps
Tin	118-1	3501464	3542165	3496168	3513266	0.72	cps
Titanium	47-1	546934	544208	546516	545886	0.27	cps
Uranium	238-1	12429331	12520976	12446148	12465485	0.39	cps
Vanadium	51-2	329612	327178	325234	327342	0.67	cps
Yttrium	89-1	9215054	9169320	9209946	9198107	0.27	cps
Yttrium	89-2	265745	269295	263225	266088	1.15	cps
Zinc	66-2	143574	143938	143368	143627	0.20	cps
Zirconium	90-1	7439644	7460207	7449916	7449922	0.14	cps

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 17:09:34	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1667622	1682932	1680369	1676974	0.49	cps

LB Number : LB90169 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-19 17:12:47 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	127966	126577	127501	127348	0.56	cps
Antimony	121-1	10195064	10173975	10125997	10165012	0.35	cps
Arsenic	75-2	103202	102744	103185	103044	0.25	cps
Barium	135-1	10787457	10691699	10614318	10697825	0.81	cps
Barium	137-1	18758374	18573883	18558634	18630297	0.60	cps
Beryllium	9-1	1364341	1347251	1387412	1366334	1.48	cps
Bismuth	209-1	6798677	7151476	6967764	6972639	2.53	cps
Bismuth	209-2	1639046	1626320	1632624	1632663	0.39	cps
Boron	10-1	161447	161760	164110	162439	0.90	cps
Boron	11-1	744276	750971	760509	751918	1.08	cps
Cadmium	111-1	2133175	2168706	2166197	2156026	0.92	cps
Cadmium	106-1	221915	220898	223723	222179	0.64	cps
Cadmium	108-1	149534	150537	149265	149779	0.45	cps
Calcium	43-1	2025987	2032365	2075333	2044562	1.31	cps
Calcium	44-1	33099612	33245841	33165782	33170412	0.22	cps
Chromium	52-2	855325	854995	850537	853619	0.31	cps
Cobalt	59-2	1849133	1843841	1826298	1839757	0.65	cps
Copper	63-2	3105398	3126490	3118547	3116812	0.34	cps
Dysprosium	156-1	117	125	200	147	31.17	cps
Dysprosium	156-2	20	23	17	20	16.65	cps
Erbium	164-1	17	67	75	53	59.78	cps
Erbium	164-2	3	7	7	6	34.70	cps
Gadolinium	160-1	175	158	117	150	20.03	cps
Gadolinium	160-2	30	33	13	26	41.94	cps
Holmium	165-1	10947029	11366611	11225922	11179854	1.91	cps
Holmium	165-2	2171992	2150567	2152442	2158334	0.55	cps
Indium	115-1	8344059	8716504	8556490	8539018	2.19	cps
Indium	115-2	341883	333183	335008	336692	1.36	cps
Iron	56-2	28119771	28323628	28394616	28279338	0.50	cps
Iron	57-2	710510	714982	714325	713273	0.34	cps
Lead	206-1	6438546	6408301	6385407	6410751	0.42	cps
Lead	207-1	5845167	5855681	5844156	5848335	0.11	cps
Lead	208-1	26075431	25973513	26088983	26045976	0.24	cps
Lithium	6-1	1324593	1377587	1366378	1356186	2.06	cps
Magnesium	24-2	3140098	3129098	3080261	3116486	1.02	cps
Manganese	55-2	464197	467065	461752	464338	0.57	cps

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 17:12:47	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7690654	7739313	7628796	7686255	0.72	cps
Molybdenum	95-1	4163031	4172531	4142399	4159320	0.37	cps
Molybdenum	96-1	5394273	5415547	5372058	5393959	0.40	cps
Molybdenum	97-1	2594982	2595533	2585703	2592073	0.21	cps
Molybdenum	98-1	6718334	6651141	6717536	6695670	0.58	cps
Neodymium	150-1	287	380	360	342	14.36	cps
Neodymium	150-2	0	10	3	4	114.60	cps
Nickel	60-2	526609	526605	528318	527177	0.19	cps
Phosphorus	31-2	8912	8261	9404	8859	6.47	cps
Potassium	39-2	862879	853376	854572	856942	0.60	cps
Rhodium	103-1	7653820	7837279	7799336	7763478	1.25	cps
Rhodium	103-2	1962498	1901922	1927548	1930656	1.57	cps
Scandium	45-1	4735439	4929731	4856114	4840428	2.03	cps
Scandium	45-2	38857	38880	38610	38782	0.39	cps
Selenium	77-2	647	677	607	643	5.46	cps
Selenium	78-2	2280	2443	2508	2410	4.87	cps
Selenium	82-1	129926	129260	131009	130065	0.68	cps
Silicon	28-1	3885246	3894678	3834790	3871571	0.83	cps
Silver	109-1	9795302	9786363	9780752	9787472	0.07	cps
Silver	107-1	10246706	10250207	10209298	10235404	0.22	cps
Sodium	23-2	7462564	7425741	7424086	7437464	0.29	cps
Strontium	86-1	2676025	2659938	2661667	2665877	0.33	cps
Strontium	88-1	22673101	22755696	22429560	22619452	0.75	cps
Sulfur	34-1	914062	916914	910279	913751	0.36	cps
Terbium	159-1	11375601	11854862	11581786	11604083	2.07	cps
Terbium	159-2	2083678	2066123	2072311	2074037	0.43	cps
Thallium	203-1	7890493	7918095	7925254	7911281	0.23	cps
Thallium	205-1	18830368	18812613	18909153	18850711	0.27	cps
Tin	118-1	6899194	6924399	6856472	6893355	0.50	cps
Titanium	47-1	1075928	1071787	1072533	1073416	0.21	cps
Uranium	238-1	25508723	25359090	25575727	25481180	0.44	cps
Vanadium	51-2	634285	630807	633306	632800	0.28	cps
Yttrium	89-1	8651223	9135638	8809752	8865538	2.79	cps
Yttrium	89-2	259595	254328	255412	256445	1.08	cps
Zinc	66-2	273990	271449	272017	272485	0.49	cps
Zirconium	90-1	14539076	14564407	14451662	14518382	0.41	cps

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 17:12:47	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3295200	3257003	3267932	3273378	0.60	cps

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 17:15:54	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	647948	639134	640120	642401	0.75	cps
Antimony	121-1	22503	21443	20500	21482	4.67	cps
Arsenic	75-2	39	46	30	38	21.82	cps
Barium	135-1	3317	3342	3234	3298	1.72	cps
Barium	137-1	5777	5743	5343	5621	4.29	cps
Beryllium	9-1	711	656	717	694	4.87	cps
Bismuth	209-1	6238168	6671169	6647968	6519101	3.74	cps
Bismuth	209-2	1555935	1565993	1548526	1556818	0.56	cps
Boron	10-1	5693	5151	4809	5218	8.54	cps
Boron	11-1	26217	22844	22318	23793	8.89	cps
Cadmium	111-1	1727	1799	1677	1734	3.54	cps
Cadmium	106-1	2042	2142	2009	2064	3.36	cps
Cadmium	108-1	21	54	42	39	43.31	cps
Calcium	43-1	9779506	9693770	9723774	9732350	0.45	cps
Calcium	44-1	160844887	160073854	160984754	160634498	0.31	cps
Chromium	52-2	6315	6215	6372	6300	1.26	cps
Cobalt	59-2	2324	2067	2190	2194	5.85	cps
Copper	63-2	5224	4888	4861	4991	4.06	cps
Dysprosium	156-1	108	58	167	111	48.80	cps
Dysprosium	156-2	13	13	13	13	0.00	cps
Erbium	164-1	142	100	108	117	18.90	cps
Erbium	164-2	10	23	3	12	83.33	cps
Gadolinium	160-1	158	125	125	136	14.14	cps
Gadolinium	160-2	30	43	20	31	37.62	cps
Holmium	165-1	10362598	11046982	11149397	10852992	3.94	cps
Holmium	165-2	2209798	2187533	2144049	2180460	1.53	cps
Indium	115-1	7790763	8409556	8480955	8227091	4.61	cps
Indium	115-2	342588	347725	336672	342328	1.62	cps
Iron	56-2	138292900	138365298	139687420	138781873	0.57	cps
Iron	57-2	3539189	3541694	3465556	3515480	1.23	cps
Lead	206-1	10621	10499	10544	10555	0.59	cps
Lead	207-1	8681	9059	8798	8846	2.19	cps
Lead	208-1	40777	41817	40237	40944	1.96	cps
Lithium	6-1	1276199	1345116	1385546	1335620	4.14	cps
Magnesium	24-2	15393473	15347397	15453045	15397972	0.34	cps
Manganese	55-2	1717	1613	1583	1638	4.27	cps

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 17:15:54	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4568	4017	4159	4248	6.72	cps
Molybdenum	95-1	5443	5135	5235	5271	2.99	cps
Molybdenum	96-1	8703	8103	8061	8289	4.33	cps
Molybdenum	97-1	3576	3217	3284	3359	5.68	cps
Molybdenum	98-1	8878	8295	8428	8534	3.58	cps
Neodymium	150-1	87	120	87	98	19.69	cps
Neodymium	150-2	10	7	13	10	33.30	cps
Nickel	60-2	1823	1680	1740	1748	4.12	cps
Phosphorus	31-2	0	17	0	6	173.21	cps
Potassium	39-2	4268531	4310992	4284482	4288002	0.50	cps
Rhodium	103-1	6917343	7407876	7462767	7262662	4.14	cps
Rhodium	103-2	1865609	1891217	1844973	1867266	1.24	cps
Scandium	45-1	4490931	4834101	4897753	4740928	4.62	cps
Scandium	45-2	38209	38680	38065	38318	0.84	cps
Selenium	77-2	10	0	0	3	173.21	cps
Selenium	78-2	0	0	6	2	173.21	cps
Selenium	82-1	57	-36	63	28	198.79	cps
Silicon	28-1	475647	470904	467972	471508	0.82	cps
Silver	109-1	1100	1042	1108	1083	3.35	cps
Silver	107-1	1167	1225	1142	1178	3.63	cps
Sodium	23-2	36941217	37071810	36975327	36996118	0.18	cps
Strontium	86-1	86775	86079	87346	86733	0.73	cps
Strontium	88-1	743917	735218	740038	739724	0.59	cps
Sulfur	34-1	401008	401384	402473	401622	0.19	cps
Terbium	159-1	10645755	11450560	11681838	11259384	4.83	cps
Terbium	159-2	2099103	2108398	2085279	2097593	0.55	cps
Thallium	203-1	3134	3034	2700	2956	7.68	cps
Thallium	205-1	7753	6669	6327	6916	10.76	cps
Tin	118-1	5902	5735	5368	5668	4.82	cps
Titanium	47-1	792	783	817	797	2.18	cps
Uranium	238-1	2425	2475	2334	2411	2.98	cps
Vanadium	51-2	127	163	157	149	13.12	cps
Yttrium	89-1	8191204	8800641	8891560	8627802	4.41	cps
Yttrium	89-2	259775	260914	255370	258686	1.13	cps
Zinc	66-2	1180	1197	1243	1207	2.72	cps
Zirconium	90-1	2842	2784	2675	2767	3.06	cps

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 17:15:54	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	492	775	633	633	22.37	cps

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 17:19:14	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3234	3167	3017	3139	3.54	cps
Antimony	121-1	1979497	1973006	1971794	1974765	0.21	cps
Arsenic	75-2	20751	20423	20152	20442	1.47	cps
Barium	135-1	204322	206537	207196	206018	0.73	cps
Barium	137-1	356592	359197	362315	359368	0.80	cps
Beryllium	9-1	130660	130901	131445	131002	0.31	cps
Bismuth	209-1	7322289	7204963	7229105	7252119	0.85	cps
Bismuth	209-2	1775371	1716128	1715158	1735552	1.99	cps
Boron	10-1	98890	100334	100567	99930	0.91	cps
Boron	11-1	457944	458474	468153	461524	1.25	cps
Cadmium	111-1	216588	216889	219820	217766	0.82	cps
Cadmium	106-1	36317	37069	37478	36955	1.59	cps
Cadmium	108-1	19531	20203	20257	19997	2.02	cps
Calcium	43-1	46269	45215	46821	46102	1.77	cps
Calcium	44-1	728630	727948	733497	730025	0.41	cps
Chromium	52-2	84755	83856	83510	84040	0.76	cps
Cobalt	59-2	188868	184760	185493	186374	1.18	cps
Copper	63-2	161608	161442	159887	160979	0.59	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	83	58	67	69	18.33	cps
Erbium	164-2	13	17	30	20	44.10	cps
Gadolinium	160-1	75	83	125	94	28.37	cps
Gadolinium	160-2	3	17	3	8	99.04	cps
Holmium	165-1	11345656	11350545	11369449	11355217	0.11	cps
Holmium	165-2	2256918	2222067	2230504	2236496	0.81	cps
Indium	115-1	9204411	8939066	9042415	9061964	1.48	cps
Indium	115-2	368547	361655	360184	363462	1.23	cps
Iron	56-2	581337	572304	575378	576340	0.80	cps
Iron	57-2	14152	14591	14564	14436	1.70	cps
Lead	206-1	1237829	1250308	1251950	1246696	0.62	cps
Lead	207-1	1083683	1086096	1093826	1087868	0.49	cps
Lead	208-1	5006799	4998775	5072892	5026156	0.81	cps
Lithium	6-1	1390858	1387181	1405530	1394523	0.70	cps
Magnesium	24-2	38545	37433	39096	38358	2.21	cps
Manganese	55-2	24458	23223	23320	23667	2.90	cps

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 17:19:14	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4122639	4083079	4119349	4108355	0.53	cps
Molybdenum	95-1	2236976	2254701	2237267	2242981	0.45	cps
Molybdenum	96-1	2862708	2888935	2922509	2891384	1.04	cps
Molybdenum	97-1	1358492	1363550	1396746	1372929	1.51	cps
Molybdenum	98-1	3588105	3587366	3628792	3601421	0.66	cps
Neodymium	150-1	20	27	27	24	15.75	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	55447	54282	54269	54666	1.24	cps
Phosphorus	31-2	17	0	17	11	86.60	cps
Potassium	39-2	38253	38245	37810	38103	0.67	cps
Rhodium	103-1	8421576	8364598	8356619	8380931	0.42	cps
Rhodium	103-2	2123721	2093575	2035839	2084378	2.14	cps
Scandium	45-1	5134590	5077745	5046757	5086364	0.88	cps
Scandium	45-2	40853	41190	40177	40740	1.27	cps
Selenium	77-2	133	157	153	148	8.54	cps
Selenium	78-2	433	467	520	473	9.28	cps
Selenium	82-1	25531	25536	25676	25581	0.32	cps
Silicon	28-1	2342310	2328585	2364507	2345134	0.77	cps
Silver	109-1	973339	982893	987112	981115	0.72	cps
Silver	107-1	1025848	1032026	1031774	1029882	0.34	cps
Sodium	23-2	167256	165560	164734	165850	0.78	cps
Strontium	86-1	1402260	1416639	1449703	1422867	1.71	cps
Strontium	88-1	12152024	12101677	12287243	12180314	0.79	cps
Sulfur	34-1	406675	403320	406322	405439	0.45	cps
Terbium	159-1	11814666	11610709	11756413	11727263	0.90	cps
Terbium	159-2	2177402	2174801	2144799	2165667	0.84	cps
Thallium	203-1	1536513	1553053	1578551	1556039	1.36	cps
Thallium	205-1	3731547	3761721	3790615	3761294	0.79	cps
Tin	118-1	3764790	3734799	3775000	3758196	0.56	cps
Titanium	47-1	577582	575668	581452	578234	0.51	cps
Uranium	238-1	12940882	12825432	13048794	12938370	0.86	cps
Vanadium	51-2	63246	61876	62412	62511	1.10	cps
Yttrium	89-1	9233520	9139105	9271207	9214611	0.74	cps
Yttrium	89-2	273111	269453	269161	270575	0.81	cps
Zinc	66-2	28236	28179	28536	28317	0.68	cps
Zirconium	90-1	7666375	7739121	7731955	7712484	0.52	cps

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 17:19:14	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1743991	1725692	1747838	1739174	0.68	cps

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 17:22:17	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	8	0	3	173.21	cps
Antimony	121-1	1725	1884	1850	1820	4.59	cps
Arsenic	75-2	13	13	2	9	69.29	cps
Barium	135-1	125	108	100	111	11.46	cps
Barium	137-1	125	125	150	133	10.82	cps
Beryllium	9-1	422	494	406	441	10.72	cps
Bismuth	209-1	7242135	7246553	7157443	7215377	0.70	cps
Bismuth	209-2	1655470	1672659	1664894	1664341	0.52	cps
Boron	10-1	2159	2350	2384	2298	5.29	cps
Boron	11-1	10796	10788	10396	10660	2.15	cps
Cadmium	111-1	1453	1509	1624	1529	5.71	cps
Cadmium	106-1	1967	2084	2225	2092	6.19	cps
Cadmium	108-1	17	17	13	15	15.76	cps
Calcium	43-1	1700	1817	1817	1778	3.79	cps
Calcium	44-1	31595	32021	31503	31706	0.87	cps
Chromium	52-2	667	610	620	632	4.78	cps
Cobalt	59-2	83	80	97	87	10.18	cps
Copper	63-2	227	260	217	234	9.68	cps
Dysprosium	156-1	8	33	17	19	65.47	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	42	67	42	50	28.87	cps
Erbium	164-2	7	10	3	7	50.03	cps
Gadolinium	160-1	133	50	92	92	45.46	cps
Gadolinium	160-2	3	10	7	7	50.03	cps
Holmium	165-1	11210577	11242309	11264296	11239061	0.24	cps
Holmium	165-2	2150079	2146971	2169696	2155582	0.57	cps
Indium	115-1	9104423	9031363	9063715	9066501	0.40	cps
Indium	115-2	355344	356482	357762	356529	0.34	cps
Iron	56-2	2523	2389	2222	2378	6.32	cps
Iron	57-2	78	56	44	59	28.64	cps
Lead	206-1	1317	1445	1217	1326	8.61	cps
Lead	207-1	1095	1206	1233	1178	6.24	cps
Lead	208-1	5240	5390	5006	5212	3.71	cps
Lithium	6-1	1405199	1386407	1367266	1386291	1.37	cps
Magnesium	24-2	300	283	167	250	29.06	cps
Manganese	55-2	80	60	47	62	26.96	cps

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 17:22:17	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	692	700	558	650	12.23	cps
Molybdenum	95-1	658	517	667	614	13.73	cps
Molybdenum	96-1	883	767	658	770	14.63	cps
Molybdenum	97-1	408	475	408	431	8.94	cps
Molybdenum	98-1	1008	1125	850	995	13.88	cps
Neodymium	150-1	13	33	20	22	45.83	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	187	130	187	168	19.50	cps
Phosphorus	31-2	0	8	17	8	100.02	cps
Potassium	39-2	2892	2867	2959	2906	1.63	cps
Rhodium	103-1	8373244	8310030	8391517	8358264	0.51	cps
Rhodium	103-2	2036505	2019343	2024374	2026741	0.44	cps
Scandium	45-1	5028545	5032288	5019537	5026790	0.13	cps
Scandium	45-2	38493	38727	38309	38510	0.54	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	0	0	0	0	0.00	cps
Selenium	82-1	-70	-7	-56	-44	-75.37	cps
Silicon	28-1	445622	441403	433276	440100	1.43	cps
Silver	109-1	242	258	342	281	19.10	cps
Silver	107-1	400	258	308	322	22.30	cps
Sodium	23-2	11221	10855	10830	10969	2.00	cps
Strontium	86-1	850	1083	925	953	12.50	cps
Strontium	88-1	508	525	667	567	15.35	cps
Sulfur	34-1	402526	402243	400555	401774	0.27	cps
Terbium	159-1	11634342	11588515	11685866	11636241	0.42	cps
Terbium	159-2	2077322	2088026	2086788	2084045	0.28	cps
Thallium	203-1	767	1008	908	895	13.58	cps
Thallium	205-1	2184	2242	2042	2156	4.77	cps
Tin	118-1	2859	2725	2650	2745	3.85	cps
Titanium	47-1	167	150	217	178	19.52	cps
Uranium	238-1	908	1025	917	950	6.85	cps
Vanadium	51-2	20	27	17	21	24.12	cps
Yttrium	89-1	9168529	9207065	9158353	9177982	0.28	cps
Yttrium	89-2	260082	260743	260011	260279	0.15	cps
Zinc	66-2	60	43	50	51	16.42	cps
Zirconium	90-1	908	1067	925	967	9.00	cps

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 17:22:17	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	258	142	175	192	31.35	cps

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 17:25:26	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	577177	575711	570700	574529	0.59	cps
Antimony	121-1	12106	12873	12331	12437	3.17	cps
Arsenic	75-2	37	35	35	36	2.98	cps
Barium	135-1	2842	2842	3334	3006	9.45	cps
Barium	137-1	5293	5493	5593	5460	2.80	cps
Beryllium	9-1	756	678	778	737	7.13	cps
Bismuth	209-1	6766246	6860788	6823200	6816745	0.70	cps
Bismuth	209-2	1582022	1575684	1550398	1569368	1.07	cps
Boron	10-1	2225	1817	1734	1925	13.67	cps
Boron	11-1	8911	8795	8620	8775	1.67	cps
Cadmium	111-1	1908	2288	2080	2092	9.10	cps
Cadmium	106-1	1934	2267	2175	2125	8.10	cps
Cadmium	108-1	988	963	996	982	1.77	cps
Calcium	43-1	1995491	1999576	1949080	1981382	1.42	cps
Calcium	44-1	32207482	32277188	31924271	32136314	0.58	cps
Chromium	52-2	19751	20272	19891	19971	1.35	cps
Cobalt	59-2	2150	2214	2024	2129	4.54	cps
Copper	63-2	12396	12369	12372	12379	0.12	cps
Dysprosium	156-1	33	42	67	47	36.74	cps
Dysprosium	156-2	7	20	10	12	56.76	cps
Erbium	164-1	50	50	58	53	9.12	cps
Erbium	164-2	13	13	10	12	15.73	cps
Gadolinium	160-1	92	200	42	111	72.84	cps
Gadolinium	160-2	17	17	27	20	28.86	cps
Holmium	165-1	11046450	11151936	11176772	11125052	0.62	cps
Holmium	165-2	2167340	2124881	2072199	2121473	2.25	cps
Indium	115-1	8588852	8734079	8739710	8687547	0.98	cps
Indium	115-2	345497	343914	335913	341775	1.50	cps
Iron	56-2	54724023	54449822	55133401	54769082	0.63	cps
Iron	57-2	1392544	1373327	1367338	1377736	0.96	cps
Lead	206-1	28850	28800	28839	28830	0.09	cps
Lead	207-1	23322	22715	23088	23042	1.33	cps
Lead	208-1	108151	108203	108130	108161	0.03	cps
Lithium	6-1	1319559	1343037	1311224	1324606	1.25	cps
Magnesium	24-2	3101973	3060963	3065074	3076003	0.73	cps
Manganese	55-2	1914	1944	1833	1897	3.00	cps

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 17:25:26	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4432231	4453169	4447196	4444198	0.24	cps
Molybdenum	95-1	7731263	7743038	7707140	7727147	0.24	cps
Molybdenum	96-1	8364214	8282335	8258707	8301752	0.67	cps
Molybdenum	97-1	4813891	4862153	4771999	4816014	0.94	cps
Molybdenum	98-1	12504577	12592089	12422633	12506433	0.68	cps
Neodymium	150-1	60	47	47	51	15.06	cps
Neodymium	150-2	10	7	10	9	21.63	cps
Nickel	60-2	4101	4181	4237	4173	1.65	cps
Phosphorus	31-2	43209	44053	43451	43571	1.00	cps
Potassium	39-2	1714030	1730059	1721177	1721755	0.47	cps
Rhodium	103-1	7765711	7958807	7823283	7849267	1.26	cps
Rhodium	103-2	1947554	1954041	1897324	1932973	1.61	cps
Scandium	45-1	4913645	4904518	4944243	4920802	0.42	cps
Scandium	45-2	38680	38242	37774	38232	1.18	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	7	4	4	100.05	cps
Selenium	82-1	-49	-52	-1	-34	-84.55	cps
Silicon	28-1	593414	592236	581685	589111	1.10	cps
Silver	109-1	1400	1375	1467	1414	3.35	cps
Silver	107-1	1525	1642	1433	1533	6.81	cps
Sodium	23-2	7380446	7308774	7252496	7313905	0.88	cps
Strontium	86-1	87664	86633	86984	87094	0.60	cps
Strontium	88-1	746514	747077	751697	748429	0.38	cps
Sulfur	34-1	2721816	2715039	2667005	2701287	1.11	cps
Terbium	159-1	11410067	11658161	11572082	11546770	1.09	cps
Terbium	159-2	2088569	2067491	2050887	2068982	0.91	cps
Thallium	203-1	1725	1500	1342	1522	12.65	cps
Thallium	205-1	3684	3684	3993	3787	4.70	cps
Tin	118-1	2767	2334	2359	2486	9.79	cps
Titanium	47-1	2060787	2057581	2099450	2072606	1.12	cps
Uranium	238-1	1067	1000	925	997	7.11	cps
Vanadium	51-2	147	137	120	134	10.02	cps
Yttrium	89-1	8865320	9143665	8944286	8984424	1.60	cps
Yttrium	89-2	258531	257124	255483	257046	0.59	cps
Zinc	66-2	1707	1680	1707	1698	0.91	cps
Zirconium	90-1	1775	1575	1725	1692	6.15	cps

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 17:25:26	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	392	400	333	375	9.69	cps

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 17:28:31	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	584738	584135	582703	583859	0.18	cps
Antimony	121-1	204069	207404	206033	205835	0.81	cps
Arsenic	75-2	1902	1954	2026	1961	3.18	cps
Barium	135-1	44542	46474	44367	45128	2.59	cps
Barium	137-1	77712	77972	76857	77514	0.75	cps
Beryllium	9-1	26241	25941	26447	26210	0.97	cps
Bismuth	209-1	6696477	6713926	6707042	6705815	0.13	cps
Bismuth	209-2	1589933	1469644	1533575	1531051	3.93	cps
Boron	10-1	10346	11205	11238	10930	4.63	cps
Boron	11-1	50607	50021	50958	50529	0.94	cps
Cadmium	111-1	43791	44037	43786	43871	0.33	cps
Cadmium	106-1	7552	6785	7102	7147	5.39	cps
Cadmium	108-1	4055	4142	4222	4140	2.01	cps
Calcium	43-1	2017650	2013557	2001235	2010814	0.42	cps
Calcium	44-1	32447248	32607511	32510989	32521916	0.25	cps
Chromium	52-2	37537	36969	36939	37148	0.91	cps
Cobalt	59-2	39209	38660	38864	38911	0.71	cps
Copper	63-2	43307	43648	44271	43742	1.12	cps
Dysprosium	156-1	75	42	33	50	44.11	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	67	75	100	81	21.54	cps
Erbium	164-2	13	3	7	8	65.47	cps
Gadolinium	160-1	117	92	83	97	17.84	cps
Gadolinium	160-2	13	3	7	8	65.47	cps
Holmium	165-1	10998807	11236855	10973361	11069674	1.31	cps
Holmium	165-2	2167842	1985697	2102502	2085347	4.42	cps
Indium	115-1	8784980	8805059	8675013	8755017	0.80	cps
Indium	115-2	347550	322162	337899	335870	3.82	cps
Iron	56-2	55907205	55418522	56146837	55824188	0.66	cps
Iron	57-2	1442950	1405650	1405544	1418048	1.52	cps
Lead	206-1	149695	150261	151947	150634	0.78	cps
Lead	207-1	124824	124960	126178	125320	0.59	cps
Lead	208-1	578023	585000	581398	581474	0.60	cps
Lithium	6-1	1255578	1245975	1271697	1257750	1.03	cps
Magnesium	24-2	3111514	3068580	3130673	3103589	1.02	cps
Manganese	55-2	6708	6685	6822	6738	1.09	cps

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 17:28:31	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4849716	4844148	4848481	4847448	0.06	cps
Molybdenum	95-1	8030943	7961597	7928499	7973680	0.66	cps
Molybdenum	96-1	8589743	8654281	8652702	8632242	0.43	cps
Molybdenum	97-1	5006118	4907951	4996713	4970261	1.09	cps
Molybdenum	98-1	12964248	12898089	12985512	12949283	0.35	cps
Neodymium	150-1	53	40	53	49	15.75	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	15045	14755	14504	14768	1.83	cps
Phosphorus	31-2	45591	43534	44437	44521	2.32	cps
Potassium	39-2	1748030	1768359	1754589	1756993	0.59	cps
Rhodium	103-1	7820936	7787467	7798877	7802427	0.22	cps
Rhodium	103-2	1955723	1815948	1908688	1893453	3.76	cps
Scandium	45-1	4958603	4904755	4850492	4904617	1.10	cps
Scandium	45-2	39168	37250	38225	38215	2.51	cps
Selenium	77-2	13	23	17	18	28.64	cps
Selenium	78-2	41	39	48	43	11.50	cps
Selenium	82-1	2525	2510	2387	2474	3.05	cps
Silicon	28-1	839455	835726	838274	837818	0.23	cps
Silver	109-1	184429	186010	183374	184604	0.72	cps
Silver	107-1	194272	196312	193760	194781	0.69	cps
Sodium	23-2	7405663	7315009	7425255	7381975	0.80	cps
Strontium	86-1	227897	229614	230891	229467	0.65	cps
Strontium	88-1	1994184	2015039	2014956	2008059	0.60	cps
Sulfur	34-1	2689331	2696274	2679430	2688345	0.31	cps
Terbium	159-1	11553532	11430550	11500965	11495016	0.54	cps
Terbium	159-2	2071454	1936225	2000227	2002635	3.38	cps
Thallium	203-1	149959	150212	151915	150695	0.71	cps
Thallium	205-1	360554	356804	362757	360038	0.84	cps
Tin	118-1	372930	369871	371664	371488	0.41	cps
Titanium	47-1	2147487	2153881	2119956	2140441	0.84	cps
Uranium	238-1	1277071	1289273	1276975	1281106	0.55	cps
Vanadium	51-2	12829	12499	12739	12689	1.35	cps
Yttrium	89-1	9138362	9078273	9027178	9081271	0.61	cps
Yttrium	89-2	261967	244803	254634	253801	3.39	cps
Zinc	66-2	4621	4404	4601	4542	2.64	cps
Zirconium	90-1	780936	787694	784627	784419	0.43	cps

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 17:28:31	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	173737	174733	173669	174046	0.34	cps

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	CCV36	Instrumnet Name :	P8
Client Sample ID :	CCV36	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 17:31:34	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	348318	345997	347172	347163	0.33	cps
Antimony	121-1	5287291	5283638	5281248	5284059	0.06	cps
Arsenic	75-2	56350	55979	55206	55845	1.04	cps
Barium	135-1	5633220	5596701	5649416	5626445	0.48	cps
Barium	137-1	9671458	9615022	9686310	9657596	0.39	cps
Beryllium	9-1	703010	705935	708341	705762	0.38	cps
Bismuth	209-1	6561489	6928544	6630972	6707002	2.91	cps
Bismuth	209-2	1594071	1605017	1600048	1599712	0.34	cps
Boron	10-1	80819	83954	84984	83252	2.61	cps
Boron	11-1	386516	389531	396620	390889	1.33	cps
Cadmium	111-1	1095484	1091671	1098172	1095109	0.30	cps
Cadmium	106-1	117439	114029	114929	115466	1.53	cps
Cadmium	108-1	77731	78095	75635	77154	1.72	cps
Calcium	43-1	5287273	5255285	5200195	5247584	0.84	cps
Calcium	44-1	87523083	87811462	86414146	87249564	0.85	cps
Chromium	52-2	461644	458260	459402	459768	0.37	cps
Cobalt	59-2	970409	958255	961938	963534	0.65	cps
Copper	63-2	1650865	1642842	1630935	1641547	0.61	cps
Dysprosium	156-1	50	83	117	83	40.00	cps
Dysprosium	156-2	10	7	23	13	66.12	cps
Erbium	164-1	58	75	67	67	12.49	cps
Erbium	164-2	10	3	17	10	66.70	cps
Gadolinium	160-1	133	158	133	142	10.19	cps
Gadolinium	160-2	37	7	10	18	92.48	cps
Holmium	165-1	10804211	11528222	11153776	11162070	3.24	cps
Holmium	165-2	2220206	2143551	2185689	2183149	1.76	cps
Indium	115-1	8403524	8832113	8560301	8598646	2.52	cps
Indium	115-2	346520	342204	346579	345101	0.73	cps
Iron	56-2	75175221	74222954	74331427	74576534	0.70	cps
Iron	57-2	1920747	1909630	1915877	1915418	0.29	cps
Lead	206-1	3348227	3288091	3264845	3300388	1.30	cps
Lead	207-1	3019817	3025359	3000227	3015134	0.44	cps
Lead	208-1	13443316	13388307	13261611	13364411	0.70	cps
Lithium	6-1	1263825	1374726	1300841	1313131	4.30	cps
Magnesium	24-2	8392934	8322510	8333098	8349514	0.45	cps
Manganese	55-2	252827	252183	251483	252164	0.27	cps

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	CCV36	Instrumnet Name :	P8
Client Sample ID :	CCV36	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 17:31:34	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4100948	4108967	4062729	4090881	0.60	cps
Molybdenum	95-1	2218200	2226047	2204733	2216327	0.49	cps
Molybdenum	96-1	2887788	2850772	2887405	2875322	0.74	cps
Molybdenum	97-1	1347862	1348514	1361278	1352551	0.56	cps
Molybdenum	98-1	3525130	3517848	3588037	3543671	1.09	cps
Neodymium	150-1	213	273	207	231	15.89	cps
Neodymium	150-2	10	7	7	8	24.71	cps
Nickel	60-2	282095	276768	279763	279542	0.96	cps
Phosphorus	31-2	4993	4768	5185	4982	4.19	cps
Potassium	39-2	2400380	2329329	2345970	2358559	1.58	cps
Rhodium	103-1	7502536	7962437	7746030	7737001	2.97	cps
Rhodium	103-2	1905512	1931475	1974803	1937263	1.81	cps
Scandium	45-1	4849722	5138595	4919190	4969169	3.03	cps
Scandium	45-2	39997	39760	40131	39962	0.47	cps
Selenium	77-2	353	327	407	362	11.25	cps
Selenium	78-2	1332	1169	1228	1243	6.64	cps
Selenium	82-1	67897	68148	67527	67857	0.46	cps
Silicon	28-1	2330475	2305682	2306732	2314296	0.61	cps
Silver	109-1	5121894	5105214	5080759	5102623	0.41	cps
Silver	107-1	5338607	5372678	5335029	5348771	0.39	cps
Sodium	23-2	19898313	19813133	19731972	19814473	0.42	cps
Strontium	86-1	1465324	1442577	1443932	1450611	0.88	cps
Strontium	88-1	12335302	12346778	12375566	12352549	0.17	cps
Sulfur	34-1	715175	720103	723244	719507	0.57	cps
Terbium	159-1	11183147	11886618	11464720	11511495	3.08	cps
Terbium	159-2	2093083	2084631	2129735	2102483	1.14	cps
Thallium	203-1	4047819	4080887	4027259	4051988	0.67	cps
Thallium	205-1	9571714	9492765	9484610	9516363	0.51	cps
Tin	118-1	3665064	3596223	3609071	3623453	1.01	cps
Titanium	47-1	574527	572351	570883	572587	0.32	cps
Uranium	238-1	12964962	12985399	13013030	12987797	0.19	cps
Vanadium	51-2	348515	342633	346972	346040	0.88	cps
Yttrium	89-1	8823434	9313376	8959530	9032113	2.80	cps
Yttrium	89-2	263403	264787	265813	264668	0.46	cps
Zinc	66-2	144315	143917	144217	144150	0.14	cps
Zirconium	90-1	7690092	7754898	7626950	7690647	0.83	cps

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	CCV36	Instrumnet Name :	P8
Client Sample ID :	CCV36	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 17:31:34	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1749972	1751034	1749430	1750145	0.05	cps

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	CCB36	Instrumnet Name :	P8
Client Sample ID :	CCB36	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 17:34:31	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	17	8	17	50.01	cps
Antimony	121-1	2442	2784	2909	2712	8.91	cps
Arsenic	75-2	6	13	13	10	40.72	cps
Barium	135-1	33	75	50	53	39.74	cps
Barium	137-1	92	142	100	111	24.11	cps
Beryllium	9-1	389	517	406	437	15.89	cps
Bismuth	209-1	6766663	7141769	7010842	6973091	2.73	cps
Bismuth	209-2	1816079	1710203	1749447	1758576	3.04	cps
Boron	10-1	2534	2384	2484	2467	3.10	cps
Boron	11-1	12072	11730	11330	11711	3.17	cps
Cadmium	111-1	1319	1452	1469	1413	5.79	cps
Cadmium	106-1	1800	1992	1992	1928	5.74	cps
Cadmium	108-1	17	13	25	18	35.25	cps
Calcium	43-1	2167	1809	1884	1953	9.68	cps
Calcium	44-1	32906	33290	32514	32903	1.18	cps
Chromium	52-2	687	670	543	633	12.38	cps
Cobalt	59-2	37	73	60	57	32.75	cps
Copper	63-2	353	290	410	351	17.10	cps
Dysprosium	156-1	25	0	25	17	86.60	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	33	17	33	28	34.63	cps
Erbium	164-2	7	7	0	4	86.60	cps
Gadolinium	160-1	150	92	108	117	25.76	cps
Gadolinium	160-2	0	20	17	12	87.67	cps
Holmium	165-1	10611855	11223838	11008331	10948008	2.84	cps
Holmium	165-2	2270459	2235131	2212267	2239286	1.31	cps
Indium	115-1	8678291	9172249	9095566	8982035	2.96	cps
Indium	115-2	376605	369790	371656	372683	0.95	cps
Iron	56-2	3167	3039	3312	3173	4.29	cps
Iron	57-2	67	83	50	67	25.00	cps
Lead	206-1	1000	1222	1283	1169	12.76	cps
Lead	207-1	1228	1150	1072	1150	6.76	cps
Lead	208-1	4834	4834	4856	4841	0.27	cps
Lithium	6-1	1290374	1351353	1335339	1325689	2.38	cps
Magnesium	24-2	333	300	292	308	7.15	cps
Manganese	55-2	83	63	37	61	38.31	cps

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	CCB36	Instrumnet Name :	P8
Client Sample ID :	CCB36	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 17:34:31	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	950	908	867	908	4.59	cps
Molybdenum	95-1	917	867	875	886	3.02	cps
Molybdenum	96-1	1108	1075	1100	1095	1.58	cps
Molybdenum	97-1	583	742	750	692	13.58	cps
Molybdenum	98-1	1558	1375	1417	1450	6.63	cps
Neodymium	150-1	20	20	0	13	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	147	157	177	160	9.55	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	3626	3409	3167	3401	6.74	cps
Rhodium	103-1	7974786	8205565	8223243	8134531	1.70	cps
Rhodium	103-2	2109893	2082896	2115477	2102755	0.83	cps
Scandium	45-1	4758087	5055224	4972369	4928560	3.11	cps
Scandium	45-2	40776	40458	40455	40563	0.45	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	4	2	3	34.64	cps
Selenium	82-1	29	-75	53	2	2996.55	cps
Silicon	28-1	438110	443583	447385	443026	1.05	cps
Silver	109-1	558	542	492	531	6.54	cps
Silver	107-1	442	658	533	544	19.98	cps
Sodium	23-2	12231	11597	12331	12053	3.30	cps
Strontium	86-1	1017	933	1033	995	5.39	cps
Strontium	88-1	567	442	517	508	12.38	cps
Sulfur	34-1	388190	393069	391209	390823	0.63	cps
Terbium	159-1	11037389	11701135	11419727	11386084	2.93	cps
Terbium	159-2	2211165	2131319	2147817	2163434	1.95	cps
Thallium	203-1	1167	1125	1042	1111	5.73	cps
Thallium	205-1	2584	2717	2492	2598	4.36	cps
Tin	118-1	2009	2167	2259	2145	5.90	cps
Titanium	47-1	258	217	192	222	15.16	cps
Uranium	238-1	267	242	250	253	5.04	cps
Vanadium	51-2	10	3	10	8	49.52	cps
Yttrium	89-1	8701420	9211714	9127786	9013640	3.04	cps
Yttrium	89-2	274436	268666	269930	271011	1.12	cps
Zinc	66-2	67	50	70	62	17.22	cps
Zirconium	90-1	1100	1000	1217	1106	9.81	cps

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	CCB36	Instrumnet Name :	P8
Client Sample ID :	CCB36	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 17:34:31	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	200	125	283	203	39.06	cps

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 17:37:39	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	175	183	100	153	30.04	cps
Antimony	121-1	19432	19215	19682	19443	1.20	cps
Arsenic	75-2	106	104	107	106	1.75	cps
Barium	135-1	18489	18555	19482	18842	2.95	cps
Barium	137-1	32600	32859	32441	32633	0.65	cps
Beryllium	9-1	1589	1378	1500	1489	7.12	cps
Bismuth	209-1	7059757	7104133	7046120	7070003	0.43	cps
Bismuth	209-2	1753540	1703670	1629893	1695701	3.67	cps
Boron	10-1	4784	4634	4768	4729	1.74	cps
Boron	11-1	22485	22894	22735	22705	0.91	cps
Cadmium	111-1	3353	3619	3504	3492	3.82	cps
Cadmium	106-1	2267	2275	2350	2298	2.00	cps
Cadmium	108-1	150	142	154	149	4.28	cps
Calcium	43-1	10638	11097	11213	10983	2.77	cps
Calcium	44-1	183620	185045	183795	184153	0.42	cps
Chromium	52-2	2444	2354	2464	2420	2.42	cps
Cobalt	59-2	1687	1807	1870	1788	5.21	cps
Copper	63-2	3357	3617	3501	3492	3.73	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	50	42	125	72	63.55	cps
Erbium	164-2	3	7	7	6	34.70	cps
Gadolinium	160-1	117	100	83	100	16.66	cps
Gadolinium	160-2	7	3	7	6	34.70	cps
Holmium	165-1	11224614	11102785	11176550	11167983	0.55	cps
Holmium	165-2	2260947	2208749	2123023	2197573	3.17	cps
Indium	115-1	9192234	9163318	9186479	9180677	0.17	cps
Indium	115-2	374995	365573	355506	365358	2.67	cps
Iron	56-2	28880	30011	30050	29647	2.24	cps
Iron	57-2	739	694	622	685	8.59	cps
Lead	206-1	7630	7380	7758	7590	2.53	cps
Lead	207-1	7108	6874	6385	6789	5.43	cps
Lead	208-1	31255	30488	30054	30599	1.99	cps
Lithium	6-1	1325794	1339996	1344758	1336850	0.74	cps
Magnesium	24-2	14708	14683	14475	14622	0.88	cps
Manganese	55-2	270	290	330	297	10.30	cps

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 17:37:39	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	15001	16394	15768	15721	4.44	cps
Molybdenum	95-1	18914	18638	17620	18391	3.70	cps
Molybdenum	96-1	21485	21009	20675	21056	1.93	cps
Molybdenum	97-1	11631	11522	11547	11567	0.49	cps
Molybdenum	98-1	29115	30377	30043	29845	2.19	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	760	690	723	724	4.83	cps
Phosphorus	31-2	0	0	17	6	173.21	cps
Potassium	39-2	12022	11655	11797	11825	1.56	cps
Rhodium	103-1	8269479	8327802	8455233	8350838	1.14	cps
Rhodium	103-2	2138596	2114408	2009674	2087559	3.28	cps
Scandium	45-1	5011494	5134590	5110181	5085422	1.28	cps
Scandium	45-2	41317	40402	38830	40183	3.13	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	22	15	19	19	20.01	cps
Selenium	82-1	614	449	544	536	15.45	cps
Silicon	28-1	483857	486523	483564	484648	0.34	cps
Silver	109-1	11814	12740	12323	12292	3.77	cps
Silver	107-1	12365	13349	12540	12751	4.12	cps
Sodium	23-2	44930	43735	43701	44122	1.59	cps
Strontium	86-1	3417	3359	3426	3401	1.07	cps
Strontium	88-1	21835	21593	21701	21710	0.56	cps
Sulfur	34-1	394343	395716	393169	394409	0.32	cps
Terbium	159-1	11711859	11518912	11657623	11629465	0.86	cps
Terbium	159-2	2185283	2125844	2083700	2131609	2.39	cps
Thallium	203-1	7744	7594	7536	7625	1.41	cps
Thallium	205-1	18164	17438	18164	17922	2.34	cps
Tin	118-1	32332	31313	32449	32031	1.95	cps
Titanium	47-1	4684	5009	4868	4854	3.36	cps
Uranium	238-1	20919	21035	22004	21319	2.79	cps
Vanadium	51-2	2990	3024	2980	2998	0.76	cps
Yttrium	89-1	9266939	9281998	9215386	9254774	0.38	cps
Yttrium	89-2	274683	270017	258606	267769	3.09	cps
Zinc	66-2	353	313	340	336	6.07	cps
Zirconium	90-1	13757	14358	13516	13877	3.13	cps

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 17:37:39	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2950	2909	3259	3039	6.29	cps

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	PB102401BL	Instrumnet Name :	P8
Client Sample ID :	PB102401BL	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 17:40:48	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	25	17	19	24.73	cps
Antimony	121-1	567	625	692	628	9.96	cps
Arsenic	75-2	7	6	6	6	17.29	cps
Barium	135-1	100	58	50	69	38.57	cps
Barium	137-1	75	117	58	83	36.05	cps
Beryllium	9-1	261	350	339	317	15.30	cps
Bismuth	209-1	7144425	7026814	7157573	7109604	1.01	cps
Bismuth	209-2	1709938	1720798	1693152	1707963	0.82	cps
Boron	10-1	1425	1467	1175	1356	11.64	cps
Boron	11-1	6277	6060	5776	6038	4.15	cps
Cadmium	111-1	1353	1451	1595	1466	8.30	cps
Cadmium	106-1	1917	2050	2259	2075	8.30	cps
Cadmium	108-1	8	13	4	8	49.98	cps
Calcium	43-1	1867	2000	1967	1945	3.57	cps
Calcium	44-1	31829	33399	33073	32767	2.53	cps
Chromium	52-2	533	567	590	563	5.06	cps
Cobalt	59-2	40	43	70	51	32.17	cps
Copper	63-2	283	247	233	254	10.18	cps
Dysprosium	156-1	33	33	33	33	0.02	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	33	50	39	24.75	cps
Erbium	164-2	7	10	17	11	45.82	cps
Gadolinium	160-1	83	133	67	94	36.73	cps
Gadolinium	160-2	10	7	13	10	33.30	cps
Holmium	165-1	11332129	11109637	11305397	11249054	1.08	cps
Holmium	165-2	2219322	2165297	2191539	2192053	1.23	cps
Indium	115-1	9256747	9229277	9253158	9246394	0.16	cps
Indium	115-2	366805	362255	366233	365097	0.68	cps
Iron	56-2	2267	2450	2161	2293	6.38	cps
Iron	57-2	50	50	67	56	17.32	cps
Lead	206-1	1122	1089	1078	1096	2.11	cps
Lead	207-1	756	956	1033	915	15.66	cps
Lead	208-1	4067	4423	4300	4263	4.24	cps
Lithium	6-1	1344408	1319100	1328400	1330636	0.96	cps
Magnesium	24-2	325	292	308	308	5.41	cps
Manganese	55-2	80	87	67	78	13.09	cps

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	PB102401BL	Instrumnet Name :	P8
Client Sample ID :	PB102401BL	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 17:40:48	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	400	558	492	483	16.45	cps
Molybdenum	95-1	375	308	275	319	15.94	cps
Molybdenum	96-1	450	450	500	467	6.19	cps
Molybdenum	97-1	258	342	167	256	34.25	cps
Molybdenum	98-1	433	425	508	456	10.08	cps
Neodymium	150-1	13	13	13	13	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	170	153	197	173	12.61	cps
Phosphorus	31-2	0	17	17	11	86.60	cps
Potassium	39-2	2750	3192	3484	3142	11.75	cps
Rhodium	103-1	8372358	8376175	8414338	8387623	0.28	cps
Rhodium	103-2	2082141	2033835	2085886	2067287	1.40	cps
Scandium	45-1	5179556	5099665	5075705	5118309	1.06	cps
Scandium	45-2	40044	40378	39793	40072	0.73	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	4	2	43.30	cps
Selenium	82-1	-32	-58	-96	-62	-51.80	cps
Silicon	28-1	435176	445992	433642	438270	1.54	cps
Silver	109-1	367	258	342	322	17.60	cps
Silver	107-1	317	375	250	314	19.93	cps
Sodium	23-2	7636	7886	7711	7744	1.66	cps
Strontium	86-1	900	850	983	911	7.39	cps
Strontium	88-1	508	375	333	406	22.54	cps
Sulfur	34-1	392346	392374	395604	393442	0.48	cps
Terbium	159-1	11778904	11506267	11607219	11630796	1.19	cps
Terbium	159-2	2149307	2108691	2139089	2132363	0.99	cps
Thallium	203-1	417	467	433	439	5.80	cps
Thallium	205-1	1058	1067	917	1014	8.32	cps
Tin	118-1	1283	1275	1117	1225	7.67	cps
Titanium	47-1	125	133	158	139	12.49	cps
Uranium	238-1	83	100	158	114	34.58	cps
Vanadium	51-2	10	10	3	8	49.52	cps
Yttrium	89-1	9327126	9271646	9202670	9267148	0.67	cps
Yttrium	89-2	269892	266451	268599	268314	0.65	cps
Zinc	66-2	73	93	80	82	12.39	cps
Zirconium	90-1	933	850	817	867	6.94	cps

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	PB102401BL	Instrumnet Name :	P8
Client Sample ID :	PB102401BL	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 17:40:48	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	225	175	75	158	48.24	cps

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	PB102401BS	Instrumnet Name :	P8
Client Sample ID :	PB102401BS	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 17:43:56	DataFile Name :	020LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	65678	66875	67846	66800	1.63	cps
Antimony	121-1	5125317	5191368	5177170	5164618	0.67	cps
Arsenic	75-2	53304	54260	55386	54317	1.92	cps
Barium	135-1	5267459	5451258	5476321	5398346	2.11	cps
Barium	137-1	9173196	9276251	9344069	9264505	0.93	cps
Beryllium	9-1	664937	675097	682315	674116	1.30	cps
Bismuth	209-1	6856786	7071547	6987570	6971968	1.55	cps
Bismuth	209-2	1658316	1703436	1701419	1687724	1.51	cps
Boron	10-1	76580	77384	80048	78004	2.33	cps
Boron	11-1	352979	366644	376475	365366	3.23	cps
Cadmium	111-1	1071819	1099084	1096990	1089298	1.39	cps
Cadmium	106-1	110154	113635	113399	112396	1.73	cps
Cadmium	108-1	75749	76180	76922	76284	0.78	cps
Calcium	43-1	1026862	1032924	1048351	1036046	1.07	cps
Calcium	44-1	16772665	16821451	17024147	16872754	0.79	cps
Chromium	52-2	443954	448622	453081	448553	1.02	cps
Cobalt	59-2	938206	958348	962021	952858	1.35	cps
Copper	63-2	1631440	1684505	1698832	1671592	2.12	cps
Dysprosium	156-1	75	67	100	81	21.53	cps
Dysprosium	156-2	13	13	10	12	15.73	cps
Erbium	164-1	50	42	33	42	20.00	cps
Erbium	164-2	10	3	7	7	50.03	cps
Gadolinium	160-1	100	158	117	125	24.03	cps
Gadolinium	160-2	13	23	7	14	58.06	cps
Holmium	165-1	11112841	11244216	11174188	11177082	0.59	cps
Holmium	165-2	2196666	2270348	2257719	2241578	1.76	cps
Indium	115-1	8812289	8980666	8907212	8900056	0.95	cps
Indium	115-2	357384	366211	368846	364147	1.65	cps
Iron	56-2	14850665	14957247	15180343	14996085	1.12	cps
Iron	57-2	369640	379828	381179	376882	1.67	cps
Lead	206-1	3095249	3220429	3246165	3187281	2.53	cps
Lead	207-1	2877113	2908513	2949951	2911859	1.25	cps
Lead	208-1	12655753	12965013	13106455	12909074	1.79	cps
Lithium	6-1	1326039	1329246	1342038	1332441	0.64	cps
Magnesium	24-2	1681056	1691633	1731964	1701551	1.58	cps
Manganese	55-2	245231	248393	250680	248101	1.10	cps

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	PB102401BS	Instrumnet Name :	P8
Client Sample ID :	PB102401BS	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 17:43:56	DataFile Name :	020LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3894097	3986668	3980965	3953910	1.31	cps
Molybdenum	95-1	2084933	2132898	2140217	2119350	1.42	cps
Molybdenum	96-1	2724658	2724737	2777397	2742264	1.11	cps
Molybdenum	97-1	1271651	1301440	1302211	1291767	1.35	cps
Molybdenum	98-1	3378781	3460420	3419625	3419609	1.19	cps
Neodymium	150-1	180	120	247	182	34.77	cps
Neodymium	150-2	7	3	10	7	50.03	cps
Nickel	60-2	273771	279400	281529	278233	1.44	cps
Phosphorus	31-2	4543	5093	5001	4879	6.04	cps
Potassium	39-2	454666	464811	473472	464317	2.03	cps
Rhodium	103-1	7940451	8128082	8123128	8063887	1.33	cps
Rhodium	103-2	2035106	2040393	2037327	2037609	0.13	cps
Scandium	45-1	5009301	5041796	5010672	5020590	0.37	cps
Scandium	45-2	41197	40515	42270	41327	2.14	cps
Selenium	77-2	310	447	443	400	19.49	cps
Selenium	78-2	1235	1309	1295	1280	3.06	cps
Selenium	82-1	65188	66178	66958	66108	1.34	cps
Silicon	28-1	2271861	2308791	2351615	2310756	1.73	cps
Silver	109-1	5069174	5082758	5088842	5080258	0.20	cps
Silver	107-1	5268648	5326692	5440996	5345445	1.64	cps
Sodium	23-2	3983738	3999424	4035703	4006288	0.67	cps
Strontium	86-1	1311009	1356532	1347062	1338201	1.79	cps
Strontium	88-1	11445677	11732702	11548876	11575752	1.26	cps
Sulfur	34-1	715395	727255	730941	724530	1.12	cps
Terbium	159-1	11447652	11562566	11695559	11568592	1.07	cps
Terbium	159-2	2150502	2194494	2175931	2173642	1.02	cps
Thallium	203-1	3866373	3964520	3959441	3930111	1.41	cps
Thallium	205-1	8956709	9212499	9247655	9138954	1.74	cps
Tin	118-1	3456882	3551779	3536677	3515113	1.45	cps
Titanium	47-1	542123	546012	551095	546410	0.82	cps
Uranium	238-1	11877033	12334742	12260005	12157260	2.02	cps
Vanadium	51-2	328157	336762	340588	335169	1.90	cps
Yttrium	89-1	9081047	9411151	9185619	9225939	1.83	cps
Yttrium	89-2	266903	273754	276191	272283	1.77	cps
Zinc	66-2	142244	145423	145756	144474	1.34	cps
Zirconium	90-1	7312891	7439701	7448119	7400237	1.02	cps

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	PB102401BS	Instrumnet Name :	P8
Client Sample ID :	PB102401BS	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 17:43:56	DataFile Name :	020LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1673726	1673677	1694466	1680623	0.71	cps

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	PB102401BSD	Instrumnet Name :	P8
Client Sample ID :	PB102401BSD	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 17:46:55	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	68792	67444	68148	68128	0.99	cps
Antimony	121-1	5289266	5265925	5245409	5266867	0.42	cps
Arsenic	75-2	55245	55154	56015	55471	0.85	cps
Barium	135-1	5534453	5506252	5464166	5501624	0.64	cps
Barium	137-1	9530826	9545958	9425366	9500717	0.69	cps
Beryllium	9-1	697443	688648	683850	689981	1.00	cps
Bismuth	209-1	6999897	6989035	7031125	7006686	0.31	cps
Bismuth	209-2	1713699	1704980	1709567	1709415	0.26	cps
Boron	10-1	80400	82303	81992	81565	1.25	cps
Boron	11-1	372091	379530	382374	377998	1.40	cps
Cadmium	111-1	1114494	1108856	1111158	1111503	0.26	cps
Cadmium	106-1	117701	116222	113383	115769	1.90	cps
Cadmium	108-1	78175	78309	77798	78094	0.34	cps
Calcium	43-1	1063034	1064132	1051584	1059583	0.66	cps
Calcium	44-1	17523718	17472225	17347339	17447761	0.52	cps
Chromium	52-2	455512	452013	454837	454121	0.41	cps
Cobalt	59-2	968673	976112	979105	974630	0.55	cps
Copper	63-2	1691226	1700699	1710538	1700821	0.57	cps
Dysprosium	156-1	67	42	108	72	46.63	cps
Dysprosium	156-2	7	10	10	9	21.63	cps
Erbium	164-1	67	17	50	44	57.28	cps
Erbium	164-2	13	7	3	8	65.47	cps
Gadolinium	160-1	108	133	108	117	12.37	cps
Gadolinium	160-2	20	20	10	17	34.64	cps
Holmium	165-1	11300086	11243396	11489770	11344417	1.14	cps
Holmium	165-2	2281609	2273921	2270090	2275207	0.26	cps
Indium	115-1	8962665	8916768	9106142	8995192	1.10	cps
Indium	115-2	369765	365401	365474	366880	0.68	cps
Iron	56-2	15280394	15276965	15490763	15349374	0.80	cps
Iron	57-2	383380	383162	384440	383661	0.18	cps
Lead	206-1	3276139	3204744	3246271	3242384	1.11	cps
Lead	207-1	2987346	2962714	2972633	2974231	0.42	cps
Lead	208-1	13248306	13121644	13136806	13168919	0.53	cps
Lithium	6-1	1346369	1338954	1359050	1348124	0.75	cps
Magnesium	24-2	1726953	1708640	1701612	1712401	0.76	cps
Manganese	55-2	251777	252023	250721	251507	0.28	cps

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	PB102401BSD	Instrumnet Name :	P8
Client Sample ID :	PB102401BSD	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 17:46:55	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4029509	4027897	4008860	4022089	0.29	cps
Molybdenum	95-1	2185209	2205074	2169069	2186450	0.82	cps
Molybdenum	96-1	2826075	2826202	2827840	2826706	0.03	cps
Molybdenum	97-1	1326078	1319642	1316400	1320706	0.37	cps
Molybdenum	98-1	3507117	3471427	3444506	3474350	0.90	cps
Neodymium	150-1	167	200	213	193	12.43	cps
Neodymium	150-2	10	0	3	4	114.60	cps
Nickel	60-2	283619	284721	282555	283631	0.38	cps
Phosphorus	31-2	5260	4793	4976	5009	4.69	cps
Potassium	39-2	473176	472330	475580	473695	0.36	cps
Rhodium	103-1	8169645	8188304	8249871	8202606	0.51	cps
Rhodium	103-2	2088782	2063750	2048536	2067023	0.98	cps
Scandium	45-1	5033295	5107074	5185762	5108710	1.49	cps
Scandium	45-2	41735	41832	42110	41892	0.46	cps
Selenium	77-2	370	333	350	351	5.23	cps
Selenium	78-2	1259	1287	1332	1293	2.82	cps
Selenium	82-1	68597	67895	67288	67927	0.96	cps
Silicon	28-1	2368927	2350981	2324201	2348036	0.96	cps
Silver	109-1	5242214	5194358	5193172	5209915	0.54	cps
Silver	107-1	5513537	5504018	5431893	5483149	0.81	cps
Sodium	23-2	4101968	4084627	4094637	4093744	0.21	cps
Strontium	86-1	1366214	1395499	1358404	1373372	1.42	cps
Strontium	88-1	11913784	11771007	11676101	11786964	1.02	cps
Sulfur	34-1	727800	724876	717778	723485	0.71	cps
Terbium	159-1	11689994	11794831	11929767	11804864	1.02	cps
Terbium	159-2	2196820	2178952	2183955	2186575	0.42	cps
Thallium	203-1	4029034	3945828	3981165	3985342	1.05	cps
Thallium	205-1	9403310	9253143	9305243	9320565	0.82	cps
Tin	118-1	3572496	3622088	3583174	3592586	0.73	cps
Titanium	47-1	563124	566441	560073	563213	0.57	cps
Uranium	238-1	12641730	12330996	12335074	12435933	1.43	cps
Vanadium	51-2	338150	339794	338541	338828	0.25	cps
Yttrium	89-1	9200004	9296012	9417402	9304473	1.17	cps
Yttrium	89-2	277556	274591	273657	275268	0.74	cps
Zinc	66-2	147760	147134	146870	147255	0.31	cps
Zirconium	90-1	7575809	7554376	7538161	7556115	0.25	cps

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	PB102401BSD	Instrumnet Name :	P8
Client Sample ID :	PB102401BSD	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 17:46:55	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1726728	1723286	1695585	1715200	1.00	cps

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	I5261-01	Instrumnet Name :	P8
Client Sample ID :	1708235765	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 17:49:55	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1792	1700	1717	1736	2.81	cps
Antimony	121-1	7553	8253	6569	7458	11.35	cps
Arsenic	75-2	80	81	89	83	5.88	cps
Barium	135-1	1680500	1704584	1735745	1706943	1.62	cps
Barium	137-1	2968184	2954363	3012376	2978308	1.02	cps
Beryllium	9-1	617	544	556	572	6.80	cps
Bismuth	209-1	7066283	7015797	6787232	6956437	2.14	cps
Bismuth	209-2	1650279	1743920	1681311	1691836	2.82	cps
Boron	10-1	19122	19022	19038	19061	0.28	cps
Boron	11-1	90795	88321	86837	88651	2.26	cps
Cadmium	111-1	1867	1846	1764	1826	2.98	cps
Cadmium	106-1	2384	2309	2192	2295	4.21	cps
Cadmium	108-1	79	129	100	103	24.44	cps
Calcium	43-1	1516205	1541361	1521199	1526255	0.87	cps
Calcium	44-1	24842375	25129259	24889731	24953788	0.62	cps
Chromium	52-2	3287	3354	3384	3342	1.48	cps
Cobalt	59-2	5158	5468	5394	5340	3.03	cps
Copper	63-2	146549	143708	146547	145601	1.13	cps
Dysprosium	156-1	958	800	1000	920	11.48	cps
Dysprosium	156-2	193	173	230	199	14.45	cps
Erbium	164-1	1017	850	800	889	12.76	cps
Erbium	164-2	193	157	180	177	10.51	cps
Gadolinium	160-1	775	967	875	872	10.99	cps
Gadolinium	160-2	230	223	237	230	2.90	cps
Holmium	165-1	11611433	11477829	11147068	11412110	2.09	cps
Holmium	165-2	2239297	2312180	2324501	2291993	2.01	cps
Indium	115-1	9120797	9121609	8833608	9025338	1.84	cps
Indium	115-2	360508	369055	367453	365672	1.24	cps
Iron	56-2	321763	319944	324466	322058	0.71	cps
Iron	57-2	7969	7997	8219	8062	1.70	cps
Lead	206-1	4595	4796	4462	4618	3.63	cps
Lead	207-1	3790	4012	3795	3866	3.28	cps
Lead	208-1	17194	17894	17416	17501	2.04	cps
Lithium	6-1	1406617	1402995	1367497	1392370	1.55	cps
Magnesium	24-2	822751	808499	827496	819582	1.21	cps
Manganese	55-2	36845	36180	37303	36776	1.54	cps

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	I5261-01	Instrumnet Name :	P8
Client Sample ID :	1708235765	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 17:49:55	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	82090	81394	80237	81240	1.15	cps
Molybdenum	95-1	109750	110422	109934	110035	0.32	cps
Molybdenum	96-1	118900	119381	119902	119394	0.42	cps
Molybdenum	97-1	68725	69227	68607	68853	0.48	cps
Molybdenum	98-1	176316	176763	175946	176342	0.23	cps
Neodymium	150-1	1727	1560	1433	1573	9.35	cps
Neodymium	150-2	160	160	173	164	4.68	cps
Nickel	60-2	9884	9934	9453	9757	2.71	cps
Phosphorus	31-2	22101	22477	22377	22318	0.87	cps
Potassium	39-2	5899105	5832979	5938098	5890061	0.90	cps
Rhodium	103-1	8376373	8249328	7973899	8199867	2.51	cps
Rhodium	103-2	2040861	2098283	2030177	2056440	1.78	cps
Scandium	45-1	5162530	5117344	4919368	5066414	2.55	cps
Scandium	45-2	40739	41949	41264	41317	1.47	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	6	11	4	7	56.78	cps
Selenium	82-1	336	247	279	287	15.80	cps
Silicon	28-1	10233459	11423082	10762649	10806397	5.52	cps
Silver	109-1	733	567	600	633	13.93	cps
Silver	107-1	808	650	792	750	11.60	cps
Sodium	23-2	2934863	2916223	2997927	2949671	1.45	cps
Strontium	86-1	1631660	1639146	1618296	1629701	0.65	cps
Strontium	88-1	13780772	13842176	13817068	13813339	0.22	cps
Sulfur	34-1	1004814	1008996	999487	1004433	0.47	cps
Terbium	159-1	12149200	11952049	11616143	11905798	2.26	cps
Terbium	159-2	2204971	2212015	2210242	2209076	0.17	cps
Thallium	203-1	1233	1183	958	1125	13.02	cps
Thallium	205-1	2675	2875	2467	2673	7.64	cps
Tin	118-1	34803	37512	29629	33981	11.79	cps
Titanium	47-1	22686	22471	23659	22939	2.76	cps
Uranium	238-1	2809	2625	2417	2617	7.49	cps
Vanadium	51-2	540	513	537	530	2.74	cps
Yttrium	89-1	9539406	9335466	9151878	9342250	2.08	cps
Yttrium	89-2	273380	277850	277025	276085	0.86	cps
Zinc	66-2	32852	32829	33414	33032	1.00	cps
Zirconium	90-1	54874	51400	47877	51384	6.81	cps

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	I5261-01	Instrumnet Name :	P8
Client Sample ID :	1708235765	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 17:49:55	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	12039	11180	10771	11330	5.71	cps

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	I5261-01DLX2	Instrumnet Name :	P8
Client Sample ID :	1708235765DL	Dilution Factor :	2
Date & Time Acquired ::	2017-09-19 17:53:00	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1042	858	1008	970	10.07	cps
Antimony	121-1	1875	1567	1508	1650	11.94	cps
Arsenic	75-2	56	48	46	50	9.80	cps
Barium	135-1	845595	841384	844817	843932	0.27	cps
Barium	137-1	1469256	1474512	1472587	1472118	0.18	cps
Beryllium	9-1	433	417	372	407	7.75	cps
Bismuth	209-1	7077491	7116961	7075764	7090072	0.33	cps
Bismuth	209-2	1575187	1778882	1803065	1719045	7.28	cps
Boron	10-1	9837	10029	9370	9745	3.48	cps
Boron	11-1	45649	44938	44629	45072	1.16	cps
Cadmium	111-1	1734	1643	1519	1632	6.61	cps
Cadmium	106-1	2259	2192	2059	2170	4.69	cps
Cadmium	108-1	25	71	25	40	65.70	cps
Calcium	43-1	783281	775179	764588	774349	1.21	cps
Calcium	44-1	13000188	12749544	12649782	12799838	1.41	cps
Chromium	52-2	1964	1910	1980	1951	1.87	cps
Cobalt	59-2	2710	2734	2834	2759	2.38	cps
Copper	63-2	77146	75665	75661	76157	1.12	cps
Dysprosium	156-1	550	417	433	467	15.57	cps
Dysprosium	156-2	110	77	77	88	21.92	cps
Erbium	164-1	467	508	500	492	4.48	cps
Erbium	164-2	87	93	73	84	12.06	cps
Gadolinium	160-1	525	550	458	511	9.27	cps
Gadolinium	160-2	83	127	110	107	20.49	cps
Holmium	165-1	11386724	11640415	11420374	11482504	1.20	cps
Holmium	165-2	2119186	2376510	2353311	2283002	6.23	cps
Indium	115-1	9096569	9244603	9202269	9181147	0.83	cps
Indium	115-2	349678	384627	389491	374598	5.80	cps
Iron	56-2	163408	164460	162064	163310	0.74	cps
Iron	57-2	4351	4106	4040	4166	3.93	cps
Lead	206-1	2517	2628	2739	2628	4.23	cps
Lead	207-1	2145	2261	2106	2171	3.73	cps
Lead	208-1	10219	10724	10430	10458	2.43	cps
Lithium	6-1	1402957	1397239	1378934	1393043	0.90	cps
Magnesium	24-2	429080	424749	414869	422899	1.72	cps
Manganese	55-2	19123	18626	18656	18802	1.48	cps

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	I5261-01DLX2	Instrumnet Name :	P8
Client Sample ID :	1708235765DL	Dilution Factor :	2
Date & Time Acquired ::	2017-09-19 17:53:00	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	38773	38046	39450	38756	1.81	cps
Molybdenum	95-1	54820	55171	55974	55322	1.07	cps
Molybdenum	96-1	58787	59474	60653	59638	1.58	cps
Molybdenum	97-1	34328	34846	34979	34718	0.99	cps
Molybdenum	98-1	86642	90736	90519	89299	2.58	cps
Neodymium	150-1	747	733	720	733	1.82	cps
Neodymium	150-2	117	110	90	106	13.15	cps
Nickel	60-2	5174	5034	5294	5168	2.52	cps
Phosphorus	31-2	11730	10721	11413	11288	4.57	cps
Potassium	39-2	3133521	3087022	3070217	3096920	1.06	cps
Rhodium	103-1	8359435	8466101	8297952	8374496	1.02	cps
Rhodium	103-2	1941824	2142216	2158242	2080761	5.80	cps
Scandium	45-1	5199242	5248060	5157348	5201550	0.87	cps
Scandium	45-2	38727	42845	42672	41415	5.62	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	9	4	4	6	57.80	cps
Selenium	82-1	83	-9	116	63	101.73	cps
Silicon	28-1	5760282	4917644	5541979	5406635	8.09	cps
Silver	109-1	350	342	308	333	6.61	cps
Silver	107-1	350	508	417	425	18.71	cps
Sodium	23-2	1546505	1535319	1525268	1535697	0.69	cps
Strontium	86-1	815099	808348	808769	810739	0.47	cps
Strontium	88-1	7076176	6967875	7078234	7040762	0.90	cps
Sulfur	34-1	704079	705331	706490	705300	0.17	cps
Terbium	159-1	11801264	11929767	11837991	11856341	0.56	cps
Terbium	159-2	2073605	2240437	2327943	2213995	5.84	cps
Thallium	203-1	458	550	525	511	9.27	cps
Thallium	205-1	1092	1067	1283	1147	10.33	cps
Tin	118-1	14086	14389	13013	13830	5.23	cps
Titanium	47-1	10163	10179	10488	10276	1.78	cps
Uranium	238-1	1233	1250	1233	1239	0.78	cps
Vanadium	51-2	310	290	270	290	6.90	cps
Yttrium	89-1	9595608	9580637	9494571	9556939	0.57	cps
Yttrium	89-2	259621	284778	289168	277856	5.74	cps
Zinc	66-2	17658	17451	16840	17317	2.45	cps
Zirconium	90-1	18488	17996	17571	18018	2.55	cps

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	I5261-01DLX2	Instrumnet Name :	P8
Client Sample ID :	1708235765DL	Dilution Factor :	2
Date & Time Acquired ::	2017-09-19 17:53:00	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4159	3851	4026	4012	3.86	cps

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	I5261-01DL2X20	Instrumnet Name :	P8
Client Sample ID :	1708235765DL2	Dilution Factor :	20
Date & Time Acquired ::	2017-09-19 17:56:07	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	108	75	92	18.18	cps
Antimony	121-1	642	625	517	594	11.42	cps
Arsenic	75-2	13	13	11	12	8.65	cps
Barium	135-1	79640	80679	79061	79793	1.03	cps
Barium	137-1	140179	139521	140035	139912	0.25	cps
Beryllium	9-1	333	278	356	322	12.43	cps
Bismuth	209-1	6965286	7031911	6881249	6959482	1.08	cps
Bismuth	209-2	1770724	1781432	1729100	1760419	1.57	cps
Boron	10-1	2367	2409	2509	2428	3.00	cps
Boron	11-1	11572	11180	10671	11141	4.05	cps
Cadmium	111-1	1292	1386	1363	1347	3.65	cps
Cadmium	106-1	1784	1967	1925	1892	5.08	cps
Cadmium	108-1	33	17	25	25	33.32	cps
Calcium	43-1	78252	76417	76139	76936	1.49	cps
Calcium	44-1	1277055	1289352	1283933	1283447	0.48	cps
Chromium	52-2	863	773	813	817	5.52	cps
Cobalt	59-2	283	293	263	280	5.46	cps
Copper	63-2	7686	7786	7769	7747	0.69	cps
Dysprosium	156-1	17	17	58	31	78.72	cps
Dysprosium	156-2	10	7	13	10	33.30	cps
Erbium	164-1	75	108	83	89	19.52	cps
Erbium	164-2	13	17	7	12	41.65	cps
Gadolinium	160-1	108	133	158	133	18.75	cps
Gadolinium	160-2	7	13	17	12	41.65	cps
Holmium	165-1	11109537	11276370	11050042	11145317	1.05	cps
Holmium	165-2	2292220	2276504	2243868	2270864	1.09	cps
Indium	115-1	9107186	9271240	9007460	9128629	1.46	cps
Indium	115-2	380652	381545	381930	381375	0.17	cps
Iron	56-2	17656	17617	17106	17460	1.76	cps
Iron	57-2	394	500	411	435	13.04	cps
Lead	206-1	1056	1167	1128	1117	5.05	cps
Lead	207-1	989	950	978	972	2.06	cps
Lead	208-1	4262	4217	4256	4245	0.57	cps
Lithium	6-1	1333897	1345827	1345228	1341651	0.50	cps
Magnesium	24-2	40943	40768	40609	40773	0.41	cps
Manganese	55-2	1917	2007	1767	1897	6.39	cps

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	I5261-01DL2X20	Instrumnet Name :	P8
Client Sample ID :	1708235765DL2	Dilution Factor :	20
Date & Time Acquired ::	2017-09-19 17:56:07	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3909	3667	4410	3995	9.48	cps
Molybdenum	95-1	5635	5418	5593	5549	2.07	cps
Molybdenum	96-1	6068	5826	5760	5885	2.76	cps
Molybdenum	97-1	3484	3584	3601	3556	1.77	cps
Molybdenum	98-1	9003	8745	8445	8731	3.20	cps
Neodymium	150-1	120	87	107	104	16.07	cps
Neodymium	150-2	17	7	7	10	57.72	cps
Nickel	60-2	690	547	670	636	12.21	cps
Phosphorus	31-2	1167	1033	1192	1131	7.53	cps
Potassium	39-2	299490	298749	302615	300285	0.68	cps
Rhodium	103-1	8346388	8560094	8238262	8381581	1.95	cps
Rhodium	103-2	2152523	2122264	2155667	2143485	0.86	cps
Scandium	45-1	5019766	5064461	4972403	5018877	0.92	cps
Scandium	45-2	40224	41816	41906	41315	2.29	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	4	4	0	2	86.60	cps
Selenium	82-1	-15	-100	39	-25	-277.35	cps
Silicon	28-1	925303	909830	926003	920379	0.99	cps
Silver	109-1	233	183	258	225	16.97	cps
Silver	107-1	383	358	250	331	21.44	cps
Sodium	23-2	153629	151010	153106	152582	0.91	cps
Strontium	86-1	78669	78677	78660	78669	0.01	cps
Strontium	88-1	673284	670916	673776	672659	0.23	cps
Sulfur	34-1	417910	416016	409250	414392	1.10	cps
Terbium	159-1	11513808	11803756	11529394	11615652	1.40	cps
Terbium	159-2	2201024	2221872	2209303	2210733	0.47	cps
Thallium	203-1	258	325	225	269	18.90	cps
Thallium	205-1	592	508	550	550	7.58	cps
Tin	118-1	2652	2034	3565	2750	27.99	cps
Titanium	47-1	1192	1133	1384	1236	10.59	cps
Uranium	238-1	300	258	167	242	28.23	cps
Vanadium	51-2	23	37	33	31	22.31	cps
Yttrium	89-1	9269381	9352586	9307243	9309736	0.45	cps
Yttrium	89-2	280040	280825	282195	281020	0.39	cps
Zinc	66-2	1780	1944	1760	1828	5.50	cps
Zirconium	90-1	2242	2217	2209	2223	0.78	cps

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	I5261-01DL2X20	Instrumnet Name :	P8
Client Sample ID :	1708235765DL2	Dilution Factor :	20
Date & Time Acquired ::	2017-09-19 17:56:07	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	567	525	617	569	8.06	cps

LB Number : LB90169 Operator : Jaswal
 Lab Sample ID : I5232-08DLX20 Instrumnet Name : P8
 Client Sample ID : WP021MW463-170911D Dilution Factor : 20
 Date & Time Acquired :: 2017-09-19 18:05:36 DataFile Name : 027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108	92	58	86	29.56	cps
Antimony	121-1	3876	3626	3392	3631	6.66	cps
Arsenic	75-2	15	20	13	16	24.03	cps
Barium	135-1	6477	6577	6218	6424	2.88	cps
Barium	137-1	11122	10797	11264	11061	2.16	cps
Beryllium	9-1	439	417	417	424	3.03	cps
Bismuth	209-1	6791972	6659711	6624934	6692206	1.32	cps
Bismuth	209-2	1670652	1657133	1535337	1621041	4.60	cps
Boron	10-1	12206	12272	12664	12381	2.00	cps
Boron	11-1	55626	58404	56504	56844	2.50	cps
Cadmium	111-1	1553	1544	1619	1572	2.59	cps
Cadmium	106-1	1984	2025	2125	2045	3.56	cps
Cadmium	108-1	33	4	33	24	71.31	cps
Calcium	43-1	330944	330841	334461	332082	0.62	cps
Calcium	44-1	5473734	5504518	5461112	5479788	0.41	cps
Chromium	52-2	122446	122050	123257	122584	0.50	cps
Cobalt	59-2	400	517	357	424	19.50	cps
Copper	63-2	1020	1087	1087	1065	3.62	cps
Dysprosium	156-1	108	67	83	86	24.35	cps
Dysprosium	156-2	17	30	10	19	53.91	cps
Erbium	164-1	183	83	83	117	49.48	cps
Erbium	164-2	17	13	20	17	20.01	cps
Gadolinium	160-1	100	142	125	122	17.16	cps
Gadolinium	160-2	20	13	33	22	45.83	cps
Holmium	165-1	11051095	10675985	10835190	10854090	1.73	cps
Holmium	165-2	2225371	2210067	2033263	2156234	4.95	cps
Indium	115-1	9027775	8878787	8827042	8911201	1.17	cps
Indium	115-2	374471	369890	341737	362033	4.90	cps
Iron	56-2	48323	47972	49093	48463	1.18	cps
Iron	57-2	1072	1233	1078	1128	8.11	cps
Lead	206-1	1483	1239	1561	1428	11.78	cps
Lead	207-1	1283	1267	1383	1311	4.81	cps
Lead	208-1	5678	5562	5834	5691	2.40	cps
Lithium	6-1	1306956	1288391	1300509	1298619	0.73	cps
Magnesium	24-2	78634	81441	79178	79751	1.87	cps
Manganese	55-2	960	1123	1090	1058	8.16	cps

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	I5232-08DLX20	Instrumnet Name :	P8
Client Sample ID :	WP021MW463-170911D	Dilution Factor :	20
Date & Time Acquired ::	2017-09-19 18:05:36	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	933	1017	1133	1028	9.78	cps
Molybdenum	95-1	983	775	867	875	11.93	cps
Molybdenum	96-1	1083	1142	992	1072	7.05	cps
Molybdenum	97-1	700	475	367	514	33.09	cps
Molybdenum	98-1	1333	1158	1208	1233	7.31	cps
Neodymium	150-1	133	127	140	133	5.00	cps
Neodymium	150-2	17	10	7	11	45.82	cps
Nickel	60-2	233	267	197	232	15.08	cps
Phosphorus	31-2	8	17	8	11	43.34	cps
Potassium	39-2	13040	12323	12665	12676	2.83	cps
Rhodium	103-1	8263398	8097794	8112636	8157943	1.12	cps
Rhodium	103-2	2091823	2071378	1924760	2029320	4.49	cps
Scandium	45-1	5085805	4946758	4972742	5001768	1.48	cps
Scandium	45-2	40990	41134	38169	40098	4.17	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	2	0	4	2	100.00	cps
Selenium	82-1	1	32	-18	5	509.68	cps
Silicon	28-1	3867010	3815775	3804164	3828983	0.87	cps
Silver	109-1	1959	2417	2242	2206	10.49	cps
Silver	107-1	2225	2134	2375	2245	5.44	cps
Sodium	23-2	719401	713859	705894	713052	0.95	cps
Strontium	86-1	299513	301657	302339	301170	0.49	cps
Strontium	88-1	2664074	2672785	2663547	2666802	0.19	cps
Sulfur	34-1	519191	520605	518487	519428	0.21	cps
Terbium	159-1	11446971	11137913	11151941	11245608	1.55	cps
Terbium	159-2	2144029	2117616	1961333	2074326	4.76	cps
Thallium	203-1	2034	2025	1967	2009	1.81	cps
Thallium	205-1	5368	4834	4668	4957	7.38	cps
Tin	118-1	4809	4668	4284	4587	5.92	cps
Titanium	47-1	975	1083	992	1017	5.74	cps
Uranium	238-1	10597	10355	10747	10566	1.87	cps
Vanadium	51-2	127	103	120	117	10.30	cps
Yttrium	89-1	9217475	9020733	9035753	9091320	1.20	cps
Yttrium	89-2	274861	273033	250350	266081	5.13	cps
Zinc	66-2	553	467	473	498	9.69	cps
Zirconium	90-1	1809	1759	1675	1747	3.86	cps

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	I5232-08DLX20	Instrumnet Name :	P8
Client Sample ID :	WP021MW463-170911DI	Dilution Factor :	20
Date & Time Acquired ::	2017-09-19 18:05:36	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	392	333	517	414	22.63	cps

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	CCV37	Instrumnet Name :	P8
Client Sample ID :	CCV37	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 18:08:59	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	353747	355621	354987	354785	0.27	cps
Antimony	121-1	5250081	5276268	5244081	5256810	0.33	cps
Arsenic	75-2	56381	56718	55952	56350	0.68	cps
Barium	135-1	5549606	5567801	5584083	5567164	0.31	cps
Barium	137-1	9590569	9525521	9596927	9571005	0.41	cps
Beryllium	9-1	701794	713304	706592	707230	0.82	cps
Bismuth	209-1	6698169	6650469	6623433	6657357	0.57	cps
Bismuth	209-2	1607592	1598299	1612911	1606267	0.46	cps
Boron	10-1	82009	85262	83753	83674	1.95	cps
Boron	11-1	381089	390482	394588	388720	1.78	cps
Cadmium	111-1	1082831	1086063	1093989	1087627	0.53	cps
Cadmium	106-1	113314	113802	114139	113752	0.36	cps
Cadmium	108-1	76499	77307	76226	76677	0.73	cps
Calcium	43-1	5279128	5276535	5274176	5276613	0.05	cps
Calcium	44-1	87202996	86339908	87257794	86933566	0.59	cps
Chromium	52-2	468194	467793	466699	467562	0.17	cps
Cobalt	59-2	983774	976127	974790	978230	0.50	cps
Copper	63-2	1668016	1669829	1692978	1676941	0.83	cps
Dysprosium	156-1	100	125	142	122	17.16	cps
Dysprosium	156-2	7	10	10	9	21.63	cps
Erbium	164-1	50	117	100	89	39.03	cps
Erbium	164-2	10	20	10	13	43.30	cps
Gadolinium	160-1	133	125	133	131	3.68	cps
Gadolinium	160-2	13	33	13	20	57.74	cps
Holmium	165-1	11197305	11192272	10944279	11111285	1.30	cps
Holmium	165-2	2237314	2184654	2197176	2206381	1.25	cps
Indium	115-1	8690149	8644935	8666859	8667314	0.26	cps
Indium	115-2	351931	352498	354932	353121	0.45	cps
Iron	56-2	76014496	76478335	75901241	76131357	0.40	cps
Iron	57-2	1980758	1942822	1950612	1958064	1.02	cps
Lead	206-1	3225126	3220899	3257788	3234604	0.62	cps
Lead	207-1	2932336	2943755	2967995	2948029	0.62	cps
Lead	208-1	13043793	13014925	13112612	13057110	0.38	cps
Lithium	6-1	1322979	1311981	1329056	1321339	0.66	cps
Magnesium	24-2	8494773	8459984	8527980	8494245	0.40	cps
Manganese	55-2	256403	256028	257604	256678	0.32	cps

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	CCV37	Instrumnet Name :	P8
Client Sample ID :	CCV37	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 18:08:59	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4076566	4102637	4051508	4076904	0.63	cps
Molybdenum	95-1	2189069	2218852	2209721	2205881	0.69	cps
Molybdenum	96-1	2835451	2872840	2865651	2857981	0.69	cps
Molybdenum	97-1	1335007	1343428	1349025	1342487	0.53	cps
Molybdenum	98-1	3535043	3545951	3516734	3532576	0.42	cps
Neodymium	150-1	200	180	193	191	5.33	cps
Neodymium	150-2	10	3	10	8	49.52	cps
Nickel	60-2	282579	283501	281778	282619	0.31	cps
Phosphorus	31-2	5343	4726	4918	4996	6.32	cps
Potassium	39-2	2435224	2397887	2430255	2421122	0.84	cps
Rhodium	103-1	7913156	7727308	7743130	7794532	1.32	cps
Rhodium	103-2	1953269	1964468	1959106	1958948	0.29	cps
Scandium	45-1	5049103	4983799	4984206	5005703	0.75	cps
Scandium	45-2	40201	41464	41074	40913	1.58	cps
Selenium	77-2	370	387	363	373	3.22	cps
Selenium	78-2	1232	1287	1387	1302	6.05	cps
Selenium	82-1	66971	67553	68049	67525	0.80	cps
Silicon	28-1	2336229	2378111	2359616	2357985	0.89	cps
Silver	109-1	5103029	5110123	5107268	5106806	0.07	cps
Silver	107-1	5378674	5369111	5375501	5374429	0.09	cps
Sodium	23-2	20186362	20184519	20252984	20207955	0.19	cps
Strontium	86-1	1438292	1447285	1410132	1431903	1.35	cps
Strontium	88-1	12213896	12353063	12347156	12304705	0.64	cps
Sulfur	34-1	743810	751332	753644	749595	0.69	cps
Terbium	159-1	11614200	11545804	11315954	11491986	1.36	cps
Terbium	159-2	2140261	2142440	2141282	2141328	0.05	cps
Thallium	203-1	3957408	3945993	3994343	3965915	0.64	cps
Thallium	205-1	9303868	9230841	9345370	9293360	0.62	cps
Tin	118-1	3607039	3600020	3614484	3607181	0.20	cps
Titanium	47-1	567951	567911	573049	569637	0.52	cps
Uranium	238-1	12642703	12731290	12690107	12688033	0.35	cps
Vanadium	51-2	350987	349889	351594	350823	0.25	cps
Yttrium	89-1	9121126	9045626	9027823	9064858	0.55	cps
Yttrium	89-2	267456	268608	270542	268869	0.58	cps
Zinc	66-2	146316	146157	145749	146074	0.20	cps
Zirconium	90-1	7674259	7686824	7741692	7700925	0.47	cps

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	CCV37	Instrumnet Name :	P8
Client Sample ID :	CCV37	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 18:08:59	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1743002	1738177	1723311	1734830	0.59	cps

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	CCB37	Instrumnet Name :	P8
Client Sample ID :	CCB37	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 18:11:58	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	8	33	19	65.48	cps
Antimony	121-1	3334	3142	3092	3189	4.00	cps
Arsenic	75-2	11	17	7	12	39.74	cps
Barium	135-1	125	192	183	167	21.79	cps
Barium	137-1	233	317	350	300	20.03	cps
Beryllium	9-1	606	589	600	598	1.42	cps
Bismuth	209-1	7018751	6497080	6947207	6821012	4.15	cps
Bismuth	209-2	1696787	1693825	1700206	1696939	0.19	cps
Boron	10-1	3467	2950	2900	3106	10.10	cps
Boron	11-1	15417	13565	13348	14110	8.06	cps
Cadmium	111-1	1547	1463	1710	1573	7.99	cps
Cadmium	106-1	2092	1992	2359	2148	8.83	cps
Cadmium	108-1	25	21	17	21	19.99	cps
Calcium	43-1	2000	2225	1842	2022	9.53	cps
Calcium	44-1	35429	35989	35287	35568	1.04	cps
Chromium	52-2	643	560	627	610	7.23	cps
Cobalt	59-2	53	43	80	59	32.19	cps
Copper	63-2	343	310	423	359	16.23	cps
Dysprosium	156-1	25	42	67	44	47.19	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	75	58	42	58	28.57	cps
Erbium	164-2	13	10	7	10	33.30	cps
Gadolinium	160-1	75	92	133	100	30.05	cps
Gadolinium	160-2	10	3	13	9	57.30	cps
Holmium	165-1	11151459	10181695	11142090	10825081	5.15	cps
Holmium	165-2	2213155	2192457	2207408	2204340	0.48	cps
Indium	115-1	9062113	8445966	9064997	8857692	4.03	cps
Indium	115-2	370850	365557	369034	368480	0.73	cps
Iron	56-2	4845	4379	4529	4584	5.20	cps
Iron	57-2	122	150	117	130	13.78	cps
Lead	206-1	1156	945	1039	1046	10.11	cps
Lead	207-1	967	1033	1128	1043	7.77	cps
Lead	208-1	4684	4562	4495	4580	2.09	cps
Lithium	6-1	1373919	1268813	1356091	1332941	4.22	cps
Magnesium	24-2	542	508	375	475	18.57	cps
Manganese	55-2	63	93	57	71	27.47	cps

LB Number : LB90169 Operator : Jaswal
 Lab Sample ID : CCB37 Instrumnet Name : P8
 Client Sample ID : CCB37 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-19 18:11:58 DataFile Name : 029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	958	917	775	883	10.88	cps
Molybdenum	95-1	533	617	500	550	10.93	cps
Molybdenum	96-1	842	692	883	806	12.51	cps
Molybdenum	97-1	392	533	400	442	18.00	cps
Molybdenum	98-1	1033	908	858	933	9.66	cps
Neodymium	150-1	7	20	7	11	69.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	143	137	157	146	7.00	cps
Phosphorus	31-2	8	33	17	19	65.47	cps
Potassium	39-2	3667	3826	3792	3762	2.22	cps
Rhodium	103-1	8341621	7725733	8297952	8121769	4.23	cps
Rhodium	103-2	2085845	2082970	2100884	2089900	0.46	cps
Scandium	45-1	5090851	4703664	5029375	4941297	4.21	cps
Scandium	45-2	40291	40251	41247	40597	1.39	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	2	0	6	2	114.63	cps
Selenium	82-1	-35	-68	54	-17	-381.30	cps
Silicon	28-1	445135	448576	443004	445572	0.63	cps
Silver	109-1	550	417	625	531	19.89	cps
Silver	107-1	700	592	550	614	12.61	cps
Sodium	23-2	12222	11755	10680	11552	6.85	cps
Strontium	86-1	958	1117	967	1014	8.79	cps
Strontium	88-1	667	667	725	686	4.91	cps
Sulfur	34-1	401943	398559	403014	401172	0.58	cps
Terbium	159-1	11571292	10557459	11519022	11215924	5.09	cps
Terbium	159-2	2179150	2124504	2139210	2147622	1.32	cps
Thallium	203-1	1133	1033	917	1028	10.55	cps
Thallium	205-1	2584	2034	2117	2245	13.21	cps
Tin	118-1	2384	2575	2450	2470	3.94	cps
Titanium	47-1	158	167	183	169	7.51	cps
Uranium	238-1	467	567	567	533	10.83	cps
Vanadium	51-2	40	10	17	22	70.88	cps
Yttrium	89-1	9250298	8545352	9105833	8967161	4.15	cps
Yttrium	89-2	272980	268149	269632	270253	0.92	cps
Zinc	66-2	93	120	80	98	20.83	cps
Zirconium	90-1	1442	1300	1392	1378	5.22	cps

LB Number :	LB90169	Operator :	Jaswal
Lab Sample ID :	CCB37	Instrumnet Name :	P8
Client Sample ID :	CCB37	Dilution Factor :	1
Date & Time Acquired ::	2017-09-19 18:11:58	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	258	292	250	267	8.27	cps