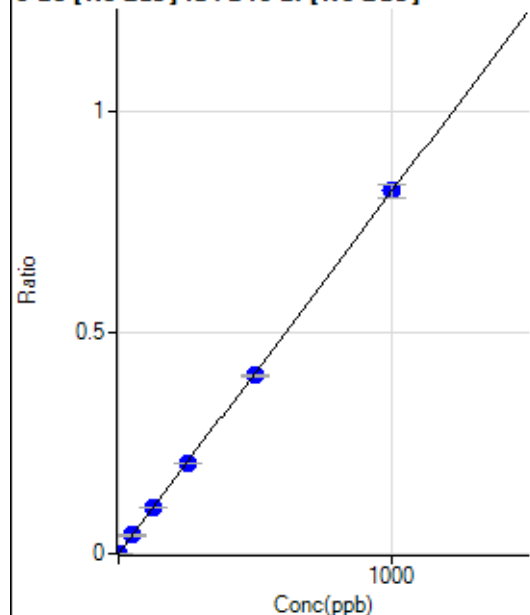


Batch Folder: D:\P801301 MS.b\
Analysis File: P801301 MS.batch.bin
DA Date-Time: 2018-01-30 16:03:47
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2018-01-30 15:44:44
2			
3	005CALS.d	S02	2018-01-30 15:51:48
4	009CALS.d	S03	2018-01-30 16:07:34
5	010CALS.d	S04	2018-01-30 16:10:58
6	011CALS.d	S05	2018-01-30 16:14:21
7	012CALS.d	S06	2018-01-30 16:17:40
8	013CALS.d	S07	2018-01-30 16:20:57
9	014CALS.d	S08	2018-01-30 16:24:10

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	53.71	0.0001	P	3.6
2	☐	0.100					
3	☐	1.000	0.961	722.26	0.0008	P	2.2
4	☐	50.000	50.511	35425.47	0.0413	P	2.0
5	☐	125.000	126.837	88984.60	0.1037	P	0.9
6	☐	250.000	250.981	174623.39	0.2050	P	0.5
7	☐	500.000	493.084	343471.76	0.4028	P	0.9
8	☐	1000.000	1002.958	686554.28	0.8192	P	3.9
9	☐			570.40	0.0007	P	1.0

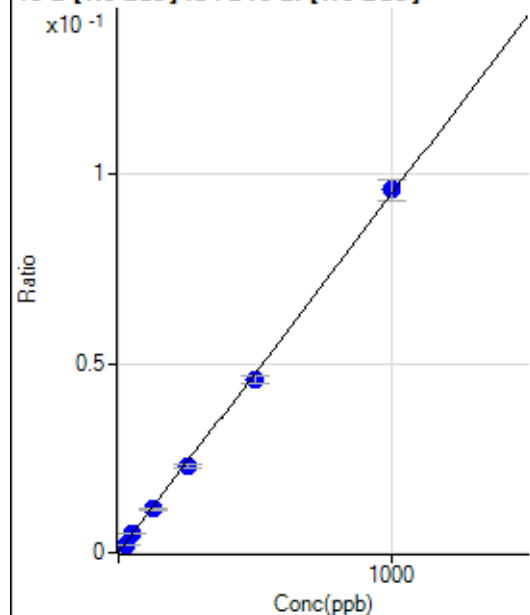
$$y = 8.1670\text{E-}004 * x + 6.3436\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.008287$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	77.78	0.0001	P	41.4
2	☐	2.500					
3	☐	25.000	21.667	1825.19	0.0021	P	4.7
4	☐	50.000	51.023	4220.24	0.0049	P	2.7
5	☐	125.000	121.607	9962.20	0.0116	P	3.4
6	☐	250.000	240.172	19444.43	0.0228	P	3.6
7	☐	500.000	482.449	39031.73	0.0458	P	4.0
8	☐	1000.000	1011.689	80339.15	0.0959	P	5.7
9	☐			3892.37	0.0046	P	9.4

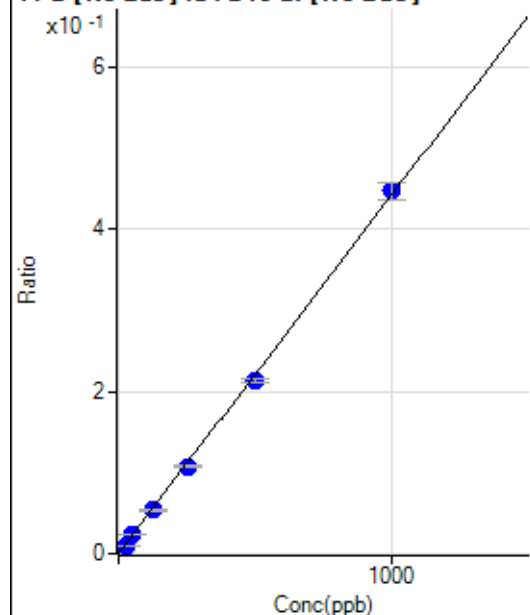
$$y = 9.4679\text{E-}005 * x + 9.1281\text{E-}005$$

$$R = 0.9997$$

$$DL = 1.197$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	380.58	0.0004	P	16.9
2	☐	2.500					
3	☐	25.000	21.646	8530.70	0.0100	P	4.9
4	☐	50.000	52.409	20242.88	0.0236	P	0.8
5	☐	125.000	120.862	46236.67	0.0539	P	3.3
6	☐	250.000	241.759	91373.51	0.1073	P	3.1
7	☐	500.000	481.205	181730.76	0.2131	P	1.8
8	☐	1000.000	1011.938	375136.27	0.4476	P	4.4
9	☐			17013.50	0.0202	P	4.7

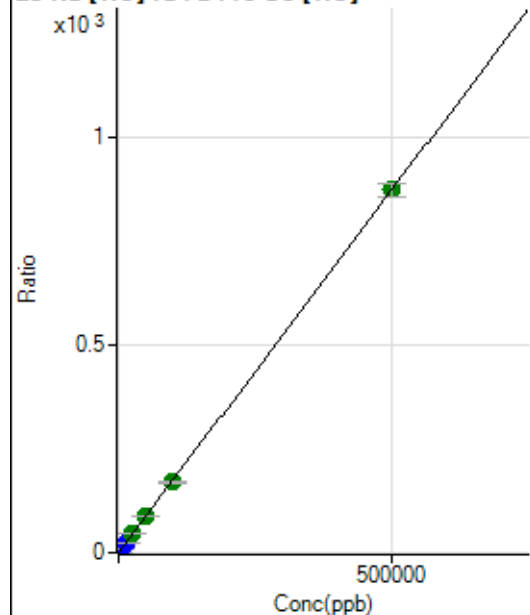
$$y = 4.4191\text{E-}004 * x + 4.4930\text{E-}004$$

$$R = 0.9997$$

$$DL = 0.5153$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6204.39	0.2299	P	1.6
2	☐	50.000					
3	☐	500.000	459.351	27689.00	1.0326	P	2.3
4	☐	5000.000	4970.247	228793.84	8.9157	P	0.3
5	☐	12500.000	12281.768	560774.49	21.6931	P	0.2
6	☐	25000.000	25380.499	1123620.20	44.5841	A	0.9
7	☐	50000.000	49687.837	2228267.45	87.0628	A	0.2
8	☐	100000.00	96819.337	4387557.65	169.4284	A	0.7
9	☐	500000.00	500654.11	21541609.68	875.1581	A	3.8

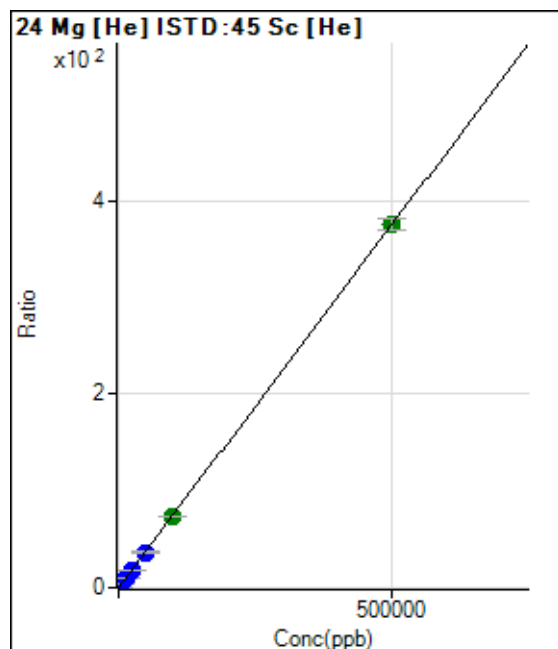
$$y = 0.0017 * x + 0.2299$$

$$R = 1.0000$$

$$DL = 6.384$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	669.49	0.0248	P	10.6
2	☐	50.000					
3	☐	500.000	469.512	10092.91	0.3764	P	3.0
4	☐	5000.000	5003.501	96783.84	3.7717	P	1.1
5	☐	12500.000	12435.465	241359.31	9.3372	P	1.2
6	☐	25000.000	24892.257	470396.97	18.6656	P	0.4
7	☐	50000.000	48960.002	939013.73	36.6889	P	0.5
8	☐	100000.00	98276.665	1906484.18	73.6200	A	0.5
9	☐	500000.00	500455.66	9226850.55	374.7947	A	3.1

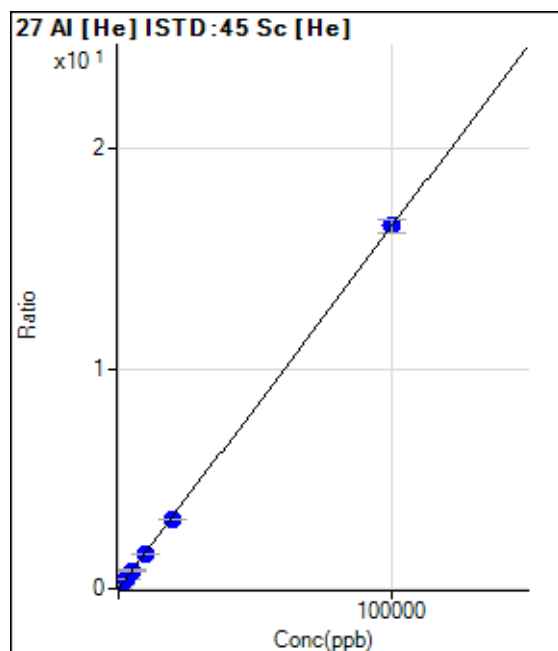
$$y = 7.4886\text{E-}004 * x + 0.0248$$

$$R = 1.0000$$

$$DL = 10.49$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16.67	0.0006	P	86.6
2	☐	2.000					
3	☐	20.000	22.840	116.67	0.0044	P	58.6
4	☐	1000.000	968.233	4106.33	0.1601	P	10.0
5	☐	2500.000	2471.080	10537.66	0.4077	P	1.9
6	☐	5000.000	5034.299	20913.35	0.8299	P	2.3
7	☐	10000.000	9569.070	40367.02	1.5769	P	2.1
8	☐	20000.000	19242.990	82104.21	3.1705	P	0.5
9	☐	100000.00	100193.82	406244.32	16.5055	P	4.1

$$y = 1.6473\text{E-}004 * x + 6.1704\text{E-}004$$

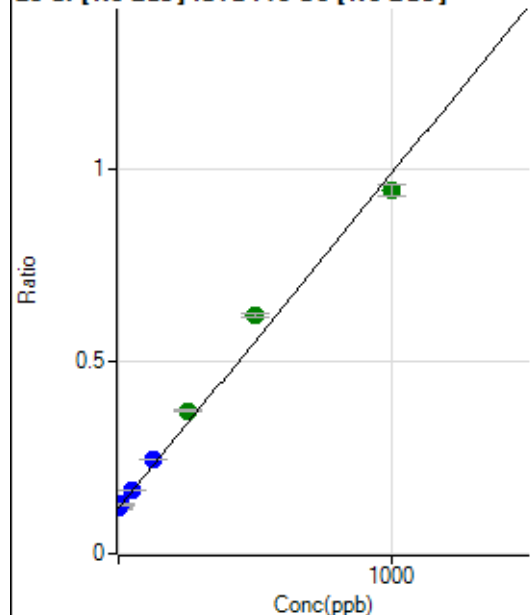
$$R = 1.0000$$

$$DL = 9.732$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	345597.70	0.1182	P	3.9
2	☐	1.000					
3	☐	10.000	10.746	379662.41	0.1275	P	1.1
4	☐	50.000	52.796	480708.05	0.1641	P	0.1
5	☐	125.000	146.566	729505.28	0.2456	P	0.6
6	☐	250.000	291.604	1090711.65	0.3717	A	0.8
7	☐	500.000	576.954	1821109.26	0.6197	A	1.3
8	☐	1000.000	948.279	2773185.29	0.9425	A	3.2
9	☐			359643.68	0.1235	P	3.8

$$y = 8.6930E-004 * x + 0.1182$$

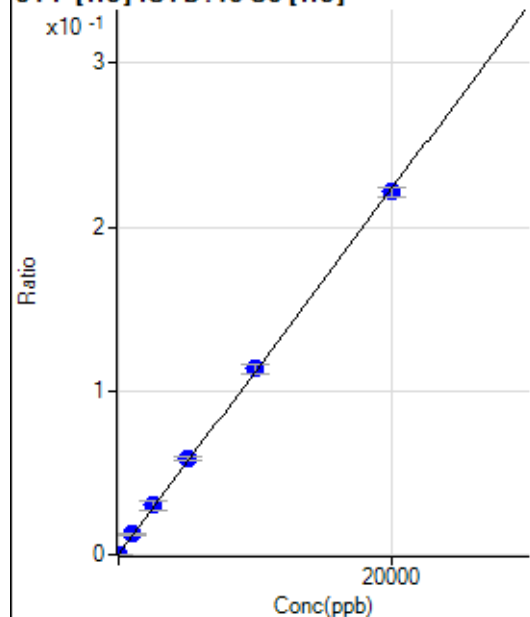
$$R = 0.9942$$

$$DL = 15.96$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-4.570	2.78	0.0001	P	173.
2	☐	0.000					
3	☐	0.000	4.570	5.55	0.0002	P	86.6
4	☐	1000.000	1121.698	325.02	0.0127	P	7.1
5	☐	2500.000	2712.672	786.17	0.0304	P	19.7
6	☐	5000.000	5222.217	1472.37	0.0584	P	4.5
7	☐	10000.000	10149.945	2903.21	0.1134	P	4.9
8	☐	20000.000	19836.804	5734.78	0.2214	P	2.9
9	☐			5.55	0.0002	P	86.7

$$y = 1.1156E-005 * x + 1.5414E-004$$

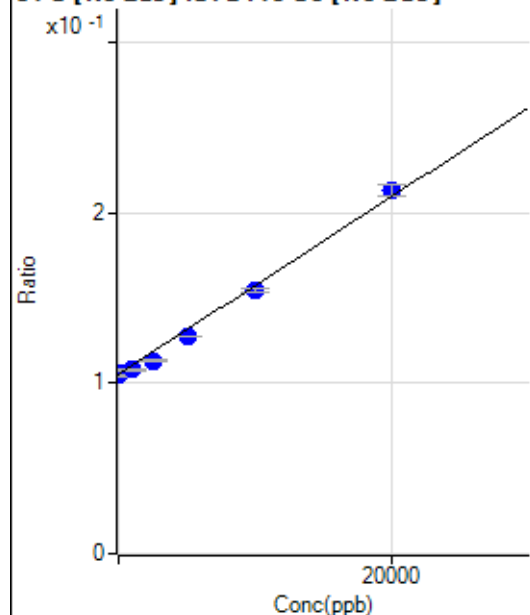
$$R = 0.9999$$

$$DL = 47.91$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	128.039	310043.62	0.1060	P	3.8
2	☐	0.000					
3	☐	0.000	-128.039	311680.92	0.1047	P	0.9
4	☐	1000.000	455.928	315635.73	0.1077	P	0.4
5	☐	2500.000	1526.548	336594.08	0.1133	P	0.9
6	☐	5000.000	4242.112	374051.33	0.1275	P	0.6
7	☐	10000.000	9420.416	453834.98	0.1545	P	1.7
8	☐	20000.000	20628.149	626236.41	0.2128	P	3.4
9	☐			274933.46	0.0944	P	1.4

$$y = 5.2102\text{E-}006 * x + 0.1054$$

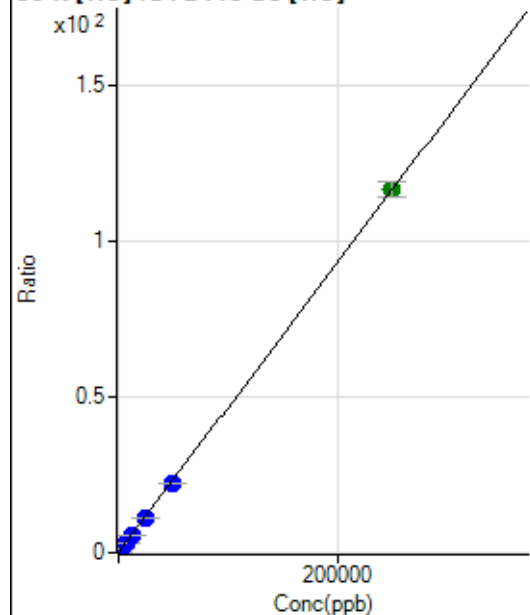
$$R = 0.9980$$

$$DL = 1407$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2530.91	0.0938	P	10.3
2	☐	50.000					
3	☐	500.000	448.157	8085.99	0.3015	P	1.2
4	☐	2500.000	2512.539	32296.59	1.2585	P	0.9
5	☐	6250.000	6142.064	76025.49	2.9410	P	0.6
6	☐	12500.000	12322.019	146320.31	5.8057	P	1.1
7	☐	25000.000	24114.585	288489.32	11.2723	P	0.9
8	☐	50000.000	47832.059	576626.15	22.2668	P	0.5
9	☐	250000.00	250533.70	2860701.39	116.2310	A	4.1

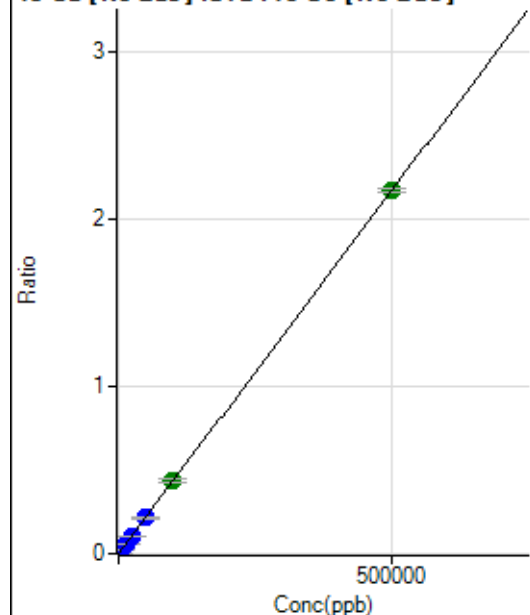
$$y = 4.6356\text{E-}004 * x + 0.0938$$

$$R = 1.0000$$

$$DL = 62.7$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	900.08	0.0003	P	6.1
2	☐	50.000					
3	☐	500.000	427.968	6449.03	0.0022	P	0.8
4	☐	5000.000	4980.220	64272.81	0.0219	P	1.1
5	☐	12500.000	12182.753	158090.80	0.0532	P	0.9
6	☐	25000.000	24652.731	315122.11	0.1074	P	1.0
7	☐	50000.000	49333.055	630567.97	0.2146	P	1.5
8	☐	100000.00	100501.06	1285399.72	0.4369	A	3.1
9	☐	500000.00	499992.04	6326650.71	2.1722	A	1.2

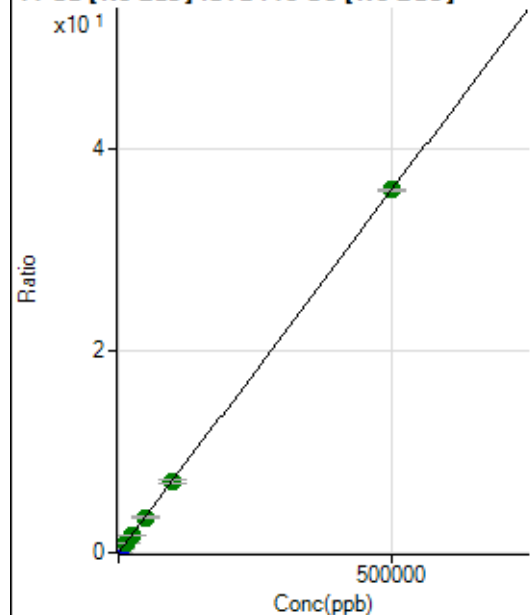
$$y = 4.3438\text{E-}006 * x + 3.0742\text{E-}004$$

$$R = 1.0000$$

$$DL = 12.93$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	12027.91	0.0041	P	4.2
2	☐	50.000					
3	☐	500.000	446.251	107632.92	0.0362	P	0.8
4	☐	5000.000	4865.994	1035537.14	0.3535	P	0.2
5	☐	12500.000	12262.331	2627290.57	0.8846	A	0.7
6	☐	25000.000	24308.703	5133694.60	1.7495	A	0.2
7	☐	50000.000	48650.521	10276062.47	3.4973	A	1.8
8	☐	100000.00	98524.531	20824150.47	7.0783	A	3.7
9	☐	500000.00	500471.94	104675557.8	35.9386	A	0.5

$$y = 7.1801\text{E-}005 * x + 0.0041$$

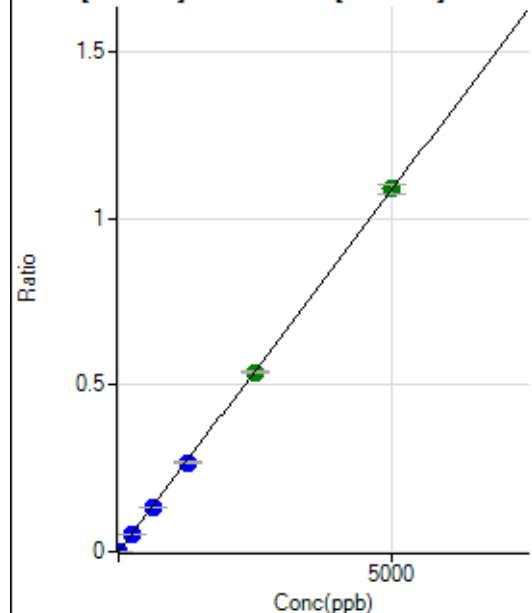
$$R = 1.0000$$

$$DL = 7.3$$

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	122.23	0.0000	P	11.8
2	☐	0.500					
3	☐	5.000	4.412	2972.67	0.0010	P	6.3
4	☐	250.000	248.136	157776.64	0.0539	P	1.1
5	☐	625.000	608.665	392217.32	0.1321	P	0.2
6	☐	1250.000	1233.302	785015.99	0.2675	P	0.6
7	☐	2500.000	2478.530	1579725.11	0.5376	A	1.1
8	☐	5000.000	5017.045	3201891.54	1.0882	A	2.8
9	☐			616.71	0.0002	P	5.7

$$y = 2.1689\text{E-}004 * x + 4.1833\text{E-}005$$

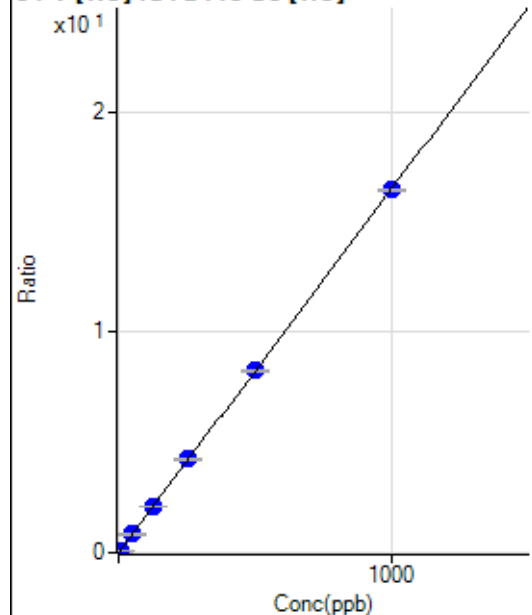
$$R = 1.0000$$

$$DL = 0.06807$$

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	11.11	0.0004	P	46.0
2	☐	0.500					
3	☐	5.000	4.563	2029.08	0.0757	P	6.3
4	☐	50.000	50.289	21300.86	0.8301	P	0.5
5	☐	125.000	125.636	53586.71	2.0731	P	1.7
6	☐	250.000	256.649	106713.51	4.2344	P	0.5
7	☐	500.000	501.167	211630.45	8.2684	P	0.9
8	☐	1000.000	997.663	426233.30	16.4593	P	0.5
9	☐			76.67	0.0031	P	43.1

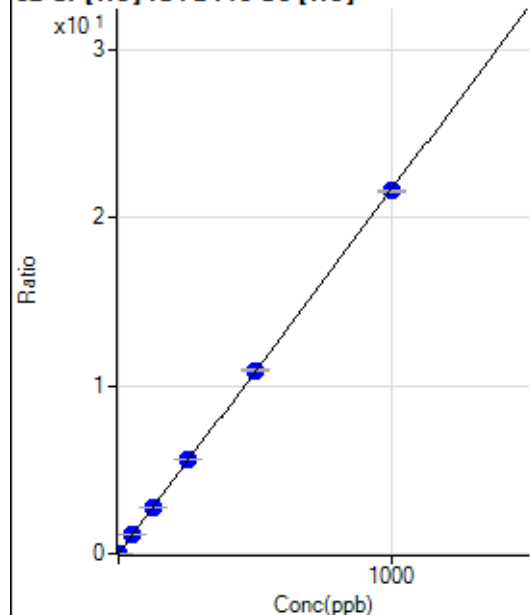
$$y = 0.0165 * x + 4.1191\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.03448$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	253.34	0.0094	P	3.9
2	☐	0.200					
3	☐	2.000	1.965	1392.32	0.0519	P	4.6
4	☐	50.000	51.126	28633.91	1.1158	P	0.3
5	☐	125.000	127.376	71501.45	2.7660	P	0.4
6	☐	250.000	257.752	140811.59	5.5874	P	0.6
7	☐	500.000	503.201	278958.93	10.8993	P	0.6
8	☐	1000.000	996.108	558487.60	21.5663	P	0.4
9	☐			7853.44	0.3190	P	3.2

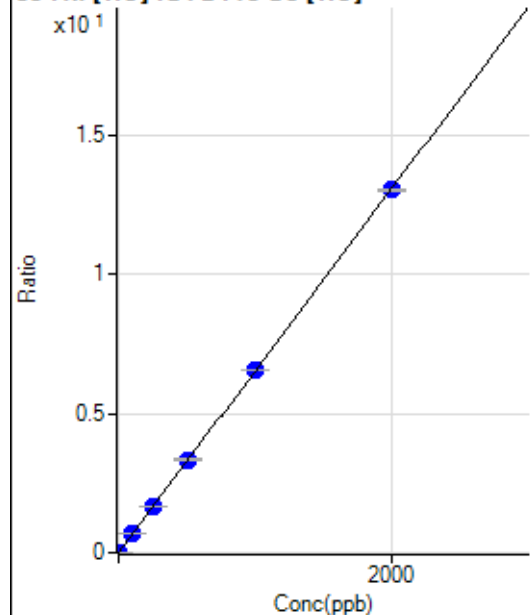
$$y = 0.0216 * x + 0.0094$$

$$R = 1.0000$$

$$DL = 0.0508$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	31.11	0.0012	P	27.1
2	☐	0.100					
3	☐	1.000	0.915	191.12	0.0071	P	12.4
4	☐	100.000	101.838	17108.44	0.6667	P	1.1
5	☐	250.000	253.296	42816.71	1.6565	P	2.8
6	☐	500.000	512.343	84413.00	3.3495	P	0.8
7	☐	1000.000	1003.280	167841.01	6.5580	P	0.3
8	☐	2000.000	1994.770	337629.39	13.0378	P	0.8
9	☐			950.05	0.0386	P	6.0

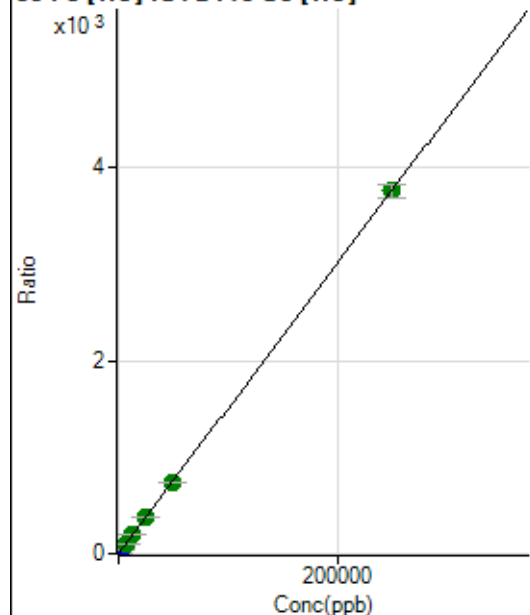
$$y = 0.0065 * x + 0.0012$$

$$R = 1.0000$$

$$DL = 0.1436$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1655.70	0.0613	P	6.0
2	☐	5.000					
3	☐	50.000	46.483	20382.05	0.7601	P	2.0
4	☐	2500.000	2529.470	977277.34	38.0844	P	0.9
5	☐	6250.000	6352.757	2470033.85	95.5560	A	1.2
6	☐	12500.000	12694.284	4810466.31	190.8819	A	0.5
7	☐	25000.000	24816.261	9549101.37	373.0995	A	0.6
8	☐	50000.000	49412.803	19236641.86	742.8349	A	0.5
9	☐	250000.00	250123.23	92554450.22	3,759.915	A	3.5

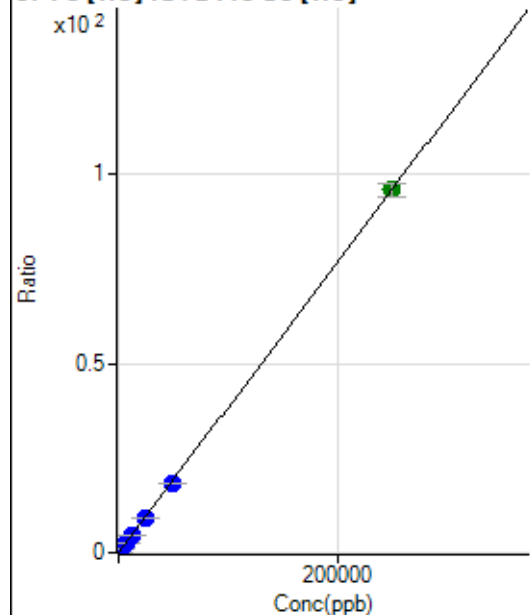
$$y = 0.0150 * x + 0.0613$$

$$R = 1.0000$$

$$DL = 0.7286$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	44.44	0.0016	P	56.9
2	☐	5.000					
3	☐	50.000	47.365	529.66	0.0198	P	8.2
4	☐	2500.000	2502.400	24609.29	0.9591	P	1.4
5	☐	6250.000	6172.864	61089.42	2.3634	P	1.7
6	☐	12500.000	12397.800	119582.52	4.7450	P	0.2
7	☐	25000.000	24490.591	239864.85	9.3717	P	0.4
8	☐	50000.000	48258.032	478177.05	18.4651	P	0.7
9	☐	250000.00	250406.34	2358267.27	95.8068	A	3.7

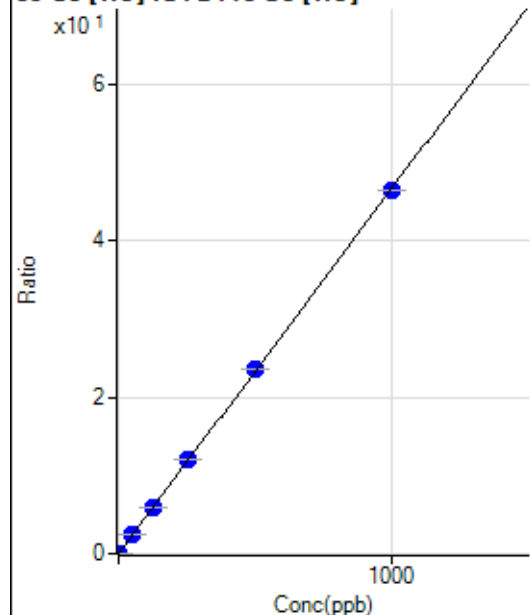
$$y = 3.8260E-004 * x + 0.0016$$

$$R = 1.0000$$

$$DL = 7.34$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	52.22	0.0019	P	9.6
2	☐	0.100					
3	☐	1.000	0.981	1276.75	0.0476	P	8.4
4	☐	50.000	52.040	62251.50	2.4257	P	0.3
5	☐	125.000	127.819	153933.57	5.9552	P	1.5
6	☐	250.000	258.331	303271.53	12.0339	P	0.2
7	☐	500.000	505.989	603209.36	23.5686	P	0.6
8	☐	1000.000	994.468	1199512.98	46.3199	P	0.0
9	☐			1414.54	0.0574	P	4.7

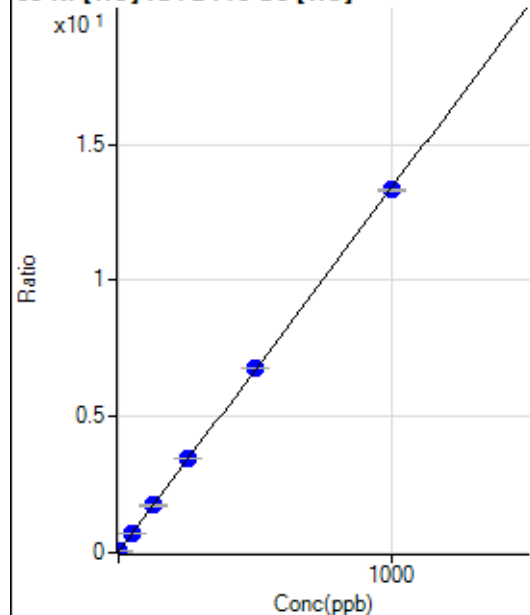
$$y = 0.0466 * x + 0.0019$$

$$R = 0.9999$$

$$DL = 0.01201$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	778.93	0.0289	P	11.4
2	☐	0.100					
3	☐	1.000	0.705	1026.72	0.0383	P	1.9
4	☐	50.000	51.298	18343.39	0.7148	P	1.4
5	☐	125.000	127.627	44861.01	1.7354	P	1.3
6	☐	250.000	258.377	87794.28	3.4836	P	0.4
7	☐	500.000	505.926	173867.70	6.7936	P	0.3
8	☐	1000.000	994.550	345119.97	13.3270	P	0.6
9	☐			3697.22	0.1503	P	6.3

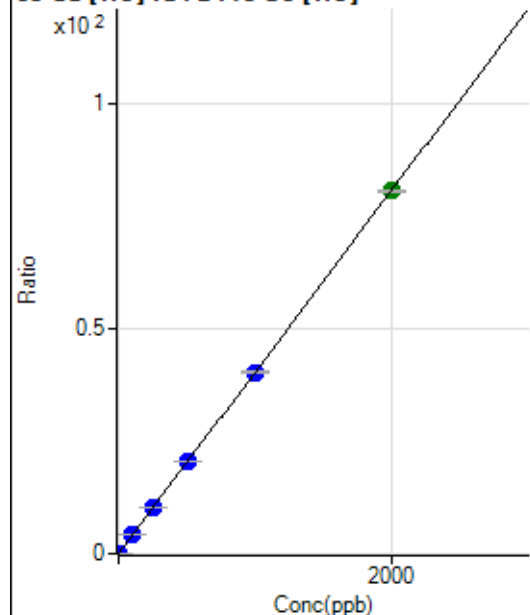
$$y = 0.0134 * x + 0.0289$$

$$R = 0.9999$$

$$DL = 0.7405$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	114.45	0.0042	P	14.7
2	☐	0.200					
3	☐	2.000	1.873	2145.76	0.0800	P	7.0
4	☐	100.000	102.690	106622.69	4.1551	P	1.1
5	☐	250.000	252.473	263908.28	10.2095	P	1.1
6	☐	500.000	510.233	519867.56	20.6284	P	0.1
7	☐	1000.000	998.565	1033158.94	40.3673	P	0.5
8	☐	2000.000	1997.716	2091226.97	80.7540	A	0.9
9	☐			2742.55	0.1114	P	3.7

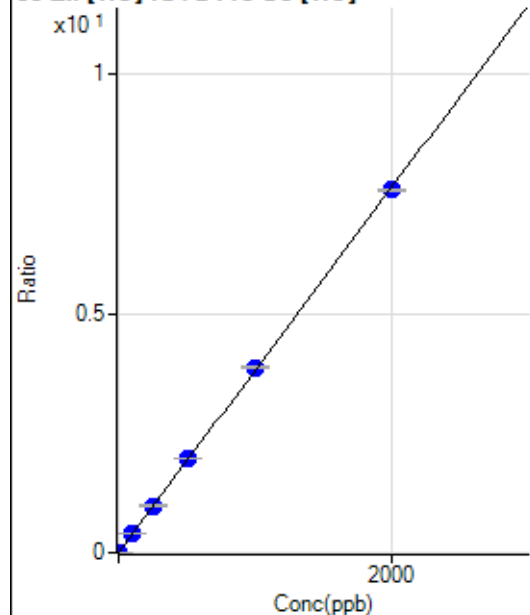
$$y = 0.0404 * x + 0.0042$$

$$R = 1.0000$$

$$DL = 0.04612$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	46.67	0.0017	P	7.5
2	☐	0.200					
3	☐	2.000	2.184	270.01	0.0101	P	6.5
4	☐	100.000	103.027	10132.76	0.3948	P	1.7
5	☐	250.000	257.194	25410.18	0.9830	P	1.0
6	☐	500.000	517.175	49770.27	1.9749	P	0.9
7	☐	1000.000	1013.828	99035.73	3.8698	P	0.8
8	☐	2000.000	1987.742	196439.69	7.5857	P	0.8
9	☐			607.80	0.0247	P	8.9

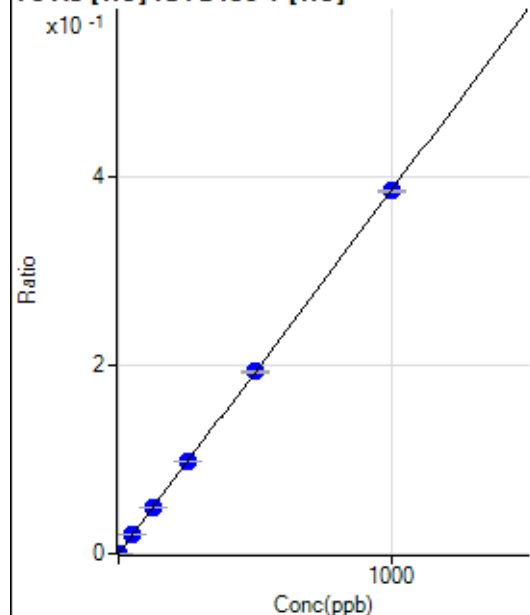
$$y = 0.0038 * x + 0.0017$$

$$R = 0.9999$$

$$DL = 0.1019$$

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	1.85	0.0000	P	99.4
2	☐	0.100					
3	☐	1.000	1.052	82.71	0.0004	P	9.4
4	☐	50.000	50.799	3863.54	0.0196	P	0.5
5	☐	125.000	126.120	9536.09	0.0486	P	1.5
6	☐	250.000	254.522	19044.68	0.0981	P	1.3
7	☐	500.000	501.097	38222.45	0.1931	P	1.4
8	☐	1000.000	998.141	76753.37	0.3847	P	0.5
9	☐			32.10	0.0002	P	13.0

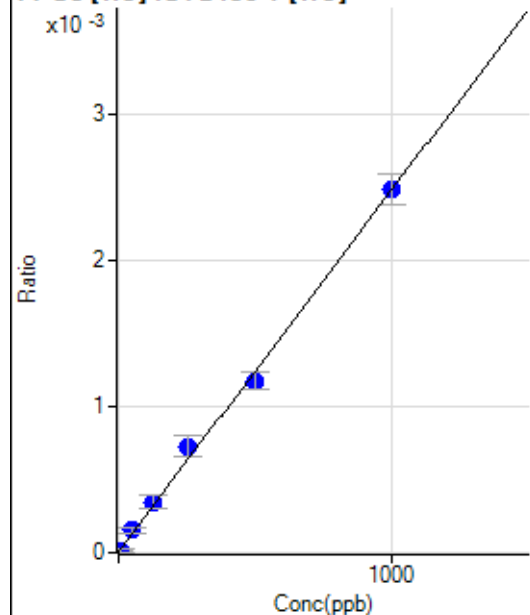
$$y = 3.8540\text{E-}004 * x + 9.1776\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.07103$$

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	☐	0.500					
3	☐	5.000	2.250	2.22	0.0000	P	173.
4	☐	50.000	59.345	30.00	0.0002	P	19.2
5	☐	125.000	137.673	67.78	0.0003	P	28.0
6	☐	250.000	292.027	141.12	0.0007	P	20.7
7	☐	500.000	472.397	232.23	0.0012	P	9.8
8	☐	1000.000	1001.257	494.46	0.0025	P	8.4
9	☐			1.11	0.0000	P	173.

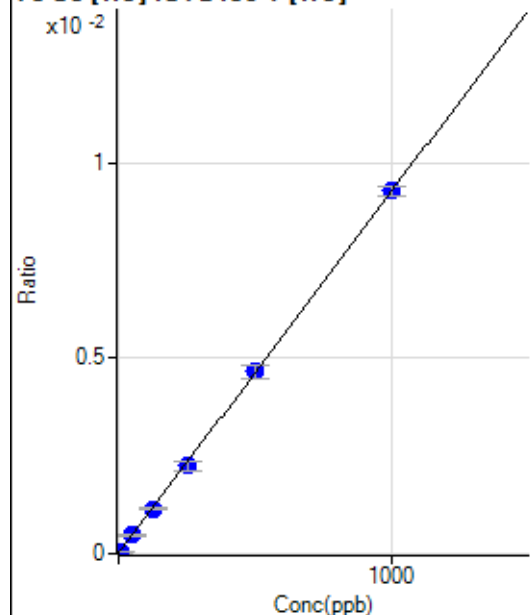
$$y = 2.4706\text{E-}006 * x + 5.4575\text{E-}006$$

$$R = 0.9984$$

$$DL = 11.48$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.85	0.0000	P	100.
2	☐	0.500					
3	☐	5.000	5.035	11.11	0.0001	P	2.5
4	☐	50.000	50.021	93.21	0.0005	P	11.2
5	☐	125.000	123.310	225.93	0.0012	P	3.6
6	☐	250.000	241.257	435.81	0.0022	P	12.3
7	☐	500.000	501.824	921.65	0.0047	P	7.3
8	☐	1000.000	1001.484	1853.23	0.0093	P	2.5
9	☐			3.08	0.0000	P	35.7

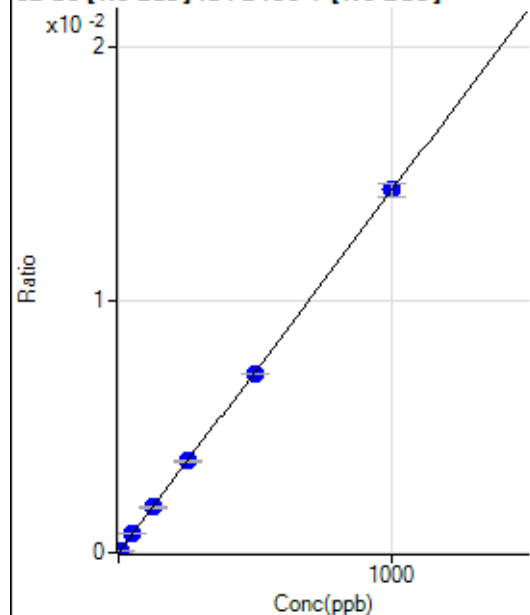
$$y = 9.2665\text{E-}006 * x + 9.1152\text{E-}006$$

$$R = 1.0000$$

$$DL = 2.954$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	13.78	0.0000	P	373.
2	☐	0.500					
3	☐	5.000	4.018	342.85	0.0001	P	8.9
4	☐	50.000	51.793	4318.64	0.0007	P	2.8
5	☐	125.000	125.095	10491.49	0.0018	P	1.4
6	☐	250.000	252.888	21189.19	0.0036	P	0.6
7	☐	500.000	494.057	42063.02	0.0071	P	0.4
8	☐	1000.000	1002.153	85231.57	0.0144	P	3.6
9	☐			67.74	0.0000	P	35.3

$$y = 1.4327\text{E-}005 * x + 2.3014\text{E-}006$$

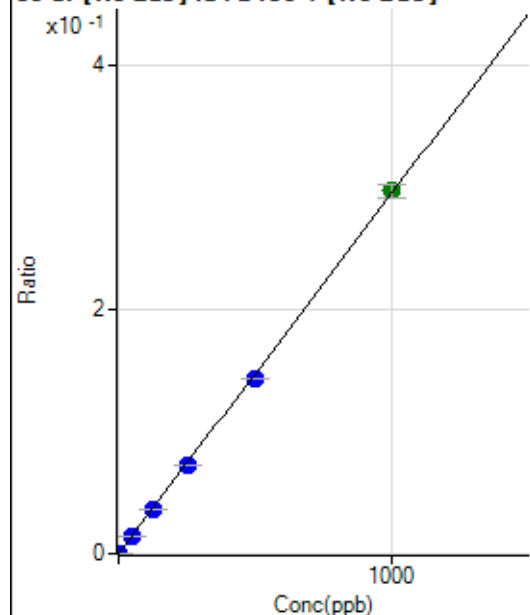
$$R = 1.0000$$

$$DL = 1.8$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	427.80	0.0001	P	20.7
2	☐	0.100					
3	☐	1.000	0.912	1980.80	0.0003	P	1.5
4	☐	50.000	49.101	84441.82	0.0146	P	1.1
5	☐	125.000	123.068	212560.97	0.0364	P	0.7
6	☐	250.000	245.900	424138.66	0.0726	P	0.6
7	☐	500.000	486.540	852514.41	0.1435	P	0.9
8	☐	1000.000	1008.042	1764141.81	0.2973	A	4.0
9	☐			56557.04	0.0097	P	1.2

$$y = 2.9480\text{E-}004 * x + 7.7146\text{E-}005$$

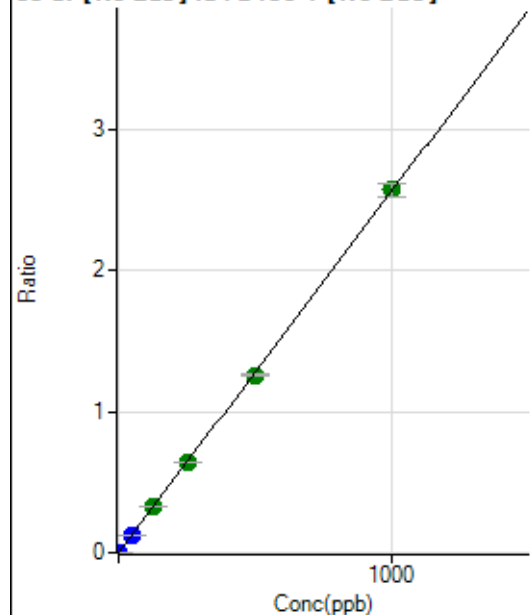
$$R = 0.9999$$

$$DL = 0.1625$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	138.90	0.0000	P	38.3
2	☐	0.100					
3	☐	1.000	0.928	13743.59	0.0024	P	1.9
4	☐	50.000	49.593	736263.90	0.1269	P	0.6
5	☐	125.000	126.278	1888559.44	0.3230	A	0.1
6	☐	250.000	249.401	3728849.52	0.6380	A	0.0
7	☐	500.000	491.979	7475832.55	1.2585	A	0.9
8	☐	1000.000	1004.021	15242500.51	2.5682	A	3.8
9	☐			493929.53	0.0845	P	1.1

$$y = 0.0026 * x + 2.5243\text{E-}005$$

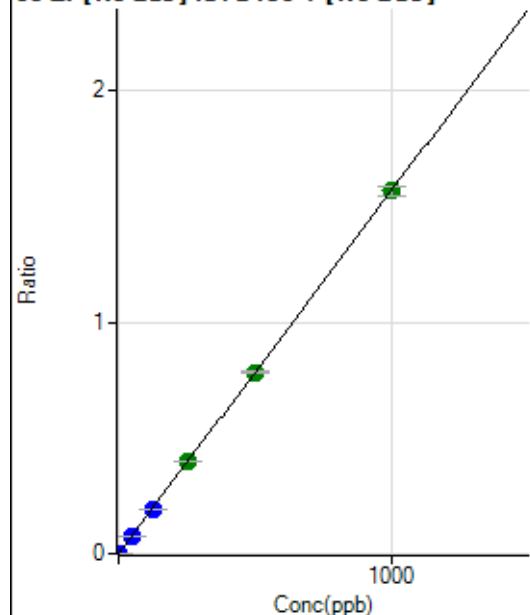
$$R = 1.0000$$

$$DL = 0.01134$$

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	311.13	0.0001	P	30.7
2	☐	0.100					
3	☐	1.000	0.928	8655.93	0.0015	P	3.4
4	☐	50.000	49.411	450203.39	0.0776	P	0.5
5	☐	125.000	123.880	1136673.61	0.1944	P	0.7
6	☐	250.000	253.664	2326487.42	0.3981	A	0.7
7	☐	500.000	499.761	4658350.97	0.7842	A	1.2
8	☐	1000.000	999.373	9308297.60	1.5681	A	3.0
9	☐			1830.76	0.0003	P	5.0

$$y = 0.0016 * x + 5.5885E-005$$

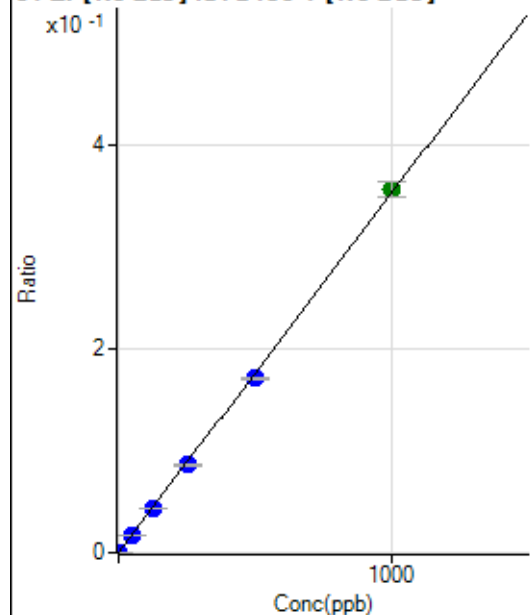
$$R = 1.0000$$

$$DL = 0.03276$$

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	72.23	0.0000	P	23.0
2	☐	0.100					
3	☐	1.000	0.953	2000.25	0.0003	P	14.4
4	☐	50.000	48.818	100049.87	0.0172	P	0.9
5	☐	125.000	121.858	251497.71	0.0430	P	0.9
6	☐	250.000	243.467	502251.21	0.0859	P	1.0
7	☐	500.000	486.004	1018957.73	0.1715	P	1.3
8	☐	1000.000	1009.083	2113618.06	0.3561	A	4.1
9	☐			436.14	0.0001	P	24.5

$$y = 3.5291E-004 * x + 1.2993E-005$$

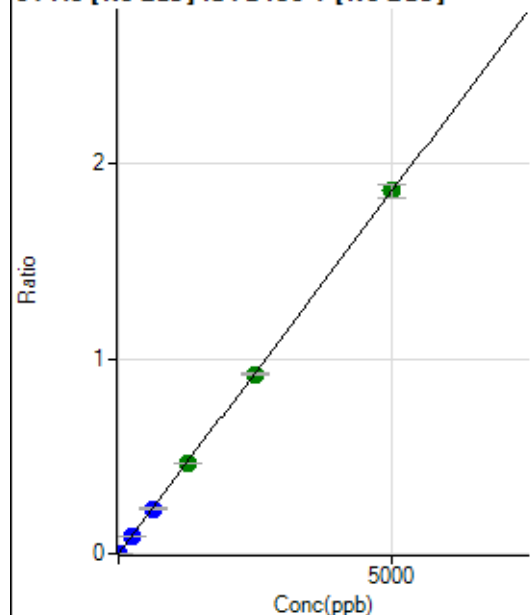
$$R = 0.9998$$

$$DL = 0.02535$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	161.12	0.0000	P	23.4
2	☐	0.500					
3	☐	5.000	4.664	10079.11	0.0018	P	3.7
4	☐	250.000	248.830	536118.17	0.0924	P	1.1
5	☐	625.000	623.841	1353969.19	0.2316	P	0.4
6	☐	1250.000	1252.307	2716944.59	0.4649	A	1.0
7	☐	2500.000	2478.420	5465170.95	0.9200	A	0.8
8	☐	5000.000	5010.417	11038582.28	1.8599	A	3.6
9	☐			4984.49	0.0009	P	5.7

$$y = 3.7119\text{E-}004 * x + 2.8921\text{E-}005$$

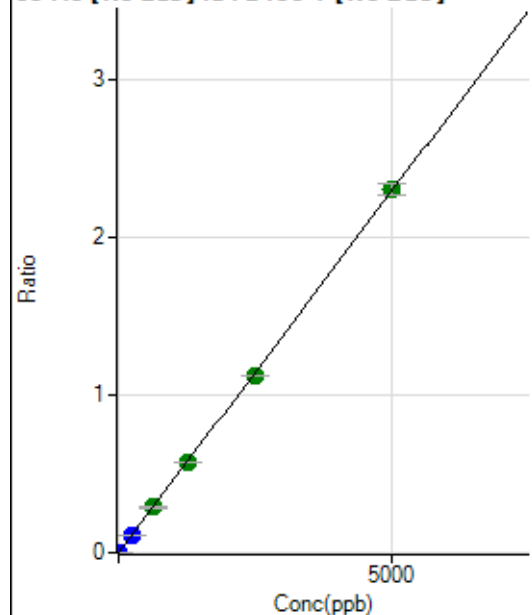
$$R = 1.0000$$

$$DL = 0.0548$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	30.56	0.0000	P	55.1
2	☐	0.500					
3	☐	5.000	4.535	11905.71	0.0021	P	2.4
4	☐	250.000	246.672	654409.82	0.1128	P	1.1
5	☐	625.000	627.247	1676475.04	0.2868	A	0.7
6	☐	1250.000	1244.973	3326434.39	0.5692	A	0.9
7	☐	2500.000	2456.285	6670684.05	1.1229	A	0.5
8	☐	5000.000	5023.000	13630982.42	2.2963	A	3.0
9	☐			7966.67	0.0014	P	2.2

$$y = 4.5716\text{E-}004 * x + 5.4859\text{E-}006$$

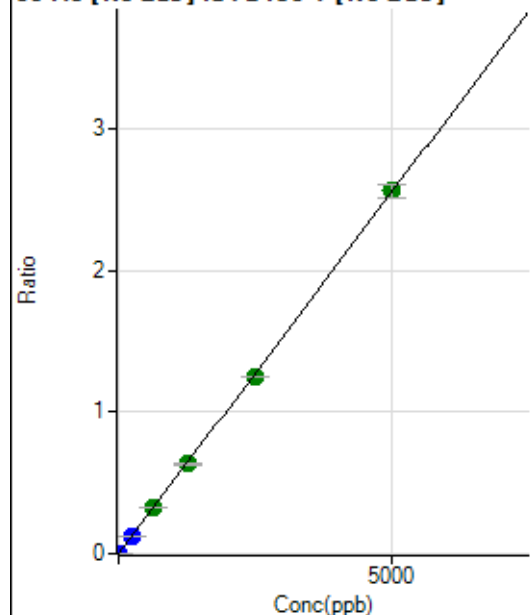
$$R = 0.9999$$

$$DL = 0.01982$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	97.23	0.0000	P	18.5
2	☐	0.500					
3	☐	5.000	4.611	13582.33	0.0024	P	0.9
4	☐	250.000	247.168	732373.14	0.1262	P	1.2
5	☐	625.000	634.631	1894446.61	0.3240	A	0.3
6	☐	1250.000	1239.769	3699734.81	0.6330	A	0.6
7	☐	2500.000	2455.790	7448604.85	1.2539	A	0.5
8	☐	5000.000	5023.601	15223703.98	2.5649	A	3.5
9	☐			9745.62	0.0017	P	3.7

$$y = 5.1057\text{E-}004 * x + 1.7427\text{E-}005$$

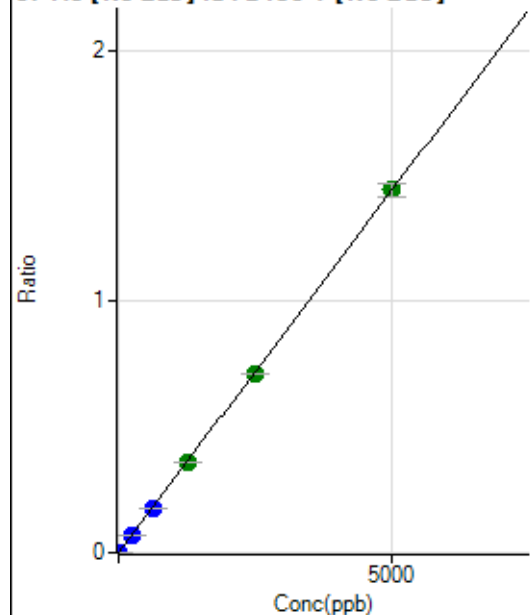
$$R = 0.9999$$

$$DL = 0.01897$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	50.00	0.0000	P	16.9
2	☐	0.500					
3	☐	5.000	4.486	7452.35	0.0013	P	4.1
4	☐	250.000	244.748	409146.99	0.0705	P	1.0
5	☐	625.000	608.138	1024203.00	0.1752	P	0.8
6	☐	1250.000	1254.351	2111965.00	0.3613	A	0.6
7	☐	2500.000	2472.878	4231670.88	0.7123	A	0.3
8	☐	5000.000	5014.844	8573435.52	1.4446	A	3.8
9	☐			4637.13	0.0008	P	3.0

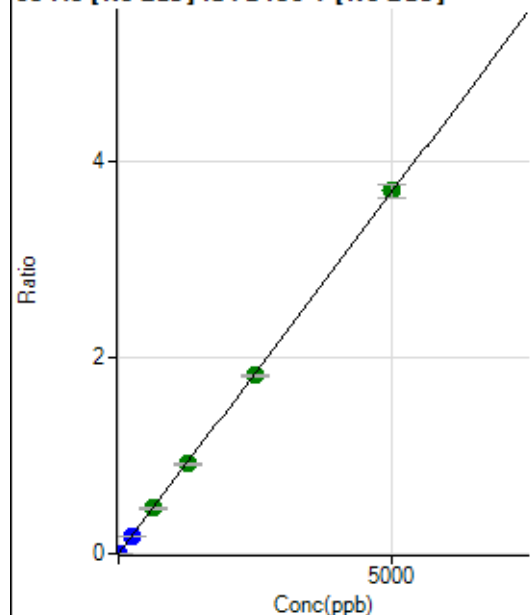
$$y = 2.8806\text{E-}004 * x + 9.0104\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.01588$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	55.56	0.0000	P	4.9
2	☐	0.500					
3	☐	5.000	4.521	19139.25	0.0033	P	1.7
4	☐	250.000	245.808	1051224.43	0.1812	P	0.9
5	☐	625.000	626.843	2700846.70	0.4620	A	0.5
6	☐	1250.000	1238.971	5336239.44	0.9131	A	1.9
7	☐	2500.000	2465.953	10795813.09	1.8173	A	0.7
8	☐	5000.000	5019.761	21957702.57	3.6994	A	3.4
9	☐			11416.44	0.0020	P	2.2

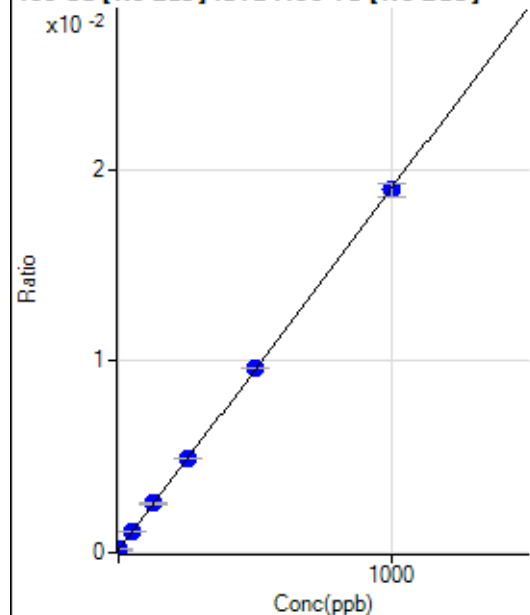
$$y = 7.3697\text{E-}004 * x + 9.9869\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.002006$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	847.29	0.0001	P	6.8
2	☐	0.100					
3	☐	1.000	1.994	1119.54	0.0002	P	6.4
4	☐	50.000	50.836	7891.58	0.0011	P	2.0
5	☐	125.000	130.258	18975.19	0.0026	P	2.0
6	☐	250.000	253.433	36325.08	0.0049	P	1.2
7	☐	500.000	504.579	71939.66	0.0096	P	0.5
8	☐	1000.000	996.152	144270.11	0.0189	P	3.7
9	☐			1041.76	0.0001	P	7.5

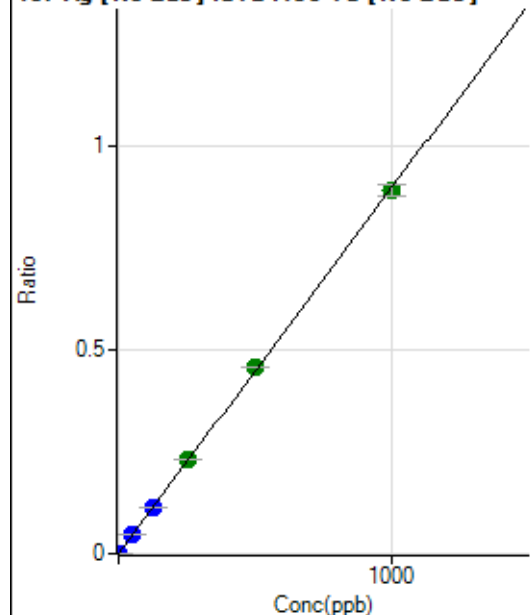
$$y = 1.8868\text{E-}005 * x + 1.2008\text{E-}004$$

$$R = 1.0000$$

$$DL = 1.307$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	88.90	0.0000	P	30.8
2	☐	0.100					
3	☐	1.000	0.948	6121.10	0.0009	P	2.6
4	☐	50.000	51.221	335930.47	0.0459	P	0.7
5	☐	125.000	127.792	843535.66	0.1146	P	0.1
6	☐	250.000	258.651	1718805.01	0.2319	A	0.9
7	☐	500.000	510.794	3417851.73	0.4580	A	0.7
8	☐	1000.000	992.030	6785182.70	0.8895	A	3.2
9	☐			555.59	0.0001	P	10.5

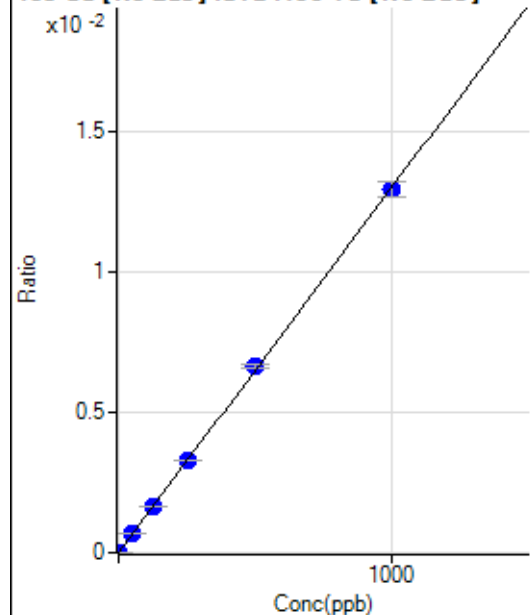
$$y = 8.9667\text{E-}004 * x + 1.2613\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.013$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.100					
3	☐	1.000	1.037	95.84	0.0000	P	0.5
4	☐	50.000	51.659	4920.46	0.0007	P	2.0
5	☐	125.000	127.316	12205.75	0.0017	P	2.1
6	☐	250.000	252.872	24408.48	0.0033	P	0.9
7	☐	500.000	509.494	49514.47	0.0066	P	2.4
8	☐	1000.000	994.163	98756.83	0.0129	P	4.1
9	☐			30.55	0.0000	P	16.4

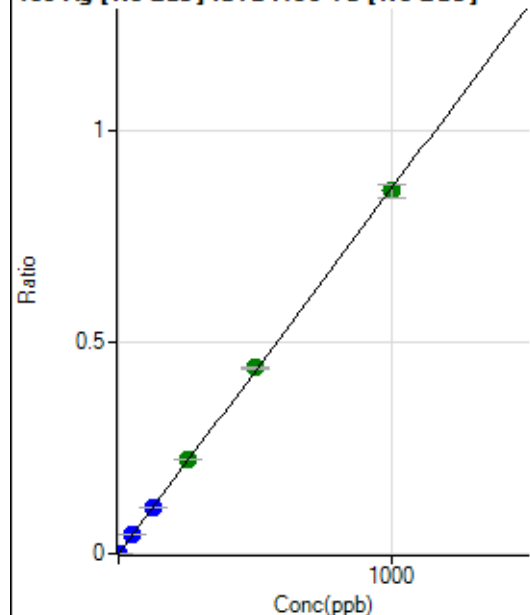
$$y = 1.3025\text{E-}005 * x + 0.0000\text{E+}000$$

$$R = 0.9999$$

$$DL = 0$$

Weight: <None>

Min Conc: 0

109 Ag [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	28.3
2	☐	0.100					
3	☐	1.000	0.974	6007.17	0.0008	P	4.7
4	☐	50.000	50.805	320859.80	0.0439	P	1.0
5	☐	125.000	127.688	811710.22	0.1103	P	0.7
6	☐	250.000	257.368	1647085.63	0.2223	A	0.6
7	☐	500.000	508.274	3275474.18	0.4390	A	0.8
8	☐	1000.000	993.645	6545104.05	0.8581	A	3.5
9	☐			444.47	0.0001	P	12.6

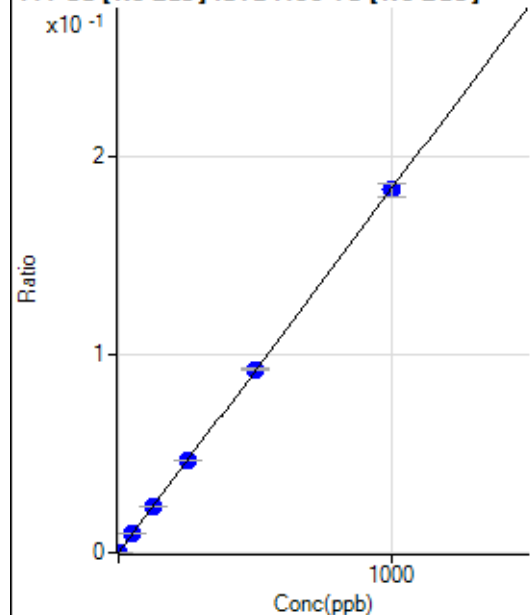
$$y = 8.6361\text{E-}004 * x + 4.7466\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.004671$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	601.44	0.0001	P	6.4
2	☐	0.100					
3	☐	1.000	1.084	2018.07	0.0003	P	6.8
4	☐	50.000	51.188	69374.94	0.0095	P	0.4
5	☐	125.000	128.168	173908.91	0.0236	P	0.6
6	☐	250.000	252.411	344185.57	0.0464	P	0.4
7	☐	500.000	503.208	690314.19	0.0925	P	1.4
8	☐	1000.000	997.338	1397871.93	0.1833	P	3.5
9	☐			985.63	0.0001	P	3.5

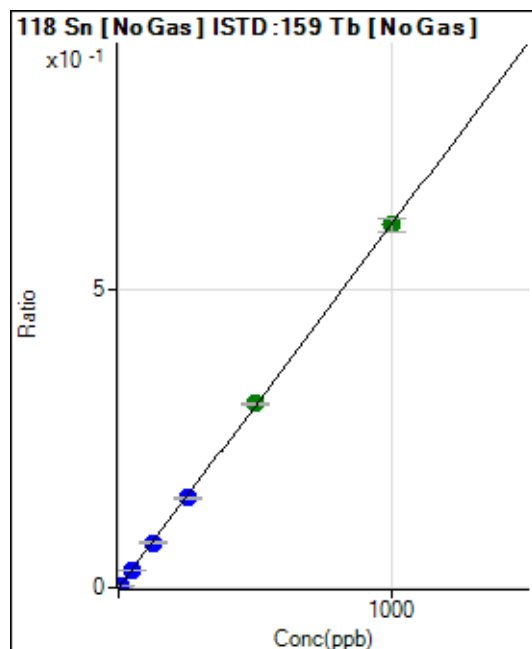
$$y = 1.8368\text{E-}004 * x + 8.5239\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.08949$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	886.18	0.0001	P	11.4
2	☐	0.500					
3	☐	5.000	4.710	21331.68	0.0030	P	3.0
4	☐	50.000	49.824	223689.71	0.0306	P	0.7
5	☐	125.000	123.943	558755.24	0.0759	P	0.7
6	☐	250.000	246.885	1119544.16	0.1511	P	0.9
7	☐	500.000	505.289	2306303.13	0.3091	A	1.6
8	☐	1000.000	998.276	4656762.43	0.6105	A	3.5
9	☐			5078.96	0.0007	P	4.8

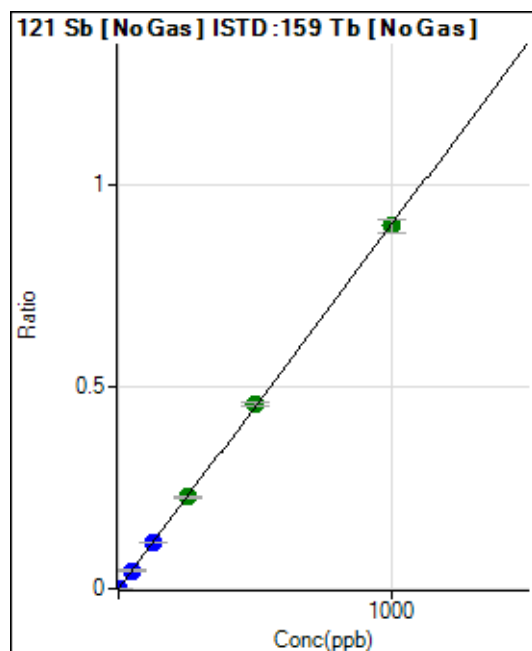
$$y = 6.1146\text{E-}004 * x + 1.2555\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.07052$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	97.23	0.0000	P	7.1
2	☐	0.200					
3	☐	2.000	1.879	12114.27	0.0017	P	2.7
4	☐	50.000	50.051	329716.02	0.0451	P	0.4
5	☐	125.000	125.156	829786.26	0.1127	P	0.8
6	☐	250.000	251.524	1678586.41	0.2265	A	1.9
7	☐	500.000	506.475	3403719.04	0.4562	A	1.4
8	☐	1000.000	996.360	6844191.38	0.8974	A	3.6
9	☐			9545.47	0.0013	P	1.5

$$y = 9.0063\text{E-}004 * x + 1.3777\text{E-}005$$

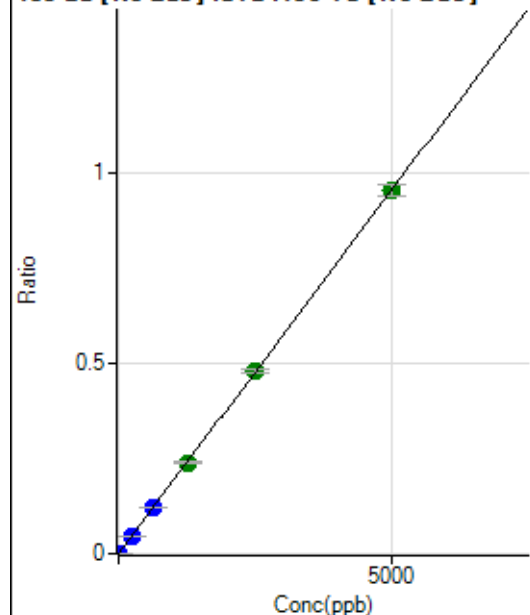
$$R = 1.0000$$

$$DL = 0.003262$$

Weight: <None>

Min Conc: 0

135 Ba [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	22.1
2	☐	1.000					
3	☐	10.000	9.111	12361.83	0.0017	P	4.2
4	☐	250.000	250.038	348523.41	0.0477	P	0.2
5	☐	625.000	625.203	877162.90	0.1192	P	0.7
6	☐	1250.000	1255.177	1772772.02	0.2392	A	1.5
7	☐	2500.000	2514.013	3575514.40	0.4792	A	1.5
8	☐	5000.000	4991.674	7257099.64	0.9514	A	3.3
9	☐			1872.45	0.0002	P	7.2

$$y = 1.9060\text{E-}004 * x + 4.6960\text{E-}006$$

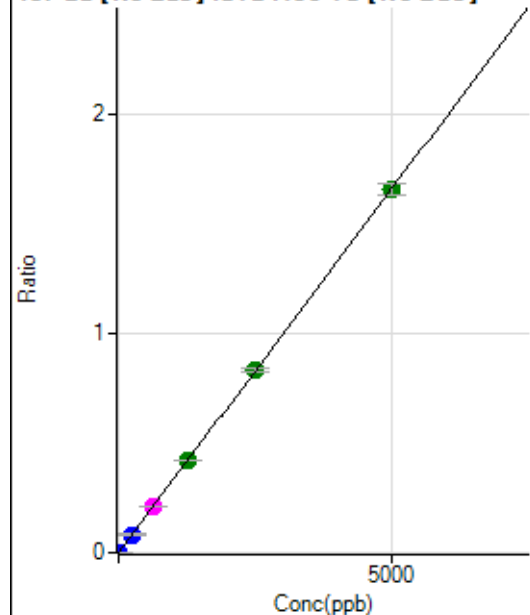
$$R = 1.0000$$

$$DL = 0.01636$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	19.45	0.0000	P	23.4
2	☐	1.000					
3	☐	10.000	9.369	22060.76	0.0031	P	1.9
4	☐	250.000	250.426	606892.16	0.0830	P	0.8
5	☐	625.000	633.799	1546082.85	0.2101	M	1.4
6	☐	1250.000	1267.853	3113644.69	0.4202	A	0.4
7	☐	2500.000	2509.482	6205785.90	0.8317	A	1.4
8	☐	5000.000	4989.676	12613224.76	1.6536	A	3.3
9	☐			3389.49	0.0004	P	8.7

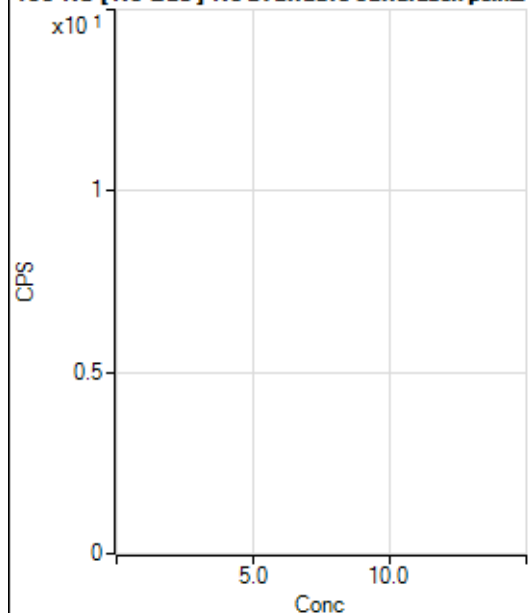
$$y = 3.3141\text{E-}004 * x + 2.7481\text{E-}006$$

$$R = 1.0000$$

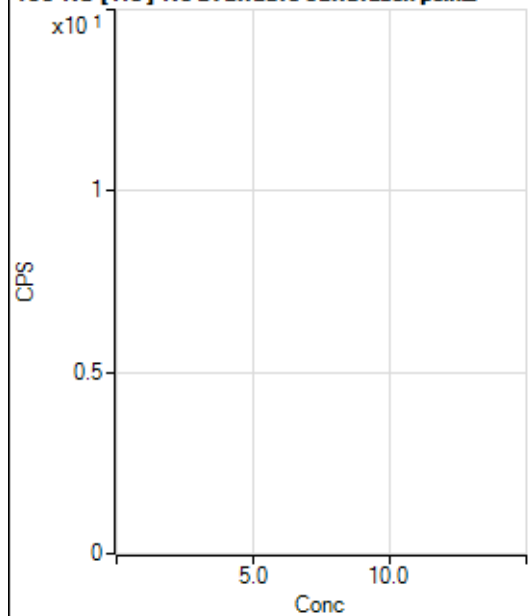
$$DL = 0.005811$$

Weight: <None>

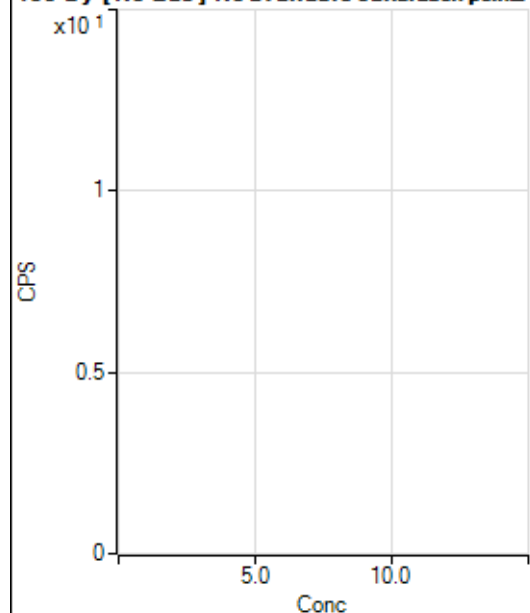
Min Conc: 0

150 Nd [No Gas] No available calibration points

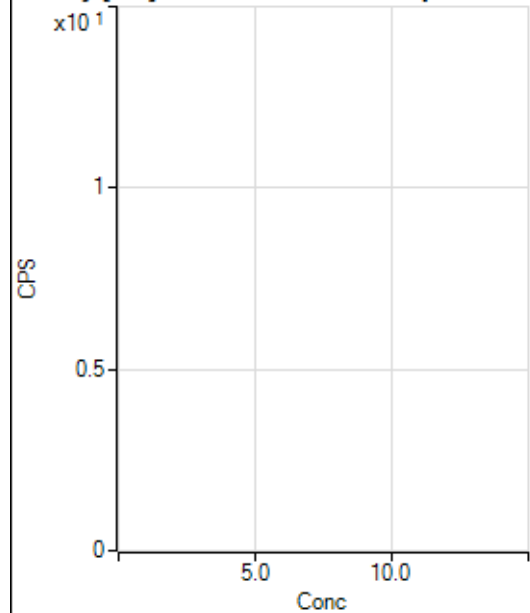
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.33		P	50.0
2	☐						
3	☐			2.22		P	173.
4	☐			22.22		P	45.8
5	☐			35.56		P	28.6
6	☐			77.78		P	17.8
7	☐			157.79		P	27.5
8	☐			291.13		P	13.4
9	☐			88.89		P	54.3

150 Nd [He] No available calibration points

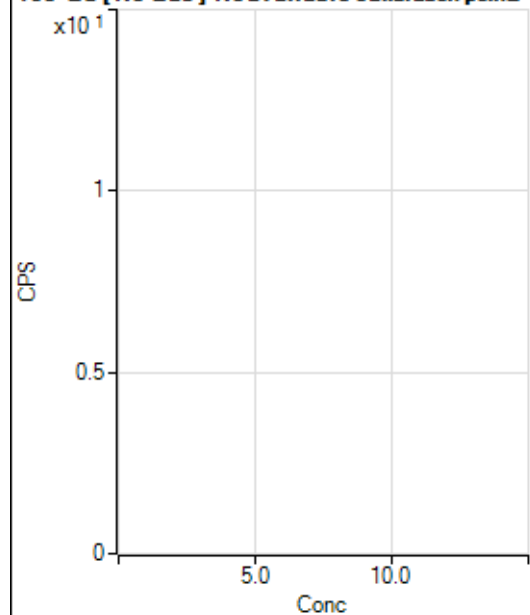
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			0.00		P	
5	☐			0.00		P	
6	☐			1.11		P	173.
7	☐			0.00		P	
8	☐			16.67		P	34.6
9	☐			11.11		P	69.3

156 Dy [No Gas] No available calibration points

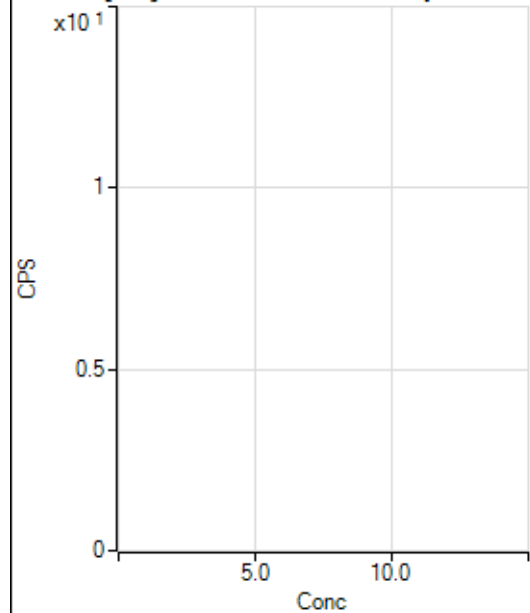
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	86.6
2	☐						
3	☐			8.33		P	100.
4	☐			13.89		P	69.3
5	☐			16.66		P	86.6
6	☐			25.00		P	100.
7	☐			47.22		P	36.7
8	☐			80.56		P	11.9
9	☐			55.56		P	17.3

156 Dy [He] No available calibration points

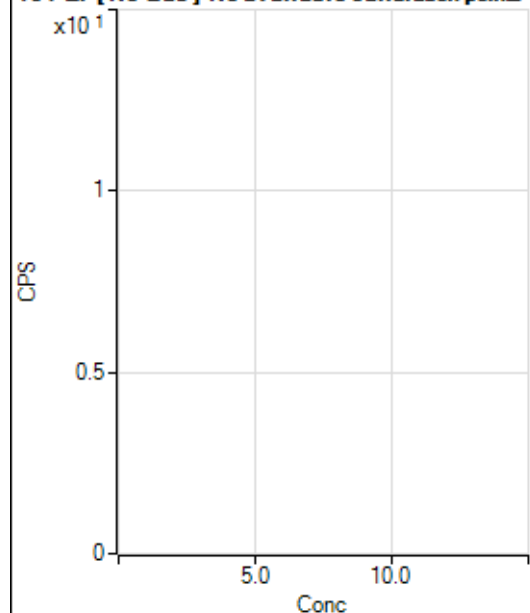
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐						
3	☐			2.22		P	86.6
4	☐			3.33		P	173.
5	☐			3.33		P	100.
6	☐			3.33		P	173.
7	☐			5.56		P	173.
8	☐			11.11		P	34.6
9	☐			7.78		P	49.5

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

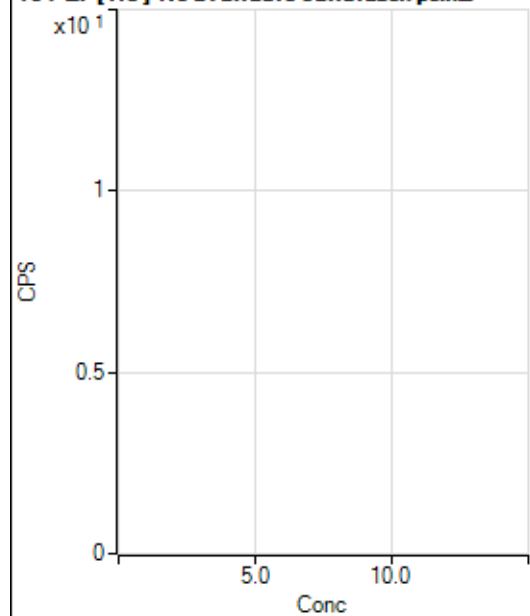
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			41.67		P	52.9
2	☐						
3	☐			44.45		P	47.2
4	☐			55.56		P	22.9
5	☐			44.44		P	21.7
6	☐			19.44		P	65.5
7	☐			30.55		P	15.7
8	☐			75.01		P	80.1
9	☐			63.89		P	30.1

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.
2	☐						
3	☐			4.44		P	173.
4	☐			4.44		P	173.
5	☐			5.55		P	69.3
6	☐			3.33		P	0.0
7	☐			6.67		P	100.
8	☐			7.78		P	65.5
9	☐			14.44		P	13.4

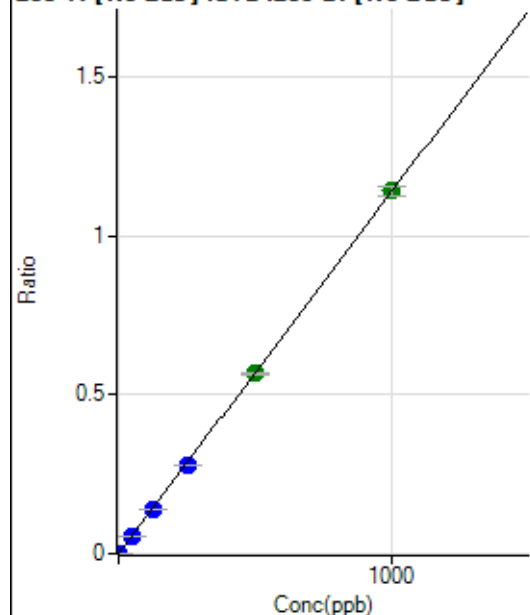
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	50.0
2	☐						
3	☐			44.45		P	39.0
4	☐			33.33		P	90.1
5	☐			22.22		P	57.3
6	☐			33.33		P	66.2
7	☐			41.67		P	52.9
8	☐			44.45		P	28.7
9	☐			38.89		P	12.4

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	0.0
2	☐						
3	☐			5.55		P	69.3
4	☐			4.44		P	43.4
5	☐			2.22		P	86.6
6	☐			2.22		P	86.6
7	☐			5.55		P	124.
8	☐			2.22		P	86.6
9	☐			6.67		P	86.6

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	91.67	0.0000	P	46.5
2	☐	0.100					
3	☐	1.000	0.896	4973.46	0.0010	P	2.8
4	☐	50.000	48.249	275254.89	0.0549	P	0.9
5	☐	125.000	121.798	695110.99	0.1385	P	0.5
6	☐	250.000	243.016	1385735.25	0.2763	P	0.6
7	☐	500.000	498.224	2868571.53	0.5665	A	0.6
8	☐	1000.000	1003.122	5774724.13	1.1406	A	2.9
9	☐			3006.06	0.0006	P	6.9

$$y = 0.0011 * x + 1.9140E-005$$

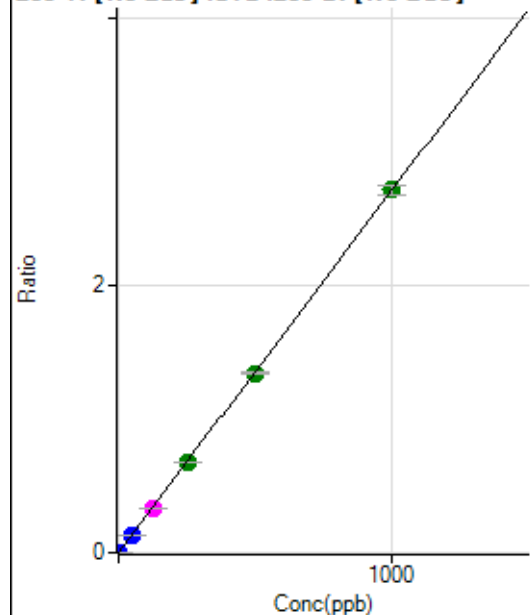
$$R = 1.0000$$

$$DL = 0.02349$$

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	219.46	0.0000	P	20.8
2	☐	0.100					
3	☐	1.000	0.903	11945.04	0.0025	P	1.7
4	☐	50.000	48.475	659062.67	0.1314	P	1.2
5	☐	125.000	123.207	1675726.75	0.3339	M	1.6
6	☐	250.000	249.131	3385611.71	0.6752	A	0.9
7	☐	500.000	495.684	6801557.10	1.3433	A	1.1
8	☐	1000.000	1002.676	13756321.84	2.7172	A	2.9
9	☐			7477.57	0.0015	P	4.3

$$y = 0.0027 * x + 4.6126E-005$$

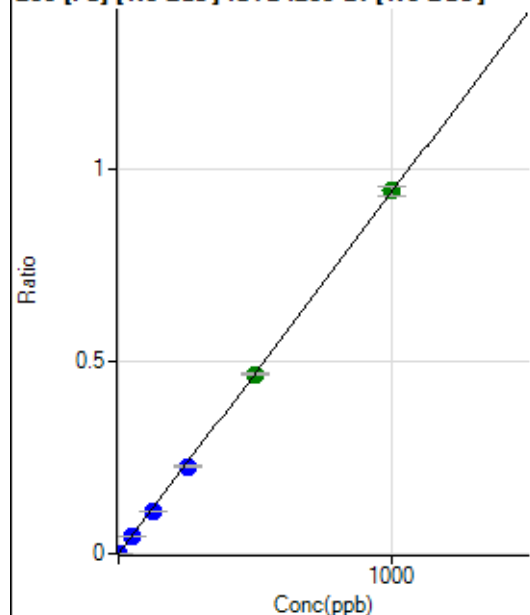
$$R = 1.0000$$

$$DL = 0.01063$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	235.20	0.0000	P	20.0
2	☐	0.100					
3	☐	1.000	0.852	4067.44	0.0008	P	6.7
4	☐	50.000	47.799	225020.94	0.0449	P	1.8
5	☐	125.000	119.570	562887.61	0.1122	P	0.1
6	☐	250.000	241.837	1137331.19	0.2268	P	0.6
7	☐	500.000	497.196	2360830.49	0.4662	A	0.7
8	☐	1000.000	1004.232	4767548.08	0.9417	A	2.7
9	☐			9188.76	0.0019	P	1.7

$$y = 9.3764\text{E-}004 * x + 4.9407\text{E-}005$$

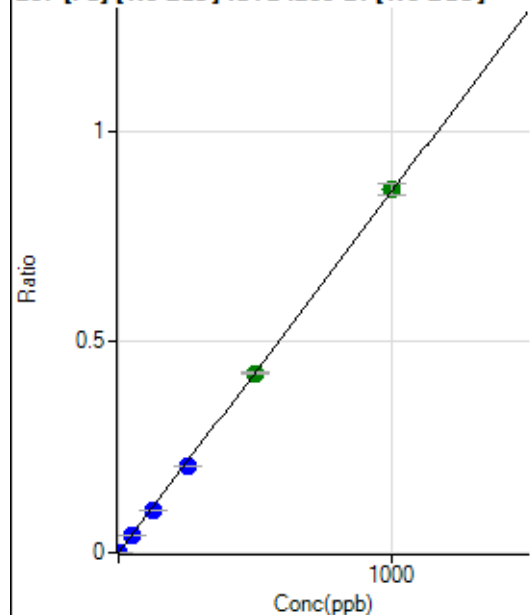
$$R = 1.0000$$

$$DL = 0.03165$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	187.05	0.0000	P	10.4
2	☐	0.100					
3	☐	1.000	0.912	3932.20	0.0008	P	0.9
4	☐	50.000	47.428	204005.81	0.0407	P	1.1
5	☐	125.000	119.019	511945.96	0.1020	P	1.0
6	☐	250.000	239.504	1029216.84	0.2052	P	0.8
7	☐	500.000	496.847	2155709.67	0.4257	A	0.6
8	☐	1000.000	1005.077	4359807.59	0.8612	A	3.1
9	☐			7680.34	0.0016	P	4.0

$$y = 8.5680\text{E-}004 * x + 3.9067\text{E-}005$$

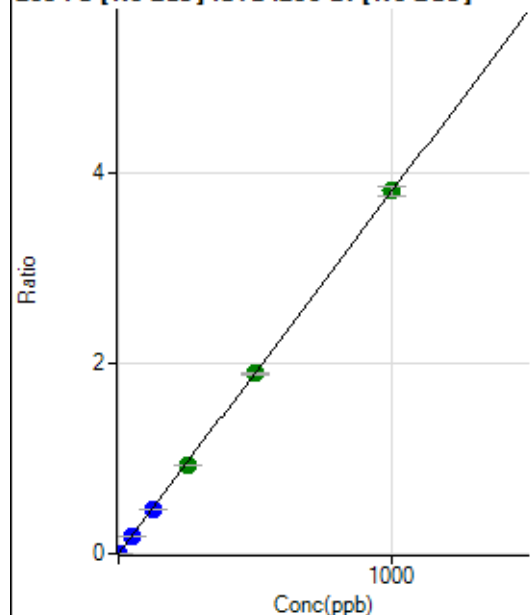
$$R = 0.9999$$

$$DL = 0.01423$$

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	879.67	0.0002	P	4.1
2	☐	0.100					
3	☐	1.000	0.895	17216.27	0.0036	P	3.4
4	☐	50.000	47.964	917363.71	0.1829	P	1.2
5	☐	125.000	120.247	2299856.65	0.4583	P	0.6
6	☐	250.000	246.098	4702422.88	0.9377	A	0.5
7	☐	500.000	497.557	9598754.86	1.8957	A	0.6
8	☐	1000.000	1002.893	19343930.67	3.8209	A	2.9
9	☐			35687.22	0.0073	P	2.5

$$y = 0.0038 * x + 1.8421E-004$$

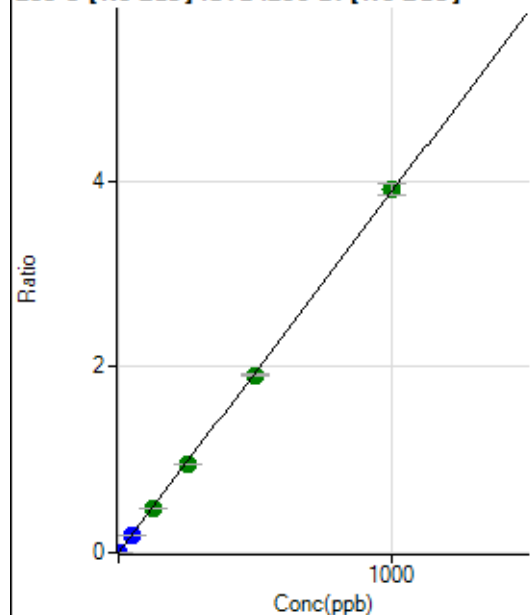
$$R = 1.0000$$

$$DL = 0.005898$$

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	22.22	0.0000	P	56.7
2	☐	0.100					
3	☐	1.000	0.851	15860.87	0.0033	P	3.8
4	☐	50.000	47.239	919760.87	0.1834	P	0.2
5	☐	125.000	124.004	2415756.61	0.4814	A	0.2
6	☐	250.000	246.090	4790420.29	0.9553	A	0.4
7	☐	500.000	491.548	9661633.46	1.9081	A	0.6
8	☐	1000.000	1005.466	19758805.47	3.9031	A	3.3
9	☐			1394.59	0.0003	P	8.1

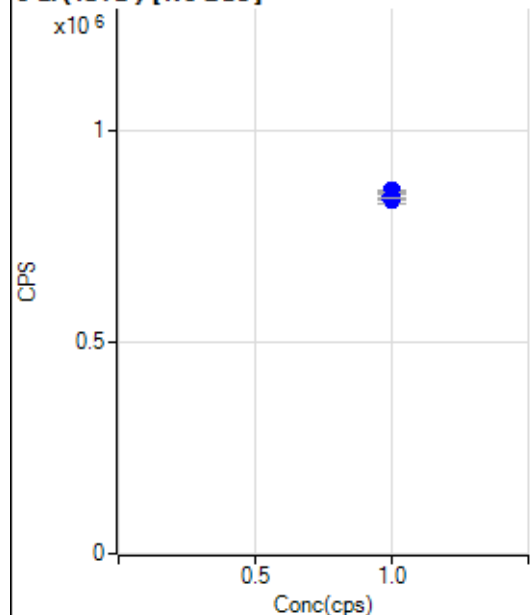
$$y = 0.0039 * x + 4.6643E-006$$

$$R = 0.9999$$

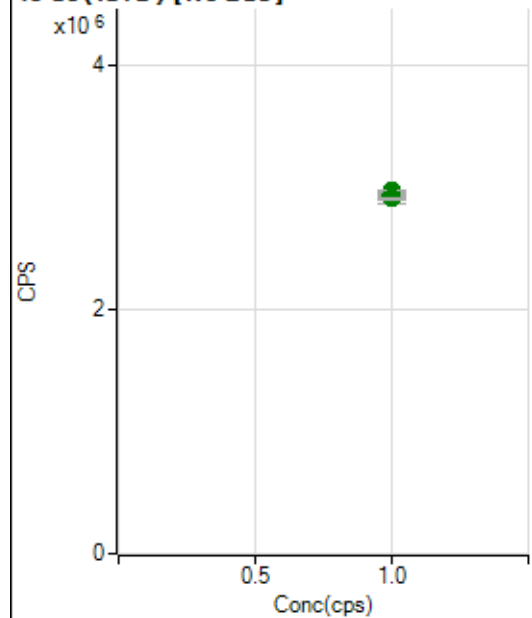
$$DL = 0.002044$$

Weight: <None>

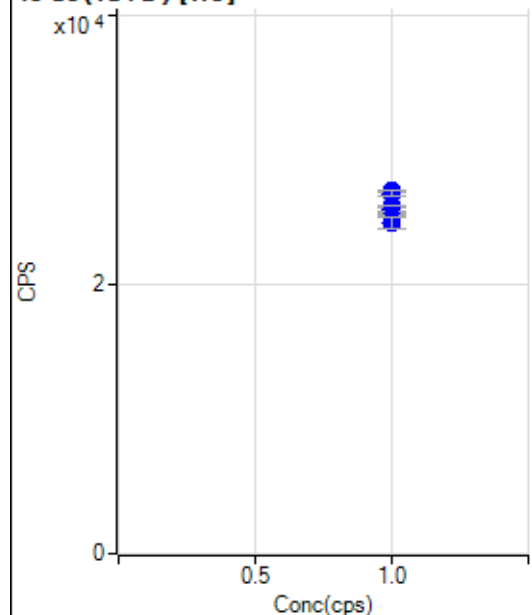
Min Conc: 0

6 Li (ISTD) [No Gas]

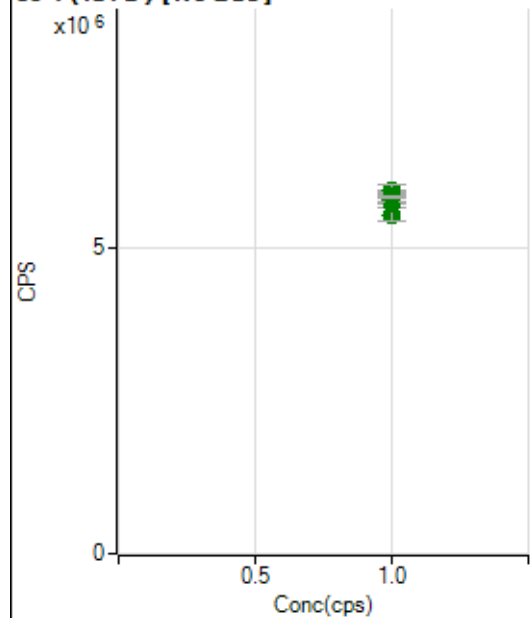
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		846150.74		P	2.6
2	☐	1.000					
3	☐	1.000		851774.92		P	0.2
4	☐	1.000		857408.93		P	0.3
5	☐	1.000		858510.80		P	0.3
6	☐	1.000		851655.48		P	0.2
7	☐	1.000		852786.54		P	0.1
8	☐	1.000		838754.78		P	3.0
9	☐	1.000		841532.09		P	0.5

45 Sc (ISTD) [No Gas]

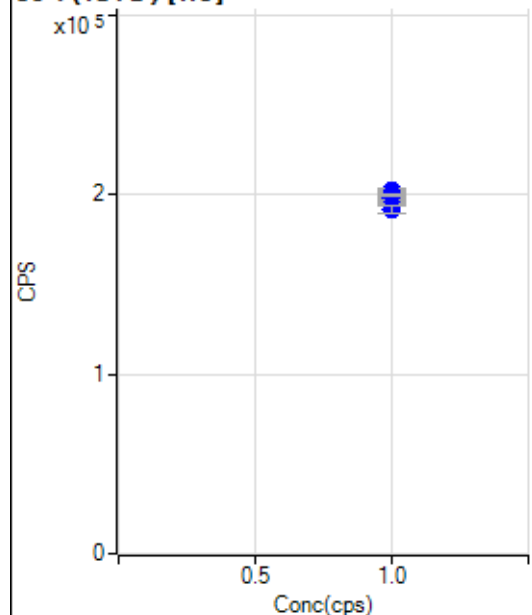
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2926333.90		A	3.4
2	☐	1.000					
3	☐	1.000		2976889.89		A	0.9
4	☐	1.000		2929399.33		A	0.2
5	☐	1.000		2970154.49		A	0.1
6	☐	1.000		2934377.28		A	0.6
7	☐	1.000		2938643.66		A	1.1
8	☐	1.000		2943987.41		A	2.8
9	☐	1.000		2912648.04		A	0.5

45 Sc (ISTD) [He]

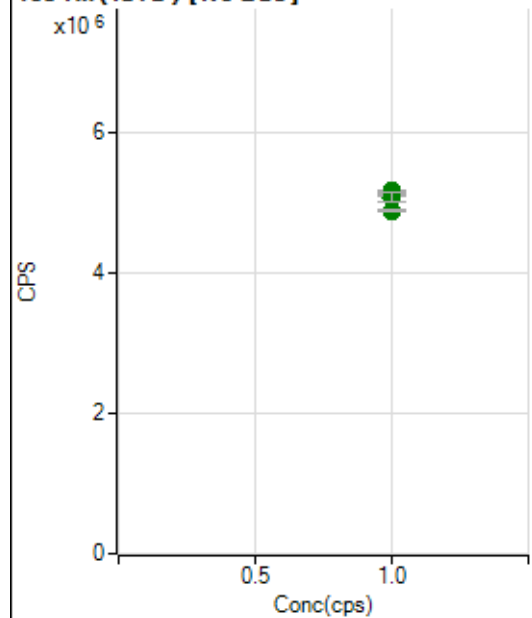
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		26991.71		P	0.4
2	☐	1.000					
3	☐	1.000		26821.36		P	1.7
4	☐	1.000		25662.43		P	1.1
5	☐	1.000		25850.63		P	0.8
6	☐	1.000		25201.71		P	0.7
7	☐	1.000		25593.49		P	1.4
8	☐	1.000		25896.29		P	0.1
9	☐	1.000		24636.31		P	3.5

89 Y (ISTD) [No Gas]

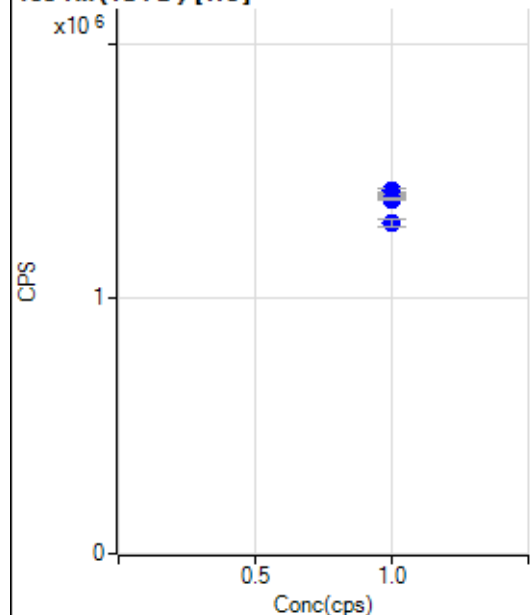
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5556279.01		A	3.9
2	☐	1.000					
3	☐	1.000		5726717.69		A	0.1
4	☐	1.000		5802992.48		A	0.9
5	☐	1.000		5846320.40		A	0.1
6	☐	1.000		5844825.40		A	1.0
7	☐	1.000		5940558.38		A	0.5
8	☐	1.000		5939976.58		A	3.3
9	☐	1.000		5844240.12		A	0.7

89 Y(ISTD) [He]

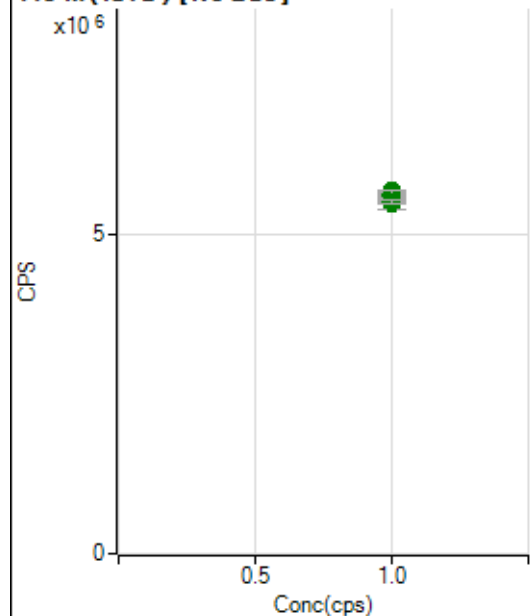
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		201806.24		P	1.1
2	☐	1.000					
3	☐	1.000		199280.70		P	2.4
4	☐	1.000		197250.43		P	0.3
5	☐	1.000		196152.12		P	0.2
6	☐	1.000		194136.32		P	0.5
7	☐	1.000		197910.55		P	1.2
8	☐	1.000		199522.25		P	0.7
9	☐	1.000		191206.36		P	2.1

103 Rh(ISTD) [No Gas]

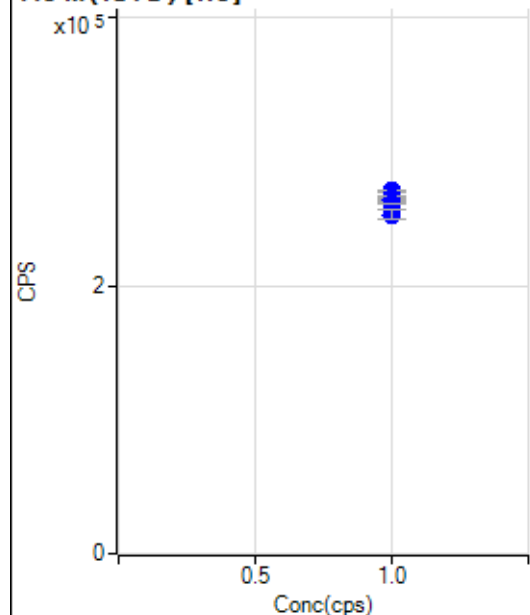
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5107678.93		A	3.7
2	☐	1.000					
3	☐	1.000		5146843.91		A	0.5
4	☐	1.000		5179161.84		A	0.3
5	☐	1.000		5167625.51		A	0.7
6	☐	1.000		5156791.91		A	1.1
7	☐	1.000		5126951.42		A	0.4
8	☐	1.000		5088132.67		A	2.7
9	☐	1.000		4899267.82		A	0.5

103 Rh (ISTD) [He]

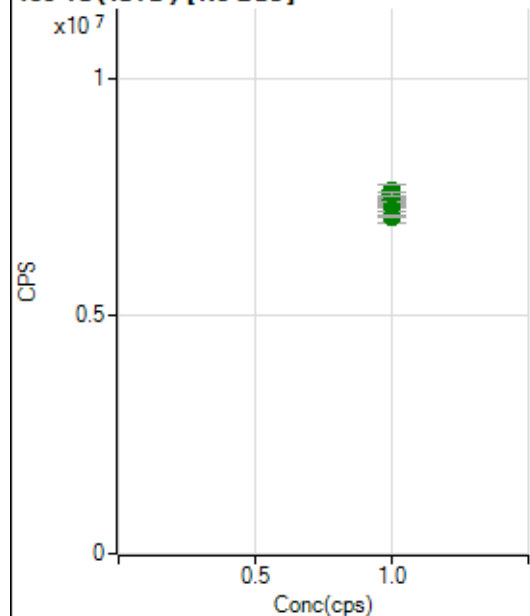
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1422316.12		P	0.9
2	☐	1.000					
3	☐	1.000		1400217.27		P	2.0
4	☐	1.000		1407105.17		P	0.6
5	☐	1.000		1392066.06		P	0.6
6	☐	1.000		1389685.74		P	0.7
7	☐	1.000		1396600.45		P	1.7
8	☐	1.000		1389805.54		P	0.3
9	☐	1.000		1296553.80		P	2.3

115 In (ISTD) [No Gas]

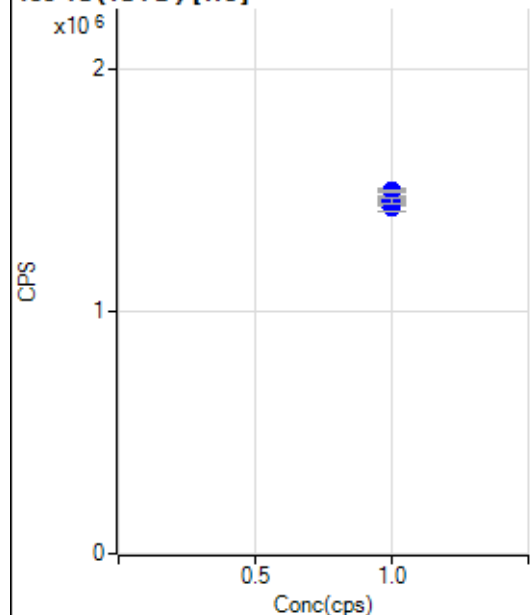
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5480813.15		A	3.1
2	☐	1.000					
3	☐	1.000		5589277.21		A	0.2
4	☐	1.000		5651106.20		A	0.2
5	☐	1.000		5672494.74		A	0.2
6	☐	1.000		5639999.86		A	1.0
7	☐	1.000		5686852.28		A	0.2
8	☐	1.000		5597768.88		A	3.1
9	☐	1.000		5519144.45		A	1.0

115 In (ISTD) [He]

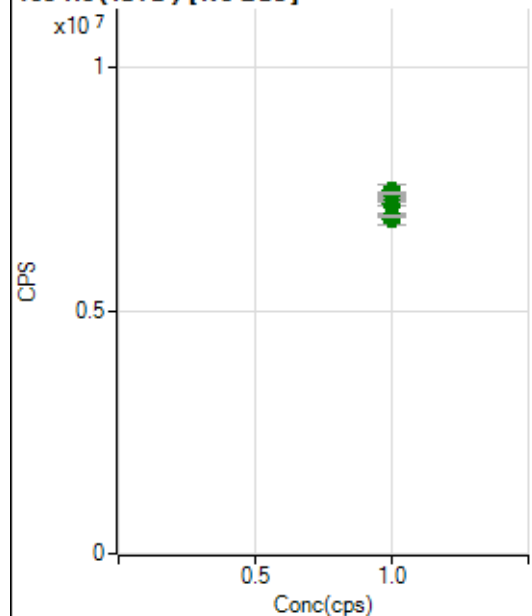
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		270932.38		P	0.9
2	☐	1.000					
3	☐	1.000		267661.54		P	2.4
4	☐	1.000		265500.14		P	0.4
5	☐	1.000		264244.87		P	0.3
6	☐	1.000		262567.41		P	0.4
7	☐	1.000		264553.68		P	1.5
8	☐	1.000		261354.79		P	0.3
9	☐	1.000		253249.26		P	2.5

159 Tb (ISTD) [No Gas]

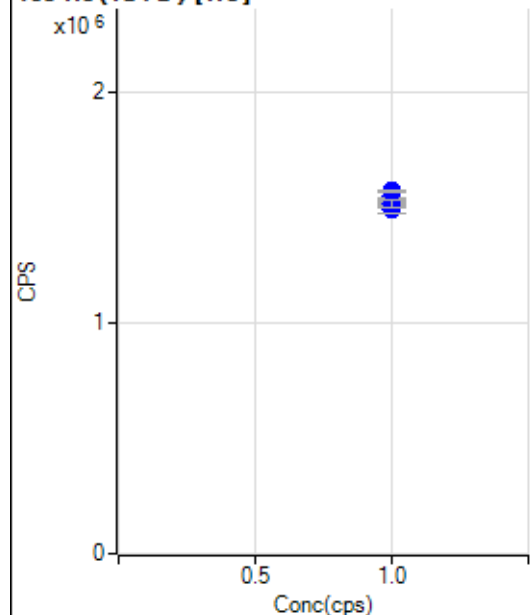
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7065862.88		A	3.4
2	☐	1.000					
3	☐	1.000		7098562.39		A	0.5
4	☐	1.000		7312322.25		A	0.3
5	☐	1.000		7360703.15		A	0.4
6	☐	1.000		7410295.24		A	0.8
7	☐	1.000		7462424.89		A	1.1
8	☐	1.000		7632918.91		A	3.2
9	☐	1.000		7572769.96		A	0.8

159 Tb (ISTD) [He]

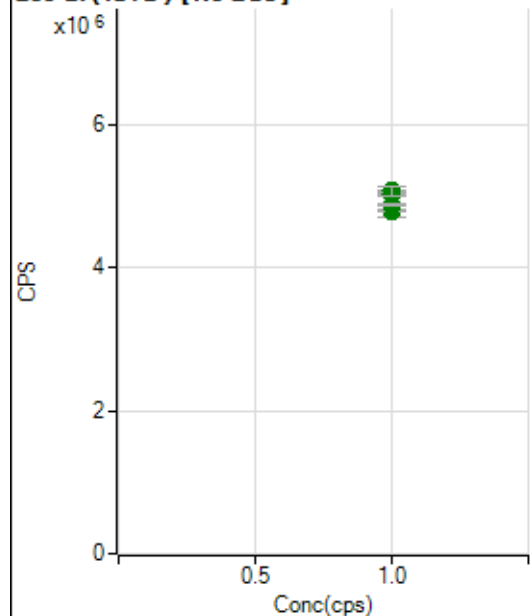
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1446446.70		P	0.8
2	☐	1.000					
3	☐	1.000		1423316.45		P	1.9
4	☐	1.000		1447979.86		P	0.5
5	☐	1.000		1451584.32		P	0.4
6	☐	1.000		1459116.80		P	1.1
7	☐	1.000		1489777.84		P	1.8
8	☐	1.000		1495092.30		P	0.4
9	☐	1.000		1452578.84		P	2.0

165 Ho (ISTD) [No Gas]

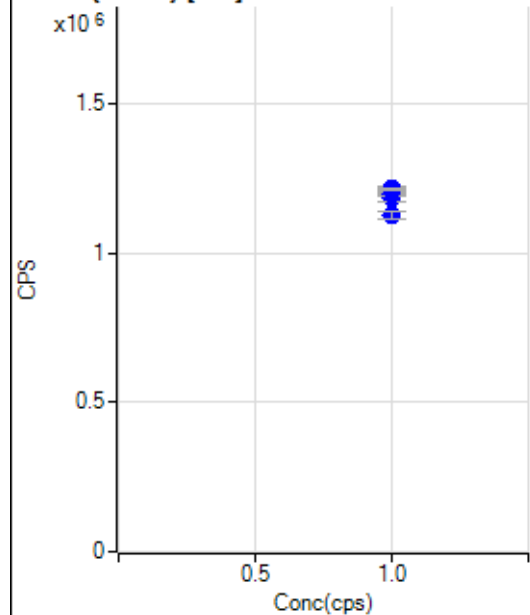
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6896251.98		A	3.4
2	☐	1.000					
3	☐	1.000		6938354.75		A	0.2
4	☐	1.000		7199897.82		A	1.0
5	☐	1.000		7240523.34		A	0.3
6	☐	1.000		7254309.97		A	0.2
7	☐	1.000		7349642.01		A	0.7
8	☐	1.000		7463699.30		A	3.4
9	☐	1.000		7420081.07		A	0.3

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1502041.35		P	0.5
2	☐	1.000					
3	☐	1.000		1488171.42		P	1.7
4	☐	1.000		1514478.22		P	0.6
5	☐	1.000		1513649.18		P	1.0
6	☐	1.000		1522777.35		P	0.4
7	☐	1.000		1552244.96		P	1.6
8	☐	1.000		1571278.87		P	0.4
9	☐	1.000		1518551.85		P	2.2

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4778221.77		A	3.8
2	☐	1.000					
3	☐	1.000		4792051.28		A	0.6
4	☐	1.000		5015646.66		A	0.8
5	☐	1.000		5018519.92		A	0.5
6	☐	1.000		5014736.18		A	0.8
7	☐	1.000		5063526.69		A	0.5
8	☐	1.000		5065406.80		A	2.7
9	☐	1.000		4868742.98		A	0.4

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1200873.56		P	0.4
2	☐	1.000					
3	☐	1.000		1186418.60		P	1.6
4	☐	1.000		1205841.99		P	0.7
5	☐	1.000		1200523.63		P	0.5
6	☐	1.000		1200820.93		P	0.9
7	☐	1.000		1216848.77		P	1.6
8	☐	1.000		1215718.91		P	0.2
9	☐	1.000		1127513.42		P	2.3

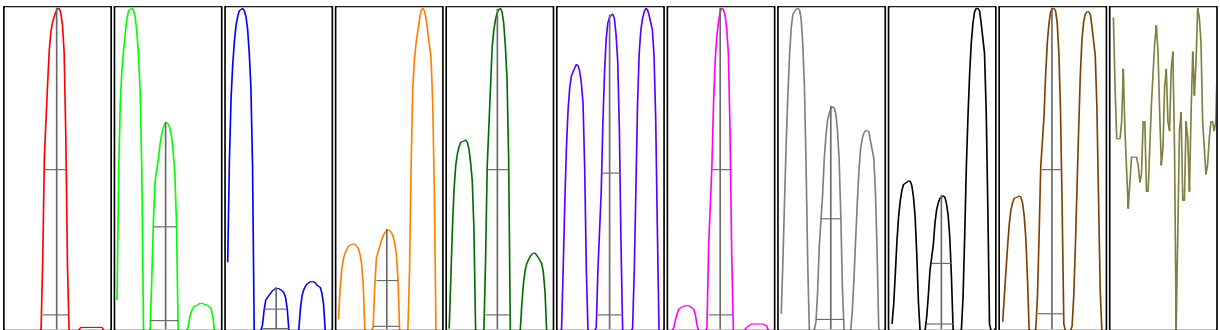
US EPA Tune Check Sample Report

Batch Folder D:\P801301 MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	3159	0.97	5.00	
24	25419	0.94	5.00	
25	3334	0.76	5.00	
26	3836	1.08	5.00	
59	39287	0.77	5.00	
113	6177	0.87	5.00	
115	82608	1.25	5.00	
206	19024	0.76	5.00	
207	17079	0.67	5.00	
208	41267	0.75	5.00	
220	1	18.78		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	3149	3206	3124	3147	3168
24	25134	25397	25266	25554	25745
25	3319	3332	3301	3352	3364
26	3787	3859	3798	3856	3882
59	39484	39548	38802	39194	39406
113	6165	6142	6113	6224	6239
115	81367	81974	82357	83695	83649
206	19054	19114	18777	19036	19139
207	17075	17144	16883	17125	17169
208	41351	41564	40744	41284	41391
220	1	1	1	2	1

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	5312	9.00	8.9 - 9.1		0.777	0.900	
24	41071	23.95	23.9 - 24.1		0.785	0.900	
25	5393	24.95	24.9 - 25.1		0.777	0.900	
26	6273	25.95	25.9 - 26.1		0.743	0.900	
59	67584	58.95	58.9 - 59.1		0.735	0.900	
113	11459	113.00	112.9 - 113.1		0.731	0.900	
115	151760	115.00	114.9 - 115.1		0.731	0.900	
206	34230	206.00	205.9 - 206.1		0.783	0.900	
207	30695	207.00	206.9 - 207.1		0.770	0.900	
208	73629	208.00	207.9 - 208.1		0.771	0.900	
220			-				

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	10.0	V	Deflect	14.2	V
Extract 2	-240.0	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	180	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	5396	1.26	
89	1578	1.18	
205	8197	1.23	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	5285	5464	5433	5388	5409
89	1574	1608	1578	1573	1558
205	8037	8236	8276	8160	8276

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	10.0	V	Deflect	1.2	V
Extract 2	-240.0	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	200	V			

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 15:44:44	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.89	1.85	-3.75	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.02	0.02	0.00	0.00	N/A	ppb
Barium	135-1	0.01	-0.01	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.36	-0.43	0.07	0.00	N/A	ppb
Boron	11-1	0.18	-0.03	-0.16	0.00	N/A	ppb
Cadmium	111-1	-0.01	0.03	-0.02	0.00	N/A	ppb
Cadmium	106-1	-0.08	0.47	-0.39	0.00	N/A	ppb
Cadmium	108-1	0.00	0.00	0.00	0.00	N/A	ppb
Calcium	43-1	4.78	-1.20	-3.58	0.00	N/A	ppb
Calcium	44-1	-2.16	2.64	-0.48	0.00	N/A	ppb
Chromium	52-2	-0.02	0.00	0.02	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.02	-0.01	-0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	-0.15	-0.13	0.28	0.00	N/A	ppb
Iron	57-2	-0.52	2.67	-2.14	0.00	N/A	ppb
Lead	206-1	-0.01	0.01	0.00	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-2.11	-1.92	4.04	0.00	N/A	ppb
Manganese	55-2	0.05	-0.01	-0.04	0.00	N/A	ppb

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 15:44:44	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	-0.01	-0.01	0.00	N/A	ppb
Molybdenum	95-1	0.01	0.00	-0.01	0.00	N/A	ppb
Molybdenum	96-1	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	-0.01	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.20	-0.07	0.27	0.00	N/A	ppb
Phosphorus	31-2	13.92	-13.82	-13.82	-4.57		ppb
Potassium	39-2	-21.24	0.70	20.54	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	4.42	-2.21	-2.21	0.00	N/A	ppb
Selenium	78-2	0.00	0.99	-0.98	0.00	N/A	ppb
Selenium	82-1	-0.11	-0.54	0.65	0.00	N/A	ppb
Silicon	28-1	-3.02	6.14	-3.12	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	2.08	0.09	-2.17	0.00	N/A	ppb
Strontium	86-1	-0.06	0.03	0.04	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-412.62	1001.70	-204.96	128.04	596.46	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.01	0.00	-0.01	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.03	0.01	0.02	0.00	N/A	ppb
Titanium	47-1	-0.03	0.01	0.01	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.01	0.00	-0.01	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.03	-0.03	0.00	0.00	N/A	ppb
Zirconium	90-1	-0.01	0.00	0.01	0.00	N/A	ppb

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 15:44:44	DataFile Name :	003CALB.d

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

LB Number : LB93007 Operator : Jaswal
 Lab Sample ID : S02 Instrumnet Name : P8
 Client Sample ID : S02 Dilution Factor : 1
 Date & Time Acquired :: 2018-01-30 15:51:48 DataFile Name : 005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.57	7.40	38.55	22.84	68.20	ppb
Antimony	121-1	1.93	1.89	1.83	1.88	2.73	ppb
Arsenic	75-2	1.02	1.16	0.97	1.05	9.59	ppb
Barium	135-1	8.71	9.48	9.14	9.11	4.26	ppb
Barium	137-1	9.18	9.40	9.54	9.37	1.94	ppb
Beryllium	9-1	0.97	0.98	0.93	0.96	2.35	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	10-1	20.46	22.40	22.14	21.67	4.87	ppb
Boron	11-1	20.43	22.58	21.93	21.65	5.09	ppb
Cadmium	111-1	0.96	1.16	1.13	1.08	9.74	ppb
Cadmium	106-1	1.48	2.55	1.95	1.99	26.91	ppb
Cadmium	108-1	1.04	1.03	1.04	1.04	0.53	ppb
Calcium	43-1	425.28	426.14	432.48	427.97	0.92	ppb
Calcium	44-1	447.65	449.41	441.69	446.25	0.91	ppb
Chromium	52-2	1.84	2.02	2.04	1.97	5.59	ppb
Cobalt	59-2	1.01	0.89	1.05	0.98	8.73	ppb
Copper	63-2	1.79	2.03	1.80	1.87	7.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				99		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	45.84	45.98	47.63	46.48	2.14	ppb
Iron	57-2	46.43	43.68	51.99	47.37	8.94	ppb
Lead	206-1	0.79	0.87	0.91	0.85	7.08	ppb
Lead	207-1	0.91	0.91	0.92	0.91	0.97	ppb
Lead	208-1	0.86	0.92	0.90	0.89	3.58	ppb
Lithium	6-1				101		%
Magnesium	24-2	456.70	465.88	485.96	469.51	3.19	ppb
Manganese	55-2	0.98	0.76	1.01	0.92	14.77	ppb

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 15:51:48	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.78	4.46	4.75	4.66	3.78	ppb
Molybdenum	95-1	4.44	4.66	4.51	4.54	2.44	ppb
Molybdenum	96-1	4.59	4.66	4.59	4.61	0.90	ppb
Molybdenum	97-1	4.59	4.27	4.60	4.49	4.12	ppb
Molybdenum	98-1	4.43	4.56	4.57	4.52	1.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.70	0.65	0.76	0.71	7.67	ppb
Phosphorus	31-2	13.93	13.59	-13.82	4.57	348.47	ppb
Potassium	39-2	441.95	446.01	456.50	448.16	1.68	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	77-2	11.17	-2.21	-2.21	2.25	343.29	ppb
Selenium	78-2	4.96	4.94	5.21	5.04	2.93	ppb
Selenium	82-1	4.31	3.60	4.14	4.02	9.22	ppb
Silicon	28-1	9.26	10.42	12.55	10.75	15.52	ppb
Silver	109-1	0.99	1.01	0.92	0.97	4.68	ppb
Silver	107-1	0.94	0.98	0.93	0.95	2.60	ppb
Sodium	23-2	451.53	451.30	475.23	459.35	2.99	ppb
Strontium	86-1	0.89	0.91	0.93	0.91	1.91	ppb
Strontium	88-1	0.95	0.92	0.92	0.93	1.89	ppb
Sulfur	34-1	-326.83	-2.74	-54.55	-128.04		ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	0.87	0.89	0.92	0.90	2.84	ppb
Thallium	205-1	0.89	0.91	0.92	0.90	1.69	ppb
Tin	118-1	4.70	4.57	4.86	4.71	3.11	ppb
Titanium	47-1	4.17	4.73	4.34	4.41	6.55	ppb
Uranium	238-1	0.82	0.88	0.86	0.85	3.76	ppb
Vanadium	51-2	4.76	4.23	4.70	4.56	6.30	ppb
Yttrium	89-1				103		%
Yttrium	89-2				99		%
Zinc	66-2	2.37	2.14	2.04	2.18	7.82	ppb
Zirconium	90-1	0.96	0.92	0.90	0.93	3.57	ppb

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 15:51:48	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.86	1.12	0.88	0.95	14.92	ppb

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 16:07:34	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	903.00	921.76	1079.95	968.23	10.04	ppb
Antimony	121-1	49.80	50.22	50.14	50.05	0.44	ppb
Arsenic	75-2	50.51	50.82	51.07	50.80	0.54	ppb
Barium	135-1	249.76	250.53	249.82	250.04	0.17	ppb
Barium	137-1	248.30	252.36	250.62	250.43	0.81	ppb
Beryllium	9-1	51.68	50.03	49.82	50.51	2.02	ppb
Bismuth	209-1				105		%
Bismuth	209-2				100		%
Boron	10-1	50.52	52.59	49.96	51.02	2.71	ppb
Boron	11-1	51.91	52.66	52.66	52.41	0.83	ppb
Cadmium	111-1	51.02	51.14	51.40	51.19	0.39	ppb
Cadmium	106-1	49.61	51.06	51.84	50.84	2.23	ppb
Cadmium	108-1	52.83	51.19	50.96	51.66	1.97	ppb
Calcium	43-1	4985.70	4922.08	5032.88	4980.22	1.12	ppb
Calcium	44-1	4855.84	4869.79	4872.36	4865.99	0.18	ppb
Chromium	52-2	50.93	51.19	51.26	51.13	0.34	ppb
Cobalt	59-2	52.18	52.09	51.85	52.04	0.33	ppb
Copper	63-2	101.39	103.51	103.17	102.69	1.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	56-2	2506.29	2532.52	2549.60	2529.47	0.86	ppb
Iron	57-2	2465.81	2503.37	2538.01	2502.40	1.44	ppb
Lead	206-1	47.22	48.81	47.36	47.80	1.85	ppb
Lead	207-1	47.44	47.93	46.91	47.43	1.07	ppb
Lead	208-1	47.50	48.58	47.81	47.96	1.16	ppb
Lithium	6-1				101		%
Magnesium	24-2	4954.86	4989.26	5066.38	5003.50	1.14	ppb
Manganese	55-2	101.53	100.88	103.10	101.84	1.12	ppb

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 16:07:34	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	245.72	250.65	250.12	248.83	1.09	ppb
Molybdenum	95-1	244.87	249.74	245.41	246.67	1.08	ppb
Molybdenum	96-1	244.09	249.95	247.46	247.17	1.19	ppb
Molybdenum	97-1	242.00	245.23	247.01	244.75	1.04	ppb
Molybdenum	98-1	243.28	246.30	247.84	245.81	0.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.30	52.06	50.53	51.30	1.49	ppb
Phosphorus	31-2	1051.42	1209.87	1103.80	1121.70	7.20	ppb
Potassium	39-2	2516.87	2533.23	2487.51	2512.54	0.92	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				95		%
Selenium	77-2	45.67	65.98	66.38	59.34	19.95	ppb
Selenium	78-2	53.74	43.46	52.87	50.02	11.39	ppb
Selenium	82-1	50.14	52.38	52.86	51.79	2.80	ppb
Silicon	28-1	52.96	52.76	52.67	52.80	0.28	ppb
Silver	109-1	50.51	51.40	50.51	50.80	1.01	ppb
Silver	107-1	50.99	51.64	51.03	51.22	0.71	ppb
Sodium	23-2	4950.89	4977.05	4982.80	4970.25	0.34	ppb
Strontium	86-1	48.52	49.21	49.57	49.10	1.09	ppb
Strontium	88-1	49.37	49.48	49.93	49.59	0.61	ppb
Sulfur	34-1	465.63	523.87	378.28	455.93	16.07	ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	48.29	48.64	47.81	48.25	0.86	ppb
Thallium	205-1	48.01	49.12	48.29	48.48	1.19	ppb
Tin	118-1	49.50	49.77	50.20	49.82	0.71	ppb
Titanium	47-1	250.53	245.34	248.54	248.14	1.06	ppb
Uranium	238-1	47.11	47.34	47.26	47.24	0.25	ppb
Vanadium	51-2	50.24	50.07	50.56	50.29	0.49	ppb
Yttrium	89-1				104		%
Yttrium	89-2				98		%
Zinc	66-2	104.94	101.50	102.64	103.03	1.70	ppb
Zirconium	90-1	49.15	49.56	49.52	49.41	0.46	ppb

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 16:07:34	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	48.65	48.48	49.32	48.82	0.90	ppb

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 16:10:58	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2522.41	2427.01	2463.81	2471.08	1.95	ppb
Antimony	121-1	124.39	126.25	124.82	125.16	0.78	ppb
Arsenic	75-2	126.86	124.00	127.50	126.12	1.48	ppb
Barium	135-1	629.45	624.86	621.30	625.20	0.65	ppb
Barium	137-1	642.55	633.42	625.43	633.80	1.35	ppb
Beryllium	9-1	125.73	126.77	128.01	126.84	0.90	ppb
Bismuth	209-1				105		%
Bismuth	209-2				100		%
Boron	10-1	117.53	125.95	121.34	121.61	3.47	ppb
Boron	11-1	116.23	122.64	123.72	120.86	3.35	ppb
Cadmium	111-1	128.18	128.87	127.45	128.17	0.56	ppb
Cadmium	106-1	131.53	127.15	132.09	130.26	2.07	ppb
Cadmium	108-1	129.79	127.67	124.49	127.32	2.10	ppb
Calcium	43-1	12280.34	12196.63	12071.29	12182.75	0.86	ppb
Calcium	44-1	12358.11	12208.33	12220.56	12262.33	0.68	ppb
Chromium	52-2	127.62	127.75	126.76	127.38	0.42	ppb
Cobalt	59-2	130.03	126.77	126.65	127.82	1.50	ppb
Copper	63-2	255.49	251.59	250.33	252.47	1.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	56-2	6439.90	6307.29	6311.08	6352.76	1.19	ppb
Iron	57-2	6290.80	6094.34	6133.45	6172.86	1.68	ppb
Lead	206-1	119.68	119.48	119.55	119.57	0.08	ppb
Lead	207-1	120.27	117.94	118.85	119.02	0.99	ppb
Lead	208-1	121.02	119.75	119.97	120.25	0.56	ppb
Lithium	6-1				101		%
Magnesium	24-2	12597.84	12392.21	12316.35	12435.46	1.17	ppb
Manganese	55-2	261.43	249.08	249.38	253.30	2.78	ppb

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 16:10:58	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	624.77	625.45	621.30	623.84	0.36	ppb
Molybdenum	95-1	627.28	631.52	622.94	627.25	0.68	ppb
Molybdenum	96-1	632.53	635.17	636.18	634.63	0.30	ppb
Molybdenum	97-1	604.66	613.67	606.08	608.14	0.80	ppb
Molybdenum	98-1	630.56	625.78	624.19	626.84	0.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	126.81	126.47	129.60	127.63	1.34	ppb
Phosphorus	31-2	2668.46	2198.22	3271.34	2712.67	19.83	ppb
Potassium	39-2	6142.97	6105.00	6178.23	6142.06	0.60	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				101		%
Scandium	45-2				96		%
Selenium	77-2	149.40	169.63	93.99	137.67	28.45	ppb
Selenium	78-2	118.45	127.29	124.19	123.31	3.64	ppb
Selenium	82-1	127.11	123.67	124.51	125.09	1.44	ppb
Silicon	28-1	144.58	147.49	147.63	146.57	1.17	ppb
Silver	109-1	128.64	127.38	127.04	127.69	0.66	ppb
Silver	107-1	127.68	128.00	127.69	127.79	0.14	ppb
Sodium	23-2	12311.34	12259.79	12274.17	12281.77	0.22	ppb
Strontium	86-1	122.59	124.13	122.48	123.07	0.75	ppb
Strontium	88-1	126.42	126.31	126.11	126.28	0.13	ppb
Sulfur	34-1	1756.05	1427.64	1395.95	1526.55	13.06	ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	122.43	121.74	121.23	121.80	0.50	ppb
Thallium	205-1	125.42	122.49	121.71	123.21	1.59	ppb
Tin	118-1	124.24	124.60	122.99	123.94	0.68	ppb
Titanium	47-1	609.55	606.98	609.47	608.67	0.24	ppb
Uranium	238-1	124.27	123.89	123.85	124.00	0.19	ppb
Vanadium	51-2	127.90	125.38	123.63	125.64	1.71	ppb
Yttrium	89-1				105		%
Yttrium	89-2				97		%
Zinc	66-2	260.28	255.73	255.57	257.19	1.04	ppb
Zirconium	90-1	123.88	124.74	123.03	123.88	0.69	ppb

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 16:10:58	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	121.58	123.04	120.95	121.86	0.88	ppb

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 16:14:21	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5023.00	5157.75	4922.14	5034.30	2.35	ppb
Antimony	121-1	255.96	251.96	246.65	251.52	1.86	ppb
Arsenic	75-2	251.42	254.00	258.15	254.52	1.33	ppb
Barium	135-1	1277.13	1244.43	1243.97	1255.18	1.52	ppb
Barium	137-1	1271.11	1270.12	1262.34	1267.85	0.38	ppb
Beryllium	9-1	249.65	251.95	251.34	250.98	0.47	ppb
Bismuth	209-1				105		%
Bismuth	209-2				100		%
Boron	10-1	233.78	236.54	250.19	240.17	3.66	ppb
Boron	11-1	236.33	238.71	250.24	241.76	3.08	ppb
Cadmium	111-1	252.92	253.16	251.15	252.41	0.44	ppb
Cadmium	106-1	250.48	256.83	252.99	253.43	1.26	ppb
Cadmium	108-1	250.50	253.16	254.96	252.87	0.89	ppb
Calcium	43-1	24680.41	24885.15	24392.63	24652.73	1.00	ppb
Calcium	44-1	24357.46	24297.19	24271.46	24308.70	0.18	ppb
Chromium	52-2	258.61	258.53	256.11	257.75	0.55	ppb
Cobalt	59-2	258.23	258.89	257.87	258.33	0.20	ppb
Copper	63-2	510.15	511.02	509.53	510.23	0.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				97		%
Iron	56-2	12701.46	12754.97	12626.42	12694.28	0.51	ppb
Iron	57-2	12414.91	12409.20	12369.29	12397.80	0.20	ppb
Lead	206-1	242.83	242.59	240.09	241.84	0.63	ppb
Lead	207-1	240.50	240.63	237.39	239.50	0.77	ppb
Lead	208-1	246.00	247.34	244.96	246.10	0.48	ppb
Lithium	6-1				101		%
Magnesium	24-2	24875.69	24988.68	24812.40	24892.26	0.36	ppb
Manganese	55-2	515.52	513.88	507.63	512.34	0.81	ppb

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 16:14:21	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1266.16	1244.15	1246.61	1252.31	0.96	ppb
Molybdenum	95-1	1258.20	1236.87	1239.84	1244.97	0.93	ppb
Molybdenum	96-1	1243.25	1231.39	1244.67	1239.77	0.59	ppb
Molybdenum	97-1	1250.86	1248.56	1263.64	1254.35	0.65	ppb
Molybdenum	98-1	1263.51	1218.06	1235.34	1238.97	1.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	259.49	257.83	257.81	258.38	0.37	ppb
Phosphorus	31-2	5444.73	4976.18	5245.74	5222.22	4.50	ppb
Potassium	39-2	12478.65	12215.26	12272.14	12322.02	1.12	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				93		%
Selenium	77-2	274.25	241.95	359.88	292.03	20.87	ppb
Selenium	78-2	240.60	211.87	271.30	241.26	12.32	ppb
Selenium	82-1	254.63	252.48	251.55	252.89	0.63	ppb
Silicon	28-1	292.59	287.99	294.23	291.60	1.11	ppb
Silver	109-1	256.13	259.00	256.98	257.37	0.57	ppb
Silver	107-1	256.04	259.16	260.75	258.65	0.93	ppb
Sodium	23-2	25644.86	25259.16	25237.48	25380.50	0.90	ppb
Strontium	86-1	247.68	244.80	245.22	245.90	0.63	ppb
Strontium	88-1	249.41	249.51	249.28	249.40	0.05	ppb
Sulfur	34-1	4221.25	4389.16	4115.93	4242.11	3.25	ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	244.32	243.42	241.30	243.02	0.64	ppb
Thallium	205-1	251.75	248.30	247.35	249.13	0.93	ppb
Tin	118-1	248.09	248.15	244.42	246.89	0.86	ppb
Titanium	47-1	1228.89	1242.25	1228.77	1233.30	0.63	ppb
Uranium	238-1	246.99	246.21	245.07	246.09	0.39	ppb
Vanadium	51-2	256.86	257.89	255.20	256.65	0.53	ppb
Yttrium	89-1				105		%
Yttrium	89-2				96		%
Zinc	66-2	518.30	521.20	512.02	517.18	0.91	ppb
Zirconium	90-1	255.50	251.74	253.75	253.66	0.74	ppb

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 16:14:21	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	246.25	242.86	241.30	243.47	1.04	ppb

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 16:17:40	DataFile Name :	012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9504.65	9404.24	9798.32	9569.07	2.14	ppb
Antimony	121-1	514.68	502.92	501.82	506.47	1.41	ppb
Arsenic	75-2	494.45	508.29	500.56	501.10	1.38	ppb
Barium	135-1	2555.56	2500.18	2486.30	2514.01	1.46	ppb
Barium	137-1	2548.42	2500.77	2479.26	2509.48	1.41	ppb
Beryllium	9-1	491.86	489.50	497.90	493.08	0.88	ppb
Bismuth	209-1				106		%
Bismuth	209-2				101		%
Boron	10-1	472.17	470.47	504.71	482.45	4.00	ppb
Boron	11-1	474.43	478.51	490.68	481.20	1.76	ppb
Cadmium	111-1	511.19	499.16	499.28	503.21	1.37	ppb
Cadmium	106-1	507.47	502.41	503.85	504.58	0.52	ppb
Cadmium	108-1	522.48	498.62	507.39	509.49	2.37	ppb
Calcium	43-1	50164.27	48728.83	49106.06	49333.06	1.51	ppb
Calcium	44-1	49644.51	48034.34	48272.71	48650.52	1.79	ppb
Chromium	52-2	499.70	504.63	505.28	503.20	0.61	ppb
Cobalt	59-2	502.67	508.65	506.64	505.99	0.60	ppb
Copper	63-2	992.31	1002.38	1001.01	998.57	0.55	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				107		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				98		%
Iron	56-2	24659.01	24911.40	24878.38	24816.26	0.55	ppb
Iron	57-2	24414.89	24442.69	24614.19	24490.59	0.44	ppb
Lead	206-1	498.04	500.37	493.18	497.20	0.74	ppb
Lead	207-1	499.85	496.73	493.97	496.85	0.59	ppb
Lead	208-1	500.91	495.22	496.54	497.56	0.60	ppb
Lithium	6-1				101		%
Magnesium	24-2	48672.15	49127.20	49080.66	48960.00	0.51	ppb
Manganese	55-2	1000.64	1006.45	1002.74	1003.28	0.29	ppb

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 16:17:40	DataFile Name :	012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2491.33	2487.05	2456.88	2478.42	0.76	ppb
Molybdenum	95-1	2461.67	2465.45	2441.74	2456.29	0.52	ppb
Molybdenum	96-1	2450.65	2469.31	2447.41	2455.79	0.48	ppb
Molybdenum	97-1	2477.33	2477.23	2464.07	2472.88	0.31	ppb
Molybdenum	98-1	2482.83	2466.05	2448.97	2465.95	0.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	507.58	505.95	504.25	505.93	0.33	ppb
Phosphorus	31-2	10018.95	9732.36	10698.53	10149.95	4.89	ppb
Potassium	39-2	24365.11	23954.87	24023.78	24114.59	0.91	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				95		%
Selenium	77-2	430.13	465.05	522.01	472.40	9.82	ppb
Selenium	78-2	538.76	501.82	464.89	501.82	7.36	ppb
Selenium	82-1	496.20	492.40	493.58	494.06	0.39	ppb
Silicon	28-1	577.90	566.99	585.98	576.95	1.65	ppb
Silver	109-1	512.73	504.58	507.51	508.27	0.81	ppb
Silver	107-1	514.47	510.12	507.79	510.79	0.66	ppb
Sodium	23-2	49704.11	49603.31	49756.09	49687.84	0.16	ppb
Strontium	86-1	487.24	490.37	482.01	486.54	0.87	ppb
Strontium	88-1	496.69	491.63	487.61	491.98	0.92	ppb
Sulfur	34-1	9985.38	9033.79	9242.08	9420.42	5.31	ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	500.99	494.72	498.96	498.22	0.64	ppb
Thallium	205-1	501.37	490.48	495.21	495.68	1.10	ppb
Tin	118-1	513.91	498.16	503.79	505.29	1.58	ppb
Titanium	47-1	2509.91	2469.85	2455.84	2478.53	1.13	ppb
Uranium	238-1	494.09	488.45	492.11	491.55	0.58	ppb
Vanadium	51-2	501.91	496.48	505.11	501.17	0.87	ppb
Yttrium	89-1				107		%
Yttrium	89-2				98		%
Zinc	66-2	1014.32	1021.67	1005.48	1013.83	0.80	ppb
Zirconium	90-1	500.51	505.41	493.36	499.76	1.21	ppb

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 16:17:40	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	483.79	492.98	481.24	486.00	1.27	ppb

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 16:20:57	DataFile Name :	013CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19188.87	19358.26	19181.85	19242.99	0.52	ppb
Antimony	121-1	981.23	970.19	1037.66	996.36	3.63	ppb
Arsenic	75-2	997.73	1003.23	993.46	998.14	0.49	ppb
Barium	135-1	4907.15	4888.36	5179.51	4991.67	3.26	ppb
Barium	137-1	4889.79	4899.79	5179.45	4989.68	3.30	ppb
Beryllium	9-1	980.23	980.10	1048.54	1002.96	3.94	ppb
Bismuth	209-1				106		%
Bismuth	209-2				101		%
Boron	10-1	955.17	1008.54	1071.36	1011.69	5.75	ppb
Boron	11-1	981.21	991.27	1063.33	1011.94	4.43	ppb
Cadmium	111-1	976.89	977.33	1037.79	997.34	3.51	ppb
Cadmium	106-1	966.11	984.21	1038.13	996.15	3.76	ppb
Cadmium	108-1	960.40	982.65	1039.44	994.16	4.10	ppb
Calcium	43-1	97898.62	99598.70	104005.88	100501.07	3.14	ppb
Calcium	44-1	96127.78	96714.20	102731.62	98524.53	3.71	ppb
Chromium	52-2	991.48	996.82	1000.02	996.11	0.43	ppb
Cobalt	59-2	994.41	994.54	994.46	994.47	0.01	ppb
Copper	63-2	1987.89	1987.18	2018.08	1997.72	0.88	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				108		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				96		%
Iron	56-2	49153.51	49447.85	49637.05	49412.80	0.49	ppb
Iron	57-2	47901.50	48312.91	48559.69	48258.03	0.69	ppb
Lead	206-1	992.59	984.85	1035.25	1004.23	2.70	ppb
Lead	207-1	986.07	988.32	1040.84	1005.08	3.08	ppb
Lead	208-1	987.44	984.74	1036.51	1002.89	2.91	ppb
Lithium	6-1				99		%
Magnesium	24-2	98400.70	98708.64	97720.66	98276.67	0.51	ppb
Manganese	55-2	1976.53	2000.58	2007.20	1994.77	0.81	ppb

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 16:20:57	DataFile Name :	013CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4925.35	4886.67	5219.23	5010.42	3.63	ppb
Molybdenum	95-1	4951.73	4920.33	5196.94	5023.00	3.02	ppb
Molybdenum	96-1	4930.30	4914.91	5225.59	5023.60	3.49	ppb
Molybdenum	97-1	4899.44	4908.25	5236.84	5014.84	3.83	ppb
Molybdenum	98-1	4918.77	4922.52	5218.00	5019.76	3.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	987.45	996.43	999.76	994.55	0.64	ppb
Phosphorus	31-2	20402.74	19240.05	19867.62	19836.80	2.93	ppb
Potassium	39-2	47655.77	47711.99	48128.41	47832.06	0.54	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				101		%
Scandium	45-2				96		%
Selenium	77-2	995.43	1088.38	919.96	1001.26	8.43	ppb
Selenium	78-2	991.50	1029.84	983.11	1001.48	2.49	ppb
Selenium	82-1	979.24	983.94	1043.28	1002.15	3.56	ppb
Silicon	28-1	929.72	927.07	988.04	948.28	3.63	ppb
Silver	109-1	968.40	978.98	1033.55	993.64	3.52	ppb
Silver	107-1	967.94	980.01	1028.15	992.03	3.21	ppb
Sodium	23-2	96250.19	97576.53	96631.29	96819.34	0.71	ppb
Strontium	86-1	998.34	972.94	1052.84	1008.04	4.05	ppb
Strontium	88-1	986.97	977.74	1047.35	1004.02	3.77	ppb
Sulfur	34-1	19770.30	19906.30	22207.84	20628.15	6.64	ppb
Terbium	159-1				108		%
Terbium	159-2				103		%
Thallium	203-1	982.60	990.85	1035.91	1003.12	2.86	ppb
Thallium	205-1	983.44	988.31	1036.28	1002.68	2.91	ppb
Tin	118-1	988.41	969.57	1036.85	998.28	3.48	ppb
Titanium	47-1	4959.50	4912.21	5179.43	5017.05	2.84	ppb
Uranium	238-1	984.76	988.34	1043.30	1005.47	3.26	ppb
Vanadium	51-2	991.86	999.76	1001.38	997.66	0.51	ppb
Yttrium	89-1				107		%
Yttrium	89-2				99		%
Zinc	66-2	1969.28	1996.56	1997.38	1987.74	0.80	ppb
Zirconium	90-1	984.98	979.79	1033.35	999.37	2.96	ppb

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 16:20:57	DataFile Name :	013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1003.22	971.04	1052.99	1009.08	4.09	ppb

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 16:24:10	DataFile Name :	014CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	104745.92	98912.78	96922.76	100193.82	4.06	ppb
Antimony	121-1	1.37	1.38	1.41	1.38	1.52	ppb
Arsenic	75-2	0.44	0.45	0.35	0.41	13.70	ppb
Barium	135-1	1.36	1.18	1.28	1.27	7.31	ppb
Barium	137-1	1.30	1.47	1.25	1.34	8.76	ppb
Beryllium	9-1	0.76	0.76	0.74	0.75	1.13	ppb
Bismuth	209-1				102		%
Bismuth	209-2				94		%
Boron	10-1	49.39	51.58	42.74	47.90	9.61	ppb
Boron	11-1	46.93	44.71	42.58	44.74	4.86	ppb
Cadmium	111-1	0.27	0.25	0.22	0.24	10.20	ppb
Cadmium	106-1	1.32	1.15	0.30	0.93	58.80	ppb
Cadmium	108-1	0.34	0.25	0.34	0.31	16.41	ppb
Calcium	43-1	502466.06	493120.17	504389.91	499992.05	1.21	ppb
Calcium	44-1	501941.05	497481.52	501993.26	500471.94	0.52	ppb
Chromium	52-2	14.84	14.14	13.94	14.31	3.28	ppb
Cobalt	59-2	1.24	1.13	1.22	1.19	4.90	ppb
Copper	63-2	2.75	2.55	2.65	2.65	3.81	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				108		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				93		%
Iron	56-2	259951.55	246954.86	243463.30	250123.24	3.47	ppb
Iron	57-2	260815.88	247248.93	243154.24	250406.35	3.69	ppb
Lead	206-1	2.00	1.93	1.96	1.96	1.70	ppb
Lead	207-1	1.87	1.79	1.73	1.80	4.10	ppb
Lead	208-1	1.93	1.84	1.85	1.88	2.53	ppb
Lithium	6-1				99		%
Magnesium	24-2	517829.15	494995.47	488542.37	500455.66	3.07	ppb
Manganese	55-2	5.75	5.35	6.06	5.72	6.20	ppb

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 16:24:10	DataFile Name :	014CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.08	2.34	2.23	2.22	5.90	ppb
Molybdenum	95-1	2.98	2.90	3.03	2.97	2.23	ppb
Molybdenum	96-1	3.21	3.13	3.36	3.23	3.71	ppb
Molybdenum	97-1	2.82	2.66	2.69	2.72	3.04	ppb
Molybdenum	98-1	2.70	2.63	2.59	2.64	2.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.90	8.61	8.74	9.08	7.82	ppb
Phosphorus	31-2	17.74	16.17	-13.82	6.70	265.52	ppb
Potassium	39-2	262087.02	247497.09	242017.01	250533.71	4.14	ppb
Rhodium	103-1				96		%
Rhodium	103-2				91		%
Scandium	45-1				100		%
Scandium	45-2				91		%
Selenium	77-2	-2.21	-2.21	4.73	0.10	3844.77	ppb
Selenium	78-2	1.15	1.09	0.04	0.76	81.70	ppb
Selenium	82-1	0.83	0.80	0.32	0.65	44.08	ppb
Silicon	28-1	2.99	12.25	2.93	6.06	88.59	ppb
Silver	109-1	0.07	0.05	0.07	0.06	13.70	ppb
Silver	107-1	0.06	0.07	0.08	0.07	12.71	ppb
Sodium	23-2	522404.30	491730.83	487827.22	500654.12	3.78	ppb
Strontium	86-1	32.21	33.01	32.47	32.57	1.25	ppb
Strontium	88-1	33.20	33.30	32.60	33.03	1.15	ppb
Sulfur	34-1	-2192.52	-2312.48	-1817.11	-2107.37		ppb
Terbium	159-1				107		%
Terbium	159-2				100		%
Thallium	203-1	0.57	0.50	0.51	0.53	7.16	ppb
Thallium	205-1	0.57	0.53	0.55	0.55	4.44	ppb
Tin	118-1	0.92	0.92	0.83	0.89	5.87	ppb
Titanium	47-1	0.75	0.75	0.85	0.78	7.08	ppb
Uranium	238-1	0.07	0.08	0.07	0.07	8.25	ppb
Vanadium	51-2	0.07	0.21	0.21	0.16	49.71	ppb
Yttrium	89-1				105		%
Yttrium	89-2				95		%
Zinc	66-2	5.60	6.67	5.75	6.01	9.61	ppb
Zirconium	90-1	0.16	0.17	0.15	0.16	6.13	ppb

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 16:24:10	DataFile Name :	014CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.23	0.14	0.15	0.17	29.71	ppb

LB Number : LB93007 Operator : Jaswal
 Lab Sample ID : ICV Instrumnet Name : P8
 Client Sample ID : ICV Dilution Factor : 1
 Date & Time Acquired :: 2018-01-30 16:32:20 DataFile Name : 015ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	499.44	468.14	529.27	498.95	6.13	ppb
Antimony	121-1	190.39	193.23	189.82	191.15	0.96	ppb
Arsenic	75-2	203.98	198.99	199.99	200.99	1.31	ppb
Barium	135-1	96.48	99.38	97.11	97.66	1.56	ppb
Barium	137-1	97.49	98.21	97.95	97.88	0.38	ppb
Beryllium	9-1	94.67	94.79	94.56	94.67	0.12	ppb
Bismuth	209-1				111		%
Bismuth	209-2				103		%
Boron	10-1	483.93	496.21	513.24	497.80	2.96	ppb
Boron	11-1	496.21	514.79	523.56	511.52	2.73	ppb
Cadmium	111-1	101.82	102.18	100.78	101.59	0.72	ppb
Cadmium	106-1	159.02	159.37	156.04	158.14	1.16	ppb
Cadmium	108-1	133.17	131.71	128.52	131.13	1.81	ppb
Calcium	43-1	2042.00	2111.04	2034.77	2062.60	2.04	ppb
Calcium	44-1	1957.21	2006.85	2005.10	1989.72	1.42	ppb
Chromium	52-2	101.29	96.80	97.01	98.37	2.57	ppb
Cobalt	59-2	103.27	100.77	100.69	101.58	1.44	ppb
Copper	63-2	101.49	98.55	98.69	99.58	1.66	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				109		%
Holmium	165-2				104		%
Indium	115-1				107		%
Indium	115-2				99		%
Iron	56-2	1008.44	978.19	992.42	993.02	1.52	ppb
Iron	57-2	1004.75	973.29	940.86	972.96	3.28	ppb
Lead	206-1	191.16	191.33	187.90	190.13	1.02	ppb
Lead	207-1	184.50	182.68	178.61	181.93	1.66	ppb
Lead	208-1	192.45	190.99	187.56	190.33	1.32	ppb
Lithium	6-1				109		%
Magnesium	24-2	1193.98	1191.53	1201.03	1195.51	0.41	ppb
Manganese	55-2	100.89	98.59	97.61	99.03	1.70	ppb

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 16:32:20	DataFile Name :	015ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1163.46	1164.20	1128.36	1152.00	1.78	ppb
Molybdenum	95-1	490.29	493.42	485.48	489.73	0.82	ppb
Molybdenum	96-1	583.37	583.30	580.85	582.51	0.25	ppb
Molybdenum	97-1	484.78	488.50	483.36	485.55	0.55	ppb
Molybdenum	98-1	496.64	503.22	502.93	500.93	0.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	105.61	101.90	101.64	103.05	2.15	ppb
Phosphorus	31-2	101.80	-13.82	14.48	34.15	176.46	ppb
Potassium	39-2	1938.97	1886.04	1931.38	1918.80	1.49	ppb
Rhodium	103-1				106		%
Rhodium	103-2				101		%
Scandium	45-1				105		%
Scandium	45-2				97		%
Selenium	77-2	245.48	199.00	301.06	248.51	20.56	ppb
Selenium	78-2	208.96	211.62	228.61	216.39	4.93	ppb
Selenium	82-1	195.54	197.82	195.17	196.18	0.73	ppb
Silicon	28-1	427.92	431.53	423.90	427.78	0.89	ppb
Silver	109-1	97.78	98.87	97.41	98.02	0.77	ppb
Silver	107-1	97.77	100.32	98.44	98.85	1.34	ppb
Sodium	23-2	1999.83	1941.74	1947.04	1962.87	1.64	ppb
Strontium	86-1	487.11	486.99	486.00	486.70	0.12	ppb
Strontium	88-1	489.05	495.96	488.82	491.28	0.83	ppb
Sulfur	34-1	-1981.80	-1963.20	-2071.84	-2005.61		ppb
Terbium	159-1				109		%
Terbium	159-2				103		%
Thallium	203-1	194.10	196.06	191.81	193.99	1.10	ppb
Thallium	205-1	200.93	203.09	196.92	200.31	1.56	ppb
Tin	118-1	510.65	517.52	504.26	510.81	1.30	ppb
Titanium	47-1	492.53	497.60	496.64	495.59	0.54	ppb
Uranium	238-1	572.58	577.64	573.34	574.52	0.47	ppb
Vanadium	51-2	100.30	96.75	96.69	97.91	2.11	ppb
Yttrium	89-1				109		%
Yttrium	89-2				99		%
Zinc	66-2	211.09	204.11	206.66	207.29	1.70	ppb
Zirconium	90-1	511.98	516.29	507.55	511.94	0.85	ppb

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 16:32:20	DataFile Name :	015ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	504.97	510.28	498.47	504.57	1.17	ppb

LB Number : LB93007 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P8
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2018-01-30 16:38:36 DataFile Name : 016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.81	2.07	0.12	0.13	1502.31	ppb
Antimony	121-1	0.18	0.15	0.18	0.17	10.91	ppb
Arsenic	75-2	0.00	0.00	0.02	0.01	173.40	ppb
Barium	135-1	0.00	0.03	0.01	0.01	115.24	ppb
Barium	137-1	0.01	0.01	0.03	0.02	63.18	ppb
Beryllium	9-1	0.28	0.28	0.27	0.28	2.41	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Boron	10-1	11.39	11.26	11.55	11.40	1.29	ppb
Boron	11-1	12.72	11.82	10.57	11.71	9.21	ppb
Cadmium	111-1	-0.01	-0.01	0.08	0.02	252.13	ppb
Cadmium	106-1	-0.43	-0.06	0.83	0.11	564.13	ppb
Cadmium	108-1	0.14	0.13	0.13	0.13	4.81	ppb
Calcium	43-1	-7.88	-19.10	-25.99	-17.66		ppb
Calcium	44-1	-2.80	-6.19	-10.01	-6.33		ppb
Chromium	52-2	-0.04	-0.07	0.06	-0.02		ppb
Cobalt	59-2	0.00	0.01	0.02	0.01	120.53	ppb
Copper	63-2	0.01	0.02	-0.01	0.01	313.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	56-2	1.82	1.39	2.32	1.84	25.44	ppb
Iron	57-2	2.94	5.72	3.48	4.04	36.40	ppb
Lead	206-1	0.05	0.02	0.03	0.03	50.97	ppb
Lead	207-1	0.06	0.06	0.04	0.05	13.35	ppb
Lead	208-1	0.05	0.04	0.04	0.04	16.05	ppb
Lithium	6-1				104		%
Magnesium	24-2	-7.94	-1.57	-5.04	-4.85		ppb
Manganese	55-2	-0.02	-0.10	-0.06	-0.06		ppb

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 16:38:36	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.06	-0.01	0.04	0.03	111.77	ppb
Molybdenum	95-1	0.04	0.02	0.05	0.04	30.67	ppb
Molybdenum	96-1	0.00	0.01	0.04	0.02	102.26	ppb
Molybdenum	97-1	0.07	0.02	0.05	0.05	52.89	ppb
Molybdenum	98-1	0.01	0.04	0.03	0.03	45.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.97	-0.70	-0.98	-0.88		ppb
Phosphorus	31-2	-13.82	-13.82	43.32	5.23	630.81	ppb
Potassium	39-2	6.67	-8.68	2.62	0.20	3951.12	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				97		%
Selenium	77-2	-2.21	4.52	-2.21	0.03	11304.29	ppb
Selenium	78-2	2.95	3.01	-0.98	1.66	137.93	ppb
Selenium	82-1	0.13	-0.30	-0.96	-0.38		ppb
Silicon	28-1	-2.39	-15.74	-15.00	-11.04		ppb
Silver	109-1	0.01	0.02	0.03	0.02	43.58	ppb
Silver	107-1	0.01	0.01	0.02	0.01	15.72	ppb
Sodium	23-2	15.73	15.41	28.25	19.80	36.99	ppb
Strontium	86-1	0.13	0.00	0.03	0.05	125.18	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	67.97	ppb
Sulfur	34-1	-332.14	-1931.18	-2026.27	-1429.87		ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	0.08	0.06	0.07	0.07	13.14	ppb
Thallium	205-1	0.08	0.06	0.06	0.07	18.65	ppb
Tin	118-1	0.02	-0.03	0.04	0.01	355.23	ppb
Titanium	47-1	-0.01	-0.02	-0.02	-0.02		ppb
Uranium	238-1	0.00	0.00	0.01	0.01	57.47	ppb
Vanadium	51-2	0.01	-0.02	0.01	0.00	1949.93	ppb
Yttrium	89-1				105		%
Yttrium	89-2				100		%
Zinc	66-2	-0.35	-0.39	-0.32	-0.35		ppb
Zirconium	90-1	0.00	0.02	0.02	0.02	64.94	ppb

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 16:38:36	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.00	0.01	0.01	85.61	ppb

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 16:42:35	DataFile Name :	017ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89123.20	89697.19	90203.05	89674.48	0.60	ppb
Antimony	121-1	1.16	1.13	1.12	1.14	1.87	ppb
Arsenic	75-2	0.14	0.24	0.31	0.23	37.42	ppb
Barium	135-1	1.33	1.50	1.60	1.47	9.01	ppb
Barium	137-1	1.61	1.37	1.47	1.48	8.11	ppb
Beryllium	9-1	0.42	0.42	0.44	0.43	2.67	ppb
Bismuth	209-1				105		%
Bismuth	209-2				99		%
Boron	10-1	11.32	11.25	10.27	10.95	5.36	ppb
Boron	11-1	11.61	12.11	10.75	11.49	6.00	ppb
Cadmium	111-1	0.44	0.23	0.27	0.31	34.94	ppb
Cadmium	106-1	0.58	0.82	-0.46	0.31	217.34	ppb
Cadmium	108-1	6.37	7.29	7.13	6.93	7.06	ppb
Calcium	43-1	95116.38	95780.47	96755.74	95884.19	0.86	ppb
Calcium	44-1	94185.35	94509.70	95261.95	94652.33	0.58	ppb
Chromium	52-2	19.72	19.24	19.56	19.51	1.25	ppb
Cobalt	59-2	1.15	1.28	1.18	1.20	5.53	ppb
Copper	63-2	7.60	7.78	7.14	7.50	4.40	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				109		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				99		%
Iron	56-2	96526.48	98442.07	99041.91	98003.49	1.34	ppb
Iron	57-2	94625.28	96163.56	97289.45	96026.10	1.39	ppb
Lead	206-1	4.86	4.78	4.79	4.81	0.90	ppb
Lead	207-1	4.28	4.01	4.07	4.12	3.38	ppb
Lead	208-1	4.48	4.41	4.42	4.43	0.90	ppb
Lithium	6-1				100		%
Magnesium	24-2	97386.40	99134.40	99513.53	98678.11	1.15	ppb
Manganese	55-2	7.12	7.23	8.04	7.47	6.73	ppb

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 16:42:35	DataFile Name :	017ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1326.35	1319.41	1315.93	1320.56	0.40	ppb
Molybdenum	95-1	1882.46	1893.62	1897.13	1891.07	0.41	ppb
Molybdenum	96-1	1811.38	1822.85	1818.87	1817.70	0.32	ppb
Molybdenum	97-1	1899.43	1902.36	1884.38	1895.39	0.51	ppb
Molybdenum	98-1	1889.12	1884.24	1859.28	1877.54	0.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.48	4.48	4.50	4.49	0.19	ppb
Phosphorus	31-2	99266.36	96593.17	98949.27	98269.60	1.49	ppb
Potassium	39-2	94618.63	95249.26	96548.68	95472.19	1.03	ppb
Rhodium	103-1				102		%
Rhodium	103-2				98		%
Scandium	45-1				105		%
Scandium	45-2				97		%
Selenium	77-2	-2.21	-2.21	-2.21	-2.21		ppb
Selenium	78-2	-0.98	0.00	-0.98	-0.65		ppb
Selenium	82-1	0.63	0.71	0.07	0.47	74.17	ppb
Silicon	28-1	21.11	21.12	21.83	21.35	1.92	ppb
Silver	109-1	0.06	0.07	0.07	0.07	5.24	ppb
Silver	107-1	0.07	0.08	0.08	0.08	4.40	ppb
Sodium	23-2	95600.85	96117.19	98569.91	96762.65	1.64	ppb
Strontium	86-1	32.59	32.33	32.52	32.48	0.42	ppb
Strontium	88-1	33.02	32.37	32.39	32.60	1.14	ppb
Sulfur	34-1	93396.12	93091.90	91603.78	92697.27	1.03	ppb
Terbium	159-1				108		%
Terbium	159-2				103		%
Thallium	203-1	0.18	0.18	0.22	0.19	9.77	ppb
Thallium	205-1	0.18	0.19	0.20	0.19	5.19	ppb
Tin	118-1	0.13	0.08	0.13	0.11	24.40	ppb
Titanium	47-1	1972.33	1965.37	1939.21	1958.97	0.89	ppb
Uranium	238-1	0.03	0.02	0.02	0.02	17.41	ppb
Vanadium	51-2	0.10	0.15	0.16	0.13	24.06	ppb
Yttrium	89-1				109		%
Yttrium	89-2				100		%
Zinc	66-2	10.18	11.56	11.31	11.02	6.67	ppb
Zirconium	90-1	0.03	0.06	0.05	0.05	30.16	ppb

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 16:42:35	DataFile Name :	017ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.04	0.04	0.04	14.24	ppb

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 16:45:43	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	88421.23	86247.05	89710.09	88126.12	1.99	ppb
Antimony	121-1	21.00	20.27	20.35	20.54	1.94	ppb
Arsenic	75-2	21.41	20.48	19.53	20.47	4.58	ppb
Barium	135-1	21.47	21.18	21.76	21.47	1.36	ppb
Barium	137-1	21.62	21.24	21.27	21.38	1.00	ppb
Beryllium	9-1	20.77	20.98	20.94	20.90	0.55	ppb
Bismuth	209-1				105		%
Bismuth	209-2				98		%
Boron	10-1	110.49	112.37	115.16	112.67	2.09	ppb
Boron	11-1	112.06	110.65	118.49	113.73	3.67	ppb
Cadmium	111-1	20.24	20.15	20.43	20.27	0.71	ppb
Cadmium	106-1	32.82	33.39	27.77	31.33	9.87	ppb
Cadmium	108-1	34.04	30.04	31.38	31.82	6.40	ppb
Calcium	43-1	96070.53	96779.72	99390.44	97413.56	1.79	ppb
Calcium	44-1	95490.18	95619.81	96170.69	95760.23	0.38	ppb
Chromium	52-2	38.98	38.67	40.07	39.24	1.88	ppb
Cobalt	59-2	21.10	20.98	21.15	21.08	0.42	ppb
Copper	63-2	26.69	26.59	27.88	27.05	2.66	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				109		%
Holmium	165-2				103		%
Indium	115-1				105		%
Indium	115-2				97		%
Iron	56-2	96047.86	96198.47	98166.41	96804.25	1.22	ppb
Iron	57-2	94559.97	93787.14	96162.72	94836.61	1.28	ppb
Lead	206-1	25.02	24.46	24.77	24.75	1.13	ppb
Lead	207-1	22.23	22.62	22.36	22.40	0.88	ppb
Lead	208-1	23.55	23.37	23.38	23.43	0.43	ppb
Lithium	6-1				99		%
Magnesium	24-2	96575.43	94526.19	97306.67	96136.10	1.50	ppb
Manganese	55-2	26.00	26.82	26.81	26.54	1.78	ppb

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 16:45:43	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1568.61	1547.80	1560.50	1558.97	0.67	ppb
Molybdenum	95-1	2019.98	1989.64	2008.41	2006.01	0.76	ppb
Molybdenum	96-1	1956.49	1929.33	1936.71	1940.84	0.72	ppb
Molybdenum	97-1	2015.50	2003.76	2019.88	2013.05	0.41	ppb
Molybdenum	98-1	2001.97	1973.41	1975.82	1983.73	0.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.13	22.84	23.62	23.20	1.69	ppb
Phosphorus	31-2	99087.04	94404.78	99200.17	97564.00	2.80	ppb
Potassium	39-2	93728.29	92663.87	95142.70	93844.95	1.33	ppb
Rhodium	103-1				101		%
Rhodium	103-2				97		%
Scandium	45-1				103		%
Scandium	45-2				96		%
Selenium	77-2	18.09	11.44	32.02	20.52	51.20	ppb
Selenium	78-2	21.07	15.18	30.45	22.23	34.64	ppb
Selenium	82-1	19.88	17.99	19.34	19.07	5.08	ppb
Silicon	28-1	116.98	115.14	116.22	116.11	0.80	ppb
Silver	109-1	18.99	18.22	18.57	18.60	2.08	ppb
Silver	107-1	18.63	18.55	18.08	18.42	1.61	ppb
Sodium	23-2	93810.42	93619.81	95869.18	94433.14	1.32	ppb
Strontium	86-1	133.26	130.15	131.75	131.72	1.18	ppb
Strontium	88-1	134.43	133.28	133.30	133.67	0.49	ppb
Sulfur	34-1	92978.24	92474.49	92911.37	92788.03	0.29	ppb
Terbium	159-1				108		%
Terbium	159-2				103		%
Thallium	203-1	20.65	19.71	19.96	20.11	2.41	ppb
Thallium	205-1	20.41	19.96	20.05	20.14	1.18	ppb
Tin	118-1	100.54	99.04	99.24	99.61	0.82	ppb
Titanium	47-1	2085.94	2078.03	2068.60	2077.52	0.42	ppb
Uranium	238-1	101.56	101.55	100.79	101.30	0.44	ppb
Vanadium	51-2	19.30	20.03	19.74	19.69	1.85	ppb
Yttrium	89-1				109		%
Yttrium	89-2				98		%
Zinc	66-2	29.03	28.31	29.26	28.87	1.72	ppb
Zirconium	90-1	105.48	103.09	103.40	103.99	1.25	ppb

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 16:45:43	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	103.71	102.94	103.08	103.24	0.40	ppb

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	CCV052	Instrumnet Name :	P8
Client Sample ID :	CCV052	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 16:48:50	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49448.60	49393.04	49246.59	49362.74	0.21	ppb
Antimony	121-1	501.90	502.86	499.73	501.50	0.32	ppb
Arsenic	75-2	502.62	521.45	510.22	511.43	1.85	ppb
Barium	135-1	2513.23	2517.78	2509.62	2513.54	0.16	ppb
Barium	137-1	2506.31	2506.45	2491.41	2501.39	0.35	ppb
Beryllium	9-1	511.57	512.56	505.92	510.02	0.70	ppb
Bismuth	209-1				105		%
Bismuth	209-2				96		%
Boron	10-1	488.70	497.49	518.42	501.54	3.04	ppb
Boron	11-1	491.90	508.66	518.35	506.30	2.64	ppb
Cadmium	111-1	487.67	485.43	488.26	487.12	0.31	ppb
Cadmium	106-1	487.12	498.40	488.77	491.43	1.24	ppb
Cadmium	108-1	493.16	482.54	500.87	492.19	1.87	ppb
Calcium	43-1	248215.61	247960.83	246135.83	247437.42	0.46	ppb
Calcium	44-1	242614.27	244411.61	242431.09	243152.32	0.45	ppb
Chromium	52-2	519.04	519.32	515.37	517.91	0.43	ppb
Cobalt	59-2	502.21	505.62	503.54	503.79	0.34	ppb
Copper	63-2	978.18	977.04	977.32	977.52	0.06	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				109		%
Holmium	165-2				101		%
Indium	115-1				104		%
Indium	115-2				94		%
Iron	56-2	122455.20	123273.66	122122.71	122617.19	0.48	ppb
Iron	57-2	121041.92	120988.61	120697.54	120909.36	0.15	ppb
Lead	206-1	506.98	510.16	512.64	509.93	0.56	ppb
Lead	207-1	508.57	509.26	507.31	508.38	0.19	ppb
Lead	208-1	507.69	509.06	509.26	508.67	0.17	ppb
Lithium	6-1				99		%
Magnesium	24-2	248970.86	246944.91	246774.03	247563.27	0.49	ppb
Manganese	55-2	1005.14	1013.30	1013.82	1010.75	0.48	ppb

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	CCV052	Instrumnet Name :	P8
Client Sample ID :	CCV052	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 16:48:50	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2507.50	2554.14	2542.93	2534.86	0.96	ppb
Molybdenum	95-1	2494.94	2547.03	2534.54	2525.50	1.08	ppb
Molybdenum	96-1	2487.43	2546.92	2525.57	2519.97	1.20	ppb
Molybdenum	97-1	2490.53	2556.74	2497.99	2515.09	1.44	ppb
Molybdenum	98-1	2468.12	2543.76	2508.98	2506.95	1.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	501.08	504.27	502.46	502.60	0.32	ppb
Phosphorus	31-2	11493.91	11052.01	10524.64	11023.52	4.40	ppb
Potassium	39-2	125887.95	123633.10	122202.81	123907.95	1.50	ppb
Rhodium	103-1				99		%
Rhodium	103-2				94		%
Scandium	45-1				102		%
Scandium	45-2				94		%
Selenium	77-2	518.28	537.91	550.50	535.56	3.03	ppb
Selenium	78-2	471.73	496.93	551.36	506.67	8.03	ppb
Selenium	82-1	493.46	498.38	495.55	495.79	0.50	ppb
Silicon	28-1	504.25	513.47	517.57	511.77	1.33	ppb
Silver	109-1	493.59	493.52	494.03	493.71	0.06	ppb
Silver	107-1	495.15	493.82	485.15	491.37	1.11	ppb
Sodium	23-2	247633.77	245383.94	246818.71	246612.14	0.46	ppb
Strontium	86-1	508.70	511.06	513.21	510.99	0.44	ppb
Strontium	88-1	508.15	512.19	518.31	512.89	1.00	ppb
Sulfur	34-1	8963.34	9229.12	8889.14	9027.20	1.98	ppb
Terbium	159-1				108		%
Terbium	159-2				101		%
Thallium	203-1	511.11	507.42	511.05	509.86	0.42	ppb
Thallium	205-1	502.10	505.77	506.89	504.92	0.50	ppb
Tin	118-1	498.47	504.06	501.59	501.37	0.56	ppb
Titanium	47-1	2515.19	2532.24	2518.54	2521.99	0.36	ppb
Uranium	238-1	510.04	513.17	506.17	509.79	0.69	ppb
Vanadium	51-2	514.67	512.34	511.96	512.99	0.29	ppb
Yttrium	89-1				107		%
Yttrium	89-2				96		%
Zinc	66-2	988.50	995.23	1002.06	995.27	0.68	ppb
Zirconium	90-1	498.12	509.02	510.68	505.94	1.35	ppb

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	CCV052	Instrumnet Name :	P8
Client Sample ID :	CCV052	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 16:48:50	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	488.34	500.36	496.28	494.99	1.23	ppb

LB Number : LB93007 Operator : Jaswal
 Lab Sample ID : CCB052 Instrumnet Name : P8
 Client Sample ID : CCB052 Dilution Factor : 1
 Date & Time Acquired :: 2018-01-30 16:55:53 DataFile Name : 020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.27	-1.72	2.29	0.28	712.87	ppb
Antimony	121-1	0.27	0.29	0.27	0.28	5.51	ppb
Arsenic	75-2	0.05	0.03	0.05	0.04	32.61	ppb
Barium	135-1	-0.02	0.00	-0.01	-0.01		ppb
Barium	137-1	0.03	0.01	0.01	0.02	56.18	ppb
Beryllium	9-1	0.27	0.15	0.22	0.21	28.23	ppb
Bismuth	209-1				106		%
Bismuth	209-2				101		%
Boron	10-1	10.77	9.47	10.25	10.16	6.44	ppb
Boron	11-1	10.50	10.18	10.61	10.43	2.10	ppb
Cadmium	111-1	0.01	0.04	-0.01	0.01	265.29	ppb
Cadmium	106-1	-0.13	0.10	-0.36	-0.13		ppb
Cadmium	108-1	0.09	0.04	0.09	0.07	35.58	ppb
Calcium	43-1	-27.07	-22.87	-12.17	-20.71		ppb
Calcium	44-1	-3.57	-2.26	-6.25	-4.03		ppb
Chromium	52-2	0.11	0.03	-0.04	0.03	210.14	ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	0.03	0.05	0.08	0.05	50.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	56-2	4.36	3.64	5.06	4.35	16.24	ppb
Iron	57-2	3.20	6.19	7.25	5.54	37.88	ppb
Lead	206-1	0.10	0.06	0.07	0.08	28.45	ppb
Lead	207-1	0.09	0.09	0.09	0.09	2.59	ppb
Lead	208-1	0.09	0.08	0.08	0.08	9.11	ppb
Lithium	6-1				100		%
Magnesium	24-2	-2.19	-1.43	0.05	-1.19		ppb
Manganese	55-2	0.03	-0.07	-0.01	-0.02		ppb

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	CCB052	Instrumnet Name :	P8
Client Sample ID :	CCB052	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 16:55:53	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.04	0.03	0.09	0.05	62.79	ppb
Molybdenum	95-1	0.05	0.06	0.04	0.05	13.89	ppb
Molybdenum	96-1	0.05	0.06	0.08	0.06	22.75	ppb
Molybdenum	97-1	0.03	0.08	0.05	0.05	41.51	ppb
Molybdenum	98-1	0.06	0.05	0.06	0.06	10.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.58	-0.35	-0.52	-0.49		ppb
Phosphorus	31-2	-13.82	16.14	45.58	15.97	186.01	ppb
Potassium	39-2	6.21	42.95	5.72	18.29	116.74	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				98		%
Scandium	45-2				93		%
Selenium	77-2	-2.21	-2.21	-2.21	-2.21		ppb
Selenium	78-2	-0.98	2.16	2.07	1.08	165.56	ppb
Selenium	82-1	-0.52	0.41	-0.26	-0.12		ppb
Silicon	28-1	-14.41	-12.14	-8.67	-11.74		ppb
Silver	109-1	0.03	0.03	0.05	0.04	29.15	ppb
Silver	107-1	0.03	0.03	0.02	0.03	26.74	ppb
Sodium	23-2	38.56	29.00	40.07	35.88	16.73	ppb
Strontium	86-1	0.10	-0.03	0.00	0.02	318.90	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-1673.62	-1235.91	-841.96	-1250.50		ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	0.12	0.09	0.11	0.11	12.70	ppb
Thallium	205-1	0.10	0.09	0.11	0.10	11.20	ppb
Tin	118-1	-0.01	-0.01	-0.01	-0.01		ppb
Titanium	47-1	-0.01	0.05	0.04	0.03	121.72	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	107.45	ppb
Vanadium	51-2	-0.02	0.00	0.01	-0.01		ppb
Yttrium	89-1				104		%
Yttrium	89-2				96		%
Zinc	66-2	-0.31	-0.14	-0.18	-0.21		ppb
Zirconium	90-1	0.02	0.02	0.01	0.02	22.36	ppb

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	CCB052	Instrumnet Name :	P8
Client Sample ID :	CCB052	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 16:55:53	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.02	0.01	0.03	0.01	299.76	ppb

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 16:59:04	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25.79	31.71	9.74	22.42	50.73	ppb
Antimony	121-1	1.85	1.90	1.87	1.87	1.45	ppb
Arsenic	75-2	0.74	0.97	0.70	0.80	18.10	ppb
Barium	135-1	8.79	9.15	8.88	8.94	2.12	ppb
Barium	137-1	9.18	9.39	8.88	9.15	2.78	ppb
Beryllium	9-1	0.99	0.99	1.26	1.08	14.37	ppb
Bismuth	209-1				110		%
Bismuth	209-2				104		%
Boron	10-1	28.14	29.68	30.09	29.30	3.52	ppb
Boron	11-1	25.96	28.67	29.42	28.02	6.48	ppb
Cadmium	111-1	1.05	0.88	0.98	0.97	8.50	ppb
Cadmium	106-1	1.92	1.46	0.85	1.41	38.12	ppb
Cadmium	108-1	0.88	1.62	1.52	1.34	29.91	ppb
Calcium	43-1	446.96	455.75	426.40	443.04	3.40	ppb
Calcium	44-1	431.83	449.36	425.51	435.57	2.84	ppb
Chromium	52-2	2.03	1.98	1.99	2.00	1.40	ppb
Cobalt	59-2	0.96	0.96	0.88	0.93	5.19	ppb
Copper	63-2	1.87	1.92	1.91	1.90	1.49	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				108		%
Holmium	165-2				104		%
Indium	115-1				107		%
Indium	115-2				101		%
Iron	56-2	50.04	50.74	48.28	49.69	2.54	ppb
Iron	57-2	57.88	57.90	39.37	51.72	20.67	ppb
Lead	206-1	0.94	1.00	0.91	0.95	4.96	ppb
Lead	207-1	0.96	0.99	0.92	0.96	3.47	ppb
Lead	208-1	0.96	0.99	0.92	0.96	3.49	ppb
Lithium	6-1				104		%
Magnesium	24-2	443.53	434.17	454.24	443.98	2.26	ppb
Manganese	55-2	1.09	0.80	1.09	0.99	17.06	ppb

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 16:59:04	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.14	4.48	4.66	4.42	5.99	ppb
Molybdenum	95-1	4.51	4.74	4.26	4.50	5.36	ppb
Molybdenum	96-1	4.54	4.70	4.46	4.56	2.68	ppb
Molybdenum	97-1	4.18	4.42	4.14	4.25	3.54	ppb
Molybdenum	98-1	4.44	4.52	4.44	4.46	1.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.70	0.67	0.64	0.67	4.72	ppb
Phosphorus	31-2	44.35	-13.82	14.61	15.05	193.30	ppb
Potassium	39-2	438.21	452.46	448.77	446.48	1.66	ppb
Rhodium	103-1				105		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				96		%
Selenium	77-2	-2.21	-2.21	4.55	0.04	9150.39	ppb
Selenium	78-2	4.96	2.03	6.03	4.34	47.61	ppb
Selenium	82-1	4.40	4.53	4.63	4.52	2.46	ppb
Silicon	28-1	-3.82	2.09	-6.61	-2.78		ppb
Silver	109-1	0.94	0.93	0.91	0.93	1.82	ppb
Silver	107-1	0.94	1.00	0.91	0.95	5.05	ppb
Sodium	23-2	484.21	483.72	451.76	473.23	3.93	ppb
Strontium	86-1	0.78	0.94	0.93	0.88	10.08	ppb
Strontium	88-1	0.92	0.90	0.88	0.90	2.14	ppb
Sulfur	34-1	-1909.62	-1121.44	-1766.16	-1599.08		ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	0.89	1.05	0.93	0.95	8.70	ppb
Thallium	205-1	0.98	0.97	0.93	0.96	2.90	ppb
Tin	118-1	4.68	4.91	4.78	4.79	2.43	ppb
Titanium	47-1	4.74	4.94	4.46	4.71	5.15	ppb
Uranium	238-1	0.82	0.87	0.83	0.84	3.22	ppb
Vanadium	51-2	4.55	4.07	4.13	4.25	6.22	ppb
Yttrium	89-1				108		%
Yttrium	89-2				99		%
Zinc	66-2	1.76	2.00	1.64	1.80	10.04	ppb
Zirconium	90-1	0.91	0.96	0.91	0.93	3.25	ppb

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 16:59:04	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.73	1.01	0.95	0.89	16.43	ppb

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	J1227-18ADLX2	Instrumnet Name :	P8
Client Sample ID :	MF6B16A	Dilution Factor :	2
Date & Time Acquired ::	2018-01-30 17:02:15	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9874.42	9878.33	9779.77	9844.17	0.57	ppb
Antimony	121-1	0.16	0.14	0.16	0.16	9.03	ppb
Arsenic	75-2	30.13	30.91	31.62	30.88	2.41	ppb
Barium	135-1	720.17	716.10	719.41	718.56	0.30	ppb
Barium	137-1	743.45	733.29	745.09	740.61	0.86	ppb
Beryllium	9-1	1.53	1.25	1.40	1.39	10.08	ppb
Bismuth	209-1				112		%
Bismuth	209-2				104		%
Boron	10-1	10.98	7.23	9.20	9.13	20.55	ppb
Boron	11-1	9.50	10.04	9.98	9.84	3.03	ppb
Cadmium	111-1	0.07	0.18	0.17	0.14	41.65	ppb
Cadmium	106-1	-0.53	1.29	0.88	0.55	174.02	ppb
Cadmium	108-1	0.29	0.33	0.12	0.25	43.64	ppb
Calcium	43-1	5545.83	5517.13	5593.81	5552.26	0.70	ppb
Calcium	44-1	5495.48	5450.79	5500.35	5482.20	0.50	ppb
Chromium	52-2	18.12	17.82	18.01	17.98	0.84	ppb
Cobalt	59-2	15.94	15.74	15.79	15.83	0.67	ppb
Copper	63-2	25.80	26.27	26.31	26.13	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				111		%
Holmium	165-2				105		%
Indium	115-1				109		%
Indium	115-2				101		%
Iron	56-2	23011.58	22914.39	22643.88	22856.62	0.83	ppb
Iron	57-2	22199.66	22602.10	22435.85	22412.54	0.90	ppb
Lead	206-1	22.73	22.78	22.41	22.64	0.89	ppb
Lead	207-1	20.36	20.42	20.07	20.28	0.93	ppb
Lead	208-1	21.63	21.51	21.26	21.47	0.90	ppb
Lithium	6-1				105		%
Magnesium	24-2	6166.23	6203.96	6048.91	6139.70	1.32	ppb
Manganese	55-2	1551.10	1568.72	1552.91	1557.58	0.62	ppb

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	J1227-18ADLX2	Instrumnet Name :	P8
Client Sample ID :	MF6B16A	Dilution Factor :	2
Date & Time Acquired ::	2018-01-30 17:02:15	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.83	1.96	1.97	1.92	4.22	ppb
Molybdenum	95-1	0.77	0.69	0.76	0.74	5.72	ppb
Molybdenum	96-1	0.97	0.89	0.97	0.94	5.15	ppb
Molybdenum	97-1	0.82	0.75	0.65	0.74	11.35	ppb
Molybdenum	98-1	0.75	0.79	0.64	0.73	10.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	34.00	33.29	34.00	33.76	1.22	ppb
Phosphorus	31-2	851.77	506.89	559.98	639.55	29.04	ppb
Potassium	39-2	1163.64	1106.55	1146.96	1139.05	2.58	ppb
Rhodium	103-1				106		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				96		%
Selenium	77-2	41.88	54.30	129.54	75.24	63.05	ppb
Selenium	78-2	12.08	17.62	21.32	17.01	27.34	ppb
Selenium	82-1	9.85	9.68	9.74	9.76	0.87	ppb
Silicon	28-1	3320.40	3227.86	3300.75	3283.00	1.49	ppb
Silver	109-1	0.06	0.06	0.08	0.06	16.31	ppb
Silver	107-1	0.05	0.08	0.08	0.07	22.32	ppb
Sodium	23-2	341.07	313.26	339.69	331.34	4.73	ppb
Strontium	86-1	34.60	33.98	33.32	33.97	1.89	ppb
Strontium	88-1	35.13	34.53	34.63	34.76	0.93	ppb
Sulfur	34-1	-2574.90	-3101.29	-2993.59	-2889.92		ppb
Terbium	159-1				110		%
Terbium	159-2				104		%
Thallium	203-1	0.34	0.36	0.39	0.37	6.74	ppb
Thallium	205-1	0.38	0.38	0.37	0.37	2.13	ppb
Tin	118-1	0.41	0.25	0.38	0.35	24.24	ppb
Titanium	47-1	20.01	19.76	19.89	19.88	0.63	ppb
Uranium	238-1	0.61	0.61	0.62	0.61	0.33	ppb
Vanadium	51-2	37.51	36.97	36.58	37.02	1.27	ppb
Yttrium	89-1				116		%
Yttrium	89-2				106		%
Zinc	66-2	66.99	67.90	65.63	66.84	1.71	ppb
Zirconium	90-1	0.90	0.89	0.91	0.90	1.07	ppb

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	J1227-18ADLX2	Instrumnet Name :	P8
Client Sample ID :	MF6B16A	Dilution Factor :	2
Date & Time Acquired ::	2018-01-30 17:02:15	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.99	0.93	0.83	0.92	9.19	ppb

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	J1278-20A	Instrumnet Name :	P8
Client Sample ID :	MF6C36A	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 17:05:25	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10520.13	10494.51	10484.45	10499.69	0.18	ppb
Antimony	121-1	0.17	0.17	0.17	0.17	1.62	ppb
Arsenic	75-2	4.49	4.54	4.21	4.41	4.10	ppb
Barium	135-1	302.38	299.12	297.25	299.58	0.87	ppb
Barium	137-1	305.55	302.77	300.88	303.07	0.78	ppb
Beryllium	9-1	1.02	1.08	0.95	1.02	6.07	ppb
Bismuth	209-1				111		%
Bismuth	209-2				104		%
Boron	10-1	11.86	10.56	10.67	11.03	6.50	ppb
Boron	11-1	10.73	12.00	11.17	11.30	5.71	ppb
Cadmium	111-1	0.26	0.22	0.24	0.24	9.26	ppb
Cadmium	106-1	1.32	0.84	1.25	1.13	22.89	ppb
Cadmium	108-1	0.57	0.41	0.48	0.49	16.97	ppb
Calcium	43-1	34065.76	34097.89	33929.59	34031.08	0.26	ppb
Calcium	44-1	33776.99	33522.47	33976.40	33758.62	0.67	ppb
Chromium	52-2	19.48	18.56	18.06	18.70	3.86	ppb
Cobalt	59-2	10.27	10.26	10.34	10.29	0.44	ppb
Copper	63-2	18.20	17.40	17.00	17.53	3.51	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				111		%
Holmium	165-2				106		%
Indium	115-1				108		%
Indium	115-2				99		%
Iron	56-2	18615.71	18624.97	18438.30	18559.66	0.57	ppb
Iron	57-2	18305.47	18154.59	18377.06	18279.04	0.62	ppb
Lead	206-1	22.96	22.91	22.77	22.88	0.44	ppb
Lead	207-1	21.29	21.37	21.53	21.40	0.56	ppb
Lead	208-1	22.37	22.19	22.20	22.26	0.46	ppb
Lithium	6-1				103		%
Magnesium	24-2	13975.13	13935.53	13789.74	13900.13	0.70	ppb
Manganese	55-2	528.75	527.00	525.50	527.08	0.31	ppb

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	J1278-20A	Instrumnet Name :	P8
Client Sample ID :	MF6C36A	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 17:05:25	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	3.20	2.95	2.89	3.01	5.51	ppb
Molybdenum	95-1	0.10	0.11	0.13	0.11	11.55	ppb
Molybdenum	96-1	0.46	0.47	0.52	0.48	6.57	ppb
Molybdenum	97-1	0.05	0.09	0.10	0.08	31.07	ppb
Molybdenum	98-1	0.11	0.08	0.09	0.10	13.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.99	27.32	26.18	26.83	2.17	ppb
Phosphorus	31-2	856.38	769.36	1049.23	891.66	16.06	ppb
Potassium	39-2	1742.72	1704.29	1758.84	1735.28	1.62	ppb
Rhodium	103-1				105		%
Rhodium	103-2				102		%
Scandium	45-1				105		%
Scandium	45-2				96		%
Selenium	77-2	120.08	42.87	56.20	73.05	56.50	ppb
Selenium	78-2	4.74	8.56	11.51	8.27	41.08	ppb
Selenium	82-1	0.15	-0.69	-0.13	-0.22		ppb
Silicon	28-1	5287.55	5292.76	5377.85	5319.39	0.95	ppb
Silver	109-1	0.13	0.15	0.12	0.13	10.65	ppb
Silver	107-1	0.10	0.14	0.17	0.14	25.43	ppb
Sodium	23-2	298.72	323.38	313.35	311.81	3.98	ppb
Strontium	86-1	62.91	62.80	63.82	63.17	0.89	ppb
Strontium	88-1	63.70	63.80	63.92	63.81	0.17	ppb
Sulfur	34-1	-3293.56	-3419.66	-3216.19	-3309.80		ppb
Terbium	159-1				111		%
Terbium	159-2				105		%
Thallium	203-1	0.40	0.42	0.39	0.41	3.07	ppb
Thallium	205-1	0.46	0.45	0.47	0.46	1.54	ppb
Tin	118-1	0.52	0.46	0.58	0.52	11.41	ppb
Titanium	47-1	80.49	82.81	82.09	81.80	1.46	ppb
Uranium	238-1	1.04	1.09	1.09	1.07	2.58	ppb
Vanadium	51-2	23.16	22.15	21.86	22.39	3.05	ppb
Yttrium	89-1				116		%
Yttrium	89-2				104		%
Zinc	66-2	61.91	58.08	57.15	59.05	4.28	ppb
Zirconium	90-1	1.88	1.86	1.86	1.87	0.85	ppb

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	J1278-20A	Instrumnet Name :	P8
Client Sample ID :	MF6C36A	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 17:05:25	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.91	1.67	2.04	1.87	10.15	ppb

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	CCV053	Instrumnet Name :	P8
Client Sample ID :	CCV053	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 17:08:35	DataFile Name :	024CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48591.88	49729.48	50167.10	49496.15	1.64	ppb
Antimony	121-1	498.40	499.06	499.39	498.95	0.10	ppb
Arsenic	75-2	505.96	496.29	506.24	502.83	1.13	ppb
Barium	135-1	2532.51	2524.80	2504.35	2520.56	0.58	ppb
Barium	137-1	2514.74	2526.42	2497.69	2512.95	0.57	ppb
Beryllium	9-1	506.98	506.84	508.45	507.42	0.18	ppb
Bismuth	209-1				106		%
Bismuth	209-2				99		%
Boron	10-1	478.62	498.68	502.22	493.18	2.58	ppb
Boron	11-1	486.20	504.40	509.44	500.01	2.45	ppb
Cadmium	111-1	485.44	487.01	479.26	483.90	0.85	ppb
Cadmium	106-1	484.46	488.24	481.22	484.64	0.73	ppb
Cadmium	108-1	492.55	486.82	481.30	486.89	1.15	ppb
Calcium	43-1	250221.02	246178.42	246768.76	247722.74	0.88	ppb
Calcium	44-1	243370.28	243128.81	242880.74	243126.61	0.10	ppb
Chromium	52-2	509.28	515.33	526.79	517.13	1.72	ppb
Cobalt	59-2	497.55	504.07	509.58	503.73	1.20	ppb
Copper	63-2	964.66	980.67	986.21	977.18	1.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				96		%
Iron	56-2	120403.23	122638.73	124054.84	122365.60	1.50	ppb
Iron	57-2	118600.57	120779.49	121757.48	120379.18	1.34	ppb
Lead	206-1	513.66	509.07	502.36	508.36	1.12	ppb
Lead	207-1	510.27	509.43	507.44	509.05	0.29	ppb
Lead	208-1	509.92	509.34	503.40	507.55	0.71	ppb
Lithium	6-1				101		%
Magnesium	24-2	244750.25	245845.80	253108.16	247901.40	1.83	ppb
Manganese	55-2	993.40	1007.75	1031.29	1010.81	1.89	ppb

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	CCV053	Instrumnet Name :	P8
Client Sample ID :	CCV053	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 17:08:35	DataFile Name :	024CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2513.06	2557.69	2511.50	2527.42	1.04	ppb
Molybdenum	95-1	2502.96	2543.00	2486.31	2510.75	1.16	ppb
Molybdenum	96-1	2509.39	2531.75	2503.68	2514.94	0.59	ppb
Molybdenum	97-1	2553.55	2546.54	2518.84	2539.64	0.72	ppb
Molybdenum	98-1	2526.53	2538.29	2486.16	2516.99	1.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	497.43	505.94	507.80	503.72	1.10	ppb
Phosphorus	31-2	10821.80	9797.75	9961.32	10193.62	5.40	ppb
Potassium	39-2	121407.47	122465.72	123690.91	122521.37	0.93	ppb
Rhodium	103-1				100		%
Rhodium	103-2				96		%
Scandium	45-1				103		%
Scandium	45-2				95		%
Selenium	77-2	570.89	546.53	481.30	532.91	8.69	ppb
Selenium	78-2	518.44	500.73	504.38	507.85	1.84	ppb
Selenium	82-1	491.11	498.29	485.90	491.77	1.27	ppb
Silicon	28-1	497.42	498.12	503.25	499.60	0.64	ppb
Silver	109-1	493.38	495.24	488.32	492.32	0.73	ppb
Silver	107-1	489.50	492.75	492.06	491.44	0.35	ppb
Sodium	23-2	244711.67	247034.99	251596.66	247781.11	1.41	ppb
Strontium	86-1	509.07	507.89	506.25	507.73	0.28	ppb
Strontium	88-1	512.35	516.04	508.91	512.43	0.70	ppb
Sulfur	34-1	9731.29	9457.52	9691.15	9626.65	1.54	ppb
Terbium	159-1				110		%
Terbium	159-2				104		%
Thallium	203-1	509.33	512.00	512.10	511.14	0.31	ppb
Thallium	205-1	507.32	503.11	504.92	505.12	0.42	ppb
Tin	118-1	506.16	505.28	500.35	503.93	0.62	ppb
Titanium	47-1	2498.75	2517.65	2507.77	2508.06	0.38	ppb
Uranium	238-1	515.37	510.63	516.63	514.21	0.61	ppb
Vanadium	51-2	506.23	510.44	520.25	512.31	1.40	ppb
Yttrium	89-1				109		%
Yttrium	89-2				98		%
Zinc	66-2	982.53	996.22	1024.50	1001.08	2.14	ppb
Zirconium	90-1	507.23	513.59	503.19	508.00	1.03	ppb

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	CCV053	Instrumnet Name :	P8
Client Sample ID :	CCV053	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 17:08:35	DataFile Name :	024CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	491.22	502.74	491.83	495.26	1.31	ppb

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	CCB053	Instrumnet Name :	P8
Client Sample ID :	CCB053	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 17:13:56	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.34	2.19	-3.75	-0.40		ppb
Antimony	121-1	0.30	0.28	0.27	0.28	5.79	ppb
Arsenic	75-2	0.08	0.02	0.00	0.03	114.97	ppb
Barium	135-1	0.00	0.00	0.00	0.00	2658.58	ppb
Barium	137-1	0.01	0.03	0.02	0.02	59.01	ppb
Beryllium	9-1	0.31	0.30	0.26	0.29	9.66	ppb
Bismuth	209-1				110		%
Bismuth	209-2				102		%
Boron	10-1	10.27	10.20	9.11	9.86	6.56	ppb
Boron	11-1	10.05	10.51	9.95	10.17	2.96	ppb
Cadmium	111-1	0.03	0.08	0.03	0.05	60.02	ppb
Cadmium	106-1	0.27	1.05	0.24	0.52	87.92	ppb
Cadmium	108-1	0.13	0.04	0.17	0.11	57.69	ppb
Calcium	43-1	-16.95	-19.59	-16.48	-17.67		ppb
Calcium	44-1	-6.87	-3.84	-6.04	-5.58		ppb
Chromium	52-2	0.01	0.02	0.01	0.01	61.24	ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	129.19	ppb
Copper	63-2	0.04	0.04	0.08	0.05	46.12	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				109		%
Holmium	165-2				102		%
Indium	115-1				107		%
Indium	115-2				99		%
Iron	56-2	3.81	4.01	3.33	3.72	9.32	ppb
Iron	57-2	2.16	1.95	0.24	1.45	72.38	ppb
Lead	206-1	0.08	0.10	0.11	0.10	12.04	ppb
Lead	207-1	0.10	0.07	0.09	0.09	19.81	ppb
Lead	208-1	0.10	0.09	0.09	0.09	8.05	ppb
Lithium	6-1				104		%
Magnesium	24-2	-4.79	-12.65	-2.23	-6.56		ppb
Manganese	55-2	-0.03	0.02	0.06	0.02	265.01	ppb

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	CCB053	Instrumnet Name :	P8
Client Sample ID :	CCB053	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 17:13:56	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.05	0.07	0.09	0.07	33.52	ppb
Molybdenum	95-1	0.06	0.09	0.06	0.07	24.48	ppb
Molybdenum	96-1	0.03	0.03	0.06	0.04	31.89	ppb
Molybdenum	97-1	0.05	0.06	0.08	0.06	27.53	ppb
Molybdenum	98-1	0.06	0.07	0.07	0.07	8.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.58	-0.40	-0.42	-0.47		ppb
Phosphorus	31-2	16.36	15.41	15.38	15.72	3.56	ppb
Potassium	39-2	21.55	-12.95	-6.84	0.59	3142.22	ppb
Rhodium	103-1				106		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				94		%
Selenium	77-2	-2.21	-2.21	4.64	0.08	5265.11	ppb
Selenium	78-2	0.06	1.02	1.05	0.71	79.19	ppb
Selenium	82-1	-0.85	-0.44	-0.46	-0.58		ppb
Silicon	28-1	-15.88	-19.95	-19.63	-18.49		ppb
Silver	109-1	0.04	0.03	0.03	0.03	18.47	ppb
Silver	107-1	0.04	0.03	0.03	0.03	4.97	ppb
Sodium	23-2	49.50	37.82	46.57	44.63	13.62	ppb
Strontium	86-1	-0.02	0.02	-0.03	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	674.47	ppb
Sulfur	34-1	-1279.48	-1879.54	-1627.09	-1595.37		ppb
Terbium	159-1				108		%
Terbium	159-2				101		%
Thallium	203-1	0.10	0.11	0.08	0.10	13.28	ppb
Thallium	205-1	0.11	0.11	0.10	0.11	5.12	ppb
Tin	118-1	-0.02	-0.01	-0.04	-0.02		ppb
Titanium	47-1	-0.01	-0.02	0.00	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	15.22	ppb
Vanadium	51-2	-0.02	0.00	0.00	-0.01		ppb
Yttrium	89-1				108		%
Yttrium	89-2				97		%
Zinc	66-2	-0.14	-0.25	-0.25	-0.21		ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	42.36	ppb

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	CCB053	Instrumnet Name :	P8
Client Sample ID :	CCB053	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 17:13:56	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.01	-0.01	0.01	261.47	ppb

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 15:44:44	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	25	0	17	86.60	cps
Antimony	121-1	100	100	92	97	4.95	cps
Arsenic	75-2	0	4	2	2	100.00	cps
Barium	135-1	42	25	33	33	25.01	cps
Barium	137-1	17	17	25	19	24.73	cps
Beryllium	9-1	56	50	56	54	5.98	cps
Bismuth	209-1	4870539	4569993	4894134	4778222	3.78	cps
Bismuth	209-2	1206138	1197196	1199286	1200874	0.39	cps
Boron	10-1	108	42	83	78	43.30	cps
Boron	11-1	458	358	325	381	18.23	cps
Cadmium	111-1	601	621	583	601	3.19	cps
Cadmium	106-1	858	875	808	847	4.09	cps
Cadmium	108-1	0	0	0	0	0.00	cps
Calcium	43-1	983	850	867	900	8.07	cps
Calcium	44-1	11864	12106	12114	12028	1.18	cps
Chromium	52-2	243	253	263	253	3.95	cps
Cobalt	59-2	47	53	57	52	9.75	cps
Copper	63-2	133	103	107	114	14.37	cps
Dysprosium	156-1	8	33	8	17	86.64	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	8	25	17	17	50.01	cps
Erbium	164-2	7	7	7	7	0.00	cps
Gadolinium	160-1	25	33	67	42	52.92	cps
Gadolinium	160-2	7	3	0	3	100.05	cps
Holmium	165-1	7041038	6624675	7023043	6896252	3.41	cps
Holmium	165-2	1509857	1502547	1493720	1502041	0.54	cps
Indium	115-1	5600656	5286157	5555627	5480813	3.10	cps
Indium	115-2	272082	272507	268208	270932	0.87	cps
Iron	56-2	1589	1611	1767	1656	5.85	cps
Iron	57-2	39	72	22	44	57.28	cps
Lead	206-1	189	267	250	235	17.41	cps
Lead	207-1	211	161	189	187	13.39	cps
Lead	208-1	856	867	917	880	3.70	cps
Lithium	6-1	863383	821478	853591	846151	2.59	cps
Magnesium	24-2	625	633	750	669	10.44	cps
Manganese	55-2	40	30	23	31	26.97	cps

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 15:44:44	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	208	133	142	161	25.52	cps
Molybdenum	95-1	50	25	17	31	56.77	cps
Molybdenum	96-1	117	75	100	97	21.57	cps
Molybdenum	97-1	58	50	42	50	16.67	cps
Molybdenum	98-1	58	50	58	56	8.67	cps
Neodymium	150-1	13	20	7	13	49.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	703	757	877	779	11.40	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	2259	2550	2784	2531	10.40	cps
Rhodium	103-1	5196002	4891937	5235098	5107679	3.68	cps
Rhodium	103-2	1428020	1431099	1407830	1422316	0.89	cps
Scandium	45-1	2996439	2812955	2969608	2926334	3.39	cps
Scandium	45-2	26916	27106	26953	26992	0.37	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	2	4	0	2	100.00	cps
Selenium	82-1	4	-29	66	14	348.27	cps
Silicon	28-1	346313	347519	342961	345598	0.68	cps
Silver	109-1	25	42	33	33	25.01	cps
Silver	107-1	108	100	58	89	30.13	cps
Sodium	23-2	6285	6235	6093	6204	1.60	cps
Strontium	86-1	333	450	500	428	19.99	cps
Strontium	88-1	125	192	100	139	34.12	cps
Sulfur	34-1	309300	311088	309743	310044	0.30	cps
Terbium	159-1	7234575	6787593	7175421	7065863	3.44	cps
Terbium	159-2	1454172	1451156	1434011	1446447	0.75	cps
Thallium	203-1	142	75	58	92	48.10	cps
Thallium	205-1	233	250	175	219	17.95	cps
Tin	118-1	792	883	983	886	10.82	cps
Titanium	47-1	108	125	133	122	10.41	cps
Uranium	238-1	8	25	33	22	57.30	cps
Vanadium	51-2	17	10	7	11	45.82	cps
Yttrium	89-1	5669456	5308864	5690517	5556279	3.86	cps
Yttrium	89-2	203388	202743	199287	201806	1.09	cps
Zinc	66-2	50	43	47	47	7.15	cps
Zirconium	90-1	233	275	425	311	32.40	cps

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 15:44:44	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	92	67	58	72	24.02	cps

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 15:51:48	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	50	183	117	57.14	cps
Antimony	121-1	12415	12223	11706	12114	3.03	cps
Arsenic	75-2	81	93	74	83	11.27	cps
Barium	135-1	11814	12932	12340	12362	4.52	cps
Barium	137-1	21602	22244	22336	22061	1.81	cps
Beryllium	9-1	728	733	706	722	2.03	cps
Bismuth	209-1	4793644	4764190	4818321	4792051	0.57	cps
Bismuth	209-2	1201791	1192401	1165064	1186419	1.61	cps
Boron	10-1	1725	1884	1867	1825	4.77	cps
Boron	11-1	8061	8878	8653	8531	4.95	cps
Cadmium	111-1	1860	2123	2071	2018	6.92	cps
Cadmium	106-1	1050	1200	1108	1120	6.76	cps
Cadmium	108-1	96	96	96	96	0.00	cps
Calcium	43-1	6477	6402	6468	6449	0.64	cps
Calcium	44-1	108979	107904	106015	107633	1.39	cps
Chromium	52-2	1323	1447	1407	1392	4.52	cps
Cobalt	59-2	1313	1177	1340	1277	6.86	cps
Copper	63-2	2060	2354	2024	2146	8.43	cps
Dysprosium	156-1	0	8	17	8	100.02	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	25	50	58	44	39.04	cps
Erbium	164-2	3	10	3	6	69.34	cps
Gadolinium	160-1	67	25	42	44	47.19	cps
Gadolinium	160-2	0	13	0	4	173.21	cps
Holmium	165-1	6941980	6924950	6948134	6938355	0.17	cps
Holmium	165-2	1511686	1490787	1462042	1488171	1.67	cps
Indium	115-1	5596661	5577166	5594005	5589277	0.19	cps
Indium	115-2	272794	269754	260436	267662	2.41	cps
Iron	56-2	20193	20499	20454	20382	0.81	cps
Iron	57-2	522	500	567	530	6.41	cps
Lead	206-1	3773	4101	4329	4067	6.87	cps
Lead	207-1	3906	3895	3995	3932	1.39	cps
Lead	208-1	16571	17594	17483	17216	3.26	cps
Lithium	6-1	850576	851460	853289	851775	0.16	cps
Magnesium	24-2	9871	10179	10229	10093	1.92	cps
Manganese	55-2	203	167	203	191	11.08	cps

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 15:51:48	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	10321	9662	10254	10079	3.60	cps
Molybdenum	95-1	11647	12239	11831	11906	2.55	cps
Molybdenum	96-1	13507	13741	13499	13582	1.01	cps
Molybdenum	97-1	7619	7111	7627	7452	3.97	cps
Molybdenum	98-1	18747	19348	19323	19139	1.78	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1030	1023	1027	1027	0.32	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	8036	8186	8036	8086	1.07	cps
Rhodium	103-1	5132314	5132524	5175694	5146844	0.49	cps
Rhodium	103-2	1423958	1408012	1368681	1400217	2.03	cps
Scandium	45-1	3005843	2965842	2958984	2976890	0.85	cps
Scandium	45-2	26909	27240	26315	26821	1.75	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	11	11	11	11	0.00	cps
Selenium	82-1	367	309	353	343	8.76	cps
Silicon	28-1	379506	377435	382047	379662	0.61	cps
Silver	109-1	6110	6252	5660	6007	5.15	cps
Silver	107-1	6043	6335	5985	6121	3.06	cps
Sodium	23-2	27419	27745	27903	27689	0.89	cps
Strontium	86-1	1950	1984	2009	1981	1.48	cps
Strontium	88-1	14033	13624	13574	13744	1.83	cps
Sulfur	34-1	311614	312475	310954	311681	0.24	cps
Terbium	159-1	7097218	7136652	7061817	7098562	0.53	cps
Terbium	159-2	1446720	1429127	1394102	1423316	1.88	cps
Thallium	203-1	4851	4918	5151	4973	3.17	cps
Thallium	205-1	11731	11923	12181	11945	1.89	cps
Tin	118-1	21285	20834	21877	21332	2.45	cps
Titanium	47-1	2842	3167	2909	2973	5.78	cps
Uranium	238-1	15227	16303	16053	15861	3.55	cps
Vanadium	51-2	2124	1914	2050	2029	5.25	cps
Yttrium	89-1	5723470	5734708	5721975	5726718	0.12	cps
Yttrium	89-2	201843	202275	193724	199281	2.42	cps
Zinc	66-2	290	270	250	270	7.41	cps
Zirconium	90-1	8978	8595	8395	8656	3.43	cps

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 15:51:48	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1809	2334	1859	2000	14.49	cps

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 16:07:34	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3876	3909	4534	4106	9.03	cps
Antimony	121-1	329330	329967	329852	329716	0.10	cps
Arsenic	75-2	3841	3877	3873	3864	0.50	cps
Barium	135-1	349493	348324	347753	348523	0.25	cps
Barium	137-1	604094	610017	606566	606892	0.49	cps
Beryllium	9-1	36357	35049	34870	35425	2.29	cps
Bismuth	209-1	5046693	4973265	5026982	5015647	0.76	cps
Bismuth	209-2	1210338	1210609	1196579	1205842	0.67	cps
Boron	10-1	4192	4342	4126	4220	2.63	cps
Boron	11-1	20115	20315	20299	20243	0.55	cps
Cadmium	111-1	69413	69139	69572	69375	0.32	cps
Cadmium	106-1	7753	7903	8019	7892	1.70	cps
Cadmium	108-1	5051	4863	4847	4920	2.31	cps
Calcium	43-1	64458	63435	64925	64273	1.19	cps
Calcium	44-1	1035257	1034750	1036604	1035537	0.09	cps
Chromium	52-2	28843	28646	28412	28634	0.75	cps
Cobalt	59-2	63112	62258	61385	62252	1.39	cps
Copper	63-2	106454	107384	106030	106623	0.65	cps
Dysprosium	156-1	25	8	8	14	69.31	cps
Dysprosium	156-2	0	0	10	3	173.21	cps
Erbium	164-1	67	8	25	33	90.15	cps
Erbium	164-2	3	3	7	4	43.40	cps
Gadolinium	160-1	58	42	67	56	22.91	cps
Gadolinium	160-2	0	0	13	4	173.21	cps
Holmium	165-1	7207564	7265311	7126819	7199898	0.97	cps
Holmium	165-2	1516852	1522088	1504494	1514478	0.60	cps
Indium	115-1	5654061	5659394	5639863	5651106	0.18	cps
Indium	115-2	265256	266684	264560	265500	0.41	cps
Iron	56-2	979152	977665	975016	977277	0.21	cps
Iron	57-2	24522	24600	24706	24609	0.38	cps
Lead	206-1	223697	227876	223490	225021	1.10	cps
Lead	207-1	205327	204435	202255	204006	0.77	cps
Lead	208-1	914256	921368	916467	917364	0.40	cps
Lithium	6-1	860067	856493	855668	857409	0.27	cps
Magnesium	24-2	96921	96434	96996	96784	0.32	cps
Manganese	55-2	17247	16934	17144	17108	0.93	cps

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 16:07:34	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	535063	538018	535274	536118	0.31	cps
Molybdenum	95-1	656530	660052	646648	654410	1.06	cps
Molybdenum	96-1	730982	737844	728293	732373	0.67	cps
Molybdenum	97-1	408869	408424	410148	409147	0.22	cps
Molybdenum	98-1	1051514	1049396	1052763	1051224	0.16	cps
Neodymium	150-1	13	20	33	22	45.85	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	18546	18589	17895	18343	2.12	cps
Phosphorus	31-2	308	350	317	325	6.78	cps
Potassium	39-2	32706	32513	31670	32297	1.71	cps
Rhodium	103-1	5164646	5193393	5179446	5179162	0.28	cps
Rhodium	103-2	1414096	1408843	1398377	1407105	0.57	cps
Scandium	45-1	2934654	2924916	2928628	2929399	0.17	cps
Scandium	45-2	25947	25640	25400	25662	1.07	cps
Selenium	77-2	23	33	33	30	19.25	cps
Selenium	78-2	100	81	98	93	10.94	cps
Selenium	82-1	4226	4352	4378	4319	1.88	cps
Silicon	28-1	481983	479887	480254	480708	0.23	cps
Silver	109-1	320246	323784	318550	320860	0.83	cps
Silver	107-1	335751	337835	334205	335930	0.54	cps
Sodium	23-2	230462	228906	227014	228794	0.75	cps
Strontium	86-1	84343	84310	84673	84442	0.24	cps
Strontium	88-1	740706	731782	736304	736264	0.61	cps
Sulfur	34-1	316351	316188	314368	315636	0.35	cps
Terbium	159-1	7340790	7293624	7302553	7312322	0.34	cps
Terbium	159-2	1449784	1453683	1440473	1447980	0.47	cps
Thallium	203-1	277208	275163	273394	275255	0.69	cps
Thallium	205-1	656884	662265	658039	659063	0.43	cps
Tin	118-1	223106	222877	225086	223690	0.54	cps
Titanium	47-1	159583	155757	157991	157777	1.22	cps
Uranium	238-1	922962	914005	922316	919761	0.54	cps
Vanadium	51-2	21517	21190	21196	21301	0.88	cps
Yttrium	89-1	5864541	5780942	5763494	5802992	0.93	cps
Yttrium	89-2	197218	197847	196687	197250	0.29	cps
Zinc	66-2	10434	9974	9990	10133	2.58	cps
Zirconium	90-1	452585	449873	448153	450203	0.50	cps

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 16:07:34	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	100772	98992	100386	100050	0.94	cps

LB Number : LB93007 Operator : Jaswal
 Lab Sample ID : S04 Instrumnet Name : P8
 Client Sample ID : S04 Dilution Factor : 1
 Date & Time Acquired :: 2018-01-30 16:10:58 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10663	10413	10538	10538	1.19	cps
Antimony	121-1	822812	834955	831592	829786	0.76	cps
Arsenic	75-2	9574	9383	9652	9536	1.45	cps
Barium	135-1	881074	874480	875934	877163	0.39	cps
Barium	137-1	1563824	1541305	1533120	1546083	1.03	cps
Beryllium	9-1	88487	88621	89846	88985	0.84	cps
Bismuth	209-1	4992420	5044446	5018693	5018520	0.52	cps
Bismuth	209-2	1196307	1197332	1207931	1200524	0.54	cps
Boron	10-1	9662	10279	9945	9962	3.10	cps
Boron	11-1	44620	46744	47346	46237	3.10	cps
Cadmium	111-1	173524	174426	173776	173909	0.27	cps
Cadmium	106-1	19106	18497	19323	18975	2.26	cps
Cadmium	108-1	12414	12210	11993	12206	1.73	cps
Calcium	43-1	159259	158104	156909	158091	0.74	cps
Calcium	44-1	2646199	2613023	2622649	2627291	0.65	cps
Chromium	52-2	71009	72138	71357	71501	0.81	cps
Cobalt	59-2	155233	153592	152976	153934	0.76	cps
Copper	63-2	264730	264565	262429	263908	0.49	cps
Dysprosium	156-1	8	33	8	17	86.62	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	8	33	25	22	57.30	cps
Erbium	164-2	3	3	0	2	86.60	cps
Gadolinium	160-1	50	33	50	44	21.66	cps
Gadolinium	160-2	10	3	3	6	69.34	cps
Holmium	165-1	7260227	7246764	7214579	7240523	0.32	cps
Holmium	165-2	1500891	1510762	1529294	1513649	0.95	cps
Indium	115-1	5683854	5674996	5658634	5672495	0.23	cps
Indium	115-2	264917	263228	264589	264245	0.34	cps
Iron	56-2	2482047	2467091	2460964	2470034	0.44	cps
Iron	57-2	61714	60677	60877	61089	0.90	cps
Lead	206-1	560474	565369	562819	562888	0.43	cps
Lead	207-1	514656	509931	511251	511946	0.48	cps
Lead	208-1	2302593	2302321	2294655	2299857	0.20	cps
Lithium	6-1	861210	855428	858894	858511	0.34	cps
Magnesium	24-2	242367	241965	239746	241359	0.58	cps
Manganese	55-2	43809	42361	42281	42817	2.01	cps

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 16:10:58	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1356484	1355865	1349559	1353969	0.28	cps
Molybdenum	95-1	1677172	1685906	1666347	1676475	0.58	cps
Molybdenum	96-1	1888865	1893836	1900639	1894447	0.31	cps
Molybdenum	97-1	1018721	1032314	1021574	1024203	0.70	cps
Molybdenum	98-1	2717821	2693093	2691626	2700847	0.54	cps
Neodymium	150-1	27	47	33	36	28.64	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	44187	44725	45671	44861	1.68	cps
Phosphorus	31-2	767	642	950	786	19.73	cps
Potassium	39-2	75369	76031	76677	76025	0.86	cps
Rhodium	103-1	5198095	5131376	5173406	5167626	0.65	cps
Rhodium	103-2	1394888	1382033	1399277	1392066	0.64	cps
Scandium	45-1	2968449	2967025	2974990	2970154	0.14	cps
Scandium	45-2	25624	26004	25924	25851	0.78	cps
Selenium	77-2	73	83	47	68	27.96	cps
Selenium	78-2	217	233	228	226	3.76	cps
Selenium	82-1	10664	10360	10451	10491	1.49	cps
Silicon	28-1	723969	731115	733432	729505	0.68	cps
Silver	109-1	815873	807736	811521	811710	0.50	cps
Silver	107-1	840862	842804	846941	843536	0.37	cps
Sodium	23-2	557178	563115	562031	560774	0.56	cps
Strontium	86-1	211811	214145	211727	212561	0.65	cps
Strontium	88-1	1891349	1886785	1887544	1888559	0.13	cps
Sulfur	34-1	339952	334712	335119	336594	0.87	cps
Terbium	159-1	7343529	7342149	7396432	7360703	0.42	cps
Terbium	159-2	1447159	1448798	1458796	1451584	0.43	cps
Thallium	203-1	695078	698376	691879	695111	0.47	cps
Thallium	205-1	1697008	1674629	1655543	1675727	1.24	cps
Tin	118-1	558781	560322	557163	558755	0.28	cps
Titanium	47-1	392562	390718	393372	392217	0.35	cps
Uranium	238-1	2408419	2426082	2412769	2415757	0.38	cps
Vanadium	51-2	54077	53800	52883	53587	1.17	cps
Yttrium	89-1	5848417	5839437	5851106	5846320	0.10	cps
Yttrium	89-2	195778	196305	196373	196152	0.17	cps
Zinc	66-2	25490	25417	25323	25410	0.33	cps
Zirconium	90-1	1137039	1143222	1129760	1136674	0.59	cps

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 16:10:58	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	251007	253649	249837	251498	0.78	cps

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 16:14:21	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20966	21258	20516	20913	1.79	cps
Antimony	121-1	1697019	1677891	1660850	1678586	1.08	cps
Arsenic	75-2	18919	18935	19280	19045	1.07	cps
Barium	135-1	1791903	1753782	1772631	1772772	1.08	cps
Barium	137-1	3100959	3112314	3127661	3113645	0.43	cps
Beryllium	9-1	173403	175331	175136	174623	0.61	cps
Bismuth	209-1	4975630	5012970	5055608	5014736	0.80	cps
Bismuth	209-2	1210914	1189832	1201717	1200821	0.88	cps
Boron	10-1	18896	19155	20282	19444	3.79	cps
Boron	11-1	89176	90241	94703	91374	3.21	cps
Cadmium	111-1	342597	344447	345514	344186	0.43	cps
Cadmium	106-1	35673	36718	36584	36325	1.57	cps
Cadmium	108-1	24017	24381	24827	24408	1.66	cps
Calcium	43-1	314354	316937	314076	315122	0.50	cps
Calcium	44-1	5125516	5112593	5162974	5133695	0.51	cps
Chromium	52-2	141944	140123	140368	140812	0.70	cps
Cobalt	59-2	304579	301530	303706	303272	0.52	cps
Copper	63-2	522222	516551	520830	519868	0.57	cps
Dysprosium	156-1	25	0	50	25	100.00	cps
Dysprosium	156-2	10	0	0	3	173.21	cps
Erbium	164-1	50	42	8	33	66.15	cps
Erbium	164-2	0	3	3	2	86.60	cps
Gadolinium	160-1	33	17	8	19	65.47	cps
Gadolinium	160-2	3	3	3	3	0.00	cps
Holmium	165-1	7244942	7243414	7274573	7254310	0.24	cps
Holmium	165-2	1528510	1516616	1523205	1522777	0.39	cps
Indium	115-1	5583772	5644585	5691643	5640000	0.96	cps
Indium	115-2	263305	261400	262997	262567	0.39	cps
Iron	56-2	4835807	4795315	4800277	4810466	0.46	cps
Iron	57-2	120309	118746	119693	119583	0.66	cps
Lead	206-1	1133133	1140524	1138337	1137331	0.33	cps
Lead	207-1	1025467	1033712	1028472	1029217	0.41	cps
Lead	208-1	4664024	4724454	4718791	4702423	0.71	cps
Lithium	6-1	850207	851833	852927	851655	0.16	cps
Magnesium	24-2	472292	468489	470409	470397	0.40	cps
Manganese	55-2	85335	83997	83907	84413	0.95	cps

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 16:14:21	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2716309	2718451	2716074	2716945	0.05	cps
Molybdenum	95-1	3324223	3328283	3326797	3326434	0.06	cps
Molybdenum	96-1	3668528	3700693	3729984	3699735	0.83	cps
Molybdenum	97-1	2082406	2117005	2136484	2111965	1.30	cps
Molybdenum	98-1	5381425	5283783	5343510	5336239	0.92	cps
Neodymium	150-1	73	67	93	78	17.84	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	88582	86915	87885	87794	0.95	cps
Phosphorus	31-2	1542	1392	1483	1472	5.14	cps
Potassium	39-2	148838	143920	146202	146320	1.68	cps
Rhodium	103-1	5139535	5108679	5222162	5156792	1.14	cps
Rhodium	103-2	1399785	1380429	1388844	1389686	0.70	cps
Scandium	45-1	2923836	2923681	2955615	2934377	0.63	cps
Scandium	45-2	25320	25002	25283	25202	0.69	cps
Selenium	77-2	133	117	173	141	20.64	cps
Selenium	78-2	437	381	489	436	12.33	cps
Selenium	82-1	21096	21305	21166	21189	0.50	cps
Silicon	28-1	1089285	1077520	1105329	1090712	1.28	cps
Silver	109-1	1628257	1653839	1659161	1647086	1.00	cps
Silver	107-1	1690044	1718299	1748072	1718805	1.69	cps
Sodium	23-2	1140553	1109407	1120900	1123620	1.40	cps
Strontium	86-1	422417	425242	424757	424139	0.36	cps
Strontium	88-1	3687064	3756811	3742674	3728850	0.99	cps
Sulfur	34-1	372397	374935	374822	374051	0.38	cps
Terbium	159-1	7361063	7393779	7476044	7410295	0.80	cps
Terbium	159-2	1473846	1441272	1462233	1459117	1.13	cps
Thallium	203-1	1382367	1387625	1387214	1385735	0.21	cps
Thallium	205-1	3394628	3373286	3388921	3385612	0.33	cps
Tin	118-1	1117575	1122797	1118261	1119544	0.25	cps
Titanium	47-1	779407	787841	787800	785016	0.62	cps
Uranium	238-1	4770469	4791227	4809564	4790420	0.41	cps
Vanadium	51-2	107303	106383	106454	106714	0.48	cps
Yttrium	89-1	5779176	5886013	5869287	5844825	0.98	cps
Yttrium	89-2	195226	193413	193769	194136	0.49	cps
Zinc	66-2	50114	49762	49435	49770	0.68	cps
Zirconium	90-1	2317121	2325254	2337087	2326487	0.43	cps

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 16:14:21	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	502308	504559	499886	502251	0.47	cps

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 16:17:40	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	39774	39323	42005	40367	3.56	cps
Antimony	121-1	3416924	3406806	3387427	3403719	0.44	cps
Arsenic	75-2	37469	38466	38732	38222	1.74	cps
Barium	135-1	3590528	3584189	3551827	3575514	0.58	cps
Barium	137-1	6225596	6233507	6158255	6205786	0.67	cps
Beryllium	9-1	342170	341238	347007	343472	0.90	cps
Bismuth	209-1	5036548	5087687	5066345	5063527	0.51	cps
Bismuth	209-2	1201423	1210120	1239003	1216849	1.62	cps
Boron	10-1	38152	38093	40850	39032	4.04	cps
Boron	11-1	178943	180852	185397	181731	1.82	cps
Cadmium	111-1	692743	690220	687980	690314	0.35	cps
Cadmium	106-1	71465	72202	72152	71940	0.57	cps
Cadmium	108-1	50164	48847	49532	49514	1.33	cps
Calcium	43-1	634434	629769	627501	630568	0.56	cps
Calcium	44-1	10375631	10258820	10193736	10276062	0.90	cps
Chromium	52-2	274840	277331	284705	278959	1.84	cps
Cobalt	59-2	594558	601160	613910	603209	1.63	cps
Copper	63-2	1018629	1028154	1052695	1033159	1.70	cps
Dysprosium	156-1	42	67	33	47	36.74	cps
Dysprosium	156-2	17	0	0	6	173.21	cps
Erbium	164-1	50	17	58	42	52.91	cps
Erbium	164-2	3	0	13	6	124.93	cps
Gadolinium	160-1	33	33	25	31	15.74	cps
Gadolinium	160-2	0	7	13	7	99.98	cps
Holmium	165-1	7344529	7301772	7402625	7349642	0.69	cps
Holmium	165-2	1530271	1548010	1578453	1552245	1.57	cps
Indium	115-1	5701899	5674026	5684632	5686852	0.25	cps
Indium	115-2	260800	264121	268740	264554	1.51	cps
Iron	56-2	9414140	9502992	9730172	9549101	1.71	cps
Iron	57-2	237242	237325	245028	239865	1.86	cps
Lead	206-1	2352206	2387242	2343044	2360830	0.99	cps
Lead	207-1	2157195	2165501	2144433	2155710	0.49	cps
Lead	208-1	9612166	9599536	9584562	9598755	0.14	cps
Lithium	6-1	851677	853445	853237	852787	0.11	cps
Magnesium	24-2	926171	934088	956782	939014	1.69	cps
Manganese	55-2	166090	166923	170509	167841	1.40	cps

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 16:17:40	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5480636	5465950	5448927	5465171	0.29	cps
Molybdenum	95-1	6669417	6673229	6669407	6670684	0.03	cps
Molybdenum	96-1	7415317	7464585	7465912	7448605	0.39	cps
Molybdenum	97-1	4229191	4224955	4240867	4231671	0.19	cps
Molybdenum	98-1	10843920	10760234	10783285	10795813	0.40	cps
Neodymium	150-1	200	160	113	158	27.49	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	173073	172382	176148	173868	1.15	cps
Phosphorus	31-2	2842	2759	3109	2903	6.30	cps
Potassium	39-2	289188	284135	292145	288489	1.40	cps
Rhodium	103-1	5129373	5144574	5106908	5126951	0.37	cps
Rhodium	103-2	1376756	1391157	1421888	1396600	1.65	cps
Scandium	45-1	2907436	2970952	2937543	2938644	1.08	cps
Scandium	45-2	25393	25373	26014	25593	1.42	cps
Selenium	77-2	210	227	260	232	10.96	cps
Selenium	78-2	983	915	867	922	6.36	cps
Selenium	82-1	42144	41781	42264	42063	0.60	cps
Silicon	28-1	1804260	1815501	1843567	1821109	1.11	cps
Silver	109-1	3264014	3277464	3284945	3275474	0.32	cps
Silver	107-1	3400527	3440366	3412663	3417852	0.60	cps
Sodium	23-2	2211520	2205310	2267972	2228267	1.55	cps
Strontium	86-1	851720	856365	849458	852514	0.41	cps
Strontium	88-1	7529551	7445708	7452238	7475833	0.62	cps
Sulfur	34-1	457625	452892	450988	453835	0.75	cps
Terbium	159-1	7371209	7521194	7494872	7462425	1.07	cps
Terbium	159-2	1471027	1476928	1521379	1489778	1.85	cps
Thallium	203-1	2869213	2862032	2874470	2868572	0.22	cps
Thallium	205-1	6843117	6762453	6799101	6801557	0.59	cps
Tin	118-1	2317242	2291960	2309708	2306303	0.56	cps
Titanium	47-1	1582822	1591589	1564764	1579725	0.87	cps
Uranium	238-1	9659936	9646634	9678330	9661633	0.16	cps
Vanadium	51-2	210273	207832	216787	211630	2.19	cps
Yttrium	89-1	5926348	5920638	5974689	5940558	0.50	cps
Yttrium	89-2	196617	196353	200762	197911	1.25	cps
Zinc	66-2	98315	98949	99843	99036	0.77	cps
Zirconium	90-1	4654335	4695385	4625333	4658351	0.76	cps

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 16:17:40	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1011925	1030152	1014796	1018958	0.96	cps

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 16:20:57	DataFile Name :	013CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	81920	82557	81836	82104	0.48	cps
Antimony	121-1	6866303	6798864	6867407	6844191	0.57	cps
Arsenic	75-2	76970	76540	76750	76753	0.28	cps
Barium	135-1	7267085	7249733	7254482	7257100	0.12	cps
Barium	137-1	12591007	12635015	12613652	12613225	0.17	cps
Beryllium	9-1	681654	684261	693748	686554	0.93	cps
Bismuth	209-1	5152803	5138567	4904850	5065407	2.75	cps
Bismuth	209-2	1214253	1213708	1219196	1215719	0.25	cps
Boron	10-1	77074	81699	82244	80339	3.54	cps
Boron	11-1	369563	374827	381019	375136	1.53	cps
Cadmium	111-1	1394804	1397444	1401367	1397872	0.24	cps
Cadmium	106-1	142564	145427	144819	144270	1.05	cps
Cadmium	108-1	97193	99589	99489	98757	1.37	cps
Calcium	43-1	1273298	1294673	1288228	1285400	0.85	cps
Calcium	44-1	20663786	20778215	21030450	20824150	0.90	cps
Chromium	52-2	556209	558623	560631	558488	0.40	cps
Cobalt	59-2	1200117	1199025	1199397	1199513	0.05	cps
Copper	63-2	2082111	2079211	2112358	2091227	0.88	cps
Dysprosium	156-1	75	92	75	81	11.95	cps
Dysprosium	156-2	13	13	7	11	34.61	cps
Erbium	164-1	42	58	33	44	28.65	cps
Erbium	164-2	3	0	3	2	86.60	cps
Gadolinium	160-1	58	142	25	75	80.12	cps
Gadolinium	160-2	3	13	7	8	65.47	cps
Holmium	165-1	7595951	7624175	7170972	7463699	3.40	cps
Holmium	165-2	1566523	1569744	1577569	1571279	0.36	cps
Indium	115-1	5689048	5706016	5398243	5597769	3.09	cps
Indium	115-2	262306	260673	261085	261355	0.32	cps
Iron	56-2	19146505	19241160	19322261	19236642	0.46	cps
Iron	57-2	474913	478494	481124	478177	0.65	cps
Lead	206-1	4795936	4745362	4761346	4767548	0.54	cps
Lead	207-1	4353625	4351518	4374280	4359808	0.29	cps
Lead	208-1	19384695	19278289	19368808	19343931	0.30	cps
Lithium	6-1	851410	854779	810075	838755	2.97	cps
Magnesium	24-2	1909965	1913952	1895536	1906484	0.51	cps
Manganese	55-2	334732	338453	339703	337629	0.77	cps

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 16:20:57	DataFile Name :	013CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	11057024	10995074	11063648	11038582	0.34	cps
Molybdenum	95-1	13690626	13634665	13567656	13630982	0.45	cps
Molybdenum	96-1	15223952	15210822	15236338	15223704	0.08	cps
Molybdenum	97-1	8535430	8570179	8614697	8573436	0.46	cps
Molybdenum	98-1	21923095	21989571	21960442	21957703	0.15	cps
Neodymium	150-1	307	247	320	291	13.42	cps
Neodymium	150-2	20	20	10	17	34.64	cps
Nickel	60-2	342856	345609	346895	345120	0.60	cps
Phosphorus	31-2	5902	5560	5743	5735	2.98	cps
Potassium	39-2	574834	574912	580133	576626	0.53	cps
Rhodium	103-1	5157424	5177939	4929035	5088133	2.72	cps
Rhodium	103-2	1393073	1385337	1391006	1389806	0.29	cps
Scandium	45-1	2992058	2990395	2849509	2943987	2.78	cps
Scandium	45-2	25911	25884	25894	25896	0.05	cps
Selenium	77-2	493	533	457	494	7.76	cps
Selenium	78-2	1841	1891	1828	1853	1.79	cps
Selenium	82-1	84862	85462	85371	85232	0.38	cps
Silicon	28-1	2771859	2763429	2784268	2773185	0.38	cps
Silver	109-1	6497927	6578419	6558966	6545104	0.64	cps
Silver	107-1	6743504	6837473	6774570	6785183	0.71	cps
Sodium	23-2	4364267	4419734	4378673	4387558	0.66	cps
Strontium	86-1	1780424	1739072	1772930	1764142	1.25	cps
Strontium	88-1	15268322	15159904	15299275	15242501	0.48	cps
Sulfur	34-1	623484	625256	629969	626236	0.54	cps
Terbium	159-1	7769607	7780854	7348295	7632919	3.23	cps
Terbium	159-2	1493447	1489722	1502108	1495092	0.43	cps
Thallium	203-1	5757206	5789499	5777468	5774724	0.28	cps
Thallium	205-1	13732482	13762465	13774019	13756322	0.16	cps
Tin	118-1	4696708	4613878	4659702	4656762	0.89	cps
Titanium	47-1	3218516	3186060	3201099	3201892	0.51	cps
Uranium	238-1	19697563	19714622	19864231	19758805	0.46	cps
Vanadium	51-2	423992	426925	427783	426233	0.47	cps
Yttrium	89-1	6047773	6061489	5710668	5939977	3.35	cps
Yttrium	89-2	200163	197954	200450	199522	0.68	cps
Zinc	66-2	194726	197218	197375	196440	0.76	cps
Zirconium	90-1	9346883	9318726	9259284	9308298	0.48	cps

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 16:20:57	DataFile Name :	013CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2141298	2077319	2122238	2113618	1.55	cps

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 16:24:10	DataFile Name :	014CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	408268	405770	404695	406244	0.45	cps
Antimony	121-1	9379	9579	9679	9545	1.60	cps
Arsenic	75-2	33	35	28	32	12.01	cps
Barium	135-1	1992	1750	1875	1872	6.46	cps
Barium	137-1	3276	3751	3142	3389	9.44	cps
Beryllium	9-1	572	572	567	570	0.56	cps
Bismuth	209-1	4853758	4893180	4859291	4868743	0.44	cps
Bismuth	209-2	1098056	1140747	1143737	1127513	2.27	cps
Boron	10-1	4001	4176	3501	3892	9.00	cps
Boron	11-1	17778	16961	16301	17014	4.35	cps
Cadmium	111-1	1012	999	946	986	3.55	cps
Cadmium	106-1	1092	1083	950	1042	7.63	cps
Cadmium	108-1	33	25	33	31	15.74	cps
Calcium	43-1	6323787	6261205	6394960	6326651	1.06	cps
Calcium	44-1	104417765	104407704	105201204	104675558	0.43	cps
Chromium	52-2	7819	7856	7886	7853	0.43	cps
Cobalt	59-2	1407	1353	1483	1415	4.62	cps
Copper	63-2	2734	2674	2820	2743	2.69	cps
Dysprosium	156-1	50	50	67	56	17.32	cps
Dysprosium	156-2	10	10	3	8	49.52	cps
Erbium	164-1	42	33	42	39	12.38	cps
Erbium	164-2	10	10	0	7	86.60	cps
Gadolinium	160-1	42	75	75	64	30.12	cps
Gadolinium	160-2	13	17	13	14	13.35	cps
Holmium	165-1	7413535	7400083	7446625	7420081	0.32	cps
Holmium	165-2	1479917	1538331	1537407	1518552	2.20	cps
Indium	115-1	5516059	5464124	5577250	5519144	1.03	cps
Indium	115-2	245978	256063	257707	253249	2.51	cps
Iron	56-2	92456513	92444444	92762394	92554450	0.19	cps
Iron	57-2	2361056	2355726	2358020	2358267	0.11	cps
Lead	206-1	9320	9092	9154	9189	1.28	cps
Lead	207-1	7981	7680	7380	7680	3.91	cps
Lead	208-1	36588	35264	35209	35687	2.19	cps
Lithium	6-1	839111	839422	846063	841532	0.47	cps
Magnesium	24-2	9175605	9231419	9273528	9226851	0.53	cps
Manganese	55-2	917	900	1033	950	7.65	cps

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 16:24:10	DataFile Name :	014CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4684	5218	5051	4984	5.48	cps
Molybdenum	95-1	7986	7728	8186	7967	2.89	cps
Molybdenum	96-1	9662	9370	10204	9746	4.34	cps
Molybdenum	97-1	4793	4501	4618	4637	3.17	cps
Molybdenum	98-1	11681	11297	11272	11416	2.01	cps
Neodymium	150-1	33	120	113	89	54.26	cps
Neodymium	150-2	20	7	7	11	69.25	cps
Nickel	60-2	3814	3584	3694	3697	3.11	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	2876784	2859363	2845957	2860701	0.54	cps
Rhodium	103-1	4896007	4874544	4927253	4899268	0.54	cps
Rhodium	103-2	1261626	1315046	1312989	1296554	2.33	cps
Scandium	45-1	2896943	2922627	2918375	2912648	0.47	cps
Scandium	45-2	23660	24902	25346	24636	3.55	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	4	4	2	3	34.64	cps
Selenium	82-1	83	80	40	68	34.94	cps
Silicon	28-1	349944	376589	352398	359644	4.09	cps
Silver	109-1	475	383	475	444	11.91	cps
Silver	107-1	500	550	617	556	10.54	cps
Sodium	23-2	21605884	21405103	21613842	21541610	0.55	cps
Strontium	86-1	55932	56953	56786	56557	0.97	cps
Strontium	88-1	496211	494739	490839	493930	0.56	cps
Sulfur	34-1	272164	272750	279886	274933	1.56	cps
Terbium	159-1	7529529	7638332	7550449	7572770	0.76	cps
Terbium	159-2	1419829	1465679	1472228	1452579	1.97	cps
Thallium	203-1	3234	2867	2917	3006	6.62	cps
Thallium	205-1	7778	7194	7461	7478	3.91	cps
Tin	118-1	5185	5268	4784	5079	5.09	cps
Titanium	47-1	592	600	658	617	5.89	cps
Uranium	238-1	1267	1500	1417	1395	8.48	cps
Vanadium	51-2	37	97	97	77	45.18	cps
Yttrium	89-1	5842016	5806036	5884668	5844240	0.67	cps
Yttrium	89-2	186720	192674	194226	191206	2.07	cps
Zinc	66-2	547	677	600	608	10.75	cps
Zirconium	90-1	1817	1917	1759	1831	4.37	cps

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 16:24:10	DataFile Name :	014CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	558	358	392	436	24.57	cps

LB Number : LB93007 Operator : Jaswal
 Lab Sample ID : ICV Instrumnet Name : P8
 Client Sample ID : ICV Dilution Factor : 1
 Date & Time Acquired :: 2018-01-30 16:32:20 DataFile Name : 015ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2142	2050	2317	2170	6.25	cps
Antimony	121-1	1320116	1330472	1320731	1323773	0.44	cps
Arsenic	75-2	15418	15429	15433	15427	0.05	cps
Barium	135-1	141608	144833	143025	143156	1.13	cps
Barium	137-1	248739	248850	250778	249456	0.46	cps
Beryllium	9-1	71349	70896	71276	71174	0.34	cps
Bismuth	209-1	5256844	5271388	5331975	5286736	0.75	cps
Bismuth	209-2	1225036	1252962	1249226	1242408	1.22	cps
Boron	10-1	42330	43074	44896	43434	3.04	cps
Boron	11-1	202603	208579	213779	208320	2.68	cps
Cadmium	111-1	144625	144129	143652	144135	0.34	cps
Cadmium	106-1	24022	23905	23672	23866	0.75	cps
Cadmium	108-1	13353	13115	12931	13133	1.61	cps
Calcium	43-1	28196	29023	28037	28419	1.86	cps
Calcium	44-1	444389	453862	453949	450733	1.22	cps
Chromium	52-2	56885	55500	55650	56012	1.36	cps
Cobalt	59-2	124342	123840	123810	123998	0.24	cps
Copper	63-2	106114	105180	105382	105559	0.47	cps
Dysprosium	156-1	17	25	0	14	91.65	cps
Dysprosium	156-2	7	3	10	7	50.03	cps
Erbium	164-1	50	50	100	67	43.31	cps
Erbium	164-2	20	10	30	20	50.00	cps
Gadolinium	160-1	25	83	50	53	55.46	cps
Gadolinium	160-2	0	10	7	6	91.64	cps
Holmium	165-1	7499430	7542874	7555027	7532444	0.39	cps
Holmium	165-2	1534393	1560760	1579239	1558131	1.45	cps
Indium	115-1	5936390	5814346	5920037	5890258	1.12	cps
Indium	115-2	264415	271826	270074	268772	1.44	cps
Iron	56-2	393303	389440	395284	392675	0.76	cps
Iron	57-2	9976	9865	9542	9794	2.30	cps
Lead	206-1	942482	945944	939675	942701	0.33	cps
Lead	207-1	831228	825300	816170	824233	0.92	cps
Lead	208-1	3855083	3836469	3810838	3834130	0.58	cps
Lithium	6-1	922041	915056	922189	919762	0.44	cps
Magnesium	24-2	23746	24188	24388	24107	1.36	cps
Manganese	55-2	17067	17024	16864	16985	0.63	cps

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 16:32:20	DataFile Name :	015ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2613433	2607602	2550856	2590630	1.33	cps
Molybdenum	95-1	1356322	1361090	1351641	1356351	0.35	cps
Molybdenum	96-1	1802432	1797057	1806149	1801879	0.25	cps
Molybdenum	97-1	845067	849108	847984	847386	0.25	cps
Molybdenum	98-1	2214817	2237727	2257264	2236603	0.95	cps
Neodymium	150-1	13	33	27	24	41.66	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	37236	36699	36625	36853	0.91	cps
Phosphorus	31-2	33	0	8	14	124.91	cps
Potassium	39-2	25649	25532	26100	25760	1.16	cps
Rhodium	103-1	5400773	5402555	5395966	5399765	0.06	cps
Rhodium	103-2	1414147	1453507	1453070	1440241	1.57	cps
Scandium	45-1	3072291	3062321	3065501	3066704	0.17	cps
Scandium	45-2	25841	26375	26388	26201	1.19	cps
Selenium	77-2	120	100	150	123	20.40	cps
Selenium	78-2	381	396	426	401	5.64	cps
Selenium	82-1	16966	17114	17043	17041	0.43	cps
Silicon	28-1	1506009	1510728	1491979	1502906	0.65	cps
Silver	109-1	650115	652749	649888	650917	0.24	cps
Silver	107-1	675007	687787	681957	681584	0.94	cps
Sodium	23-2	96249	95561	95855	95888	0.36	cps
Strontium	86-1	869419	866706	873006	869710	0.36	cps
Strontium	88-1	7569826	7654676	7614815	7613106	0.56	cps
Sulfur	34-1	292011	291360	289927	291100	0.37	cps
Terbium	159-1	7698190	7644586	7724857	7689211	0.53	cps
Terbium	159-2	1471880	1506347	1501465	1493230	1.25	cps
Thallium	203-1	1160282	1175265	1162974	1166174	0.68	cps
Thallium	205-1	2862527	2901373	2845489	2869796	1.00	cps
Tin	118-1	2404645	2420043	2382821	2402503	0.78	cps
Titanium	47-1	328322	330623	330329	329758	0.38	cps
Uranium	238-1	11684246	11820073	11866875	11790398	0.80	cps
Vanadium	51-2	42769	42107	42103	42326	0.91	cps
Yttrium	89-1	6051084	6033726	6089914	6058241	0.47	cps
Yttrium	89-2	196097	201164	200204	199155	1.35	cps
Zinc	66-2	20856	20585	20853	20765	0.75	cps
Zirconium	90-1	4861216	4888061	4850111	4866463	0.40	cps

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 16:32:20	DataFile Name :	015ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1078456	1086655	1071394	1078835	0.71	cps

LB Number : LB93007 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P8
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2018-01-30 16:38:36 DataFile Name : 016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	25	17	17	50.01	cps
Antimony	121-1	1233	1117	1308	1220	7.92	cps
Arsenic	75-2	2	2	4	2	43.30	cps
Barium	135-1	33	83	50	56	45.83	cps
Barium	137-1	50	42	92	61	43.83	cps
Beryllium	9-1	244	267	261	257	4.49	cps
Bismuth	209-1	4824635	5252801	5240515	5105983	4.77	cps
Bismuth	209-2	1254805	1242273	1241106	1246061	0.61	cps
Boron	10-1	975	1042	1083	1033	5.29	cps
Boron	11-1	5059	5109	4684	4951	4.69	cps
Cadmium	111-1	585	635	759	660	13.52	cps
Cadmium	106-1	783	908	1025	906	13.35	cps
Cadmium	108-1	13	13	13	13	0.00	cps
Calcium	43-1	758	683	592	678	12.32	cps
Calcium	44-1	10863	11172	10329	10788	3.95	cps
Chromium	52-2	223	203	277	234	16.17	cps
Cobalt	59-2	50	57	70	59	17.29	cps
Copper	63-2	120	133	97	117	15.91	cps
Dysprosium	156-1	8	25	8	14	69.31	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	33	25	17	25	33.32	cps
Erbium	164-2	3	0	3	2	86.60	cps
Gadolinium	160-1	17	58	17	31	78.72	cps
Gadolinium	160-2	7	0	7	4	86.60	cps
Holmium	165-1	6897010	7486403	7472918	7285444	4.62	cps
Holmium	165-2	1565875	1556639	1548941	1557152	0.54	cps
Indium	115-1	5443333	5860928	5866472	5723578	4.24	cps
Indium	115-2	273403	272959	276046	274136	0.61	cps
Iron	56-2	2311	2145	2517	2324	8.02	cps
Iron	57-2	72	100	78	83	17.63	cps
Lead	206-1	483	372	383	413	14.82	cps
Lead	207-1	417	467	406	430	7.58	cps
Lead	208-1	1822	1733	1756	1770	2.61	cps
Lithium	6-1	833369	900462	914518	882783	4.91	cps
Magnesium	24-2	492	617	550	553	11.32	cps
Manganese	55-2	27	13	20	20	33.35	cps

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 16:38:36	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	283	158	258	233	28.35	cps
Molybdenum	95-1	142	100	158	133	22.54	cps
Molybdenum	96-1	108	142	233	161	40.18	cps
Molybdenum	97-1	167	92	142	133	28.64	cps
Molybdenum	98-1	108	217	208	178	33.91	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	413	510	413	446	12.53	cps
Phosphorus	31-2	0	0	17	6	173.21	cps
Potassium	39-2	2525	2342	2484	2450	3.92	cps
Rhodium	103-1	5002554	5427518	5419358	5283143	4.60	cps
Rhodium	103-2	1447108	1451404	1445455	1447989	0.21	cps
Scandium	45-1	2775886	3044318	3042029	2954078	5.22	cps
Scandium	45-2	26074	26098	26151	26108	0.15	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	7	7	0	5	86.60	cps
Selenium	82-1	23	-12	-69	-19	-239.72	cps
Silicon	28-1	322358	318197	319898	320151	0.65	cps
Silver	109-1	108	150	225	161	36.70	cps
Silver	107-1	167	175	200	181	9.61	cps
Sodium	23-2	6710	6702	7302	6905	4.99	cps
Strontium	86-1	633	458	525	539	16.39	cps
Strontium	88-1	158	158	158	158	0.00	cps
Sulfur	34-1	287697	290155	288430	288761	0.44	cps
Terbium	159-1	6995996	7634234	7550125	7393452	4.69	cps
Terbium	159-2	1500414	1487368	1487821	1491868	0.50	cps
Thallium	203-1	517	458	492	489	5.99	cps
Thallium	205-1	1317	1158	1083	1186	10.04	cps
Tin	118-1	950	825	1142	972	16.41	cps
Titanium	47-1	108	117	117	114	4.22	cps
Uranium	238-1	83	100	200	128	49.38	cps
Vanadium	51-2	17	3	13	11	62.48	cps
Yttrium	89-1	5549208	5984783	6026010	5853334	4.51	cps
Yttrium	89-2	203048	200272	200778	201366	0.73	cps
Zinc	66-2	10	7	13	10	33.30	cps
Zirconium	90-1	350	567	508	475	23.60	cps

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 16:38:36	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	117	83	100	100	16.66	cps

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 16:42:35	DataFile Name :	017ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	390813	384643	380857	385438	1.30	cps
Antimony	121-1	8069	7919	7786	7925	1.79	cps
Arsenic	75-2	13	20	26	20	32.94	cps
Barium	135-1	1975	2225	2359	2186	8.90	cps
Barium	137-1	4084	3501	3742	3776	7.77	cps
Beryllium	9-1	344	344	356	348	1.84	cps
Bismuth	209-1	5057370	4999609	4981755	5012911	0.79	cps
Bismuth	209-2	1193789	1191628	1191432	1192283	0.11	cps
Boron	10-1	983	975	892	950	5.34	cps
Boron	11-1	4718	4893	4359	4657	5.84	cps
Cadmium	111-1	1261	977	1033	1090	13.80	cps
Cadmium	106-1	1000	1042	850	964	10.46	cps
Cadmium	108-1	633	729	708	690	7.30	cps
Calcium	43-1	1274345	1275165	1289128	1279546	0.65	cps
Calcium	44-1	20855419	20795584	20977082	20876029	0.44	cps
Chromium	52-2	11612	11085	11091	11262	2.68	cps
Cobalt	59-2	1477	1600	1463	1513	4.98	cps
Copper	63-2	8286	8293	7502	8027	5.66	cps
Dysprosium	156-1	8	58	42	36	70.51	cps
Dysprosium	156-2	13	10	7	10	33.30	cps
Erbium	164-1	17	50	75	47	61.97	cps
Erbium	164-2	7	3	17	9	78.08	cps
Gadolinium	160-1	42	25	67	44	47.19	cps
Gadolinium	160-2	20	7	3	10	88.20	cps
Holmium	165-1	7505572	7523923	7496233	7508576	0.19	cps
Holmium	165-2	1562994	1560418	1560100	1561171	0.10	cps
Indium	115-1	5791128	5788753	5824506	5801462	0.34	cps
Indium	115-2	269206	267410	266743	267786	0.48	cps
Iron	56-2	38625154	38521648	38159749	38435517	0.64	cps
Iron	57-2	963738	957774	954070	958527	0.51	cps
Lead	206-1	23289	22654	22610	22851	1.66	cps
Lead	207-1	18725	17368	17585	17893	4.08	cps
Lead	208-1	87245	84857	84723	85608	1.66	cps
Lithium	6-1	845304	843155	838206	842222	0.43	cps
Magnesium	24-2	1941930	1933115	1910634	1928560	0.84	cps
Manganese	55-2	1270	1260	1377	1302	4.97	cps

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 16:42:35	DataFile Name :	017ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2988364	2976917	2972006	2979096	0.28	cps
Molybdenum	95-1	5223365	5261741	5276672	5253926	0.52	cps
Molybdenum	96-1	5613391	5656892	5650084	5640122	0.41	cps
Molybdenum	97-1	3320950	3330768	3302542	3318087	0.43	cps
Molybdenum	98-1	8450132	8440169	8336577	8408959	0.75	cps
Neodymium	150-1	33	20	53	36	47.20	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	2364	2310	2280	2318	1.82	cps
Phosphorus	31-2	29482	28054	28296	28611	2.67	cps
Potassium	39-2	1170032	1151801	1149509	1157114	0.97	cps
Rhodium	103-1	5244237	5210904	5158447	5204529	0.83	cps
Rhodium	103-2	1403068	1398158	1397917	1399714	0.21	cps
Scandium	45-1	3082047	3062664	3065013	3069908	0.34	cps
Scandium	45-2	26619	26031	25630	26093	1.91	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	0	1	173.21	cps
Selenium	82-1	69	76	20	55	55.30	cps
Silicon	28-1	420872	418252	420452	419859	0.34	cps
Silver	109-1	458	508	483	483	5.17	cps
Silver	107-1	592	633	633	619	3.88	cps
Sodium	23-2	4453300	4378434	4420891	4417542	0.85	cps
Strontium	86-1	58786	58393	58794	58657	0.39	cps
Strontium	88-1	512876	503449	504298	506874	1.03	cps
Sulfur	34-1	1824527	1808198	1785821	1806182	1.08	cps
Terbium	159-1	7632239	7682479	7632617	7649112	0.38	cps
Terbium	159-2	1486772	1485233	1487356	1486454	0.07	cps
Thallium	203-1	1150	1133	1317	1200	8.45	cps
Thallium	205-1	2659	2809	2875	2781	3.99	cps
Tin	118-1	1584	1350	1542	1492	8.34	cps
Titanium	47-1	1318535	1305621	1289230	1304462	1.13	cps
Uranium	238-1	517	367	467	450	16.97	cps
Vanadium	51-2	53	73	77	68	18.62	cps
Yttrium	89-1	6069486	6078044	6084024	6077185	0.12	cps
Yttrium	89-2	203826	201953	199452	201744	1.09	cps
Zinc	66-2	1080	1193	1150	1141	5.01	cps
Zirconium	90-1	650	925	817	797	17.38	cps

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 16:42:35	DataFile Name :	017ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	183	158	167	169	7.51	cps

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 16:45:43	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	379853	368614	374583	374350	1.50	cps
Antimony	121-1	142292	140458	139354	140701	1.05	cps
Arsenic	75-2	1646	1563	1485	1565	5.15	cps
Barium	135-1	30812	31079	31547	31146	1.19	cps
Barium	137-1	53903	54145	53568	53872	0.54	cps
Beryllium	9-1	14202	14380	14396	14326	0.75	cps
Bismuth	209-1	4939081	5060196	5039705	5012994	1.29	cps
Bismuth	209-2	1187526	1181076	1177356	1181986	0.44	cps
Boron	10-1	8803	8970	9220	8998	2.33	cps
Boron	11-1	41686	41252	44286	42408	3.87	cps
Cadmium	111-1	28590	29109	29152	28950	1.08	cps
Cadmium	106-1	5560	5768	4893	5407	8.46	cps
Cadmium	108-1	3334	3009	3105	3149	5.30	cps
Calcium	43-1	1259559	1270102	1296505	1275389	1.49	cps
Calcium	44-1	20691428	20739936	20734075	20721813	0.13	cps
Chromium	52-2	22245	21954	22218	22139	0.73	cps
Cobalt	59-2	25677	25400	25016	25364	1.31	cps
Copper	63-2	28242	27995	28676	28305	1.22	cps
Dysprosium	156-1	8	17	58	28	96.44	cps
Dysprosium	156-2	13	3	7	8	65.47	cps
Erbium	164-1	67	33	33	44	43.31	cps
Erbium	164-2	10	7	0	6	91.64	cps
Gadolinium	160-1	50	75	92	72	29.04	cps
Gadolinium	160-2	7	7	3	6	34.70	cps
Holmium	165-1	7529301	7540757	7524272	7531443	0.11	cps
Holmium	165-2	1560161	1551477	1542037	1551225	0.58	cps
Indium	115-1	5701663	5749756	5736556	5729325	0.43	cps
Indium	115-2	264544	264879	260898	263441	0.84	cps
Iron	56-2	37652388	37518112	37403695	37524732	0.33	cps
Iron	57-2	943496	930989	932581	935689	0.73	cps
Lead	206-1	116132	116323	117280	116578	0.53	cps
Lead	207-1	94259	98250	96738	96415	2.09	cps
Lead	208-1	444036	451473	449799	448436	0.87	cps
Lithium	6-1	834225	835964	838586	836258	0.26	cps
Magnesium	24-2	1886619	1837134	1847592	1857115	1.40	cps
Manganese	55-2	4461	4578	4471	4503	1.44	cps

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 16:45:43	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3477315	3494857	3502869	3491680	0.37	cps
Molybdenum	95-1	5514761	5532742	5552197	5533233	0.34	cps
Molybdenum	96-1	5965516	5991864	5979557	5978979	0.22	cps
Molybdenum	97-1	3467198	3510956	3518477	3498877	0.79	cps
Molybdenum	98-1	8810841	8846329	8805200	8820790	0.25	cps
Neodymium	150-1	33	20	33	29	26.64	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	8816	8673	8736	8742	0.82	cps
Phosphorus	31-2	28830	27327	28054	28070	2.68	cps
Potassium	39-2	1135486	1116864	1120262	1124204	0.88	cps
Rhodium	103-1	5173206	5184433	5161989	5173209	0.22	cps
Rhodium	103-2	1386975	1384351	1377491	1382939	0.35	cps
Scandium	45-1	3016053	3019028	3000897	3011993	0.32	cps
Scandium	45-2	26078	25944	25346	25789	1.51	cps
Selenium	77-2	10	7	17	11	45.82	cps
Selenium	78-2	41	30	57	43	32.83	cps
Selenium	82-1	1714	1582	1689	1662	4.23	cps
Silicon	28-1	663212	659038	657882	660044	0.42	cps
Silver	109-1	123377	121041	121882	122100	0.97	cps
Silver	107-1	125724	127987	123260	125657	1.88	cps
Sodium	23-2	4281182	4250593	4252318	4261364	0.40	cps
Strontium	86-1	235071	233846	235344	234754	0.34	cps
Strontium	88-1	2053633	2073793	2062034	2063153	0.49	cps
Sulfur	34-1	1778894	1772724	1768909	1773509	0.28	cps
Terbium	159-1	7519048	7689531	7596137	7601572	1.12	cps
Terbium	159-2	1495424	1480465	1473312	1483067	0.76	cps
Thallium	203-1	116043	113513	114462	114673	1.11	cps
Thallium	205-1	273414	273960	274027	273800	0.12	cps
Tin	118-1	463177	466650	461876	463901	0.53	cps
Titanium	47-1	1364624	1360787	1346477	1357296	0.70	cps
Uranium	238-1	1947245	1994845	1971870	1971320	1.21	cps
Vanadium	51-2	8316	8583	8266	8388	2.03	cps
Yttrium	89-1	5971840	6082649	6047011	6033833	0.94	cps
Yttrium	89-2	199354	197846	197102	198101	0.58	cps
Zinc	66-2	2934	2847	2874	2885	1.54	cps
Zirconium	90-1	988653	984200	981356	984736	0.37	cps

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 16:45:43	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	218655	221063	220058	219925	0.55	cps

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	CCV052	Instrumnet Name :	P8
Client Sample ID :	CCV052	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 16:48:50	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	206261	207116	205906	206428	0.30	cps
Antimony	121-1	3433623	3464975	3453024	3450540	0.46	cps
Arsenic	75-2	38166	38156	37924	38082	0.36	cps
Barium	135-1	3638683	3671529	3669809	3660007	0.51	cps
Barium	137-1	6309371	6355166	6334598	6333045	0.36	cps
Beryllium	9-1	347483	352691	349271	349815	0.76	cps
Bismuth	209-1	4972591	5008395	5006621	4995869	0.40	cps
Bismuth	209-2	1164113	1141852	1148312	1151426	0.99	cps
Boron	10-1	38553	39756	41561	39957	3.79	cps
Boron	11-1	181139	189737	193983	188286	3.48	cps
Cadmium	111-1	681056	682813	688698	684189	0.59	cps
Cadmium	106-1	70727	72864	71674	71755	1.49	cps
Cadmium	108-1	48793	48086	50051	48976	2.03	cps
Calcium	43-1	3215172	3209065	3208355	3210864	0.12	cps
Calcium	44-1	51943706	52282679	52231977	52152788	0.35	cps
Chromium	52-2	284644	286301	283305	284750	0.53	cps
Cobalt	59-2	592290	599464	595275	595676	0.61	cps
Copper	63-2	1001224	1005338	1002720	1003094	0.21	cps
Dysprosium	156-1	50	25	58	44	39.04	cps
Dysprosium	156-2	17	13	17	16	12.40	cps
Erbium	164-1	33	42	83	53	50.76	cps
Erbium	164-2	7	3	7	6	34.70	cps
Gadolinium	160-1	50	58	58	56	8.67	cps
Gadolinium	160-2	13	13	7	11	34.61	cps
Holmium	165-1	7461310	7520137	7508365	7496604	0.42	cps
Holmium	165-2	1534009	1512857	1522099	1522988	0.70	cps
Indium	115-1	5670765	5696220	5688959	5685315	0.23	cps
Indium	115-2	257238	251694	253814	254249	1.10	cps
Iron	56-2	46608702	47167772	46592454	46789643	0.70	cps
Iron	57-2	1172609	1178277	1172048	1174311	0.29	cps
Lead	206-1	2364042	2395992	2406761	2388932	0.93	cps
Lead	207-1	2166952	2185508	2176404	2176288	0.43	cps
Lead	208-1	9618600	9713974	9714251	9682275	0.57	cps
Lithium	6-1	831576	842408	845181	839722	0.86	cps
Magnesium	24-2	4721323	4707617	4690774	4706572	0.33	cps
Manganese	55-2	166354	168590	168188	167711	0.71	cps

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	CCV052	Instrumnet Name :	P8
Client Sample ID :	CCV052	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 16:48:50	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5570773	5620484	5621159	5604139	0.52	cps
Molybdenum	95-1	6826437	6902754	6900021	6876404	0.63	cps
Molybdenum	96-1	7601051	7708910	7678916	7662959	0.73	cps
Molybdenum	97-1	4293784	4366059	4285055	4314966	1.03	cps
Molybdenum	98-1	10886257	11113357	11011062	11003559	1.03	cps
Neodymium	150-1	147	140	160	149	6.84	cps
Neodymium	150-2	13	0	10	8	89.21	cps
Nickel	60-2	170371	172355	171245	171324	0.58	cps
Phosphorus	31-2	3250	3142	2984	3125	4.29	cps
Potassium	39-2	1479943	1461147	1440099	1460396	1.36	cps
Rhodium	103-1	5049012	5085550	5066817	5067126	0.36	cps
Rhodium	103-2	1345733	1323481	1328485	1332566	0.88	cps
Scandium	45-1	2981136	2978530	2999945	2986537	0.39	cps
Scandium	45-2	25320	25453	25380	25384	0.26	cps
Selenium	77-2	253	253	263	257	2.25	cps
Selenium	78-2	863	876	987	909	7.51	cps
Selenium	82-1	42326	42342	42292	42320	0.06	cps
Silicon	28-1	1659144	1681569	1704337	1681683	1.34	cps
Silver	109-1	3237896	3260759	3273205	3257287	0.55	cps
Silver	107-1	3372560	3387731	3337492	3365927	0.77	cps
Sodium	23-2	10963103	10920870	10952966	10945647	0.20	cps
Strontium	86-1	898007	893614	901430	897684	0.44	cps
Strontium	88-1	7779468	7766893	7895272	7813878	0.91	cps
Sulfur	34-1	453351	457079	455051	455160	0.41	cps
Terbium	159-1	7595900	7650614	7671889	7639468	0.51	cps
Terbium	159-2	1473046	1440602	1447990	1453879	1.17	cps
Thallium	203-1	2889999	2889754	2909409	2896387	0.39	cps
Thallium	205-1	6766125	6864680	6877368	6836058	0.89	cps
Tin	118-1	2316154	2358988	2353932	2343025	1.00	cps
Titanium	47-1	1626359	1635954	1638804	1633706	0.40	cps
Uranium	238-1	9845271	9976976	9837347	9886531	0.79	cps
Vanadium	51-2	214993	215149	214367	214836	0.19	cps
Yttrium	89-1	5984963	5928123	5954973	5956020	0.48	cps
Yttrium	89-2	197015	189853	192852	193240	1.86	cps
Zinc	66-2	95536	96694	97076	96436	0.83	cps
Zirconium	90-1	4677974	4734890	4771830	4728231	1.00	cps

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	CCV052	Instrumnet Name :	P8
Client Sample ID :	CCV052	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 16:48:50	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1031536	1046881	1043055	1040491	0.77	cps

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	CCB052	Instrumnet Name :	P8
Client Sample ID :	CCB052	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 16:55:53	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	8	25	17	50.01	cps
Antimony	121-1	1900	2075	1817	1931	6.83	cps
Arsenic	75-2	6	4	6	5	21.74	cps
Barium	135-1	8	42	25	25	66.68	cps
Barium	137-1	83	42	50	58	37.80	cps
Beryllium	9-1	244	161	200	202	20.66	cps
Bismuth	209-1	5115545	5120417	4900629	5045530	2.49	cps
Bismuth	209-2	1205321	1212102	1235833	1217752	1.32	cps
Boron	10-1	950	850	875	892	5.84	cps
Boron	11-1	4351	4259	4234	4281	1.43	cps
Cadmium	111-1	644	683	589	639	7.37	cps
Cadmium	106-1	875	908	808	864	5.89	cps
Cadmium	108-1	8	4	8	7	34.59	cps
Calcium	43-1	558	600	717	625	13.13	cps
Calcium	44-1	11347	11397	10321	11021	5.51	cps
Chromium	52-2	297	250	217	254	15.79	cps
Cobalt	59-2	47	40	50	46	11.18	cps
Copper	63-2	133	157	187	159	16.83	cps
Dysprosium	156-1	25	0	0	8	173.21	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	8	17	42	22	78.07	cps
Erbium	164-2	7	7	7	7	0.00	cps
Gadolinium	160-1	42	67	33	47	36.74	cps
Gadolinium	160-2	3	3	7	4	43.40	cps
Holmium	165-1	7230573	7246295	7014991	7163953	1.80	cps
Holmium	165-2	1502819	1505210	1542981	1517003	1.49	cps
Indium	115-1	5760662	5687572	5537989	5662075	2.00	cps
Indium	115-2	263495	264888	269805	266063	1.25	cps
Iron	56-2	3195	2895	3456	3182	8.83	cps
Iron	57-2	72	100	111	94	21.21	cps
Lead	206-1	750	550	561	620	18.12	cps
Lead	207-1	594	583	578	585	1.45	cps
Lead	208-1	2734	2450	2417	2534	6.87	cps
Lithium	6-1	855209	860582	824420	846737	2.30	cps
Magnesium	24-2	583	592	625	600	3.67	cps
Manganese	55-2	33	17	27	26	32.81	cps

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	CCB052	Instrumnet Name :	P8
Client Sample ID :	CCB052	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 16:55:53	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	258	225	350	278	23.30	cps
Molybdenum	95-1	167	183	142	164	12.80	cps
Molybdenum	96-1	250	283	325	286	13.13	cps
Molybdenum	97-1	108	183	133	142	26.96	cps
Molybdenum	98-1	308	275	317	300	7.35	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	530	603	550	561	6.76	cps
Phosphorus	31-2	0	8	17	8	100.02	cps
Potassium	39-2	2434	2834	2425	2564	9.10	cps
Rhodium	103-1	5218525	5236647	5035508	5163560	2.15	cps
Rhodium	103-2	1399718	1394323	1432425	1408822	1.46	cps
Scandium	45-1	2941333	2883852	2815647	2880277	2.18	cps
Scandium	45-2	25183	24929	25156	25089	0.56	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	6	6	4	86.60	cps
Selenium	82-1	-30	48	-8	3	1185.15	cps
Silicon	28-1	310822	310451	311588	310954	0.19	cps
Silver	109-1	233	217	325	258	22.58	cps
Silver	107-1	283	308	208	267	19.52	cps
Sodium	23-2	7486	6994	7544	7341	4.12	cps
Strontium	86-1	625	392	433	483	25.75	cps
Strontium	88-1	125	142	83	117	25.75	cps
Sulfur	34-1	284287	285308	284339	284645	0.20	cps
Terbium	159-1	7440988	7444374	7134517	7339960	2.42	cps
Terbium	159-2	1446900	1442767	1468591	1452753	0.95	cps
Thallium	203-1	775	633	733	714	10.20	cps
Thallium	205-1	1575	1484	1709	1589	7.12	cps
Tin	118-1	875	883	858	872	1.46	cps
Titanium	47-1	117	150	142	136	12.75	cps
Uranium	238-1	25	33	50	36	35.25	cps
Vanadium	51-2	0	10	13	8	89.21	cps
Yttrium	89-1	5817404	5835876	5650346	5767875	1.77	cps
Yttrium	89-2	192516	191072	196751	193446	1.53	cps
Zinc	66-2	13	30	27	23	37.81	cps
Zirconium	90-1	500	517	433	483	9.12	cps

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	CCB052	Instrumnet Name :	P8
Client Sample ID :	CCB052	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 16:55:53	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	42	92	142	92	54.55	cps

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 16:59:04	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125	150	58	111	42.65	cps
Antimony	121-1	12790	12957	13174	12974	1.48	cps
Arsenic	75-2	59	76	56	64	17.07	cps
Barium	135-1	12815	13140	13199	13051	1.58	cps
Barium	137-1	23238	23396	22921	23185	1.04	cps
Beryllium	9-1	767	750	967	828	14.57	cps
Bismuth	209-1	5336527	5144148	5356179	5278952	2.22	cps
Bismuth	209-2	1259241	1252128	1249037	1253469	0.42	cps
Boron	10-1	2425	2500	2609	2511	3.67	cps
Boron	11-1	10496	11305	11930	11244	6.40	cps
Cadmium	111-1	2115	1857	2062	2011	6.78	cps
Cadmium	106-1	1192	1108	1058	1120	6.02	cps
Cadmium	108-1	88	158	154	133	29.81	cps
Calcium	43-1	6810	6644	6585	6680	1.75	cps
Calcium	44-1	106352	105672	105704	105909	0.36	cps
Chromium	52-2	1370	1340	1377	1362	1.43	cps
Cobalt	59-2	1203	1193	1123	1173	3.72	cps
Copper	63-2	2050	2107	2137	2098	2.10	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	42	58	17	39	53.93	cps
Erbium	164-2	3	3	0	2	86.60	cps
Gadolinium	160-1	42	17	17	25	57.73	cps
Gadolinium	160-2	7	0	7	4	86.60	cps
Holmium	165-1	7503728	7298248	7583721	7461899	1.97	cps
Holmium	165-2	1574017	1556719	1569820	1566852	0.58	cps
Indium	115-1	5886542	5712933	5944823	5848099	2.06	cps
Indium	115-2	273185	272231	271918	272444	0.24	cps
Iron	56-2	20899	21161	20677	20912	1.16	cps
Iron	57-2	611	611	439	554	17.96	cps
Lead	206-1	4990	5084	4823	4966	2.66	cps
Lead	207-1	4584	4556	4440	4527	1.69	cps
Lead	208-1	20535	20351	19829	20238	1.81	cps
Lithium	6-1	880285	861852	887130	876422	1.49	cps
Magnesium	24-2	9170	8987	9587	9248	3.33	cps
Manganese	55-2	213	163	217	198	15.11	cps

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 16:59:04	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	9520	9912	10671	10035	5.83	cps
Molybdenum	95-1	12581	12748	11856	12395	3.83	cps
Molybdenum	96-1	14208	14166	13916	14097	1.12	cps
Molybdenum	97-1	7377	7519	7302	7400	1.49	cps
Molybdenum	98-1	19965	19590	19915	19824	1.03	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	983	970	983	979	0.79	cps
Phosphorus	31-2	17	0	8	8	100.02	cps
Potassium	39-2	7627	7794	7928	7783	1.93	cps
Rhodium	103-1	5364340	5233189	5430101	5342543	1.88	cps
Rhodium	103-2	1463580	1448080	1446228	1452630	0.66	cps
Scandium	45-1	3028244	2904752	3049222	2994073	2.61	cps
Scandium	45-2	25690	25680	26268	25880	1.30	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	11	6	13	10	38.99	cps
Selenium	82-1	398	394	416	403	2.93	cps
Silicon	28-1	347882	348630	342910	346474	0.90	cps
Silver	109-1	6252	6085	6152	6163	1.36	cps
Silver	107-1	6502	6844	6435	6594	3.32	cps
Sodium	23-2	27644	27611	26776	27344	1.80	cps
Strontium	86-1	1867	2075	2125	2022	6.78	cps
Strontium	88-1	14442	13641	13808	13963	3.03	cps
Sulfur	34-1	288963	289108	293244	290438	0.84	cps
Terbium	159-1	7628649	7512815	7779043	7640169	1.75	cps
Terbium	159-2	1507176	1496827	1495133	1499712	0.43	cps
Thallium	203-1	5493	6227	5752	5824	6.39	cps
Thallium	205-1	14484	13825	13775	14028	2.82	cps
Tin	118-1	22804	23521	23713	23346	2.05	cps
Titanium	47-1	3242	3234	3075	3184	2.95	cps
Uranium	238-1	17079	17463	17288	17277	1.11	cps
Vanadium	51-2	1940	1733	1800	1825	5.78	cps
Yttrium	89-1	6086442	5865133	6070529	6007368	2.05	cps
Yttrium	89-2	201776	198787	199538	200034	0.78	cps
Zinc	66-2	217	240	210	222	7.09	cps
Zirconium	90-1	9062	9195	9003	9087	1.08	cps

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 16:59:04	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1642	2159	2109	1970	14.47	cps

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	J1227-18ADLX2	Instrumnet Name :	P8
Client Sample ID :	MF6B16A	Dilution Factor :	2
Date & Time Acquired ::	2018-01-30 17:02:15	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42130	42038	41963	42044	0.20	cps
Antimony	121-1	1258	1092	1242	1197	7.67	cps
Arsenic	75-2	2489	2561	2623	2558	2.61	cps
Barium	135-1	1069884	1071531	1061763	1067726	0.49	cps
Barium	137-1	1920362	1907842	1912023	1913409	0.33	cps
Beryllium	9-1	1161	967	1078	1069	9.13	cps
Bismuth	209-1	5351426	5325377	5351544	5342782	0.28	cps
Bismuth	209-2	1249574	1250107	1245243	1248308	0.21	cps
Boron	10-1	1000	692	858	850	18.16	cps
Boron	11-1	4109	4359	4334	4267	3.23	cps
Cadmium	111-1	768	924	899	864	9.71	cps
Cadmium	106-1	858	1133	1058	1017	13.98	cps
Cadmium	108-1	29	33	13	25	44.09	cps
Calcium	43-1	73593	75025	75026	74548	1.11	cps
Calcium	44-1	1202647	1222424	1216736	1213936	0.84	cps
Chromium	52-2	10397	10204	10391	10331	1.06	cps
Cobalt	59-2	19277	18980	19203	19153	0.81	cps
Copper	63-2	27113	27527	27801	27481	1.26	cps
Dysprosium	156-1	31697	31356	31347	31467	0.64	cps
Dysprosium	156-2	6842	6872	6702	6805	1.33	cps
Erbium	164-1	25643	25284	25994	25640	1.39	cps
Erbium	164-2	4951	4891	4964	4935	0.79	cps
Gadolinium	160-1	30470	29184	30595	30083	2.60	cps
Gadolinium	160-2	8246	8189	8299	8245	0.67	cps
Holmium	165-1	7673041	7660102	7664019	7665721	0.09	cps
Holmium	165-2	1568592	1572232	1578786	1573203	0.33	cps
Indium	115-1	6010275	5983082	5960994	5984784	0.41	cps
Indium	115-2	272499	272102	272834	272478	0.13	cps
Iron	56-2	8957468	8896618	8864329	8906139	0.53	cps
Iron	57-2	219947	223356	223547	222284	0.91	cps
Lead	206-1	114311	114001	112697	113669	0.75	cps
Lead	207-1	93548	93397	92222	93056	0.78	cps
Lead	208-1	442051	437432	434351	437945	0.88	cps
Lithium	6-1	884566	892120	891982	889556	0.49	cps
Magnesium	24-2	120196	120615	118590	119800	0.89	cps
Manganese	55-2	262486	264782	264283	263850	0.46	cps

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	J1227-18ADLX2	Instrumnet Name :	P8
Client Sample ID :	MF6B16A	Dilution Factor :	2
Date & Time Acquired ::	2018-01-30 17:02:15	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4509	4893	4918	4773	4.80	cps
Molybdenum	95-1	2267	2075	2284	2209	5.24	cps
Molybdenum	96-1	3284	3042	3309	3212	4.59	cps
Molybdenum	97-1	1567	1459	1275	1433	10.29	cps
Molybdenum	98-1	3609	3817	3117	3515	10.23	cps
Neodymium	150-1	48818	48255	47814	48296	1.04	cps
Neodymium	150-2	6398	6558	6605	6521	1.66	cps
Nickel	60-2	12516	12239	12589	12448	1.48	cps
Phosphorus	31-2	250	150	167	189	28.36	cps
Potassium	39-2	16393	15668	16285	16115	2.43	cps
Rhodium	103-1	5392677	5448212	5436131	5425673	0.54	cps
Rhodium	103-2	1453230	1454667	1454930	1454275	0.06	cps
Scandium	45-1	3016448	3090928	3049110	3052162	1.22	cps
Scandium	45-2	25891	25824	26038	25917	0.42	cps
Selenium	77-2	23	30	70	41	61.40	cps
Selenium	78-2	26	37	44	36	26.02	cps
Selenium	82-1	915	912	917	915	0.30	cps
Silicon	28-1	9063256	9038398	9109309	9070321	0.40	cps
Silver	109-1	442	425	550	472	14.37	cps
Silver	107-1	475	683	658	606	18.79	cps
Sodium	23-2	21383	20073	21442	20966	3.69	cps
Strontium	86-1	65575	65281	63993	64950	1.30	cps
Strontium	88-1	573461	571284	572656	572467	0.19	cps
Sulfur	34-1	277382	275754	273734	275623	0.66	cps
Terbium	159-1	7793913	7850352	7742994	7795753	0.69	cps
Terbium	159-2	1501248	1518615	1511854	1510572	0.58	cps
Thallium	203-1	2192	2309	2492	2331	6.49	cps
Thallium	205-1	5760	5693	5543	5665	1.96	cps
Tin	118-1	2909	2184	2775	2623	14.72	cps
Titanium	47-1	13215	13374	13282	13290	0.60	cps
Uranium	238-1	12724	12699	12807	12743	0.45	cps
Vanadium	51-2	16033	15759	15722	15838	1.07	cps
Yttrium	89-1	6379671	6466892	6463571	6436712	0.77	cps
Yttrium	89-2	214205	214868	215051	214708	0.21	cps
Zinc	66-2	6662	6735	6565	6654	1.28	cps
Zirconium	90-1	9320	9395	9579	9431	1.41	cps

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	J1227-18ADLX2	Instrumnet Name :	P8
Client Sample ID :	MF6B16A	Dilution Factor :	2
Date & Time Acquired ::	2018-01-30 17:02:15	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2317	2200	1967	2161	8.25	cps

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	J1278-20A	Instrumnet Name :	P8
Client Sample ID :	MF6C36A	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 17:05:25	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	44647	44538	44922	44702	0.44	cps
Antimony	121-1	1333	1325	1317	1325	0.63	cps
Arsenic	75-2	365	369	339	357	4.52	cps
Barium	135-1	450625	447620	450500	449582	0.38	cps
Barium	137-1	791698	787744	792840	790761	0.34	cps
Beryllium	9-1	783	828	739	783	5.67	cps
Bismuth	209-1	5292447	5296053	5293618	5294039	0.03	cps
Bismuth	209-2	1249027	1244817	1248307	1247384	0.18	cps
Boron	10-1	1058	958	967	995	5.58	cps
Boron	11-1	4526	5051	4726	4768	5.56	cps
Cadmium	111-1	1044	984	1035	1021	3.17	cps
Cadmium	106-1	1133	1067	1142	1114	3.69	cps
Cadmium	108-1	58	42	50	50	16.66	cps
Calcium	43-1	458289	457728	448087	454701	1.26	cps
Calcium	44-1	7508266	7435663	7413960	7452630	0.66	cps
Chromium	52-2	11101	10588	10407	10699	3.37	cps
Cobalt	59-2	12372	12356	12576	12435	0.99	cps
Copper	63-2	19060	18222	17972	18418	3.09	cps
Dysprosium	156-1	30361	30561	30821	30581	0.75	cps
Dysprosium	156-2	6625	6438	6655	6573	1.79	cps
Erbium	164-1	25050	24758	23723	24510	2.85	cps
Erbium	164-2	4874	4638	4704	4739	2.58	cps
Gadolinium	160-1	29535	29300	30236	29690	1.64	cps
Gadolinium	160-2	8206	8193	8199	8199	0.08	cps
Holmium	165-1	7720795	7575724	7648821	7648447	0.95	cps
Holmium	165-2	1621351	1575256	1585295	1593967	1.52	cps
Indium	115-1	5940395	5899626	5906599	5915540	0.37	cps
Indium	115-2	271115	269874	266622	269204	0.86	cps
Iron	56-2	7208300	7211882	7208134	7209439	0.03	cps
Iron	57-2	180413	178926	182856	180732	1.10	cps
Lead	206-1	114209	114052	113278	113846	0.44	cps
Lead	207-1	96766	97164	97858	97263	0.57	cps
Lead	208-1	452071	448773	448637	449827	0.43	cps
Lithium	6-1	871854	878027	877416	875765	0.39	cps
Magnesium	24-2	270162	269398	269145	269568	0.20	cps
Manganese	55-2	89025	88729	89327	89027	0.34	cps

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	J1278-20A	Instrumnet Name :	P8
Client Sample ID :	MF6C36A	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 17:05:25	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7794	7244	7069	7369	5.14	cps
Molybdenum	95-1	333	358	408	367	10.42	cps
Molybdenum	96-1	1617	1650	1809	1692	6.05	cps
Molybdenum	97-1	158	233	250	214	22.83	cps
Molybdenum	98-1	575	458	508	514	11.39	cps
Neodymium	150-1	50002	50116	50344	50154	0.35	cps
Neodymium	150-2	6752	6905	6698	6785	1.58	cps
Nickel	60-2	10037	10151	9854	10014	1.50	cps
Phosphorus	31-2	250	225	308	261	16.38	cps
Potassium	39-2	23220	22761	23637	23206	1.89	cps
Rhodium	103-1	5386120	5409512	5360176	5385270	0.46	cps
Rhodium	103-2	1451338	1439026	1440868	1443744	0.46	cps
Scandium	45-1	3090654	3083967	3033953	3069525	1.01	cps
Scandium	45-2	25754	25754	26001	25836	0.55	cps
Selenium	77-2	63	23	30	39	55.11	cps
Selenium	78-2	11	19	24	18	36.33	cps
Selenium	82-1	29	-49	3	-6	-696.36	cps
Silicon	28-1	14571337	14553791	14542173	14555767	0.10	cps
Silver	109-1	883	1050	892	942	9.97	cps
Silver	107-1	817	1050	1325	1064	23.92	cps
Sodium	23-2	19364	20474	20215	20018	2.90	cps
Strontium	86-1	119233	119999	121183	120138	0.82	cps
Strontium	88-1	1043437	1053695	1048917	1048683	0.49	cps
Sulfur	34-1	272633	270017	268854	270501	0.72	cps
Terbium	159-1	7817970	7850417	7950820	7873069	0.88	cps
Terbium	159-2	1522472	1514889	1513330	1516897	0.32	cps
Thallium	203-1	2534	2625	2475	2545	2.97	cps
Thallium	205-1	6852	6744	6944	6847	1.46	cps
Tin	118-1	3467	3192	3809	3490	8.86	cps
Titanium	47-1	54080	55519	54147	54582	1.49	cps
Uranium	238-1	21444	22371	22497	22104	2.60	cps
Vanadium	51-2	9850	9423	9387	9553	2.70	cps
Yttrium	89-1	6402758	6455193	6414337	6424096	0.43	cps
Yttrium	89-2	209616	209476	207906	208999	0.45	cps
Zinc	66-2	6128	5751	5715	5865	3.90	cps
Zirconium	90-1	19289	19189	19031	19170	0.68	cps

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	J1278-20A	Instrumnet Name :	P8
Client Sample ID :	MF6C36A	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 17:05:25	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4393	3884	4709	4329	9.62	cps

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	CCV053	Instrumnet Name :	P8
Client Sample ID :	CCV053	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 17:08:35	DataFile Name :	024CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	208087	210851	209838	209592	0.67	cps
Antimony	121-1	3493249	3479123	3497612	3489995	0.28	cps
Arsenic	75-2	38565	38097	38658	38440	0.78	cps
Barium	135-1	3756408	3724917	3711949	3731091	0.61	cps
Barium	137-1	6485661	6480850	6436982	6467831	0.41	cps
Beryllium	9-1	355106	353845	358155	355702	0.62	cps
Bismuth	209-1	5080924	5068934	5100931	5083596	0.32	cps
Bismuth	209-2	1188457	1193327	1192704	1191496	0.22	cps
Boron	10-1	38937	40432	41085	40151	2.74	cps
Boron	11-1	184631	190896	194535	190021	2.64	cps
Cadmium	111-1	694544	693050	685207	690934	0.73	cps
Cadmium	106-1	72069	72235	71540	71948	0.50	cps
Cadmium	108-1	49926	49081	48750	49252	1.23	cps
Calcium	43-1	3270118	3232826	3246670	3249871	0.58	cps
Calcium	44-1	52571379	52772656	52817968	52720668	0.25	cps
Chromium	52-2	286740	287270	289692	287901	0.55	cps
Cobalt	59-2	602435	604287	602652	603125	0.17	cps
Copper	63-2	1013686	1020321	1012245	1015417	0.42	cps
Dysprosium	156-1	58	67	58	61	7.87	cps
Dysprosium	156-2	3	7	10	7	50.03	cps
Erbium	164-1	25	33	58	39	44.62	cps
Erbium	164-2	7	0	3	3	100.05	cps
Gadolinium	160-1	50	75	67	64	19.92	cps
Gadolinium	160-2	7	7	13	9	43.25	cps
Holmium	165-1	7637420	7614389	7666364	7639391	0.34	cps
Holmium	165-2	1566123	1568115	1576059	1570099	0.33	cps
Indium	115-1	5764024	5713354	5692088	5723155	0.65	cps
Indium	115-2	258768	259022	260841	259543	0.44	cps
Iron	56-2	47048568	47447952	47348412	47281644	0.44	cps
Iron	57-2	1179568	1189353	1182810	1183910	0.42	cps
Lead	206-1	2447354	2419775	2402930	2423353	0.93	cps
Lead	207-1	2221584	2212696	2217947	2217409	0.20	cps
Lead	208-1	9871134	9836724	9783438	9830432	0.45	cps
Lithium	6-1	857519	854697	862377	858198	0.45	cps
Magnesium	24-2	4764942	4738914	4813074	4772310	0.79	cps
Manganese	55-2	168792	169535	171154	169827	0.71	cps

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	CCV053	Instrumnet Name :	P8
Client Sample ID :	CCV053	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 17:08:35	DataFile Name :	024CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5648270	5666174	5657134	5657192	0.16	cps
Molybdenum	95-1	6928278	6938209	6897268	6921252	0.31	cps
Molybdenum	96-1	7757632	7714568	7756929	7743043	0.32	cps
Molybdenum	97-1	4453806	4377915	4402886	4411536	0.88	cps
Molybdenum	98-1	11273970	11164069	11118108	11185382	0.72	cps
Neodymium	150-1	140	213	167	173	21.41	cps
Neodymium	150-2	13	13	3	10	57.75	cps
Nickel	60-2	173643	174851	173124	173873	0.51	cps
Phosphorus	31-2	3142	2817	2825	2928	6.33	cps
Potassium	39-2	1465380	1463508	1458187	1462358	0.26	cps
Rhodium	103-1	5136878	5136351	5114013	5129081	0.25	cps
Rhodium	103-2	1360551	1369042	1360425	1363339	0.36	cps
Scandium	45-1	3007789	3022303	3027987	3019360	0.34	cps
Scandium	45-2	25994	25737	25390	25707	1.18	cps
Selenium	77-2	280	270	237	262	8.65	cps
Selenium	78-2	952	926	928	935	1.55	cps
Selenium	82-1	42616	42620	42257	42497	0.49	cps
Silicon	28-1	1656117	1665931	1682590	1668213	0.80	cps
Silver	109-1	3315851	3310511	3279461	3301941	0.60	cps
Silver	107-1	3415785	3419995	3431131	3422304	0.23	cps
Sodium	23-2	11122420	11116874	11169326	11136207	0.26	cps
Strontium	86-1	909144	894038	906088	903090	0.88	cps
Strontium	88-1	7935274	7877831	7899303	7904136	0.37	cps
Sulfur	34-1	469439	467393	471958	469596	0.49	cps
Terbium	159-1	7781954	7740255	7776293	7766167	0.29	cps
Terbium	159-2	1511055	1490512	1500027	1500531	0.69	cps
Thallium	203-1	2942646	2951109	2970310	2954688	0.48	cps
Thallium	205-1	6985360	6911151	6979758	6958756	0.59	cps
Tin	118-1	2409489	2392382	2380094	2393989	0.62	cps
Titanium	47-1	1630180	1650436	1647050	1642555	0.66	cps
Uranium	238-1	10164869	10047664	10229768	10147434	0.91	cps
Vanadium	51-2	217101	216743	217927	217257	0.28	cps
Yttrium	89-1	6054807	5968017	6068071	6030298	0.90	cps
Yttrium	89-2	197763	199169	198127	198353	0.37	cps
Zinc	66-2	97489	97869	99289	98216	0.97	cps
Zirconium	90-1	4819098	4809576	4791155	4806609	0.30	cps

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	CCV053	Instrumnet Name :	P8
Client Sample ID :	CCV053	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 17:08:35	DataFile Name :	024CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1049725	1058957	1053343	1054008	0.44	cps

LB Number : LB93007 Operator : Jaswal
 Lab Sample ID : CCB053 Instrumnet Name : P8
 Client Sample ID : CCB053 Dilution Factor : 1
 Date & Time Acquired :: 2018-01-30 17:13:56 DataFile Name : 025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	25	0	14	91.65	cps
Antimony	121-1	2159	2042	1950	2050	5.09	cps
Arsenic	75-2	7	4	2	4	65.54	cps
Barium	135-1	33	33	42	36	13.33	cps
Barium	137-1	42	100	67	69	42.14	cps
Beryllium	9-1	278	272	239	263	8.00	cps
Bismuth	209-1	5259327	5235253	5312926	5269169	0.75	cps
Bismuth	209-2	1207616	1243776	1238860	1230084	1.59	cps
Boron	10-1	933	933	833	900	6.42	cps
Boron	11-1	4293	4501	4234	4343	3.23	cps
Cadmium	111-1	694	776	691	720	6.73	cps
Cadmium	106-1	950	1083	950	995	7.74	cps
Cadmium	108-1	13	4	17	11	57.27	cps
Calcium	43-1	692	675	708	692	2.41	cps
Calcium	44-1	10713	11655	11055	11141	4.28	cps
Chromium	52-2	237	250	243	243	2.74	cps
Cobalt	59-2	47	53	57	52	9.75	cps
Copper	63-2	147	147	193	162	16.61	cps
Dysprosium	156-1	17	0	17	11	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	25	33	31	15.74	cps
Erbium	164-2	3	13	0	6	124.93	cps
Gadolinium	160-1	42	17	25	28	45.82	cps
Gadolinium	160-2	0	7	3	3	100.05	cps
Holmium	165-1	7452015	7552704	7546420	7517046	0.75	cps
Holmium	165-2	1507819	1550404	1540482	1532902	1.45	cps
Indium	115-1	5838671	5892688	5862819	5864726	0.46	cps
Indium	115-2	262590	269681	271916	268063	1.82	cps
Iron	56-2	2934	3106	2850	2963	4.40	cps
Iron	57-2	61	61	44	56	17.31	cps
Lead	206-1	672	756	789	739	8.13	cps
Lead	207-1	667	511	606	594	13.18	cps
Lead	208-1	2945	2684	2717	2782	5.11	cps
Lithium	6-1	877848	883298	873549	878232	0.56	cps
Magnesium	24-2	525	392	592	503	20.25	cps
Manganese	55-2	23	33	40	32	26.04	cps

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	CCB053	Instrumnet Name :	P8
Client Sample ID :	CCB053	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 17:13:56	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	275	325	383	328	16.54	cps
Molybdenum	95-1	192	275	200	222	20.65	cps
Molybdenum	96-1	208	200	275	228	18.05	cps
Molybdenum	97-1	142	150	200	164	19.25	cps
Molybdenum	98-1	317	358	367	347	7.71	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	523	600	593	572	7.42	cps
Phosphorus	31-2	8	8	8	8	0.00	cps
Potassium	39-2	2567	2242	2317	2375	7.17	cps
Rhodium	103-1	5346082	5450120	5391792	5395998	0.97	cps
Rhodium	103-2	1381887	1441541	1437008	1420145	2.34	cps
Scandium	45-1	2958615	3036302	3003820	2999579	1.30	cps
Scandium	45-2	24742	25547	25577	25288	1.87	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	2	4	4	3	34.64	cps
Selenium	82-1	-59	-24	-26	-36	-54.48	cps
Silicon	28-1	308866	306249	303803	306306	0.83	cps
Silver	109-1	308	267	225	267	15.63	cps
Silver	107-1	342	325	333	333	2.50	cps
Sodium	23-2	7827	7561	7961	7783	2.62	cps
Strontium	86-1	417	492	408	439	10.46	cps
Strontium	88-1	167	150	142	153	8.33	cps
Sulfur	34-1	292033	290208	291054	291098	0.31	cps
Terbium	159-1	7591263	7748073	7621165	7653501	1.09	cps
Terbium	159-2	1437254	1482724	1483390	1467789	1.80	cps
Thallium	203-1	717	733	600	683	10.63	cps
Thallium	205-1	1850	1809	1717	1792	3.81	cps
Tin	118-1	883	917	750	850	10.38	cps
Titanium	47-1	117	117	125	119	4.03	cps
Uranium	238-1	100	83	83	89	10.82	cps
Vanadium	51-2	3	10	10	8	49.52	cps
Yttrium	89-1	5941478	5958244	6023091	5974271	0.72	cps
Yttrium	89-2	191132	199338	196698	195723	2.14	cps
Zinc	66-2	30	20	20	23	24.74	cps
Zirconium	90-1	425	400	492	439	10.80	cps

LB Number :	LB93007	Operator :	Jaswal
Lab Sample ID :	CCB053	Instrumnet Name :	P8
Client Sample ID :	CCB053	Dilution Factor :	1
Date & Time Acquired ::	2018-01-30 17:13:56	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	117	92	58	89	32.92	cps