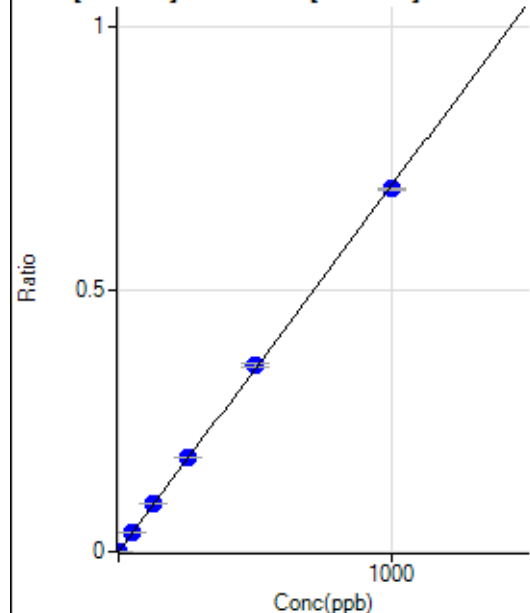


Calibration for 006CAL.S.d

Batch Folder: C:\Agilent\ICPMH\1\DATA\DWP7072321MS.b\
 Analysis File: DWP7072321MS.batch.bin
 DA Date-Time: 2021-07-26 14:33:25
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2021-07-23 13:50:05
2	004CAL.S.d	S02	2021-07-23 13:52:48
3	005CAL.S.d	S03	2021-07-23 13:55:30
4	006CAL.S.d	S04	2021-07-23 13:58:13
5	007CAL.S.d	S05	2021-07-23 14:00:56
6	008CAL.S.d	S06	2021-07-23 14:03:40
7	009CAL.S.d	S07	2021-07-23 14:06:23
8	010CAL.S.d	S08	2021-07-23 14:09:07

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	120.37	0.0001	P	11.3
2	☐	1.000	0.998	1577.89	0.0008	P	13.8
3	☐	50.000	52.607	76913.65	0.0367	P	0.7
4	☐	125.000	132.055	187438.29	0.0921	P	1.9
5	☐	250.000	257.379	357676.84	0.1795	P	0.8
6	☐	500.000	511.462	666271.98	0.3566	P	2.2
7	☐	1000.000	991.412	1234667.76	0.6911	P	0.5
8	☐			279.64	0.0002	P	2.8

$$y = 6.9704\text{E-}004 * x + 5.7791\text{E-}005$$

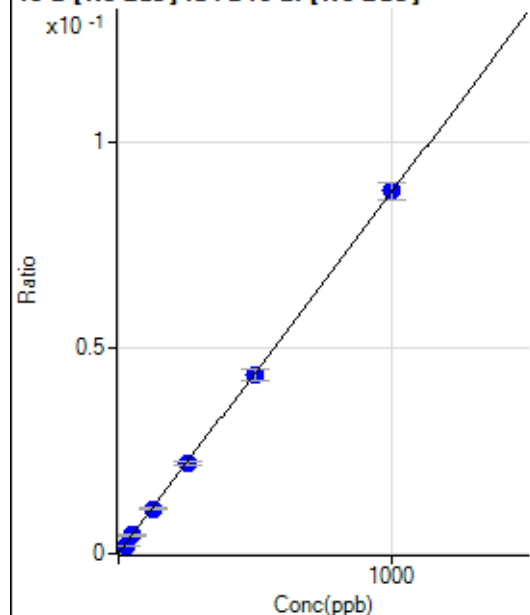
$$R = 0.9999$$

$$DL = 0.02804$$

$$BEC = 0.08291$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	330.57	0.0002	P	8.9
2	☐	25.000	21.662	4314.61	0.0021	P	2.5
3	☐	50.000	49.184	9372.56	0.0045	P	7.8
4	☐	125.000	122.527	22200.14	0.0109	P	5.7
5	☐	250.000	249.682	43978.28	0.0221	P	4.4
6	☐	500.000	494.052	81284.43	0.0435	P	5.5
7	☐	1000.000	1003.487	157598.68	0.0882	P	4.5
8	☐			6546.04	0.0038	P	12.6

$$y = 8.7764\text{E-}005 * x + 1.5875\text{E-}004$$

$$R = 1.0000$$

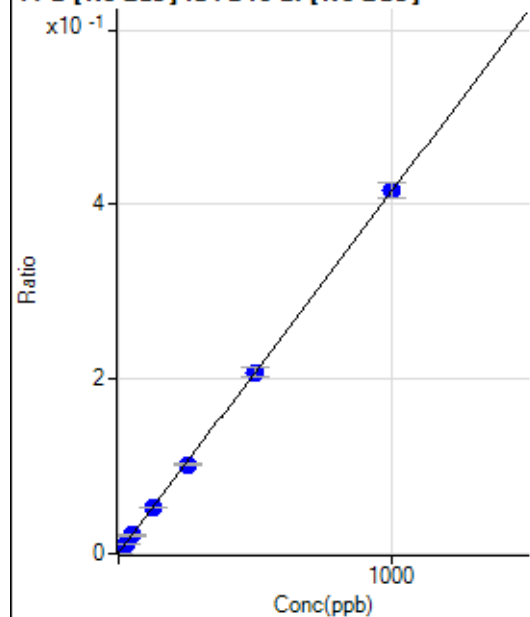
$$DL = 0.4814$$

$$BEC = 1.809$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1650.13	0.0008	P	5.9
2	☐	25.000	22.628	21293.27	0.0102	P	4.8
3	☐	50.000	49.012	44176.13	0.0211	P	4.4
4	☐	125.000	125.789	107627.57	0.0529	P	3.9
5	☐	250.000	245.428	204146.80	0.1025	P	3.8
6	☐	500.000	498.741	387350.01	0.2074	P	5.3
7	☐	1000.000	1001.782	742642.81	0.4158	P	4.4
8	☐			30214.14	0.0175	P	11.2

$$y = 4.1422\text{E-}004 * x + 7.9239\text{E-}004$$

$$R = 1.0000$$

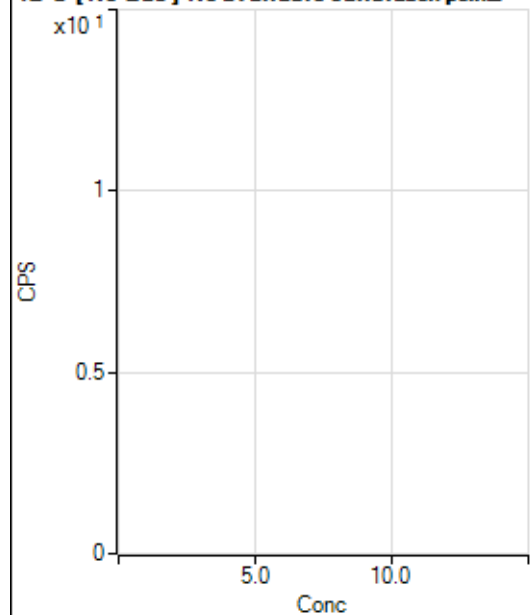
$$DL = 0.3399$$

$$BEC = 1.913$$

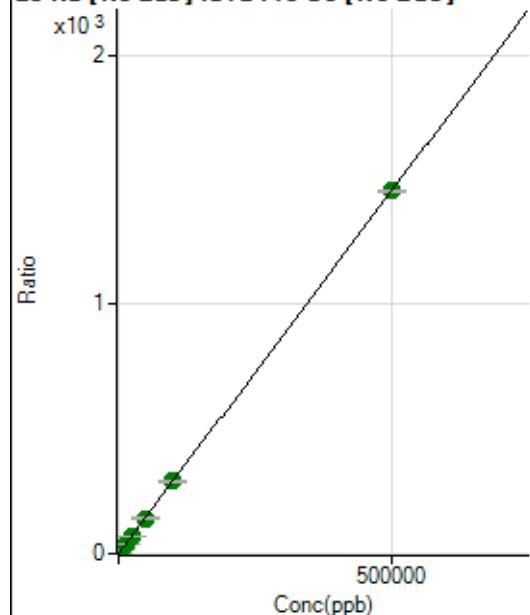
Weight: <None>

Min Conc: 0

12 C [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

23 Na [No Gas] ISTD:45 Sc [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	262527.48	0.0625	P	0.1
2	☐	500.000	478.935	6155981.65	1.4548	A	0.7
3	☐	5000.000	4895.423	60073809.19	14.2943	A	0.6
4	☐	12500.000	12182.628	145512128.67	35.4794	A	1.1
5	☐	25000.000	24663.656	283849866.53	71.7639	A	1.0
6	☐	50000.000	48972.113	532060314.91	142.4327	A	0.5
7	☐	100000.00	99656.018	1019690367.7	289.7795	A	1.8
8	☐	500000.00	500197.40	5087675976.7	1,454.221	A	0.9

$$y = 0.0029 * x + 0.0625$$

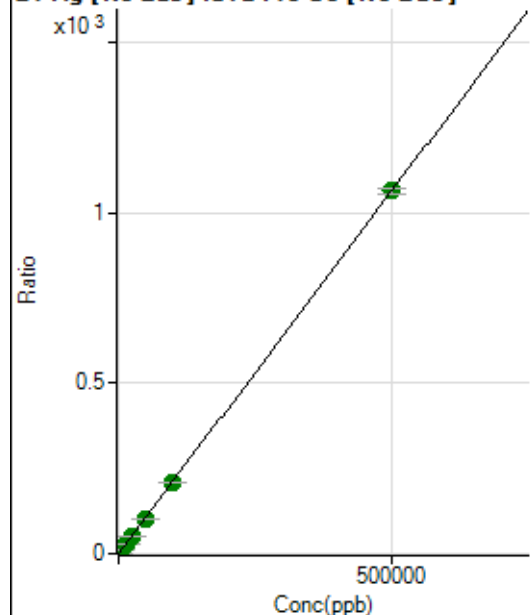
$$R = 1.0000$$

$$DL = 0.095$$

$$BEC = 21.48$$

Weight: <None>

Min Conc: 0

24 Mg [No Gas] ISTD:45 Sc [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5733.66	0.0014	P	1.3
2	☐	500.000	444.530	4001682.09	0.9457	P	0.6
3	☐	5000.000	4810.276	42951886.21	10.2201	A	0.3
4	☐	12500.000	12123.518	105633302.91	25.7561	A	1.2
5	☐	25000.000	24340.238	204516290.75	51.7089	A	1.3
6	☐	50000.000	48588.291	385585558.64	103.2206	A	0.7
7	☐	100000.00	98029.229	732813180.70	208.2512	A	1.5
8	☐	500000.00	500579.67	3720416258.5	1,063.415	A	1.3

$$y = 0.0021 * x + 0.0014$$

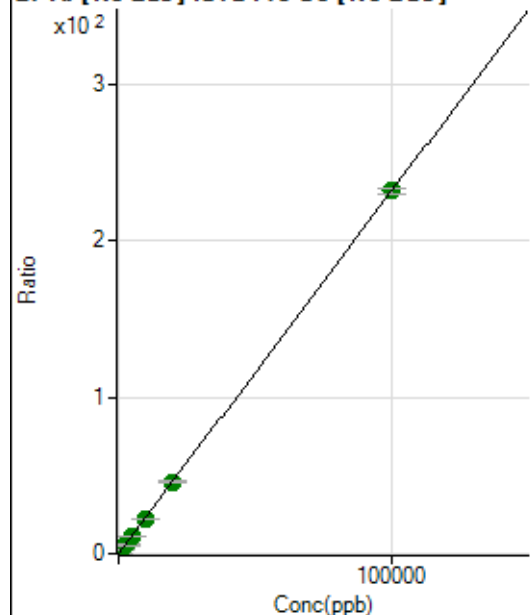
$$R = 1.0000$$

$$DL = 0.02475$$

$$BEC = 0.6421$$

Weight: <None>

Min Conc: 0

27 Al [No Gas] ISTD :45 Sc [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	6100.89	0.0015	P	4.8
2	☐	20.000	20.205	204336.59	0.0483	P	0.9
3	☐	1000.000	962.161	9380038.98	2.2320	A	0.7
4	☐	2500.000	2399.334	22818042.03	5.5637	A	1.3
5	☐	5000.000	4837.789	44366337.69	11.2166	A	0.8
6	☐	10000.000	9672.979	83770785.33	22.4256	A	1.1
7	☐	20000.000	19830.868	161779645.61	45.9740	A	1.1
8	☐	100000.00	100077.53	811692056.80	232.0041	A	1.8

$$y = 0.0023 * x + 0.0015$$

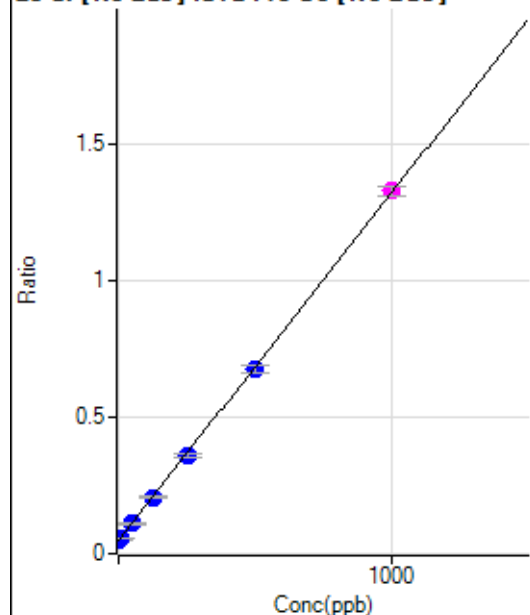
$$R = 1.0000$$

$$DL = 0.09074$$

$$BEC = 0.6261$$

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	203473.15	0.0484	P	0.5
2	☐	10.000	7.185	243502.65	0.0575	P	0.2
3	☐	50.000	48.644	463400.45	0.1103	P	2.3
4	☐	125.000	123.621	843441.17	0.2056	P	2.5
5	☐	250.000	243.431	1415371.96	0.3580	P	4.1
6	☐	500.000	492.296	2519467.07	0.6745	P	4.2
7	☐	1000.000	1005.762	4671105.57	1.3275	M	2.8
8	☐			932120.63	0.2664	P	12.6

$$y = 0.0013 * x + 0.0484$$

$$R = 0.9999$$

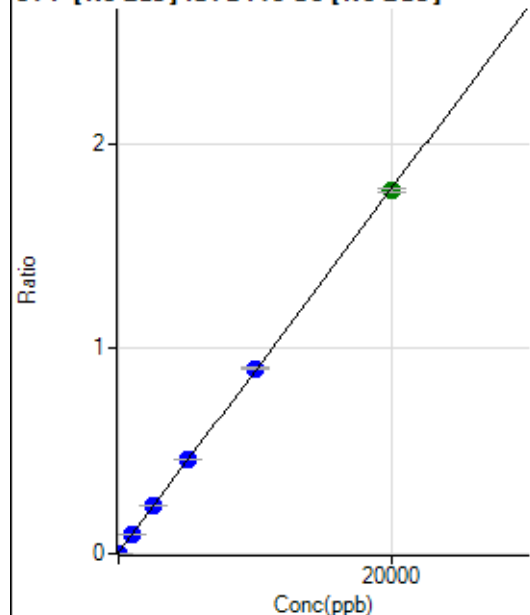
$$DL = 0.5669$$

$$BEC = 38.06$$

Weight: <None>

Min Conc: 0

31 P [No Gas] ISTD:45 Sc [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.086	19633.02	0.0047	P	0.3
2	☐	0.000	-0.086	19699.74	0.0047	P	0.8
3	☐	1000.000	1048.426	411138.87	0.0978	P	0.4
4	☐	2500.000	2606.398	969047.90	0.2363	P	0.8
5	☐	5000.000	5140.822	1825451.26	0.4615	P	0.6
6	☐	10000.000	10138.485	3382924.99	0.9056	P	0.7
7	☐	20000.000	19879.831	6233031.35	1.7713	A	1.2
8	☐			20932.70	0.0060	P	1.0

$$y = 8.8863\text{E-}005 * x + 0.0047$$

R = 0.9999

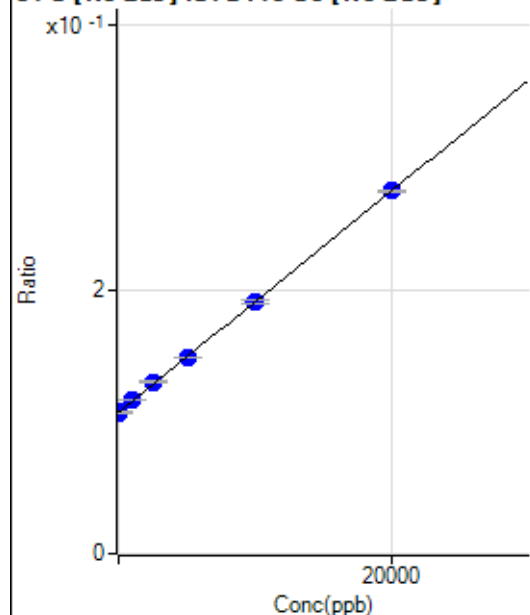
DL = 0.8638

BEC = 52.48

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	50.654	451605.64	0.1074	P	0.3
2	☐	0.000	-50.654	451051.47	0.1066	P	1.8
3	☐	1000.000	1101.915	488541.72	0.1162	P	0.6
4	☐	2500.000	2749.661	533378.28	0.1300	P	1.0
5	☐	5000.000	4939.909	587050.87	0.1484	P	0.4
6	☐	10000.000	9977.882	711981.11	0.1906	P	0.9
7	☐	20000.000	19989.779	965895.69	0.2745	P	0.8
8	☐			362150.60	0.1035	P	0.5

$$y = 8.3768\text{E-}006 * x + 0.1070$$

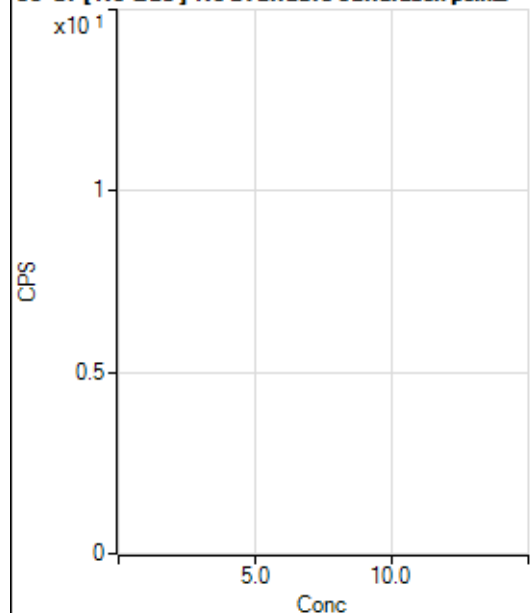
R = 0.9999

DL = 410.9

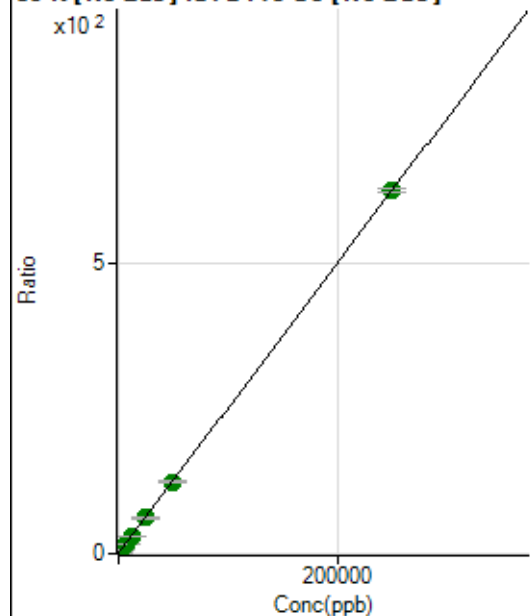
BEC = 1.278E+04

Weight: <None>

Min Conc: 0

35 Cl [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

39 K [No Gas] ISTD : 45 Sc [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	3104734.49	0.7386	P	0.1
2	☐	500.000	473.835	8138208.86	1.9233	A	0.5
3	☐	2500.000	2454.165	28890262.16	6.8743	A	0.1
4	☐	6250.000	6086.602	65441362.39	15.9558	A	0.9
5	☐	12500.000	12201.164	123571465.45	31.2429	A	1.3
6	☐	25000.000	24293.871	229647763.01	61.4760	A	0.9
7	☐	50000.000	49380.274	437034058.66	124.1949	A	1.2
8	☐	250000.00	250214.09	2191160977.1	626.3021	A	1.2

$$y = 0.0025 * x + 0.7386$$

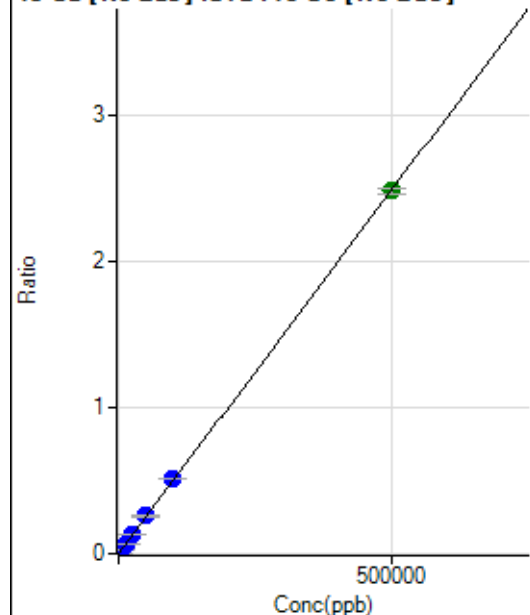
$$R = 1.0000$$

$$DL = 1.152$$

$$BEC = 295.4$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	188.90	0.0000	P	20.7
2	☐	500.000	502.433	10787.52	0.0025	P	1.7
3	☐	5000.000	5281.056	110811.99	0.0264	P	1.4
4	☐	12500.000	13208.868	270215.00	0.0659	P	0.5
5	☐	25000.000	26108.755	514903.62	0.1302	P	1.2
6	☐	50000.000	51752.756	963758.23	0.2580	P	0.9
7	☐	100000.00	103248.72	1811187.00	0.5147	P	0.4
8	☐	500000.00	499099.00	8703510.96	2.4878	A	1.5

$$y = 4.9844\text{E-}006 * x + 4.4929\text{E-}005$$

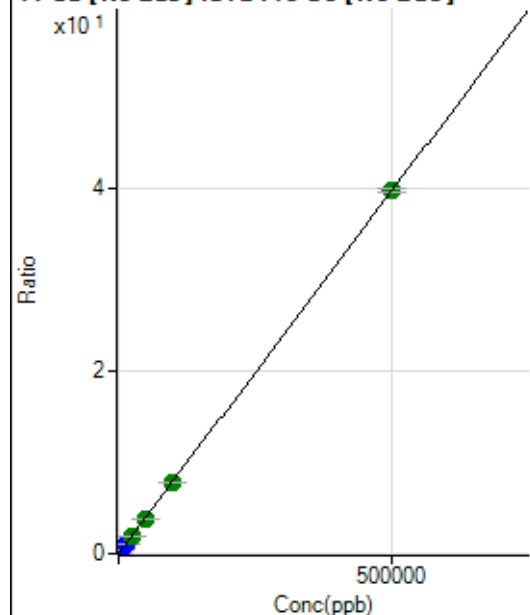
$$R = 1.0000$$

$$DL = 5.59$$

$$BEC = 9.014$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	6257.03	0.0015	P	4.0
2	☐	500.000	518.385	179950.38	0.0425	P	1.0
3	☐	5000.000	5281.559	1763491.79	0.4196	P	0.6
4	☐	12500.000	13095.385	4258157.17	1.0382	P	0.7
5	☐	25000.000	24181.195	7578093.23	1.9159	A	0.9
6	☐	50000.000	48265.476	14279306.05	3.8226	A	0.6
7	☐	100000.00	98140.010	27346120.06	7.7711	A	1.1
8	☐	500000.00	500568.67	138647585.04	39.6308	A	1.0

$$y = 7.9168\text{E-}005 * x + 0.0015$$

$$R = 1.0000$$

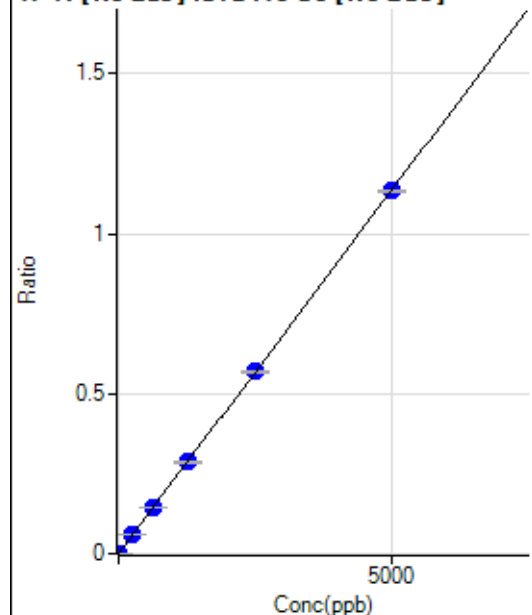
$$DL = 2.271$$

$$BEC = 18.8$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	27.78	0.0000	P	62.4
2	☐	5.000	4.851	4686.97	0.0011	P	7.5
3	☐	250.000	254.112	242403.46	0.0577	P	0.7
4	☐	625.000	633.071	589317.22	0.1437	P	0.5
5	☐	1250.000	1258.250	1129612.42	0.2856	P	0.4
6	☐	2500.000	2505.517	2124137.57	0.5686	P	1.4
7	☐	5000.000	4993.964	3988507.95	1.1334	P	0.2
8	☐			811.16	0.0002	P	8.4

$$y = 2.2695E-004 * x + 6.6048E-006$$

$$R = 1.0000$$

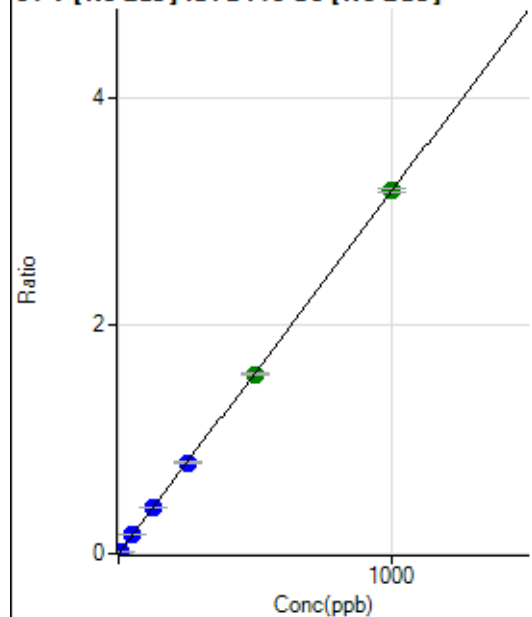
$$DL = 0.05451$$

$$BEC = 0.0291$$

Weight: <None>

Min Conc: 0

51 V [No Gas] ISTD:45 Sc [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	253.60	0.0001	P	41.3
2	☐	5.000	4.958	66892.08	0.0158	P	2.5
3	☐	50.000	50.668	676708.08	0.1610	P	0.3
4	☐	125.000	126.199	1644534.09	0.4010	P	0.5
5	☐	250.000	251.649	3162226.41	0.7995	P	1.0
6	☐	500.000	495.505	5880301.03	1.5742	A	1.2
7	☐	1000.000	1001.652	11197525.36	3.1821	A	1.2
8	☐			3634.18	0.0010	P	6.8

$$y = 0.0032 * x + 6.0303E-005$$

$$R = 1.0000$$

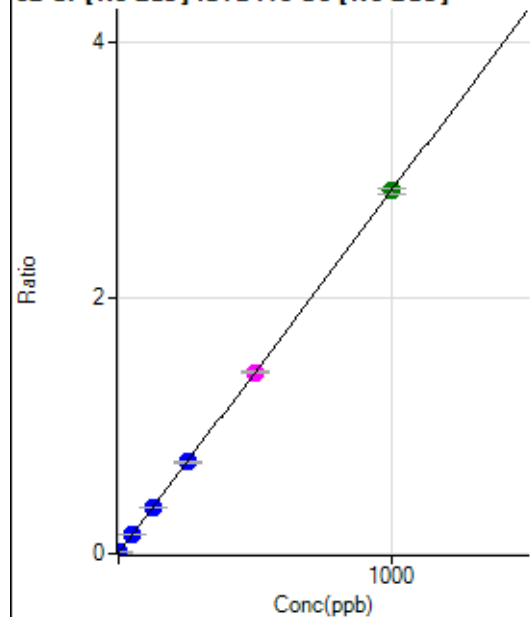
$$DL = 0.02352$$

$$BEC = 0.01898$$

Weight: <None>

Min Conc: 0

52 Cr [No Gas] ISTD :45 Sc [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	13250.47	0.0032	P	1.2
2	☐	2.000	2.009	37435.19	0.0088	P	1.5
3	☐	50.000	51.211	623450.39	0.1483	P	0.4
4	☐	125.000	126.802	1487453.66	0.3627	P	0.5
5	☐	250.000	251.777	2835954.05	0.7170	P	1.1
6	☐	500.000	499.365	5300640.62	1.4190	M	1.2
7	☐	1000.000	999.588	9983902.35	2.8372	A	1.4
8	☐			43218.67	0.0124	P	1.2

$$y = 0.0028 * x + 0.0032$$

$$R = 1.0000$$

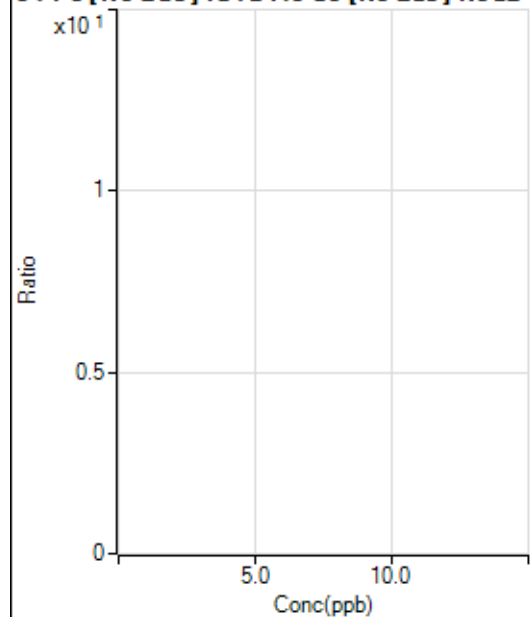
$$DL = 0.03906$$

$$BEC = 1.112$$

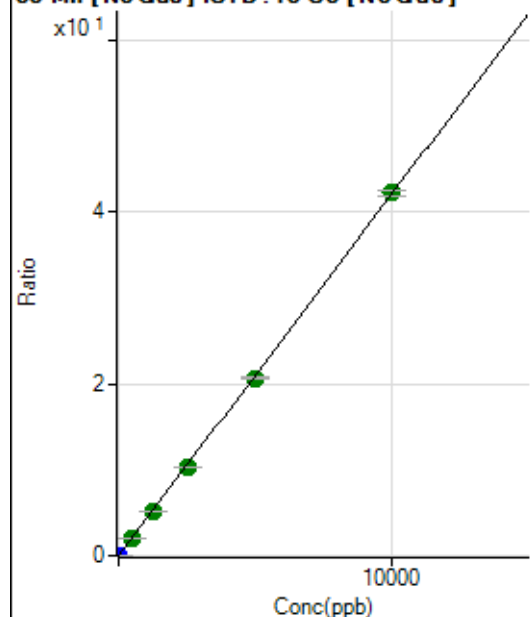
Weight: <None>

Min Conc: 0

54 Fe [No Gas] ISTD :45 Sc [No Gas] No a_



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000					
2	☐	50.000					
3	☐	2500.000					
4	☐	6250.000					
5	☐	12500.000					
6	☐	25000.000					
7	☐	50000.000					
8	☐	250000.00					

55 Mn [No Gas] ISTD:45 Sc [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4685.58	0.0011	P	5.4
2	☐	1.000	1.221	26440.81	0.0062	P	0.9
3	☐	500.000	497.146	8788601.63	2.0912	A	0.7
4	☐	1250.000	1233.431	21272513.43	5.1868	A	1.1
5	☐	2500.000	2462.039	40945164.14	10.3521	A	1.2
6	☐	5000.000	4924.831	77349278.22	20.7063	A	0.6
7	☐	10000.000	10049.288	148675740.50	42.2508	A	1.8
8	☐			114974.07	0.0329	P	1.8

$$y = 0.0042 * x + 0.0011$$

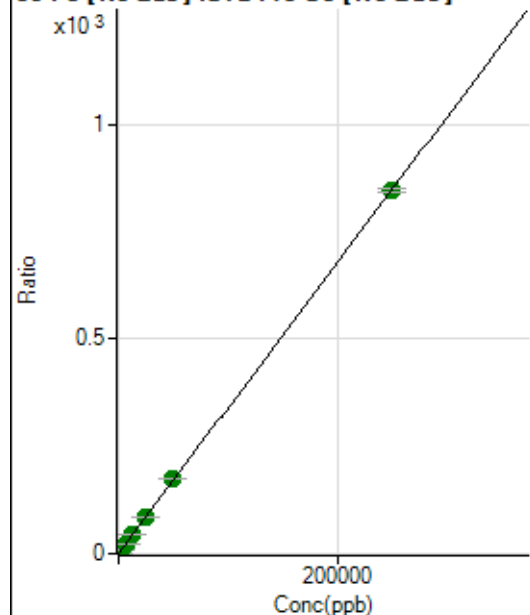
$$R = 0.9999$$

$$DL = 0.04322$$

$$BEC = 0.2651$$

Weight: <None>

Min Conc: 0

56 Fe [No Gas] ISTD:45 Sc [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2446419.49	0.5820	P	0.2
2	☐	50.000	49.523	3171098.75	0.7494	P	0.8
3	☐	2500.000	2532.462	38424470.62	9.1431	A	0.6
4	☐	6250.000	6337.732	90259897.55	22.0068	A	1.0
5	☐	12500.000	12516.309	169648545.90	42.8937	A	1.5
6	☐	25000.000	25075.888	318835374.14	85.3516	A	0.2
7	☐	50000.000	51689.266	616934506.11	175.3187	A	1.2
8	☐	250000.00	249651.22	2954641924.5	844.5332	A	1.1

$$y = 0.0034 * x + 0.5820$$

$$R = 1.0000$$

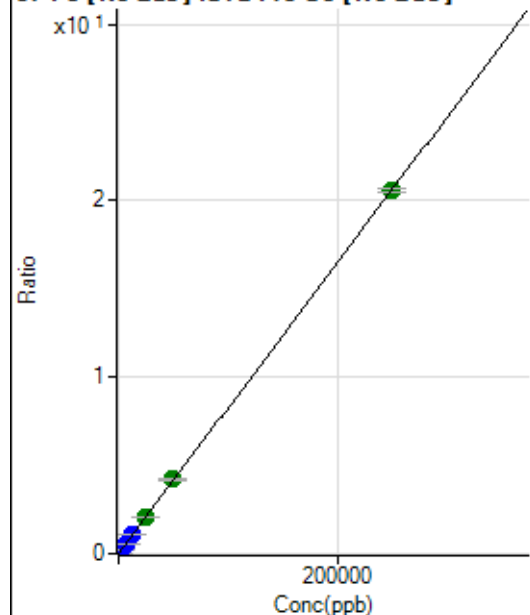
$$DL = 1.092$$

$$BEC = 172.2$$

Weight: <None>

Min Conc: 0

57 Fe [No Gas] ISTD:45 Sc [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	35749.88	0.0085	P	2.0
2	☐	50.000	52.444	54251.44	0.0128	P	0.8
3	☐	2500.000	2616.714	940581.54	0.2238	P	0.1
4	☐	6250.000	6521.585	2235695.69	0.5451	P	1.0
5	☐	12500.000	12963.996	4252614.34	1.0752	P	1.1
6	☐	25000.000	25146.410	7760587.03	2.0775	A	0.9
7	☐	50000.000	50924.418	14774039.77	4.1985	A	1.6
8	☐	250000.00	249769.31	71927617.58	20.5593	A	0.9

$$y = 8.2279E-005 * x + 0.0085$$

R = 1.0000

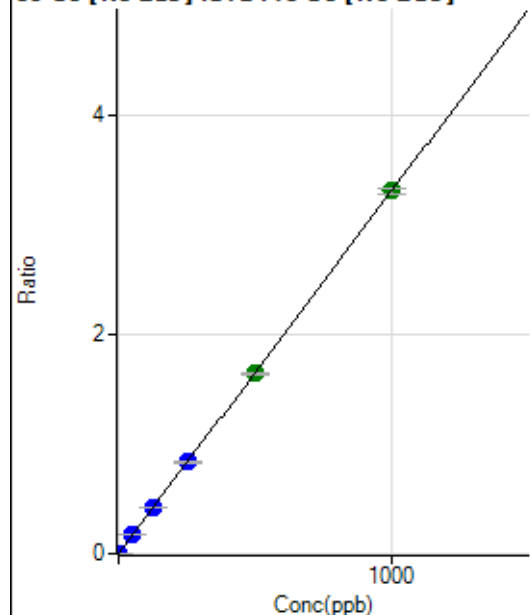
DL = 6.123

BEC = 103.4

Weight: <None>

Min Conc: 0

59 Co [No Gas] ISTD:45 Sc [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	654.02	0.0002	P	8.9
2	☐	1.000	0.991	14515.40	0.0034	P	2.0
3	☐	50.000	51.504	715965.75	0.1704	P	0.9
4	☐	125.000	127.479	1728486.92	0.4214	P	0.7
5	☐	250.000	252.402	3299874.42	0.8343	P	1.0
6	☐	500.000	497.114	6137506.77	1.6430	A	0.6
7	☐	1000.000	1000.458	11634764.88	3.3064	A	1.9
8	☐			21150.19	0.0060	P	1.5

$$y = 0.0033 * x + 1.5561E-004$$

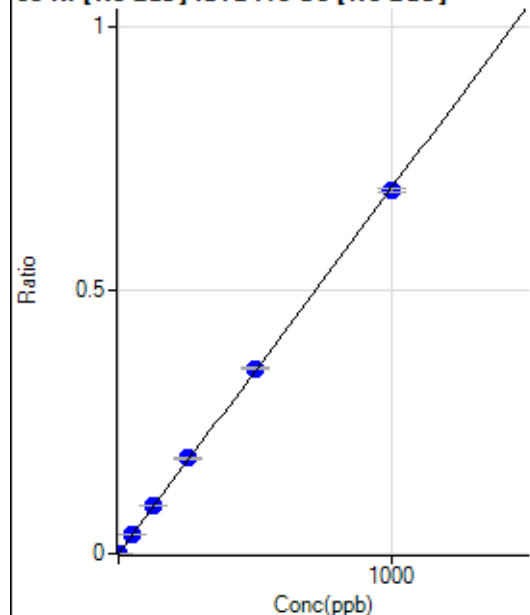
R = 1.0000

DL = 0.01253

BEC = 0.04709

Weight: <None>

Min Conc: 0

60 Ni [No Gas] ISTD:45 Sc [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	440.01	0.0001	P	8.2
2	☐	1.000	1.279	4192.86	0.0010	P	1.8
3	☐	50.000	54.087	157950.36	0.0376	P	0.6
4	☐	125.000	131.441	373993.43	0.0912	P	0.8
5	☐	250.000	260.909	715570.81	0.1809	P	0.5
6	☐	500.000	507.211	1313319.16	0.3516	P	0.8
7	☐	1000.000	992.658	2420904.72	0.6880	P	1.1
8	☐			11406.73	0.0033	P	1.9

$$y = 6.9294\text{E-}004 * x + 1.0469\text{E-}004$$

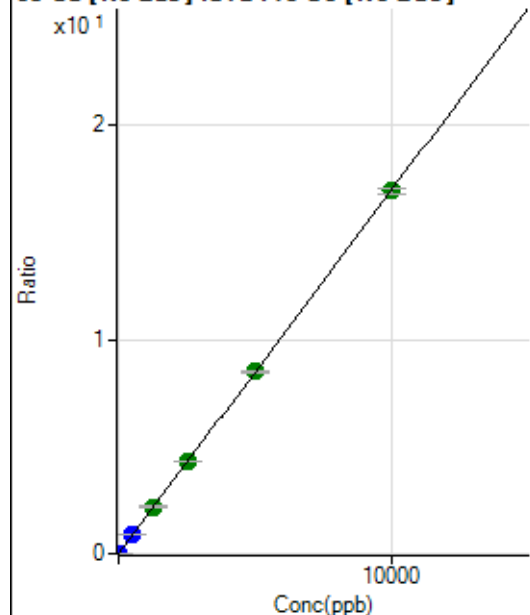
$$R = 0.9999$$

$$DL = 0.0371$$

$$BEC = 0.1511$$

Weight: <None>

Min Conc: 0

63 Cu [No Gas] ISTD:45 Sc [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1546.76	0.0004	P	5.6
2	☐	2.000	2.709	20994.01	0.0050	P	1.8
3	☐	500.000	524.870	3742607.83	0.8905	P	0.6
4	☐	1250.000	1290.474	8977927.99	2.1890	A	1.0
5	☐	2500.000	2539.608	17038046.41	4.3076	A	0.9
6	☐	5000.000	5007.676	31727860.08	8.4934	A	1.0
7	☐	10000.000	9979.957	59562889.67	16.9264	A	1.4
8	☐			35937.38	0.0103	P	1.8

$$y = 0.0017 * x + 3.6796\text{E-}004$$

$$R = 1.0000$$

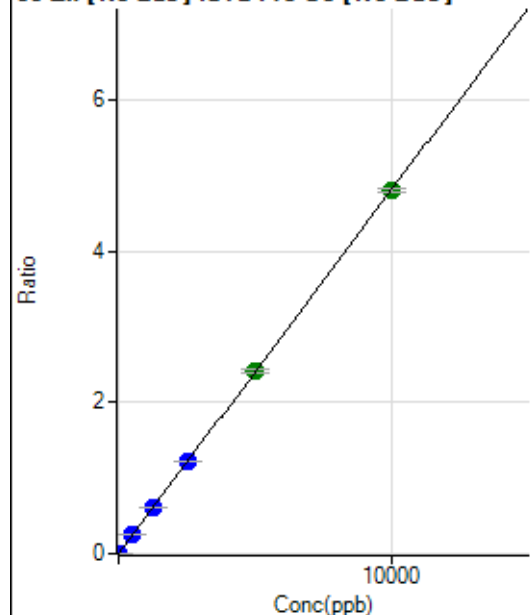
$$DL = 0.03656$$

$$BEC = 0.217$$

Weight: <None>

Min Conc: 0

66 Zn [No Gas] ISTD:45 Sc [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1705.68	0.0004	P	4.0
2	☐	2.000	7.188	16360.37	0.0039	P	1.0
3	☐	500.000	521.167	1056172.75	0.2513	P	0.6
4	☐	1250.000	1281.985	2533038.69	0.6176	P	0.5
5	☐	2500.000	2531.201	4821518.75	1.2190	P	1.2
6	☐	5000.000	5030.644	9048918.48	2.4223	A	1.8
7	☐	10000.000	9971.820	16895354.19	4.8012	A	1.0
8	☐			31033.00	0.0089	P	0.1

$$y = 4.8144\text{E-}004 * x + 4.0579\text{E-}004$$

$$R = 1.0000$$

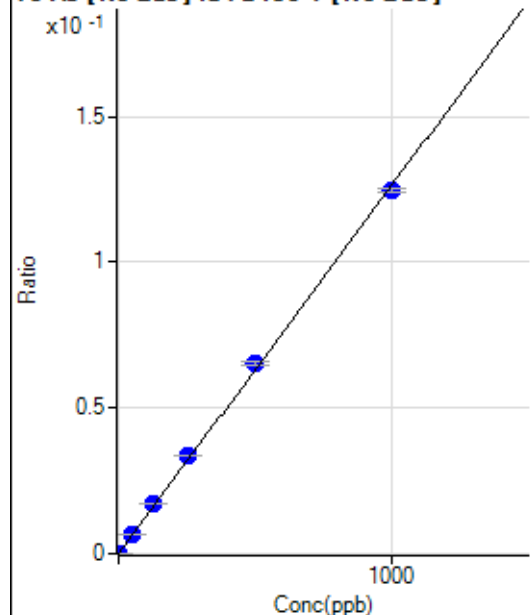
$$DL = 0.1015$$

$$BEC = 0.8429$$

Weight: <None>

Min Conc: 0

75 As [No Gas] ISTD:89 Y [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	-2535.04	-0.0002	P	-10.7
2	☐	1.000	0.934	-1166.73	-0.0001	P	-9.5
3	☐	50.000	53.380	76803.33	0.0065	P	0.5
4	☐	125.000	136.945	196903.43	0.0171	P	0.7
5	☐	250.000	264.578	373668.45	0.0333	P	0.4
6	☐	500.000	516.354	704813.60	0.0651	P	2.0
7	☐	1000.000	986.517	1322784.31	0.1246	P	1.0
8	☐			-1585.71	-0.0001	P	-4.3

$$y = 1.2652\text{E-}004 * x - 2.1699\text{E-}004$$

$$R = 0.9996$$

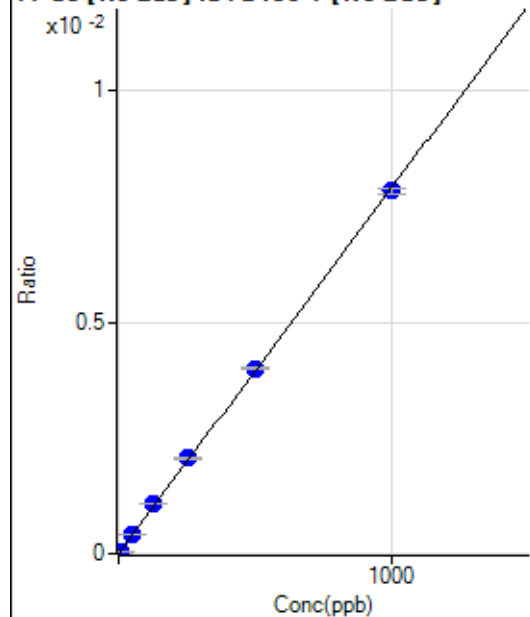
$$DL = 0.5524$$

$$BEC = -1.715$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	44.45	0.0000	P	66.0
2	☐	5.000	5.222	530.58	0.0000	P	9.8
3	☐	50.000	50.882	4759.25	0.0004	P	4.7
4	☐	125.000	136.850	12463.99	0.0011	P	1.0
5	☐	250.000	261.259	23196.92	0.0021	P	2.3
6	☐	500.000	506.888	43312.61	0.0040	P	1.8
7	☐	1000.000	992.215	83112.95	0.0078	P	1.6
8	☐			66.67	0.0000	P	45.2

$$y = 7.8868\text{E-}006 * x + 3.8120\text{E-}006$$

$$R = 0.9998$$

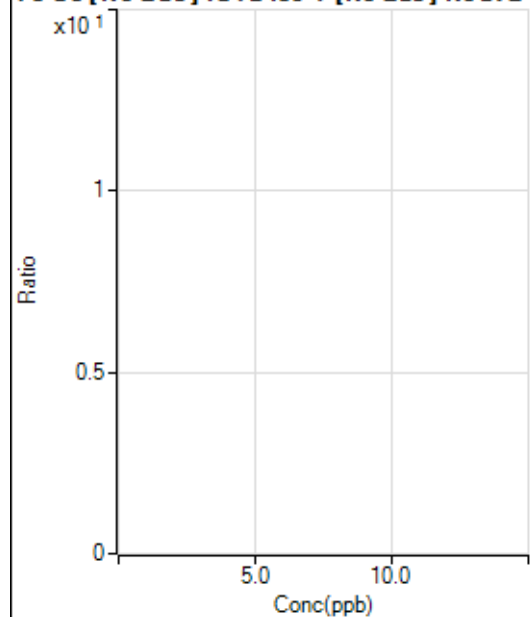
$$DL = 0.9569$$

$$BEC = 0.4833$$

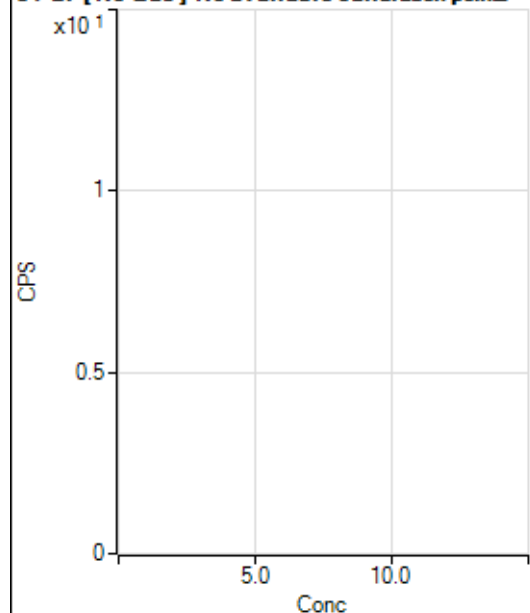
Weight: <None>

Min Conc: 0

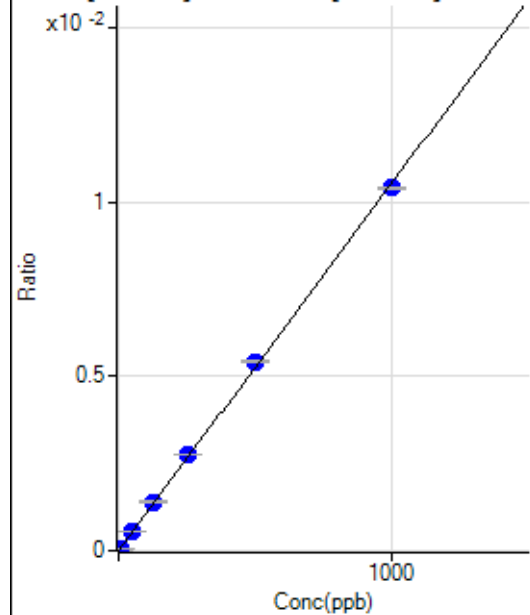
78 Se [No Gas] ISTD:89 Y [No Gas] No av _



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000					
2	☐	5.000					
3	☐	50.000					
4	☐	125.000					
5	☐	250.000					
6	☐	500.000					
7	☐	1000.000					
8	☐						

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7493.83		P	2.3
2	☐			7454.89		P	1.4
3	☐			7157.52		P	2.9
4	☐			6601.69		P	2.2
5	☐			6437.71		P	6.6
6	☐			5642.95		P	2.9
7	☐			5792.97		P	7.1
8	☐			5756.91		P	4.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	-10.75	0.0000	P	-962.
2	☐	5.000	4.910	599.15	0.0001	P	3.7
3	☐	50.000	53.739	6640.71	0.0006	P	2.6
4	☐	125.000	132.979	16111.77	0.0014	P	1.2
5	☐	250.000	261.512	30940.19	0.0028	P	1.5
6	☐	500.000	515.142	58735.92	0.0054	P	1.4
7	☐	1000.000	988.367	110539.72	0.0104	P	0.8
8	☐			6.99	0.0000	P	1061.

$$y = 1.0536E-005 * x - 9.4785E-007$$

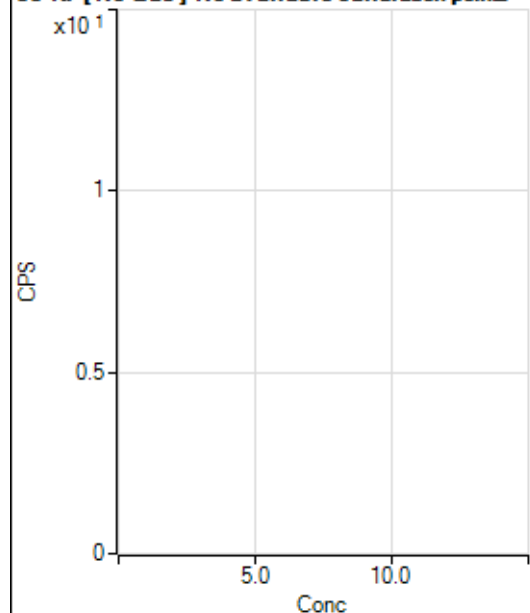
$$R = 0.9997$$

$$DL = 2.598$$

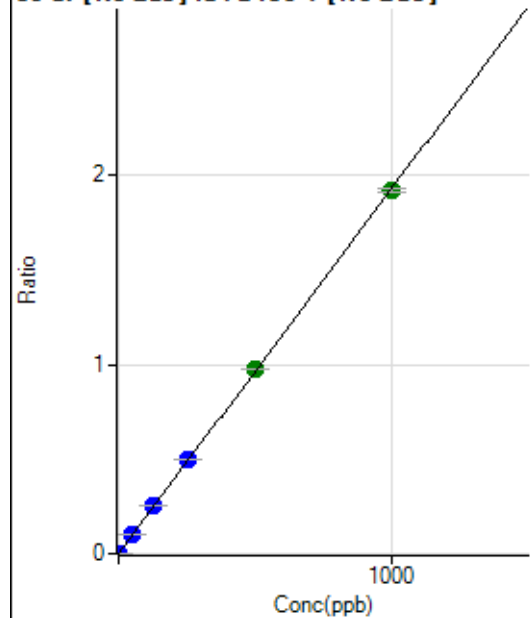
$$BEC = -0.08997$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1103.38		P	6.6
2	☐			1162.28		P	1.3
3	☐			1088.94		P	9.2
4	☐			1030.05		P	2.6
5	☐			1016.71		P	5.5
6	☐			947.82		P	6.6
7	☐			966.71		P	9.6
8	☐			933.37		P	9.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1839.05	0.0002	P	7.7
2	☐	1.000	0.099	4109.04	0.0003	P	3.4
3	☐	50.000	52.359	1188588.41	0.1012	P	0.4
4	☐	125.000	129.803	2883448.44	0.2506	P	0.4
5	☐	250.000	257.903	5591102.77	0.4977	P	0.8
6	☐	500.000	505.623	10559615.77	0.9756	A	0.7
7	☐	1000.000	994.496	20369202.37	1.9186	A	0.9
8	☐			7680.00	0.0007	P	1.3

$$y = 0.0019 * x + 1.5751E-004$$

$$R = 0.9999$$

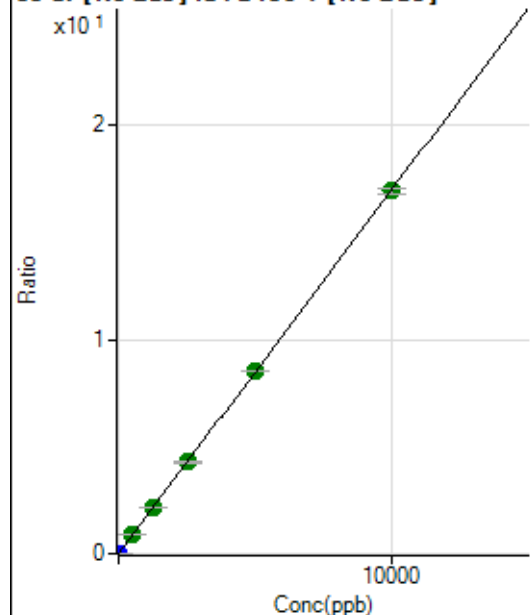
$$DL = 0.01885$$

$$BEC = 0.08165$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	308.35	0.0000	P	11.9
2	☐	1.000	1.072	21780.81	0.0018	P	0.6
3	☐	500.000	507.884	10126577.14	0.8619	A	0.6
4	☐	1250.000	1263.692	24678507.67	2.1445	A	0.5
5	☐	2500.000	2512.828	47906651.42	4.2642	A	0.5
6	☐	5000.000	5028.671	92368127.76	8.5335	A	0.8
7	☐	10000.000	9980.352	179801279.02	16.9364	A	1.4
8	☐			52362.13	0.0049	P	1.2

$$y = 0.0017 * x + 2.6407E-005$$

$$R = 1.0000$$

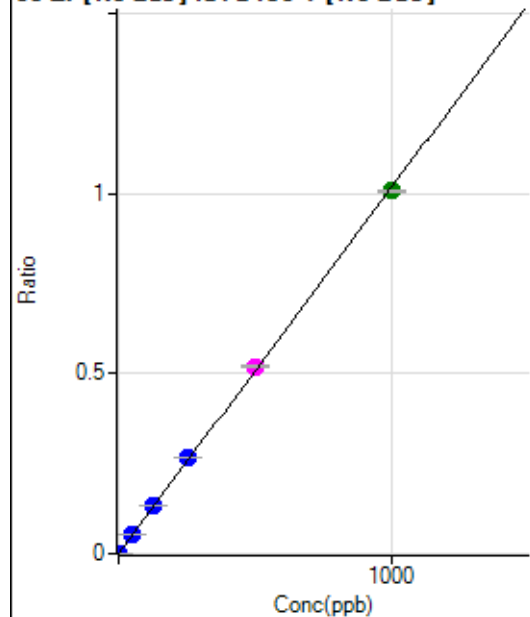
$$DL = 0.005563$$

$$BEC = 0.01556$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	708.37	0.0001	P	9.0
2	☐	1.000	0.941	12008.12	0.0010	P	0.6
3	☐	50.000	52.139	624054.70	0.0531	P	0.5
4	☐	125.000	130.893	1533412.86	0.1332	P	0.5
5	☐	250.000	261.085	2985348.96	0.2657	P	0.4
6	☐	500.000	511.401	5633477.56	0.5204	M	0.9
7	☐	1000.000	990.685	10703125.59	1.0081	A	0.7
8	☐			2903.16	0.0003	P	9.1

$$y = 0.0010 * x + 6.0644E-005$$

$$R = 0.9998$$

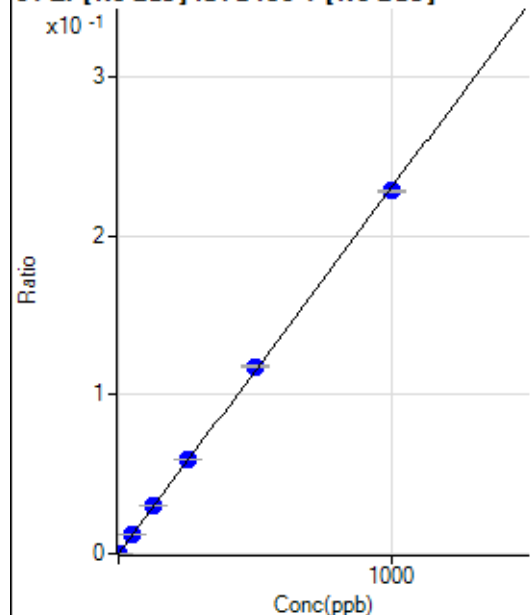
$$DL = 0.01612$$

$$BEC = 0.0596$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	111.11	0.0000	P	21.5
2	☐	1.000	0.964	2730.88	0.0002	P	5.6
3	☐	50.000	51.905	140473.70	0.0120	P	0.4
4	☐	125.000	129.819	343943.77	0.0299	P	0.8
5	☐	250.000	258.219	667772.54	0.0594	P	0.7
6	☐	500.000	511.934	1275447.74	0.1178	P	1.1
7	☐	1000.000	991.281	2422312.32	0.2282	P	0.4
8	☐			661.14	0.0001	P	15.4

$$y = 2.3016\text{E-}004 * x + 9.5125\text{E-}006$$

$$R = 0.9999$$

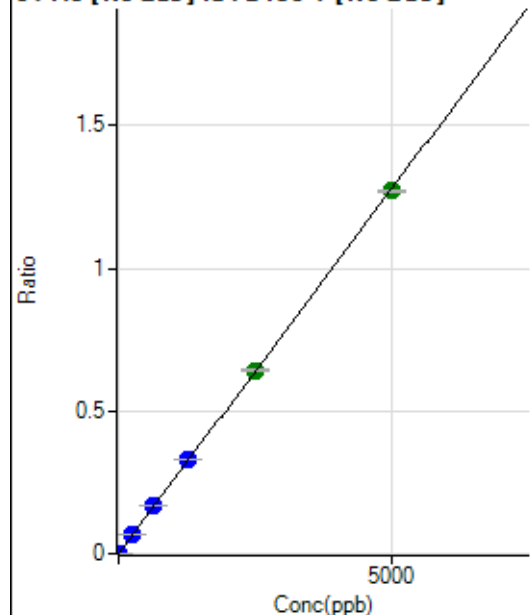
$$DL = 0.02668$$

$$BEC = 0.04133$$

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	263.90	0.0000	P	12.4
2	☐	5.000	4.809	14763.53	0.0013	P	2.2
3	☐	250.000	259.158	778347.34	0.0662	P	0.6
4	☐	625.000	650.762	1913982.03	0.1663	P	0.3
5	☐	1250.000	1299.551	3731003.99	0.3321	P	0.6
6	☐	2500.000	2516.955	6961982.19	0.6432	A	1.2
7	☐	5000.000	4975.457	13497937.63	1.2714	A	0.9
8	☐			4225.72	0.0004	P	11.0

$$y = 2.5554\text{E-}004 * x + 2.2605\text{E-}005$$

$$R = 0.9999$$

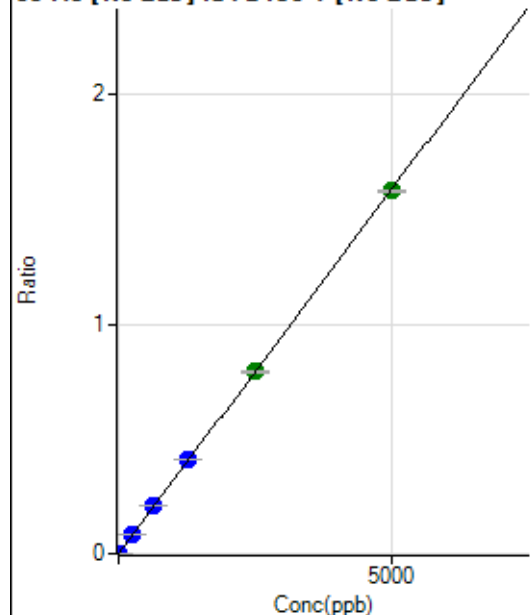
$$DL = 0.0328$$

$$BEC = 0.08846$$

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	69.45	0.0000	P	35.0
2	☐	5.000	4.816	18092.37	0.0015	P	5.6
3	☐	250.000	261.212	973829.51	0.0829	P	0.5
4	☐	625.000	649.718	2372447.30	0.2062	P	0.2
5	☐	1250.000	1296.405	4621055.40	0.4113	P	0.8
6	☐	2500.000	2504.408	8601042.99	0.7946	A	0.8
7	☐	5000.000	4982.544	16783771.90	1.5809	A	0.7
8	☐			5712.42	0.0005	P	4.3

$$y = 3.1728\text{E-}004 * x + 5.9540\text{E-}006$$

$$R = 0.9999$$

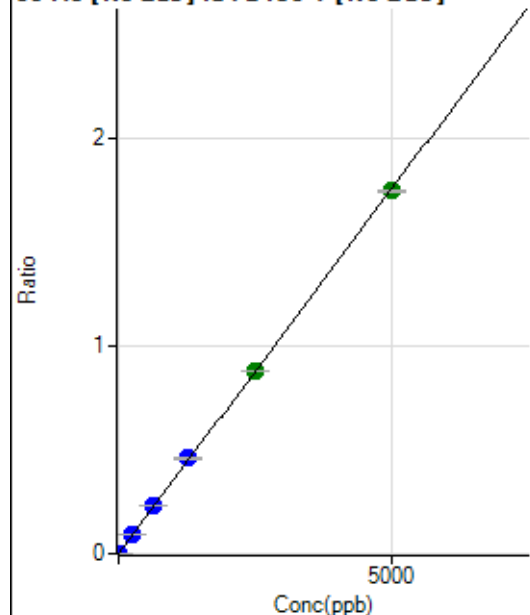
$$DL = 0.01971$$

$$BEC = 0.01877$$

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	269.46	0.0000	P	12.9
2	☐	5.000	5.000	20963.00	0.0018	P	1.3
3	☐	250.000	261.857	1079423.53	0.0919	P	0.9
4	☐	625.000	656.352	2649690.25	0.2302	P	0.2
5	☐	1250.000	1306.558	5148767.60	0.4583	P	0.9
6	☐	2500.000	2512.151	9538387.28	0.8812	A	0.1
7	☐	5000.000	4975.273	18528595.03	1.7452	A	0.7
8	☐			6804.58	0.0006	P	8.7

$$y = 3.5076\text{E-}004 * x + 2.3082\text{E-}005$$

$$R = 0.9999$$

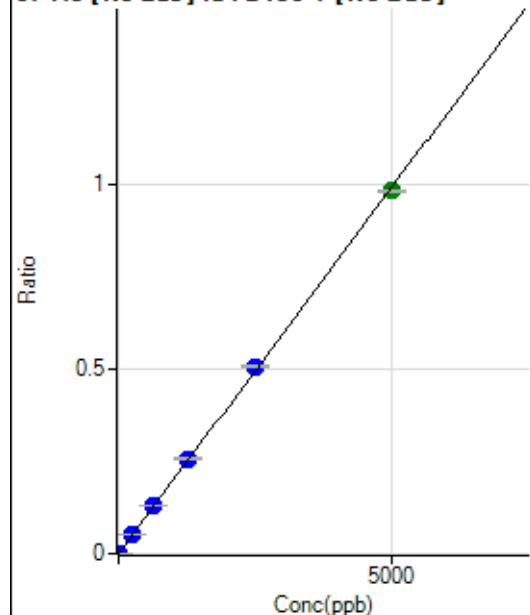
$$DL = 0.02546$$

$$BEC = 0.06581$$

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	27.78	0.0000	P	96.8
2	☐	5.000	4.862	11410.35	0.0010	P	4.1
3	☐	250.000	260.305	607092.18	0.0517	P	0.4
4	☐	625.000	652.042	1489456.43	0.1294	P	0.2
5	☐	1250.000	1297.075	2892333.88	0.2575	P	1.0
6	☐	2500.000	2556.071	5491745.96	0.5074	P	0.7
7	☐	5000.000	4956.300	10444606.14	0.9838	A	0.6
8	☐			3542.22	0.0003	P	6.0

$$y = 1.9849\text{E-}004 * x + 2.3831\text{E-}006$$

$$R = 0.9999$$

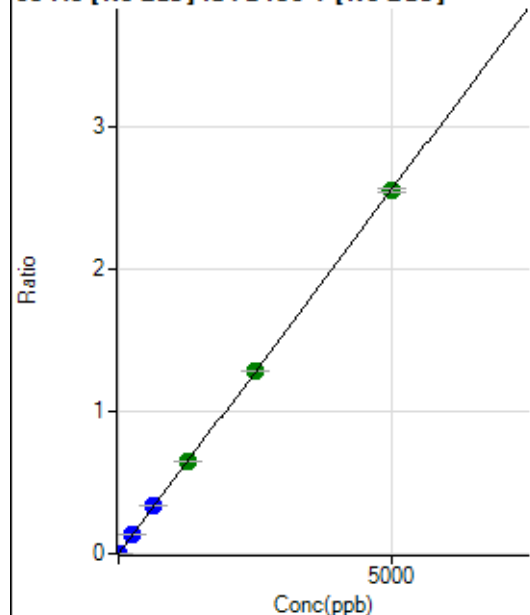
$$DL = 0.03486$$

$$BEC = 0.01201$$

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	169.45	0.0000	P	47.6
2	☐	5.000	4.953	30062.71	0.0025	P	0.9
3	☐	250.000	261.453	1571482.19	0.1338	P	0.5
4	☐	625.000	654.981	3855697.18	0.3350	P	0.4
5	☐	1250.000	1267.705	7284653.29	0.6485	A	1.4
6	☐	2500.000	2510.921	13902478.26	1.2844	A	1.0
7	☐	5000.000	4985.793	27074926.99	2.5503	A	1.0
8	☐			9067.05	0.0008	P	9.7

$$y = 5.1151\text{E-}004 * x + 1.4534\text{E-}005$$

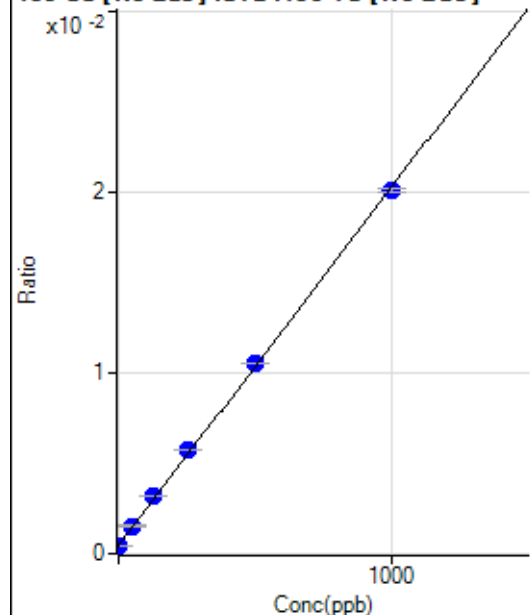
$$R = 1.0000$$

$$DL = 0.04058$$

$$BEC = 0.02841$$

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	4948.21	0.0004	P	3.7
2	☐	1.000	-0.753	4803.72	0.0004	P	1.7
3	☐	50.000	54.687	16946.63	0.0015	P	3.4
4	☐	125.000	138.383	34927.02	0.0032	P	3.1
5	☐	250.000	265.757	62434.53	0.0057	P	0.3
6	☐	500.000	508.758	113456.35	0.0105	P	0.7
7	☐	1000.000	989.776	214628.45	0.0201	P	1.2
8	☐			4225.77	0.0004	P	1.1

$$y = 1.9815\text{E-}005 * x + 4.4979\text{E-}004$$

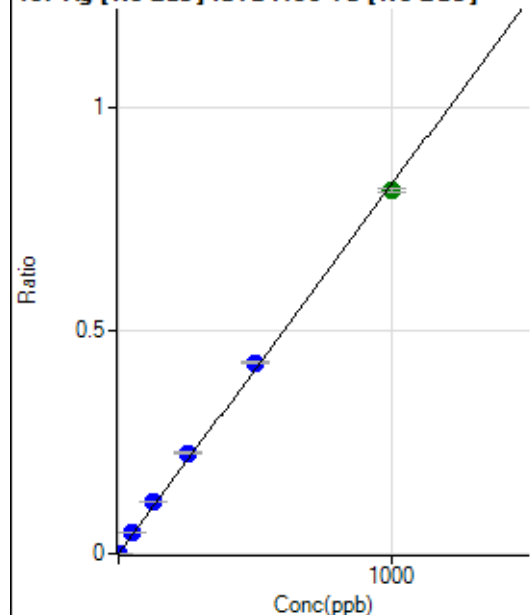
$$R = 0.9997$$

$$DL = 2.487$$

$$BEC = 22.7$$

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	108.33	0.0000	P	13.0
2	☐	1.000	1.040	9634.07	0.0009	P	5.5
3	☐	50.000	57.110	523223.00	0.0473	P	0.4
4	☐	125.000	139.852	1268315.28	0.1159	P	0.0
5	☐	250.000	272.538	2467391.46	0.2259	P	1.0
6	☐	500.000	518.106	4626374.67	0.4294	P	1.0
7	☐	1000.000	983.100	8716908.61	0.8148	A	1.1
8	☐			2514.19	0.0002	P	2.2

$$y = 8.2879\text{E-}004 * x + 9.8458\text{E-}006$$

$$R = 0.9994$$

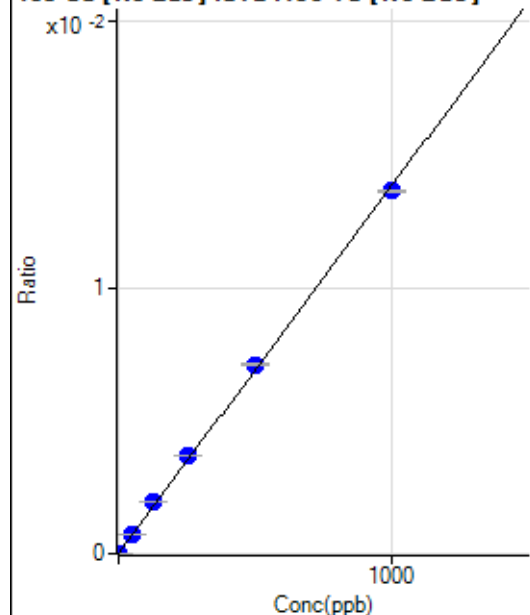
$$DL = 0.004642$$

$$BEC = 0.01188$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	75.00	0.0000	P	19.4
2	☐	1.000	1.244	265.28	0.0000	P	7.2
3	☐	50.000	53.621	8263.61	0.0007	P	2.6
4	☐	125.000	138.925	21076.79	0.0019	P	0.8
5	☐	250.000	265.765	40185.75	0.0037	P	0.9
6	☐	500.000	514.438	76653.54	0.0071	P	0.6
7	☐	1000.000	986.918	145958.84	0.0136	P	0.7
8	☐			248.62	0.0000	P	5.4

$$y = 1.3817E-005 * x + 6.8198E-006$$

$$R = 0.9997$$

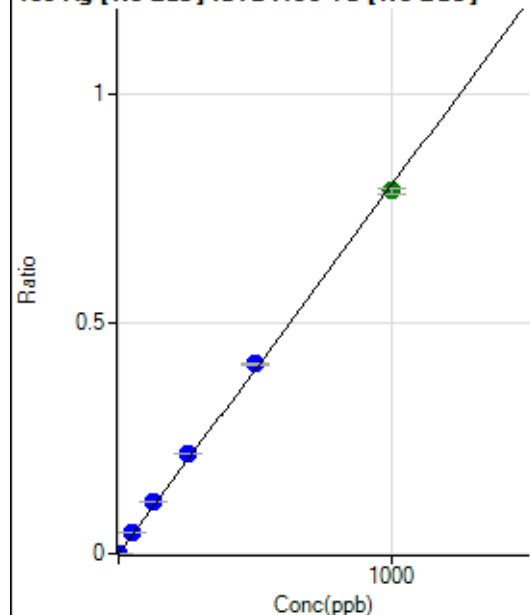
$$DL = 0.2878$$

$$BEC = 0.4936$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	44.44	0.0000	P	54.1
2	☐	1.000	1.063	9442.30	0.0009	P	2.4
3	☐	50.000	56.571	500431.24	0.0453	P	0.6
4	☐	125.000	139.063	1217812.68	0.1113	P	0.6
5	☐	250.000	270.163	2361820.00	0.2162	P	0.9
6	☐	500.000	515.891	4448346.37	0.4129	P	0.9
7	☐	1000.000	984.927	8433100.54	0.7883	A	1.3
8	☐			2283.58	0.0002	P	3.9

$$y = 8.0032E-004 * x + 4.0387E-006$$

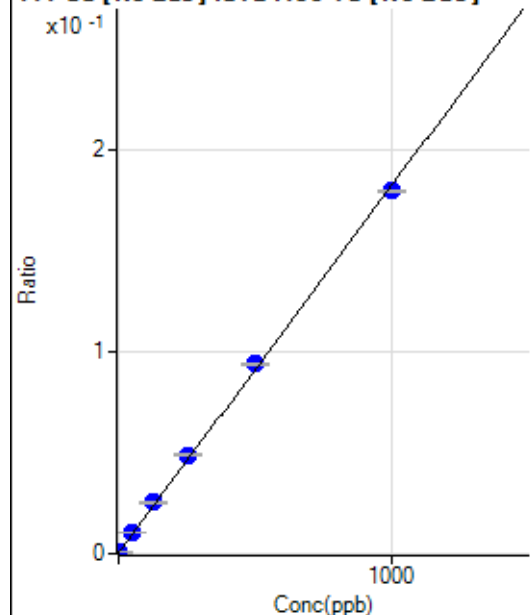
$$R = 0.9995$$

$$DL = 0.008185$$

$$BEC = 0.005046$$

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	3470.96	0.0003	P	3.4
2	☐	1.000	0.966	5422.94	0.0005	P	2.3
3	☐	50.000	55.535	114973.40	0.0104	P	0.4
4	☐	125.000	137.106	275942.07	0.0252	P	0.6
5	☐	250.000	267.373	533935.07	0.0489	P	0.9
6	☐	500.000	515.350	1011925.27	0.0939	P	0.8
7	☐	1000.000	986.192	1919888.38	0.1794	P	0.3
8	☐			3218.73	0.0003	P	2.5

$$y = 1.8164\text{E-}004 * x + 3.1551\text{E-}004$$

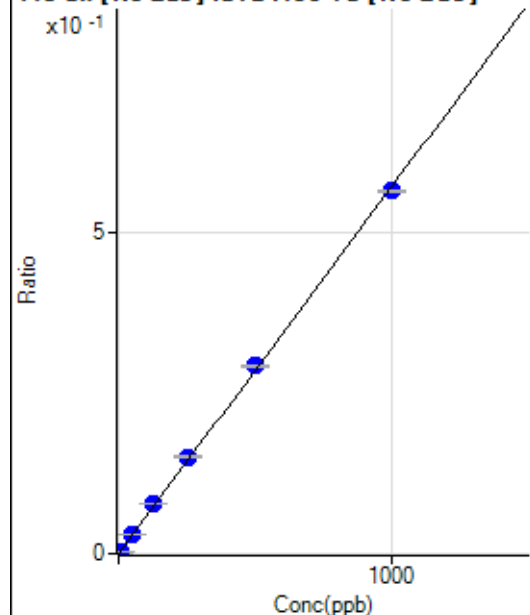
$$R = 0.9996$$

$$DL = 0.176$$

$$BEC = 1.737$$

Weight: <None>

Min Conc: 0

118 Sn [No Gas] ISTD :159 Tb [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	633.36	0.0001	P	15.4
2	☐	5.000	5.168	33222.96	0.0030	P	1.3
3	☐	50.000	54.114	342034.98	0.0309	P	0.3
4	☐	125.000	134.738	842170.15	0.0770	P	0.5
5	☐	250.000	263.469	1643400.10	0.1505	P	1.1
6	☐	500.000	511.438	3145979.80	0.2920	P	1.4
7	☐	1000.000	989.490	6043595.53	0.5649	P	0.6
8	☐			3433.95	0.0003	P	8.4

$$y = 5.7083\text{E-}004 * x + 5.7592\text{E-}005$$

$$R = 0.9998$$

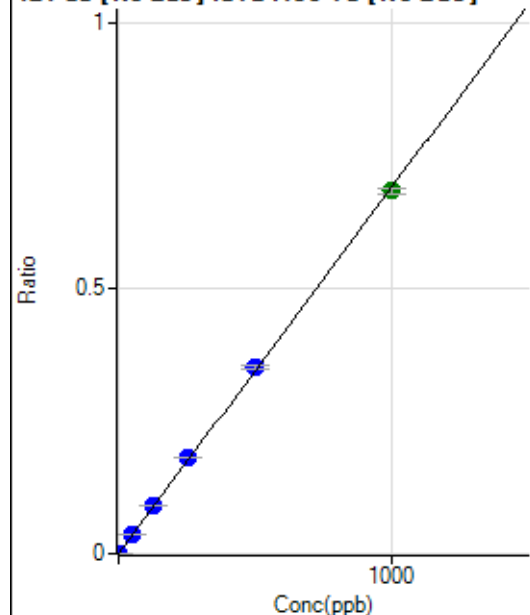
$$DL = 0.04667$$

$$BEC = 0.1009$$

Weight: <None>

Min Conc: 0

121 Sb [No Gas] ISTD :159 Tb [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	233.34	0.0000	P	3.8
2	☐	2.000	2.006	15536.66	0.0014	P	1.3
3	☐	50.000	53.373	407656.63	0.0369	P	0.7
4	☐	125.000	133.196	1006849.23	0.0920	P	0.6
5	☐	250.000	261.682	1974499.72	0.1808	P	0.6
6	☐	500.000	509.688	3792945.62	0.3521	P	1.9
7	☐	1000.000	991.042	7323369.09	0.6845	A	1.6
8	☐			4464.71	0.0004	P	0.8

$$y = 6.9069\text{E-}004 * x + 2.1213\text{E-}005$$

$$R = 0.9998$$

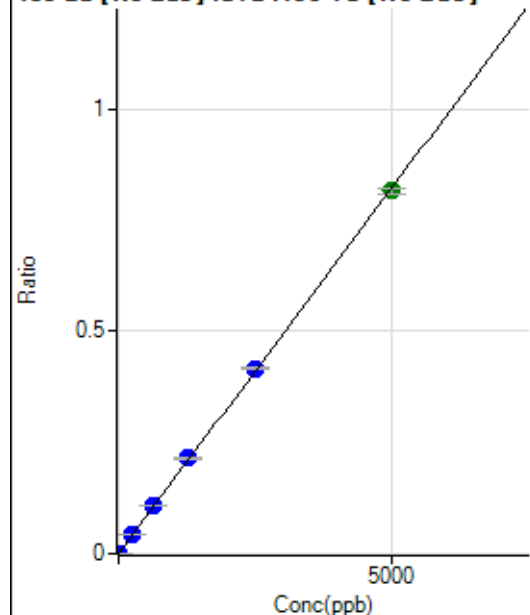
$$DL = 0.003495$$

$$BEC = 0.03071$$

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	16.66	0.0000	P	86.7
2	☐	10.000	10.491	19068.97	0.0017	P	2.0
3	☐	250.000	268.609	488011.54	0.0442	P	0.3
4	☐	625.000	659.144	1185564.09	0.1084	P	0.2
5	☐	1250.000	1303.345	2340273.34	0.2142	P	0.6
6	☐	2500.000	2530.374	4481422.06	0.4160	P	1.0
7	☐	5000.000	4966.277	8733761.83	0.8164	A	1.7
8	☐			3264.37	0.0003	P	4.8

$$y = 1.6438\text{E-}004 * x + 1.5157\text{E-}006$$

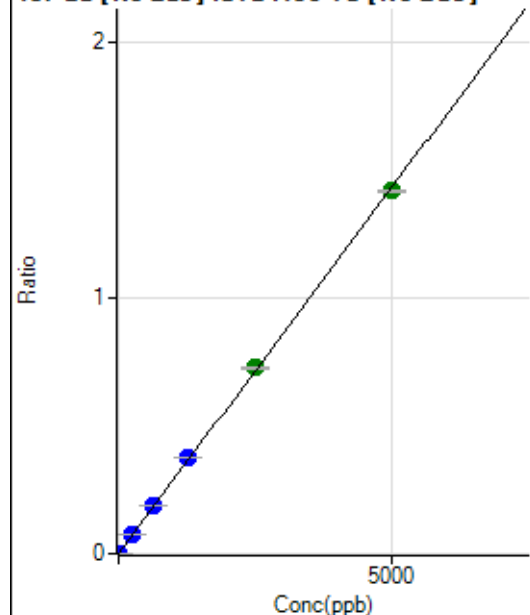
$$R = 0.9999$$

$$DL = 0.02399$$

$$BEC = 0.009221$$

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	61.11	0.0000	P	31.7
2	☐	10.000	10.435	33078.84	0.0030	P	3.4
3	☐	250.000	268.530	850296.04	0.0769	P	0.7
4	☐	625.000	664.403	2082729.50	0.1904	P	0.1
5	☐	1250.000	1311.900	4105458.51	0.3759	P	1.2
6	☐	2500.000	2539.757	7839513.80	0.7276	A	1.3
7	☐	5000.000	4958.794	15199392.01	1.4206	A	0.6
8	☐			5178.88	0.0005	P	2.9

$$y = 2.8649E-004 * x + 5.5577E-006$$

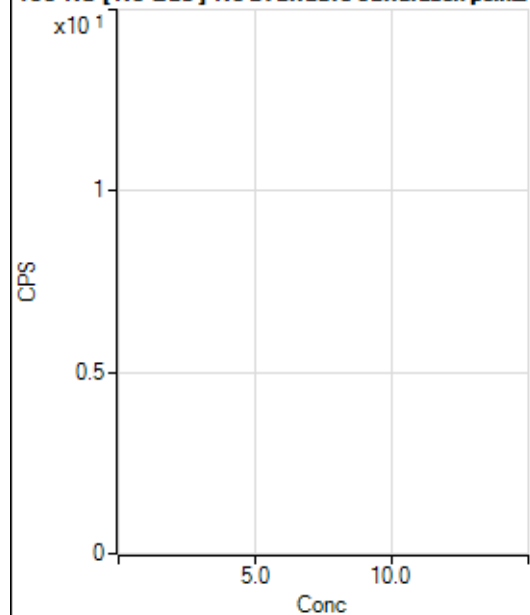
$$R = 0.9999$$

$$DL = 0.01844$$

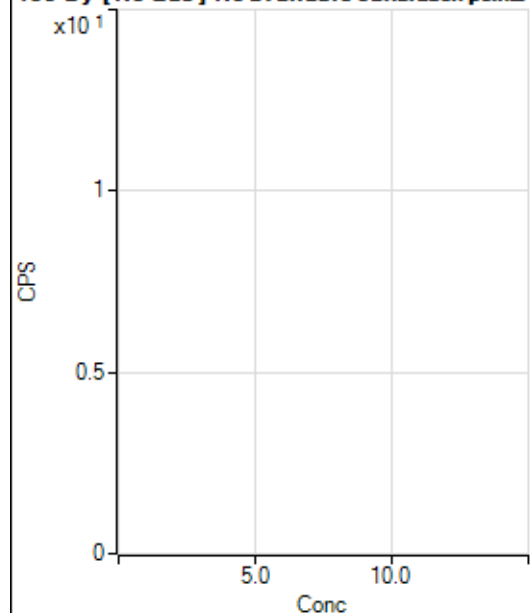
$$BEC = 0.0194$$

Weight: <None>

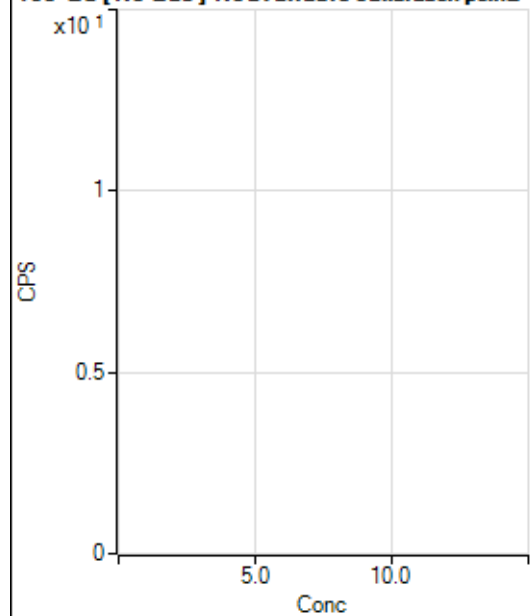
Min Conc: 0

150 Nd [No Gas] No available calibration points

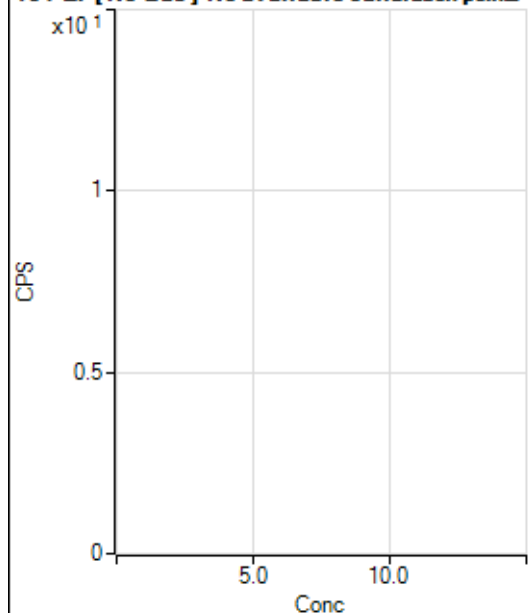
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			2.22		P	173.2
2	☐			8.89		P	114.5
3	☐			53.33		P	21.7
4	☐			88.89		P	26.3
5	☐			193.34		P	15.0
6	☐			364.46		P	14.7
7	☐			686.70		P	14.6
8	☐			71.11		P	5.4

156 Dy [No Gas] No available calibration points

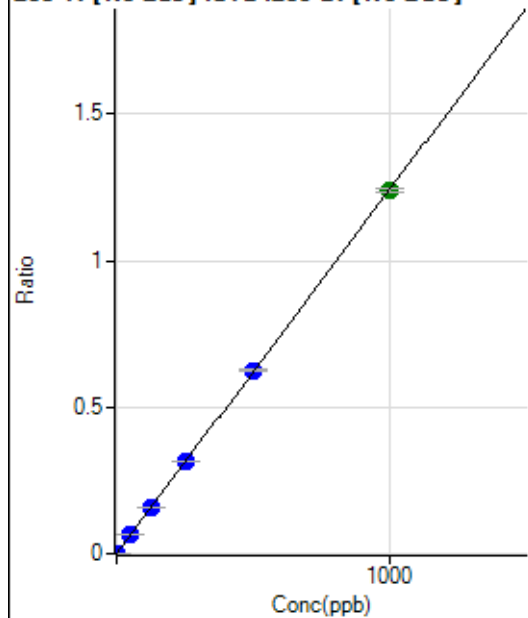
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.78		P	173.2
2	☐			5.55		P	86.6
3	☐			58.33		P	28.6
4	☐			75.00		P	48.4
5	☐			172.23		P	24.4
6	☐			288.90		P	10.9
7	☐			505.58		P	14.0
8	☐			2005.76		P	7.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			72.22		P	17.6
2	☐			97.23		P	13.1
3	☐			86.12		P	24.4
4	☐			111.12		P	18.9
5	☐			163.89		P	12.8
6	☐			313.90		P	20.3
7	☐			563.92		P	17.0
8	☐			2436.39		P	4.8

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			100.00		P	41.7
2	☐			72.22		P	33.3
3	☐			97.23		P	40.5
4	☐			63.89		P	15.1
5	☐			102.78		P	12.4
6	☐			138.89		P	21.1
7	☐			158.34		P	5.3
8	☐			386.13		P	23.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1994.65	0.0003	P	4.2
2	☐	1.000	0.996	11683.17	0.0015	P	2.6
3	☐	50.000	50.924	494814.82	0.0635	P	1.3
4	☐	125.000	126.311	1217922.14	0.1571	P	0.6
5	☐	250.000	253.758	2434581.04	0.3153	P	0.9
6	☐	500.000	503.556	4734908.14	0.6254	P	0.7
7	☐	1000.000	997.072	9310440.05	1.2381	A	1.0
8	☐			2664.25	0.0004	P	18.8

$$y = 0.0012 * x + 2.5509E-004$$

$$R = 1.0000$$

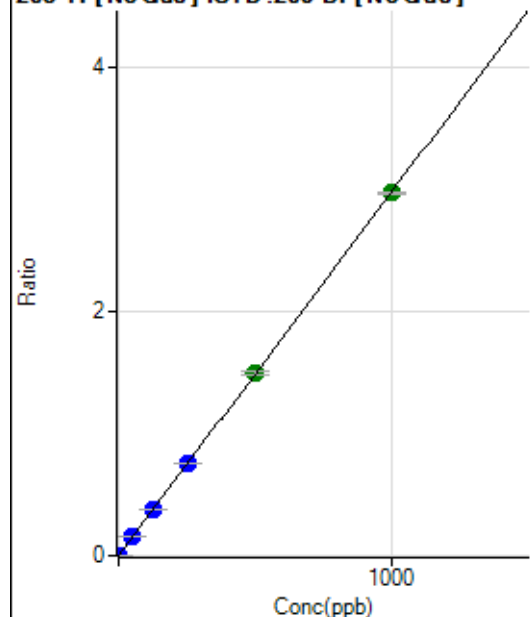
$$DL = 0.02598$$

$$BEC = 0.2055$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5062.19	0.0006	P	3.0
2	☐	1.000	0.965	27570.72	0.0035	P	2.5
3	☐	50.000	50.852	1184914.30	0.1520	P	1.4
4	☐	125.000	125.960	2912150.69	0.3756	P	0.4
5	☐	250.000	253.756	5837173.52	0.7559	P	0.3
6	☐	500.000	501.779	11311420.74	1.4942	A	1.7
7	☐	1000.000	998.009	22345604.14	2.9712	A	0.6
8	☐			6371.17	0.0009	P	15.9

$$y = 0.0030 * x + 6.4758E-004$$

$$R = 1.0000$$

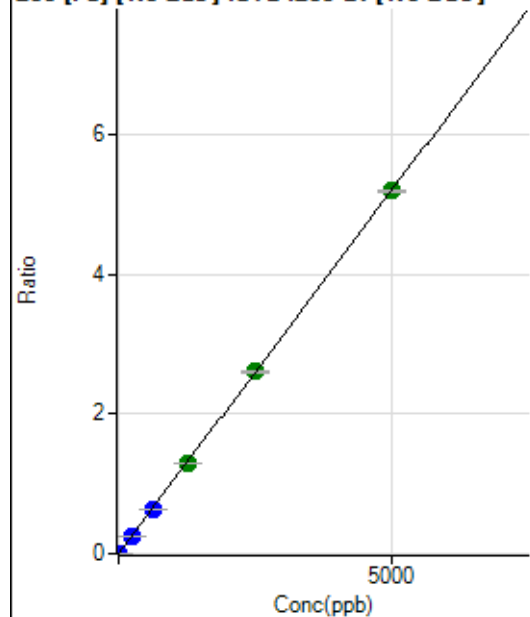
$$DL = 0.01984$$

$$BEC = 0.2176$$

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	1574.19	0.0002	P	7.4
2	☐	1.000	1.043	10055.81	0.0013	P	4.1
3	☐	250.000	248.620	2014212.10	0.2584	P	1.0
4	☐	625.000	617.244	4972052.25	0.6412	P	0.5
5	☐	1250.000	1246.934	10000629.74	1.2952	A	0.4
6	☐	2500.000	2511.064	19743277.53	2.6080	A	1.4
7	☐	5000.000	4996.273	39022735.13	5.1889	A	0.5
8	☐			36581.92	0.0053	P	2.1

$$y = 0.0010 * x + 2.0128E-004$$

$$R = 1.0000$$

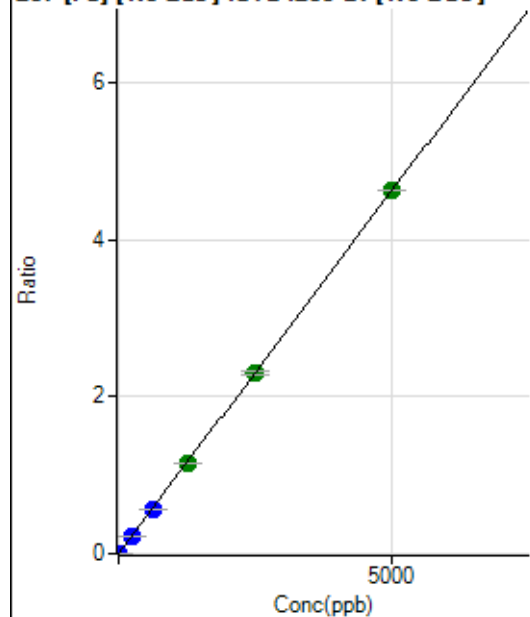
$$DL = 0.04287$$

$$BEC = 0.1938$$

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	1501.97	0.0002	P	3.9
2	☐	1.000	1.035	8995.76	0.0011	P	3.2
3	☐	250.000	248.326	1790290.17	0.2297	P	0.7
4	☐	625.000	617.312	4424830.31	0.5706	P	0.4
5	☐	1250.000	1245.668	8889804.36	1.1513	A	0.0
6	☐	2500.000	2496.552	17466107.91	2.3072	A	1.5
7	☐	5000.000	5003.852	34774374.62	4.6241	A	0.2
8	☐			33748.42	0.0049	P	0.9

$$y = 9.2408\text{E-}004 * x + 1.9214\text{E-}004$$

$$R = 1.0000$$

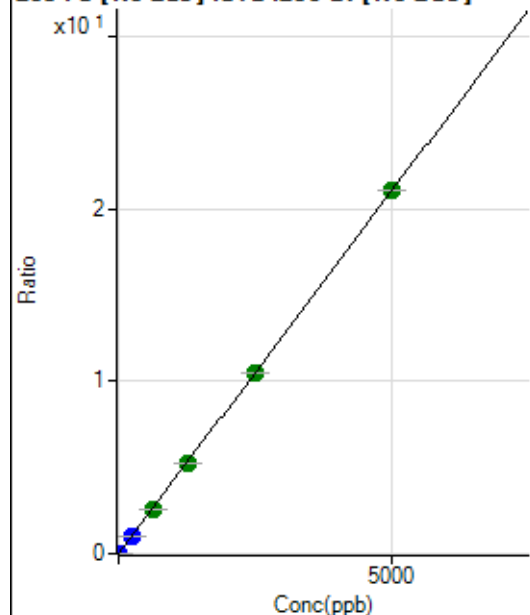
$$DL = 0.02458$$

$$BEC = 0.2079$$

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	6624.84	0.0008	P	1.7
2	☐	1.000	1.032	40648.93	0.0052	P	1.3
3	☐	250.000	248.708	8169267.64	1.0480	P	0.8
4	☐	625.000	621.289	20290290.21	2.6167	A	0.4
5	☐	1250.000	1244.832	40476536.20	5.2420	A	0.2
6	☐	2500.000	2492.416	79451839.16	10.4947	A	0.9
7	☐	5000.000	5005.612	158496034.79	21.0760	A	0.1
8	☐			150630.25	0.0219	P	0.9

$$y = 0.0042 * x + 8.4730\text{E-}004$$

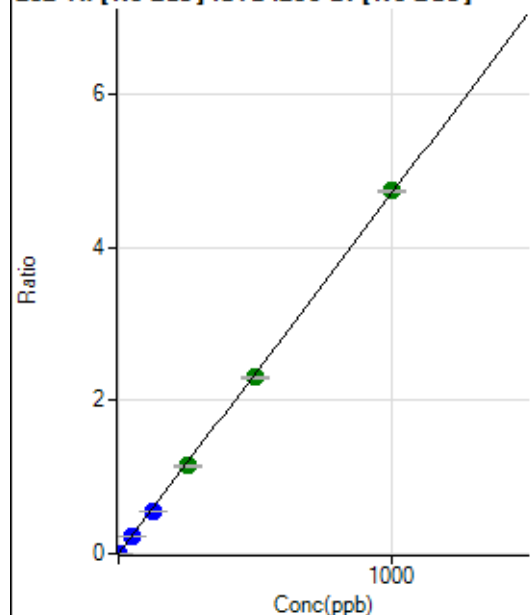
$$R = 1.0000$$

$$DL = 0.0101$$

$$BEC = 0.2012$$

Weight: <None>

Min Conc: 0

232 Th [No Gas] ISTD :209 Bi [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	424.09	0.0001	P	3.1
2	☐	1.000	0.000	407.42	0.0001	P	7.3
3	☐	50.000	46.779	1714912.74	0.2200	P	1.7
4	☐	125.000	118.784	4331032.56	0.5586	P	0.8
5	☐	250.000	243.282	8832916.34	1.1439	A	0.4
6	☐	500.000	490.337	17454275.16	2.3055	A	1.2
7	☐	1000.000	1007.450	35623176.26	4.7369	A	0.6
8	☐			3832.12	0.0006	P	12.4

$$y = 0.0047 * x + 5.4236E-005$$

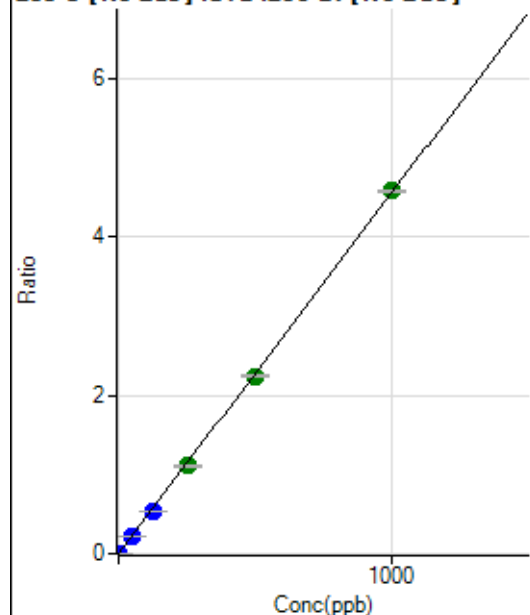
$$R = 0.9999$$

$$DL = 0.00107$$

$$BEC = 0.01154$$

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	119.45	0.0000	P	21.9
2	☐	1.000	0.898	32173.58	0.0041	P	1.7
3	☐	50.000	47.576	1689836.78	0.2168	P	1.1
4	☐	125.000	119.494	4221768.24	0.5445	P	0.7
5	☐	250.000	243.590	8569915.56	1.1099	A	0.9
6	☐	500.000	492.270	16980498.64	2.2429	A	1.1
7	☐	1000.000	1006.277	34477781.33	4.5848	A	0.7
8	☐			3578.36	0.0005	P	8.6

$$y = 0.0046 * x + 1.5291E-005$$

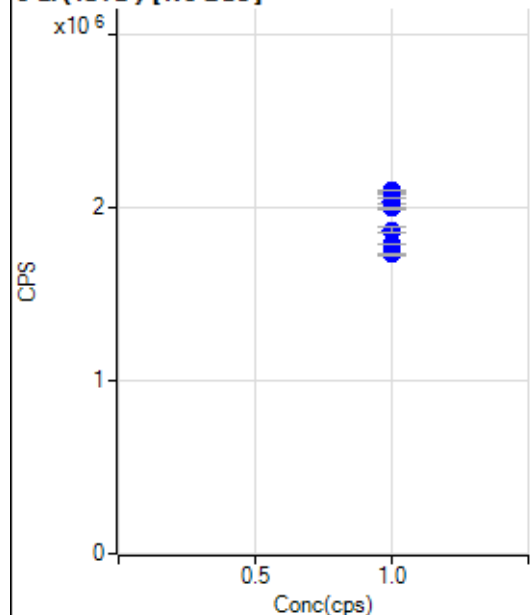
$$R = 0.9999$$

$$DL = 0.002201$$

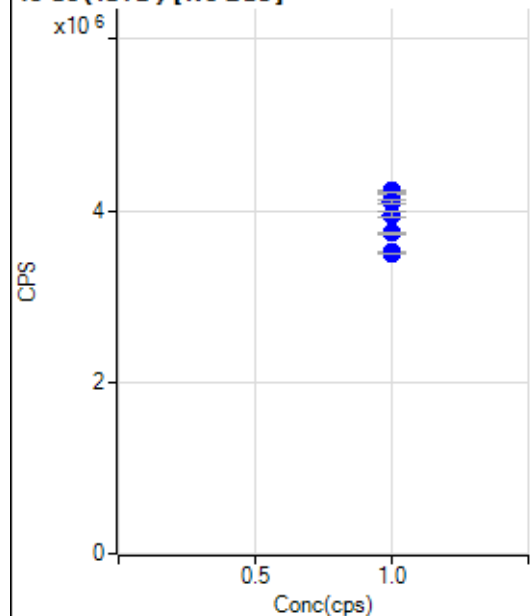
$$BEC = 0.003356$$

Weight: <None>

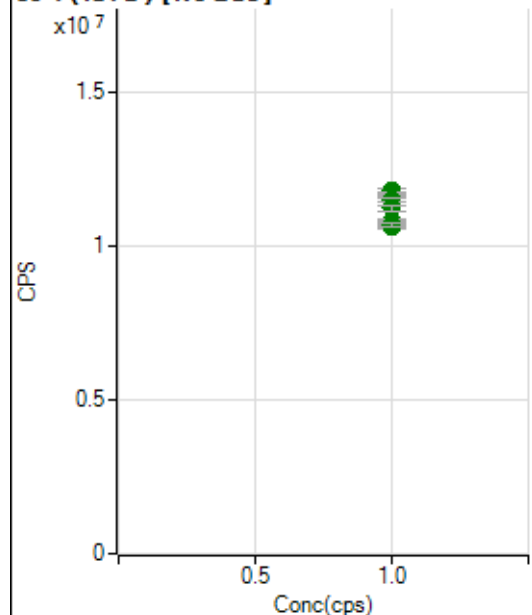
Min Conc: 0

6 Li (ISTD) [No Gas]

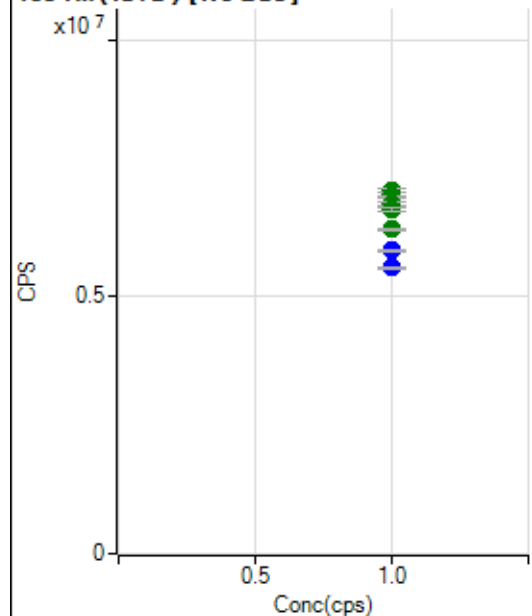
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2082325.14		P	0.4
2	☐	1.000		2094452.56		P	0.4
3	☐	1.000		2094189.92		P	0.1
4	☐	1.000		2035338.29		P	1.4
5	☐	1.000		1992981.90		P	0.8
6	☐	1.000		1869125.32		P	2.0
7	☐	1.000		1786522.06		P	0.5
8	☐	1.000		1727690.74		P	0.4

45 Sc (ISTD) [No Gas]

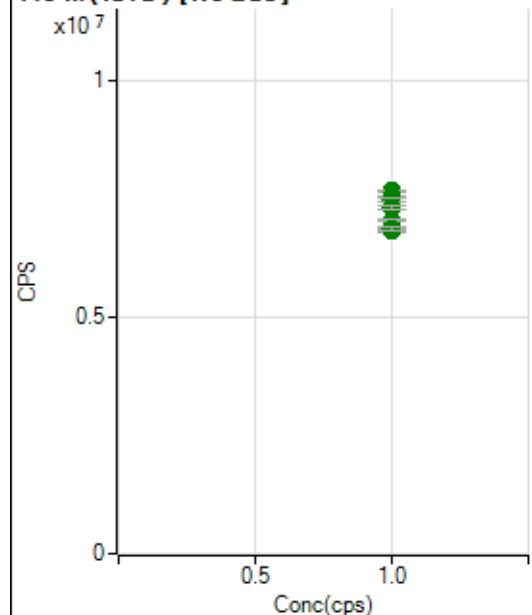
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		4203387.54		P	0.2
2	☐	1.000		4231530.08		P	0.8
3	☐	1.000		4202650.94		P	0.4
4	☐	1.000		4101523.13		P	0.9
5	☐	1.000		3955852.55		P	2.0
6	☐	1.000		3735560.12		P	0.4
7	☐	1.000		3519117.66		P	0.7
8	☐	1.000		3498477.10		P	0.5

89 Y (ISTD) [No Gas]

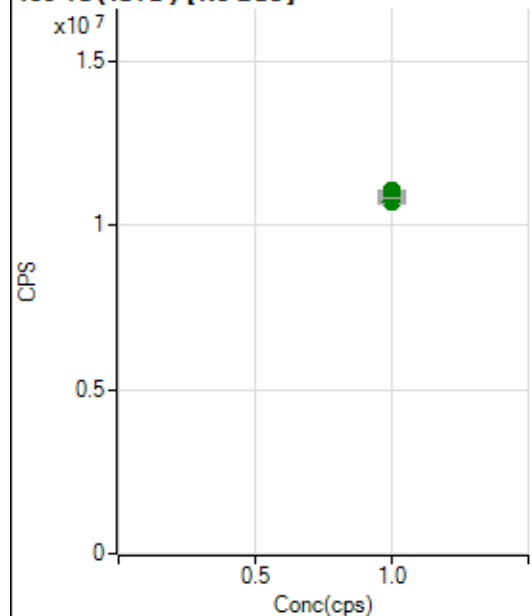
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11678214.83		A	0.5
2	☐	1.000		11797904.13		A	0.9
3	☐	1.000		11749411.07		A	0.5
4	☐	1.000		11508184.69		A	0.9
5	☐	1.000		11235028.58		A	1.3
6	☐	1.000		10824462.69		A	0.6
7	☐	1.000		10617079.56		A	1.2
8	☐	1.000		10705767.69		A	0.8

103 Rh (ISTD) [No Gas]

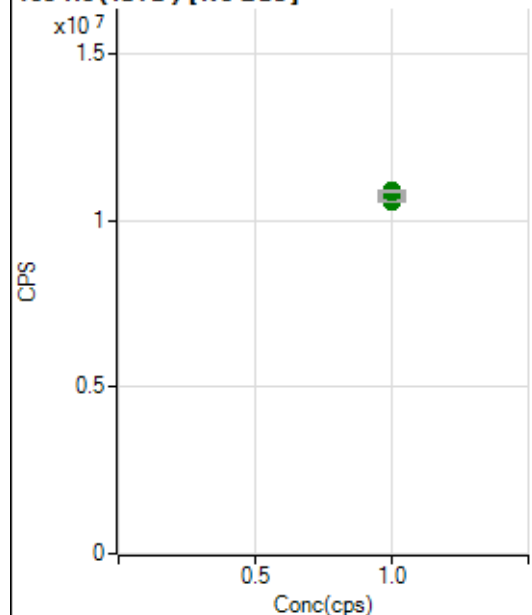
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6996719.62		A	0.7
2	☐	1.000		7061408.09		A	1.0
3	☐	1.000		6948435.04		A	0.5
4	☐	1.000		6816810.94		A	1.2
5	☐	1.000		6706809.55		A	1.2
6	☐	1.000		6308465.95		A	0.2
7	☐	1.000		5910905.26		P	0.7
8	☐	1.000		5571178.88		P	0.6

115 In (ISTD) [No Gas]

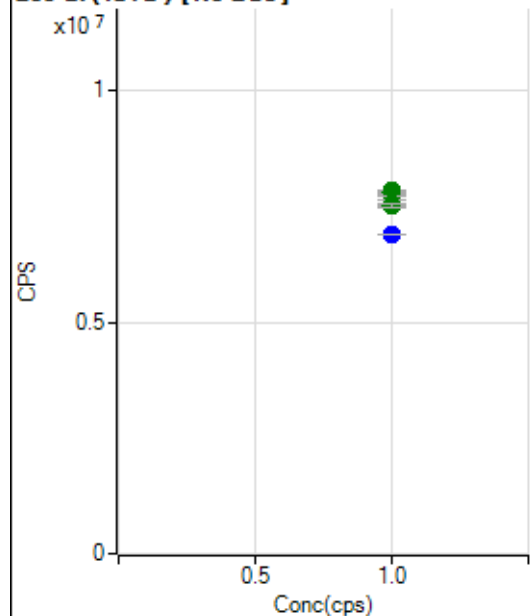
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7661560.52		A	0.1
2	☐	1.000		7667255.53		A	0.4
3	☐	1.000		7572586.90		A	0.1
4	☐	1.000		7481569.85		A	1.1
5	☐	1.000		7321301.48		A	1.2
6	☐	1.000		7048639.23		A	0.5
7	☐	1.000		6832535.20		A	0.8
8	☐	1.000		6860015.89		A	1.1

159 Tb (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11000348.72		A	0.3
2	☐	1.000		11046978.59		A	0.9
3	☐	1.000		11052029.28		A	0.3
4	☐	1.000		10941589.42		A	0.5
5	☐	1.000		10923432.20		A	0.7
6	☐	1.000		10774342.62		A	0.9
7	☐	1.000		10699009.21		A	1.0
8	☐	1.000		10858069.28		A	0.1

165 Ho (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		10832867.27		A	0.8
2	☐	1.000		10892966.37		A	0.7
3	☐	1.000		10849007.27		A	0.5
4	☐	1.000		10776796.65		A	1.0
5	☐	1.000		10825318.17		A	0.6
6	☐	1.000		10633004.49		A	1.2
7	☐	1.000		10583605.74		A	0.8
8	☐	1.000		10859104.07		A	0.5

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		7818156.27		A	0.7
2	☐	1.000		7830574.60		A	0.5
3	☐	1.000		7795538.56		A	0.9
4	☐	1.000		7754165.58		A	0.7
5	☐	1.000		7721631.76		A	0.2
6	☐	1.000		7571362.87		A	1.5
7	☐	1.000		7520302.18		A	1.4
8	☐	1.000		6887210.31		P	0.2

US EPA Tune Check Sample Report

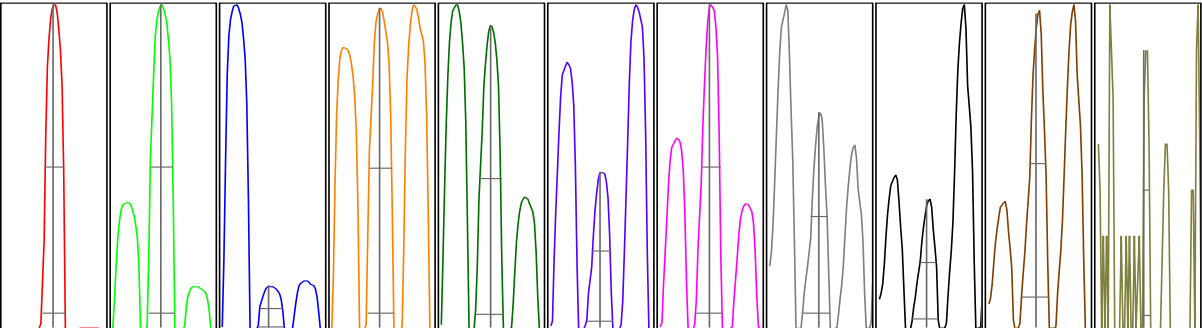
Batch Folder C:\Agilent\ICPMH\1\DATA\DWP7072321MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	5995	0.24	5.00	
24	75876	0.16	5.00	
25	9995	0.34	5.00	
26	11360	0.25	5.00	
59	15427	0.31	5.00	
113	10121	0.35	5.00	
115	35803	2.75	5.00	
206	15652	0.61	5.00	
207	13705	0.17	5.00	
208	33170	0.67	5.00	
220	0	98.54		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	5994	5990	5981	5991	6019
24	75912	75744	75823	75831	76073
25	9966	10002	9958	10042	10006
26	11341	11386	11325	11359	11392
59	15429	15404	15375	15422	15506
113	10155	10151	10129	10097	10073
115	36135	36494	36657	35494	34234
206	15535	15561	15711	15735	15718
207	13717	13689	13731	13714	13675
208	32873	33181	33039	33441	33315
220	0	0	0	0	0

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	11169	9.00	8.9 - 9.1		0.689	0.900	
24	124118	23.95	23.9 - 24.1		0.783	0.900	
25	16275	24.90	24.9 - 25.1		0.763	0.900	
26	18570	25.95	25.9 - 26.1		0.786	0.900	
59	26955	59.00	58.9 - 59.1		0.802	0.900	
113	19223	113.00	112.9 - 113.1		0.747	0.900	
115	67546	115.00	114.9 - 115.1		0.765	0.900	
206	32487	206.00	205.9 - 206.1		0.786	0.900	
207	27331	206.95	206.9 - 207.1		0.741	0.900	
208	67758	207.95	207.9 - 208.1		0.777	0.900	
220	0	219.90	-		0.243		

X% = 5 Integration Time [sec] = 0.1 Acquisition Time [sec] = 256.8 Y Axis = Linear

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
RF Power	1600	W	Carrier Gas	0.72	L/min	S/C Temp		2 °C
RF Matching	1.80	V	Option Gas	0.0	%	Gas Switch		Dilution Gas
Smpl Depth	9.0	mm	Nebulizer Pump	0.10	rps	Makeup/Dilution Gas		0.42 L/min

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	10.3	V	Deflect	13.2	V
Extract 2	-160.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-90	V	Cell Exit	-50	V			

Cell Parameters

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

LB Number :	LB115543	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 13:50:05	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	0.00	-0.03	0.03	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-1	0.11	0.10	-0.21	0.00	N/A	ppb
Barium	135-1	0.01	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.01	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	-0.01	0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Boron	10-1	-0.17	0.02	0.15	0.00	N/A	ppb
Boron	11-1	-0.07	-0.06	0.13	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.01	-0.05	0.06	0.00	N/A	ppb
Cadmium	106-1	-0.15	-0.74	0.89	0.00	N/A	ppb
Cadmium	108-1	-0.05	0.11	-0.06	0.00	N/A	ppb
Calcium	43-1	-0.66	-1.44	2.10	0.00	N/A	ppb
Calcium	44-1	-0.04	-0.74	0.78	0.00	N/A	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	0.00	0.01	-0.01	0.00	N/A	ppb
Cobalt	59-1	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-1	0.00	-0.01	0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				100		%
Indium	115-1				100		%
Iron	56-1	-0.41	0.11	0.30	0.00	N/A	ppb
Iron	57-1	1.16	1.19	-2.36	0.00	N/A	ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	-0.02	0.01	0.00	0.00	N/A	ppb
Lead	207-1	0.01	0.00	-0.01	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-1	0.00	-0.01	0.01	0.00	N/A	ppb
Manganese	55-1	0.01	-0.02	0.01	0.00	N/A	ppb
Molybdenum	94-1	0.01	0.00	-0.01	0.00	N/A	ppb

LB Number :	LB115543	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 13:50:05	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	0.00	0.00	-0.01	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	97-1	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.01	0.00	-0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Nickel	60-1	0.00	0.01	-0.01	0.00	N/A	ppb
Phosphorus	31-1	-0.10	0.12	0.23	0.09	198.42	ppb
Potassium	39-1	-0.34	0.42	-0.08	0.00	N/A	ppb
Rhodium	103-1				100		%
Scandium	45-1				100		%
Selenium	77-1	-0.03	0.33	-0.30	0.00	N/A	ppb
Selenium	78-1						ppb
Selenium	82-1	-0.22	-0.74	0.95	0.00	N/A	ppb
Silicon	28-1	-0.12	-0.10	0.22	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-1	0.03	0.01	-0.04	0.00	N/A	ppb
Strontium	86-1	0.01	0.00	0.00	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	93.54	17.07	41.35	50.65	77.14	ppb
Terbium	159-1				100		%
Thallium	203-1	-0.01	0.01	0.00	0.00	N/A	ppb
Thallium	205-1	0.01	-0.01	0.00	0.00	N/A	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	0.02	-0.01	0.00	N/A	ppb
Titanium	47-1	0.01	-0.02	0.01	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-1	0.00	-0.01	0.01	0.00	N/A	ppb
Yttrium	89-1				100		%
Zinc	66-1	-0.04	0.02	0.02	0.00	N/A	ppb
Zirconium	90-1	0.00	-0.01	0.01	0.00	N/A	ppb
Zirconium	91-1	0.01	-0.01	0.00	0.00	N/A	ppb

LB Number :	LB115543	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 13:52:48	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	20.00	20.32	20.29	20.21	0.90	ppb
Antimony	121-1	2.00	2.04	1.98	2.01	1.35	ppb
Arsenic	75-1	1.01	0.86	0.93	0.93	7.91	ppb
Barium	135-1	10.52	10.27	10.69	10.49	1.99	ppb
Barium	137-1	10.05	10.76	10.50	10.43	3.44	ppb
Beryllium	9-1	1.17	0.95	0.88	1.00	14.96	ppb
Bismuth	209-1				100		%
Boron	10-1	20.99	21.99	22.00	21.66	2.68	ppb
Boron	11-1	21.29	23.12	23.47	22.63	5.18	ppb
Bromine	81-1						cps
Cadmium	111-1	0.93	1.04	0.93	0.97	6.35	ppb
Cadmium	106-1	-0.76	-0.38	-1.12	-0.75		ppb
Cadmium	108-1	1.34	1.10	1.28	1.24	10.05	ppb
Calcium	43-1	502.70	493.71	510.89	502.43	1.71	ppb
Calcium	44-1	512.55	522.86	519.75	518.38	1.02	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	1.97	2.06	2.00	2.01	2.27	ppb
Cobalt	59-1	0.97	1.00	1.00	0.99	2.06	ppb
Copper	63-1	2.68	2.77	2.68	2.71	1.92	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				101		%
Indium	115-1				100		%
Iron	56-1	48.15	51.38	49.04	49.52	3.38	ppb
Iron	57-1	53.56	51.00	52.77	52.44	2.51	ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	1.09	0.99	1.05	1.04	4.88	ppb
Lead	207-1	1.07	0.99	1.04	1.04	3.85	ppb
Lead	208-1	1.05	1.02	1.03	1.03	1.54	ppb
Lithium	6-1				101		%
Magnesium	24-1	442.23	447.75	443.61	444.53	0.65	ppb
Manganese	55-1	1.24	1.22	1.21	1.22	1.05	ppb
Molybdenum	94-1	4.90	4.69	4.84	4.81	2.24	ppb

LB Number :	LB115543	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 13:52:48	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	4.91	4.51	5.02	4.82	5.62	ppb
Molybdenum	96-1	4.93	5.03	5.05	5.00	1.27	ppb
Molybdenum	97-1	4.98	4.63	4.98	4.86	4.15	ppb
Molybdenum	98-1	4.91	5.00	4.95	4.95	0.91	ppb
Neodymium	150-1						cps
Nickel	60-1	1.30	1.25	1.29	1.28	2.02	ppb
Phosphorus	31-1	-0.06	0.30	-0.50	-0.09		ppb
Potassium	39-1	471.55	478.67	471.28	473.83	0.89	ppb
Rhodium	103-1				101		%
Scandium	45-1				101		%
Selenium	77-1	5.52	4.58	5.57	5.22	10.70	ppb
Selenium	78-1						ppb
Selenium	82-1	5.12	4.80	4.82	4.91	3.66	ppb
Silicon	28-1	7.23	7.25	7.08	7.19	1.22	ppb
Silver	107-1	1.05	1.09	0.98	1.04	5.58	ppb
Silver	109-1	1.04	1.06	1.09	1.06	2.45	ppb
Sodium	23-1	477.09	476.81	482.91	478.93	0.72	ppb
Strontium	86-1	0.09	0.10	0.10	0.10	6.30	ppb
Strontium	88-1	1.07	1.08	1.07	1.07	0.65	ppb
Sulfur	34-1	93.38	76.32	-321.66	-50.65		ppb
Terbium	159-1				100		%
Thallium	203-1	1.00	1.03	0.96	1.00	3.19	ppb
Thallium	205-1	0.97	0.99	0.93	0.97	3.10	ppb
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	5.10	5.23	5.18	5.17	1.32	ppb
Titanium	47-1	4.93	5.18	4.45	4.85	7.58	ppb
Uranium	238-1	0.90	0.88	0.91	0.90	1.74	ppb
Vanadium	51-1	4.87	5.10	4.91	4.96	2.53	ppb
Yttrium	89-1				101		%
Zinc	66-1	7.23	7.24	7.09	7.19	1.12	ppb
Zirconium	90-1	0.94	0.94	0.95	0.94	0.62	ppb
Zirconium	91-1	0.91	1.02	0.97	0.96	5.89	ppb

LB Number :	LB115543	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 13:55:30	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	954.91	965.67	965.90	962.16	0.65	ppb
Antimony	121-1	52.96	53.54	53.62	53.37	0.67	ppb
Arsenic	75-1	53.27	53.68	53.19	53.38	0.50	ppb
Barium	135-1	268.19	268.02	269.62	268.61	0.33	ppb
Barium	137-1	268.16	266.78	270.65	268.53	0.73	ppb
Beryllium	9-1	52.53	53.04	52.26	52.61	0.75	ppb
Bismuth	209-1				100		%
Boron	10-1	44.89	49.99	52.68	49.18	8.04	ppb
Boron	11-1	47.07	48.48	51.49	49.01	4.61	ppb
Bromine	81-1						cps
Cadmium	111-1	55.52	55.76	55.32	55.54	0.40	ppb
Cadmium	106-1	52.24	54.36	57.47	54.69	4.81	ppb
Cadmium	108-1	52.16	54.99	53.71	53.62	2.64	ppb
Calcium	43-1	5198.50	5317.64	5327.04	5281.06	1.36	ppb
Calcium	44-1	5257.34	5269.57	5317.76	5281.56	0.60	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	51.02	51.21	51.41	51.21	0.38	ppb
Cobalt	59-1	51.02	51.57	51.92	51.50	0.89	ppb
Copper	63-1	521.97	524.68	527.96	524.87	0.57	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				100		%
Indium	115-1				99		%
Iron	56-1	2514.57	2536.41	2546.41	2532.46	0.64	ppb
Iron	57-1	2620.49	2615.54	2614.11	2616.71	0.13	ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	246.89	251.38	247.59	248.62	0.97	ppb
Lead	207-1	247.14	250.26	247.58	248.33	0.68	ppb
Lead	208-1	246.88	250.65	248.60	248.71	0.76	ppb
Lithium	6-1				101		%
Magnesium	24-1	4824.13	4802.00	4804.70	4810.28	0.25	ppb
Manganese	55-1	497.02	493.49	500.92	497.15	0.75	ppb
Molybdenum	94-1	257.52	260.41	259.55	259.16	0.57	ppb

LB Number :	LB115543	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 13:55:30	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	259.69	261.91	262.04	261.21	0.51	ppb
Molybdenum	96-1	259.22	262.91	263.44	261.86	0.88	ppb
Molybdenum	97-1	259.18	260.65	261.09	260.31	0.38	ppb
Molybdenum	98-1	259.99	262.46	261.91	261.45	0.49	ppb
Neodymium	150-1						cps
Nickel	60-1	54.21	53.74	54.31	54.09	0.56	ppb
Phosphorus	31-1	1046.11	1045.19	1053.97	1048.43	0.46	ppb
Potassium	39-1	2450.69	2454.83	2456.98	2454.16	0.13	ppb
Rhodium	103-1				99		%
Scandium	45-1				100		%
Selenium	77-1	48.21	52.87	51.56	50.88	4.73	ppb
Selenium	78-1						ppb
Selenium	82-1	52.21	54.89	54.11	53.74	2.57	ppb
Silicon	28-1	46.40	49.55	49.97	48.64	4.01	ppb
Silver	107-1	56.84	57.16	57.33	57.11	0.43	ppb
Silver	109-1	56.17	56.86	56.69	56.57	0.63	ppb
Sodium	23-1	4869.06	4924.59	4892.62	4895.42	0.57	ppb
Strontium	86-1	52.26	52.19	52.63	52.36	0.45	ppb
Strontium	88-1	504.74	510.70	508.21	507.88	0.59	ppb
Sulfur	34-1	1188.41	1076.60	1040.74	1101.91	6.99	ppb
Terbium	159-1				100		%
Thallium	203-1	50.18	51.39	51.20	50.92	1.28	ppb
Thallium	205-1	50.16	51.57	50.82	50.85	1.39	ppb
Thorium	232-1	45.94	47.47	46.92	46.78	1.65	ppb
Tin	118-1	54.25	53.93	54.15	54.11	0.30	ppb
Titanium	47-1	255.09	255.23	252.02	254.11	0.71	ppb
Uranium	238-1	47.19	48.18	47.36	47.58	1.12	ppb
Vanadium	51-1	50.51	50.77	50.72	50.67	0.27	ppb
Yttrium	89-1				101		%
Zinc	66-1	518.74	520.24	524.52	521.17	0.58	ppb
Zirconium	90-1	51.86	52.28	52.28	52.14	0.46	ppb
Zirconium	91-1	52.11	51.92	51.69	51.90	0.40	ppb

LB Number :	LB115543	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 13:58:13	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	2433.58	2389.62	2374.80	2399.33	1.27	ppb
Antimony	121-1	132.38	133.79	133.42	133.20	0.55	ppb
Arsenic	75-1	135.93	137.05	137.85	136.95	0.71	ppb
Barium	135-1	657.49	660.59	659.35	659.14	0.24	ppb
Barium	137-1	664.90	664.36	663.95	664.40	0.07	ppb
Beryllium	9-1	129.57	132.12	134.47	132.05	1.86	ppb
Bismuth	209-1				99		%
Boron	10-1	115.42	122.50	129.67	122.53	5.82	ppb
Boron	11-1	121.35	124.83	131.19	125.79	3.97	ppb
Bromine	81-1						cps
Cadmium	111-1	136.28	137.13	137.91	137.11	0.60	ppb
Cadmium	106-1	132.95	142.68	139.52	138.38	3.59	ppb
Cadmium	108-1	138.37	138.12	140.28	138.92	0.85	ppb
Calcium	43-1	13270.94	13151.40	13204.26	13208.87	0.45	ppb
Calcium	44-1	13199.24	13033.73	13053.18	13095.38	0.69	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	127.48	126.74	126.18	126.80	0.51	ppb
Cobalt	59-1	128.53	126.86	127.06	127.48	0.72	ppb
Copper	63-1	1304.27	1289.96	1277.19	1290.47	1.05	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				99		%
Indium	115-1				98		%
Iron	56-1	6383.31	6363.10	6266.79	6337.73	0.98	ppb
Iron	57-1	6562.15	6560.33	6442.27	6521.59	1.05	ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	615.37	615.92	620.44	617.24	0.45	ppb
Lead	207-1	614.81	617.55	619.57	617.31	0.39	ppb
Lead	208-1	620.47	623.76	619.63	621.29	0.35	ppb
Lithium	6-1				98		%
Magnesium	24-1	12284.45	12079.46	12006.64	12123.52	1.19	ppb
Manganese	55-1	1248.94	1230.22	1221.14	1233.43	1.15	ppb
Molybdenum	94-1	652.63	650.66	649.00	650.76	0.28	ppb

LB Number :	LB115543	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 13:58:13	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	649.95	650.63	648.57	649.72	0.16	ppb
Molybdenum	96-1	657.85	654.95	656.26	656.35	0.22	ppb
Molybdenum	97-1	653.46	650.99	651.68	652.04	0.20	ppb
Molybdenum	98-1	657.53	652.32	655.09	654.98	0.40	ppb
Neodymium	150-1						cps
Nickel	60-1	132.39	131.71	130.22	131.44	0.84	ppb
Phosphorus	31-1	2631.76	2593.78	2593.65	2606.40	0.84	ppb
Potassium	39-1	6139.01	6098.68	6022.12	6086.60	0.98	ppb
Rhodium	103-1				97		%
Scandium	45-1				98		%
Selenium	77-1	137.65	135.21	137.69	136.85	1.04	ppb
Selenium	78-1						ppb
Selenium	82-1	134.79	132.07	132.08	132.98	1.18	ppb
Silicon	28-1	119.62	123.66	127.58	123.62	3.22	ppb
Silver	107-1	139.90	139.80	139.86	139.85	0.04	ppb
Silver	109-1	138.19	139.72	139.28	139.06	0.56	ppb
Sodium	23-1	12330.35	12146.26	12071.27	12182.63	1.09	ppb
Strontium	86-1	129.58	129.41	130.42	129.80	0.42	ppb
Strontium	88-1	1271.15	1259.28	1260.65	1263.69	0.51	ppb
Sulfur	34-1	2880.24	2794.87	2573.87	2749.66	5.75	ppb
Terbium	159-1				99		%
Thallium	203-1	125.79	125.92	127.23	126.31	0.63	ppb
Thallium	205-1	126.38	125.42	126.08	125.96	0.39	ppb
Thorium	232-1	118.60	117.96	119.80	118.78	0.79	ppb
Tin	118-1	134.90	134.02	135.30	134.74	0.49	ppb
Titanium	47-1	634.42	635.38	629.40	633.07	0.51	ppb
Uranium	238-1	119.05	118.92	120.51	119.49	0.74	ppb
Vanadium	51-1	126.86	126.09	125.65	126.20	0.48	ppb
Yttrium	89-1				99		%
Zinc	66-1	1289.32	1278.50	1278.13	1281.98	0.50	ppb
Zirconium	90-1	131.47	130.10	131.11	130.89	0.54	ppb
Zirconium	91-1	129.83	128.74	130.88	129.82	0.82	ppb

LB Number :	LB115543	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 14:00:56	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	4797.65	4837.79	4877.93	4837.79	0.83	ppb
Antimony	121-1	260.07	263.34	261.64	261.68	0.63	ppb
Arsenic	75-1	265.68	264.09	263.96	264.58	0.36	ppb
Barium	135-1	1296.61	1312.81	1300.61	1303.34	0.65	ppb
Barium	137-1	1303.07	1329.47	1303.16	1311.90	1.16	ppb
Beryllium	9-1	259.77	256.73	255.64	257.38	0.83	ppb
Bismuth	209-1				99		%
Boron	10-1	236.97	255.60	256.48	249.68	4.41	ppb
Boron	11-1	234.57	249.46	252.26	245.43	3.87	ppb
Bromine	81-1						cps
Cadmium	111-1	265.99	270.08	266.05	267.37	0.88	ppb
Cadmium	106-1	265.28	265.30	266.68	265.76	0.30	ppb
Cadmium	108-1	266.46	267.80	263.04	265.77	0.92	ppb
Calcium	43-1	25747.68	26334.06	26244.51	26108.75	1.21	ppb
Calcium	44-1	23973.63	24177.35	24392.60	24181.19	0.87	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	248.71	253.08	253.55	251.78	1.06	ppb
Cobalt	59-1	249.89	252.22	255.10	252.40	1.03	ppb
Copper	63-1	2513.89	2549.05	2555.89	2539.61	0.89	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				100		%
Indium	115-1				96		%
Iron	56-1	12323.21	12529.31	12696.41	12516.31	1.49	ppb
Iron	57-1	12808.38	13003.34	13080.28	12964.00	1.08	ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	1248.00	1241.92	1250.88	1246.93	0.37	ppb
Lead	207-1	1245.96	1245.62	1245.42	1245.67	0.02	ppb
Lead	208-1	1242.38	1246.96	1245.16	1244.83	0.19	ppb
Lithium	6-1				96		%
Magnesium	24-1	23972.69	24443.78	24604.25	24340.24	1.35	ppb
Manganese	55-1	2429.90	2470.14	2486.07	2462.04	1.18	ppb
Molybdenum	94-1	1291.05	1302.05	1305.55	1299.55	0.58	ppb

LB Number :	LB115543	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 14:00:56	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	1285.41	1298.24	1305.56	1296.41	0.79	ppb
Molybdenum	96-1	1292.42	1313.22	1314.04	1306.56	0.94	ppb
Molybdenum	97-1	1281.70	1306.96	1302.57	1297.08	1.04	ppb
Molybdenum	98-1	1247.06	1278.36	1277.70	1267.71	1.41	ppb
Neodymium	150-1						cps
Nickel	60-1	259.45	261.67	261.60	260.91	0.48	ppb
Phosphorus	31-1	5103.33	5157.39	5161.74	5140.82	0.63	ppb
Potassium	39-1	12008.45	12306.19	12288.85	12201.16	1.37	ppb
Rhodium	103-1				96		%
Scandium	45-1				94		%
Selenium	77-1	268.09	257.18	258.50	261.26	2.28	ppb
Selenium	78-1						ppb
Selenium	82-1	257.07	263.05	264.42	261.51	1.50	ppb
Silicon	28-1	230.43	246.85	253.02	243.43	4.80	ppb
Silver	107-1	271.34	275.62	270.66	272.54	0.99	ppb
Silver	109-1	268.54	272.83	269.12	270.16	0.86	ppb
Sodium	23-1	24408.00	24663.80	24919.16	24663.66	1.04	ppb
Strontium	86-1	255.64	259.89	258.18	257.90	0.83	ppb
Strontium	88-1	2497.55	2524.30	2516.63	2512.83	0.55	ppb
Sulfur	34-1	4984.75	4983.77	4851.20	4939.91	1.56	ppb
Terbium	159-1				99		%
Thallium	203-1	253.35	256.16	251.76	253.76	0.88	ppb
Thallium	205-1	252.96	254.64	253.67	253.76	0.33	ppb
Thorium	232-1	242.37	243.17	244.30	243.28	0.40	ppb
Tin	118-1	260.25	265.92	264.24	263.47	1.10	ppb
Titanium	47-1	1253.17	1260.52	1261.06	1258.25	0.35	ppb
Uranium	238-1	242.62	242.13	246.02	243.59	0.87	ppb
Vanadium	51-1	248.63	252.87	253.45	251.65	1.05	ppb
Yttrium	89-1				96		%
Zinc	66-1	2497.76	2540.93	2554.91	2531.20	1.18	ppb
Zirconium	90-1	259.97	261.66	261.62	261.08	0.37	ppb
Zirconium	91-1	256.42	258.40	259.84	258.22	0.66	ppb

LB Number :	LB115543	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 14:03:40	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	9545.57	9732.20	9741.17	9672.98	1.14	ppb
Antimony	121-1	502.50	506.18	520.38	509.69	1.85	ppb
Arsenic	75-1	505.71	517.32	526.03	516.35	1.97	ppb
Barium	135-1	2513.07	2519.81	2558.24	2530.37	0.96	ppb
Barium	137-1	2505.58	2545.06	2568.63	2539.76	1.25	ppb
Beryllium	9-1	500.63	510.72	523.04	511.46	2.19	ppb
Bismuth	209-1				97		%
Boron	10-1	463.49	501.89	516.77	494.05	5.56	ppb
Boron	11-1	471.41	500.37	524.45	498.74	5.32	ppb
Bromine	81-1						cps
Cadmium	111-1	513.11	513.02	519.92	515.35	0.77	ppb
Cadmium	106-1	509.63	504.42	512.22	508.76	0.78	ppb
Cadmium	108-1	516.15	511.15	516.01	514.44	0.55	ppb
Calcium	43-1	51351.72	52291.08	51615.46	51752.76	0.94	ppb
Calcium	44-1	48009.93	48577.56	48208.93	48265.48	0.60	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	494.05	498.28	505.76	499.36	1.19	ppb
Cobalt	59-1	494.04	497.04	500.27	497.11	0.63	ppb
Copper	63-1	4975.63	4982.45	5064.96	5007.68	0.99	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				98		%
Indium	115-1				92		%
Iron	56-1	25021.02	25086.27	25120.38	25075.89	0.20	ppb
Iron	57-1	24874.09	25325.54	25239.60	25146.41	0.95	ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	2485.07	2498.03	2550.09	2511.06	1.37	ppb
Lead	207-1	2472.62	2477.09	2539.94	2496.55	1.51	ppb
Lead	208-1	2485.33	2474.27	2517.65	2492.42	0.90	ppb
Lithium	6-1				90		%
Magnesium	24-1	48237.92	48597.73	48929.22	48588.29	0.71	ppb
Manganese	55-1	4890.01	4932.12	4952.36	4924.83	0.65	ppb
Molybdenum	94-1	2481.17	2540.20	2529.50	2516.95	1.25	ppb

LB Number :	LB115543	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 14:03:40	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	2483.38	2525.40	2504.45	2504.41	0.84	ppb
Molybdenum	96-1	2510.76	2514.79	2510.90	2512.15	0.09	ppb
Molybdenum	97-1	2538.43	2575.91	2553.87	2556.07	0.74	ppb
Molybdenum	98-1	2482.17	2526.43	2524.16	2510.92	0.99	ppb
Neodymium	150-1						cps
Nickel	60-1	503.13	507.30	511.20	507.21	0.80	ppb
Phosphorus	31-1	10067.37	10133.47	10214.62	10138.49	0.73	ppb
Potassium	39-1	24115.49	24240.52	24525.61	24293.87	0.87	ppb
Rhodium	103-1				90		%
Scandium	45-1				89		%
Selenium	77-1	510.06	514.00	496.60	506.89	1.80	ppb
Selenium	78-1						ppb
Selenium	82-1	516.80	521.31	507.32	515.14	1.39	ppb
Silicon	28-1	467.76	497.68	511.45	492.30	4.54	ppb
Silver	107-1	515.72	514.52	524.07	518.11	1.00	ppb
Silver	109-1	515.09	511.96	520.62	515.89	0.85	ppb
Sodium	23-1	48723.60	49176.89	49015.84	48972.11	0.47	ppb
Strontium	86-1	501.65	508.47	506.75	505.62	0.70	ppb
Strontium	88-1	4992.81	5070.62	5022.58	5028.67	0.78	ppb
Sulfur	34-1	9764.68	9990.68	10178.28	9977.88	2.08	ppb
Terbium	159-1				98		%
Thallium	203-1	500.01	503.13	507.53	503.56	0.75	ppb
Thallium	205-1	494.30	500.35	510.69	501.78	1.65	ppb
Thorium	232-1	484.35	490.18	496.48	490.34	1.24	ppb
Tin	118-1	506.05	508.49	519.77	511.44	1.43	ppb
Titanium	47-1	2465.89	2518.63	2532.02	2505.52	1.40	ppb
Uranium	238-1	486.31	493.03	497.47	492.27	1.14	ppb
Vanadium	51-1	489.15	497.18	500.19	495.51	1.15	ppb
Yttrium	89-1				93		%
Zinc	66-1	4966.34	4992.85	5132.74	5030.64	1.78	ppb
Zirconium	90-1	507.97	509.46	516.77	511.40	0.92	ppb
Zirconium	91-1	505.61	516.45	513.74	511.93	1.10	ppb

LB Number :	LB115543	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 14:06:23	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	19672.71	19728.71	20091.18	19830.87	1.15	ppb
Antimony	121-1	986.38	978.19	1008.55	991.04	1.58	ppb
Arsenic	75-1	997.28	977.66	984.62	986.52	1.01	ppb
Barium	135-1	4953.81	4890.25	5054.77	4966.28	1.67	ppb
Barium	137-1	4941.07	4943.52	4991.80	4958.79	0.58	ppb
Beryllium	9-1	986.24	995.32	992.68	991.41	0.47	ppb
Bismuth	209-1				96		%
Boron	10-1	953.71	1014.41	1042.34	1003.49	4.52	ppb
Boron	11-1	958.78	1000.12	1046.45	1001.78	4.38	ppb
Bromine	81-1						cps
Cadmium	111-1	984.07	984.51	990.00	986.19	0.33	ppb
Cadmium	106-1	993.17	976.05	1000.11	989.78	1.25	ppb
Cadmium	108-1	989.46	979.48	991.81	986.92	0.66	ppb
Calcium	43-1	102801.93	103305.75	103638.50	103248.73	0.41	ppb
Calcium	44-1	97129.70	98068.76	99221.56	98140.01	1.07	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	987.50	996.64	1014.63	999.59	1.38	ppb
Cobalt	59-1	981.24	1000.07	1020.07	1000.46	1.94	ppb
Copper	63-1	9822.64	10021.40	10095.84	9979.96	1.42	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				98		%
Indium	115-1				89		%
Iron	56-1	51047.73	51676.76	52343.31	51689.27	1.25	ppb
Iron	57-1	50230.83	50702.76	51839.66	50924.42	1.62	ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	4972.99	5017.97	4997.86	4996.27	0.45	ppb
Lead	207-1	5012.46	5002.79	4996.30	5003.85	0.16	ppb
Lead	208-1	5009.67	5007.28	4999.89	5005.61	0.10	ppb
Lithium	6-1				86		%
Magnesium	24-1	97047.10	97339.24	99701.36	98029.23	1.48	ppb
Manganese	55-1	9854.01	10095.55	10198.31	10049.29	1.76	ppb
Molybdenum	94-1	5016.70	4929.78	4979.89	4975.46	0.88	ppb

LB Number :	LB115543	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 14:06:23	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	5001.64	4941.66	5004.33	4982.54	0.71	ppb
Molybdenum	96-1	4960.16	4950.84	5014.82	4975.27	0.69	ppb
Molybdenum	97-1	4967.93	4922.63	4978.35	4956.30	0.60	ppb
Molybdenum	98-1	5032.73	4935.88	4988.77	4985.79	0.97	ppb
Neodymium	150-1						cps
Nickel	60-1	982.53	991.42	1004.02	992.66	1.09	ppb
Phosphorus	31-1	19909.87	19636.82	20092.81	19879.83	1.15	ppb
Potassium	39-1	48816.29	49326.74	49997.79	49380.27	1.20	ppb
Rhodium	103-1				84		%
Scandium	45-1				84		%
Selenium	77-1	1009.13	977.42	990.09	992.21	1.61	ppb
Selenium	78-1						ppb
Selenium	82-1	997.14	980.41	987.56	988.37	0.85	ppb
Silicon	28-1	972.87	1017.04	1027.38	1005.76	2.88	ppb
Silver	107-1	986.16	970.87	992.27	983.10	1.12	ppb
Silver	109-1	987.00	971.46	996.32	984.93	1.28	ppb
Sodium	23-1	98590.28	98687.73	101690.05	99656.02	1.77	ppb
Strontium	86-1	999.69	983.84	999.95	994.50	0.93	ppb
Strontium	88-1	10048.82	9823.01	10069.23	9980.35	1.37	ppb
Sulfur	34-1	20280.47	19873.81	19815.06	19989.78	1.27	ppb
Terbium	159-1				97		%
Thallium	203-1	996.93	1007.28	987.01	997.07	1.02	ppb
Thallium	205-1	990.54	1001.34	1002.15	998.01	0.65	ppb
Thorium	232-1	1009.91	1000.62	1011.83	1007.45	0.60	ppb
Tin	118-1	990.29	982.77	995.41	989.49	0.64	ppb
Titanium	47-1	4980.37	4999.67	5001.86	4993.96	0.24	ppb
Uranium	238-1	1013.82	1000.93	1004.08	1006.28	0.67	ppb
Vanadium	51-1	990.14	1001.55	1013.27	1001.65	1.15	ppb
Yttrium	89-1				91		%
Zinc	66-1	9859.35	9990.81	10065.31	9971.82	1.05	ppb
Zirconium	90-1	991.27	983.17	997.61	990.69	0.73	ppb
Zirconium	91-1	994.06	986.74	993.05	991.28	0.40	ppb

LB Number :	LB115543	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 14:09:07	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	98203.23	100204.82	101824.56	100077.53	1.81	ppb
Antimony	121-1	0.56	0.57	0.56	0.56	0.87	ppb
Arsenic	75-1	0.49	0.57	0.58	0.54	9.27	ppb
Barium	135-1	1.87	1.87	1.72	1.82	4.78	ppb
Barium	137-1	1.60	1.69	1.65	1.65	2.97	ppb
Beryllium	9-1	0.14	0.15	0.16	0.15	4.29	ppb
Bismuth	209-1				88		%
Boron	10-1	47.05	40.88	36.20	41.37	13.15	ppb
Boron	11-1	44.74	40.91	35.30	40.32	11.77	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.09	-0.08	-0.15	-0.11		ppb
Cadmium	106-1	-3.06	-2.84	-3.28	-3.06		ppb
Cadmium	108-1	1.06	1.23	1.20	1.16	7.64	ppb
Calcium	43-1	490392.26	502419.15	504485.61	499099.01	1.52	ppb
Calcium	44-1	494951.28	503853.13	502901.61	500568.67	0.98	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	3.29	3.27	3.18	3.25	1.65	ppb
Cobalt	59-1	1.76	1.81	1.77	1.78	1.50	ppb
Copper	63-1	5.75	5.81	5.96	5.84	1.82	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				100		%
Indium	115-1				90		%
Iron	56-1	246620.56	250116.30	252216.81	249651.22	1.13	ppb
Iron	57-1	247482.84	249893.40	251931.71	249769.32	0.89	ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	4.81	4.94	5.02	4.92	2.20	ppb
Lead	207-1	5.15	5.07	5.06	5.09	0.92	ppb
Lead	208-1	4.95	5.04	4.99	4.99	0.95	ppb
Lithium	6-1				83		%
Magnesium	24-1	493660.73	501903.94	506174.37	500579.68	1.27	ppb
Manganese	55-1	7.41	7.55	7.70	7.55	1.91	ppb
Molybdenum	94-1	1.65	1.35	1.36	1.46	11.70	ppb

LB Number :	LB115543	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 14:09:07	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	1.73	1.59	1.67	1.66	4.35	ppb
Molybdenum	96-1	1.90	1.76	1.58	1.75	9.01	ppb
Molybdenum	97-1	1.76	1.65	1.56	1.66	6.05	ppb
Molybdenum	98-1	1.80	1.60	1.48	1.63	9.87	ppb
Neodymium	150-1						cps
Nickel	60-1	4.55	4.64	4.47	4.55	1.96	ppb
Phosphorus	31-1	14.26	14.71	15.60	14.86	4.59	ppb
Potassium	39-1	247033.83	250396.85	253211.61	250214.10	1.24	ppb
Rhodium	103-1				80		%
Scandium	45-1				83		%
Selenium	77-1	-0.09	0.61	0.40	0.31	116.62	ppb
Selenium	78-1						ppb
Selenium	82-1	0.86	0.10	-0.50	0.15	443.68	ppb
Silicon	28-1	141.64	180.94	191.63	171.41	15.36	ppb
Silver	107-1	0.26	0.27	0.27	0.27	2.26	ppb
Silver	109-1	0.27	0.26	0.25	0.26	4.00	ppb
Sodium	23-1	496223.95	499559.27	504808.98	500197.40	0.87	ppb
Strontium	86-1	0.29	0.28	0.29	0.29	1.67	ppb
Strontium	88-1	2.90	2.86	2.83	2.87	1.21	ppb
Sulfur	34-1	-343.19	-456.13	-453.13	-417.48		ppb
Terbium	159-1				99		%
Thallium	203-1	0.17	0.09	0.06	0.11	55.06	ppb
Thallium	205-1	0.15	0.08	0.05	0.09	52.93	ppb
Thorium	232-1	0.12	0.11	0.09	0.11	13.74	ppb
Tin	118-1	0.51	0.44	0.42	0.45	10.28	ppb
Titanium	47-1	1.01	0.90	1.07	0.99	8.60	ppb
Uranium	238-1	0.10	0.11	0.12	0.11	8.84	ppb
Vanadium	51-1	0.32	0.32	0.28	0.31	7.19	ppb
Yttrium	89-1				92		%
Zinc	66-1	17.57	17.59	17.59	17.58	0.08	ppb
Zirconium	90-1	0.23	0.19	0.20	0.21	11.77	ppb
Zirconium	91-1	0.18	0.25	0.25	0.23	18.24	ppb

LB Number :	LB115543	Operator :	JASWAL
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 14:41:20	DataFile Name :	011ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	461.93	467.00	469.24	466.06	0.80	ppb
Antimony	121-1	198.54	204.68	206.90	203.37	2.13	ppb
Arsenic	75-1	206.32	210.56	213.79	210.22	1.78	ppb
Barium	135-1	102.28	104.13	103.73	103.38	0.94	ppb
Barium	137-1	100.75	104.59	105.05	103.46	2.28	ppb
Beryllium	9-1	100.27	100.97	101.62	100.95	0.67	ppb
Bismuth	209-1				101		%
Boron	10-1	590.71	634.71	664.24	629.88	5.87	ppb
Boron	11-1	597.86	633.02	658.51	629.80	4.84	ppb
Bromine	81-1						cps
Cadmium	111-1	104.10	106.85	106.17	105.71	1.36	ppb
Cadmium	106-1	79.26	81.61	83.08	81.32	2.37	ppb
Cadmium	108-1	110.11	113.29	115.51	112.97	2.40	ppb
Calcium	43-1	3691.49	3706.65	3662.04	3686.73	0.62	ppb
Calcium	44-1	2947.51	2959.49	2963.77	2956.92	0.29	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	99.66	100.99	101.26	100.64	0.85	ppb
Cobalt	59-1	101.20	101.62	102.11	101.64	0.45	ppb
Copper	63-1	104.60	106.32	105.89	105.60	0.85	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				101		%
Indium	115-1				98		%
Iron	56-1	1951.05	2000.85	1970.92	1974.27	1.27	ppb
Iron	57-1	1982.40	1999.25	2009.55	1997.07	0.69	ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	208.36	212.30	209.57	210.08	0.96	ppb
Lead	207-1	198.48	202.23	199.74	200.15	0.95	ppb
Lead	208-1	203.61	206.79	204.67	205.02	0.79	ppb
Lithium	6-1				96		%
Magnesium	24-1	1145.97	1149.43	1144.78	1146.73	0.21	ppb
Manganese	55-1	96.52	97.43	97.36	97.10	0.52	ppb
Molybdenum	94-1	1669.20	1684.52	1707.47	1687.06	1.14	ppb

LB Number : LB115543 Operator : JASWAL
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2021-07-23 14:41:20 DataFile Name : 011ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	2345.49	2331.31	2385.74	2354.18	1.20	ppb
Molybdenum	96-1	2288.83	2291.65	2307.29	2295.92	0.43	ppb
Molybdenum	97-1	2354.85	2390.21	2418.95	2388.01	1.34	ppb
Molybdenum	98-1	2346.67	2343.61	2389.15	2359.81	1.08	ppb
Neodymium	150-1						cps
Nickel	60-1	104.76	106.51	106.12	105.80	0.87	ppb
Phosphorus	31-1	1.55	0.07	0.41	0.67	114.91	ppb
Potassium	39-1	1848.17	1845.79	1859.17	1851.04	0.39	ppb
Rhodium	103-1				97		%
Scandium	45-1				94		%
Selenium	77-1	201.79	215.21	219.05	212.02	4.28	ppb
Selenium	78-1						ppb
Selenium	82-1	205.90	210.02	207.76	207.89	0.99	ppb
Silicon	28-1	22.36	24.11	26.32	24.26	8.17	ppb
Silver	107-1	51.22	52.59	52.85	52.22	1.68	ppb
Silver	109-1	51.07	52.44	52.34	51.95	1.47	ppb
Sodium	23-1	1875.91	1903.94	1898.32	1892.72	0.78	ppb
Strontium	86-1	450.58	452.44	453.14	452.06	0.29	ppb
Strontium	88-1	4478.49	4528.64	4543.61	4516.91	0.76	ppb
Sulfur	34-1	-564.94	-632.90	-752.89	-650.24		ppb
Terbium	159-1				101		%
Thallium	203-1	213.66	214.63	214.08	214.12	0.23	ppb
Thallium	205-1	213.00	214.89	214.49	214.13	0.47	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	5.32	ppb
Tin	118-1	0.12	0.10	0.38	0.20	77.86	ppb
Titanium	47-1	2334.11	2341.42	2356.61	2344.05	0.49	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	27.28	ppb
Vanadium	51-1	96.80	98.67	98.63	98.03	1.09	ppb
Yttrium	89-1				98		%
Zinc	66-1	198.62	199.47	201.95	200.01	0.86	ppb
Zirconium	90-1	0.25	0.22	0.23	0.23	6.47	ppb
Zirconium	91-1	0.30	0.36	0.36	0.34	10.85	ppb

LB Number :	LB115543	Operator :	JASWAL
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 14:50:19	DataFile Name :	012CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	-0.04	-0.04	1.94	0.62	184.30	ppb
Antimony	121-1	0.03	0.02	0.01	0.02	70.44	ppb
Arsenic	75-1	0.12	0.01	0.09	0.07	78.10	ppb
Barium	135-1	0.00	0.00	0.01	0.01	109.08	ppb
Barium	137-1	-0.01	0.00	0.00	0.00		ppb
Beryllium	9-1	0.03	-0.02	-0.04	-0.01		ppb
Bismuth	209-1				99		%
Boron	10-1	7.65	6.27	8.13	7.35	13.14	ppb
Boron	11-1	6.78	7.10	6.35	6.74	5.56	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.32	-0.20	-0.21	-0.24		ppb
Cadmium	106-1	-4.08	-2.59	-2.72	-3.13		ppb
Cadmium	108-1	-0.21	-0.41	-0.27	-0.30		ppb
Calcium	43-1	0.04	-3.03	-1.31	-1.43		ppb
Calcium	44-1	-0.47	0.15	0.27	-0.01		ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	0.01	-0.05	-0.04	-0.02		ppb
Cobalt	59-1	-0.02	-0.02	-0.02	-0.02		ppb
Copper	63-1	0.01	0.01	0.02	0.01	56.93	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				98		%
Indium	115-1				96		%
Iron	56-1	-7.81	-7.38	-8.02	-7.74		ppb
Iron	57-1	-6.52	-3.91	-7.61	-6.01		ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.06	0.08	0.07	11.16	ppb
Lead	207-1	0.06	0.06	0.06	0.06	4.69	ppb
Lead	208-1	0.06	0.05	0.06	0.06	8.18	ppb
Lithium	6-1				96		%
Magnesium	24-1	0.65	0.59	0.61	0.62	4.34	ppb
Manganese	55-1	0.00	-0.02	0.02	0.00	1211.21	ppb
Molybdenum	94-1	0.06	0.05	0.02	0.04	42.57	ppb

LB Number : LB115543 Operator : JASWAL
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2021-07-23 14:50:19 DataFile Name : 012CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	0.07	0.08	0.03	0.06	44.10	ppb
Molybdenum	96-1	0.06	0.04	0.02	0.04	51.24	ppb
Molybdenum	97-1	0.07	0.08	0.06	0.07	14.00	ppb
Molybdenum	98-1	0.06	0.04	0.07	0.06	27.78	ppb
Neodymium	150-1						cps
Nickel	60-1	-0.03	-0.03	0.02	-0.01		ppb
Phosphorus	31-1	5.33	7.37	3.42	5.37	36.79	ppb
Potassium	39-1	0.21	1.32	-0.88	0.22	507.11	ppb
Rhodium	103-1				95		%
Scandium	45-1				93		%
Selenium	77-1	0.47	0.18	0.47	0.37	44.93	ppb
Selenium	78-1						ppb
Selenium	82-1	-0.19	-0.57	0.23	-0.18		ppb
Silicon	28-1	-0.89	-1.52	-0.89	-1.10		ppb
Silver	107-1	0.00	0.01	0.00	0.00	145.93	ppb
Silver	109-1	0.01	0.00	0.00	0.00	82.75	ppb
Sodium	23-1	9.12	9.80	9.30	9.41	3.75	ppb
Strontium	86-1	0.01	0.00	0.00	0.01	156.83	ppb
Strontium	88-1	0.07	0.05	0.05	0.05	17.48	ppb
Sulfur	34-1	-68.74	79.49	-49.35	-12.87		ppb
Terbium	159-1				97		%
Thallium	203-1	-0.14	-0.14	-0.13	-0.14		ppb
Thallium	205-1	-0.15	-0.15	-0.14	-0.15		ppb
Thorium	232-1	-0.01	0.00	-0.01	-0.01		ppb
Tin	118-1	-0.02	-0.02	-0.01	-0.02		ppb
Titanium	47-1	0.07	0.11	0.03	0.07	62.02	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-1	-0.01	-0.01	-0.01	-0.01		ppb
Yttrium	89-1				95		%
Zinc	66-1	-0.07	-0.05	-0.07	-0.06		ppb
Zirconium	90-1	-0.01	0.01	0.01	0.00	1502.28	ppb
Zirconium	91-1	0.00	0.02	0.01	0.01	56.18	ppb

LB Number :	LB115543	Operator :	JASWAL
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 14:52:52	DataFile Name :	013ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	94582.57	95545.15	96491.55	95539.76	1.00	ppb
Antimony	121-1	1.12	1.14	1.19	1.15	3.29	ppb
Arsenic	75-1	1.19	1.35	1.60	1.38	15.02	ppb
Barium	135-1	1.57	1.44	1.48	1.50	4.55	ppb
Barium	137-1	1.46	1.35	1.51	1.44	5.74	ppb
Beryllium	9-1	0.28	0.26	0.26	0.27	3.12	ppb
Bismuth	209-1				94		%
Boron	10-1	6.74	6.25	7.02	6.67	5.78	ppb
Boron	11-1	6.08	6.15	5.92	6.05	1.91	ppb
Bromine	81-1						cps
Cadmium	111-1	1.18	1.32	1.64	1.38	16.96	ppb
Cadmium	106-1	-0.55	-2.49	-2.56	-1.87		ppb
Cadmium	108-1	18.78	18.59	15.59	17.66	10.13	ppb
Calcium	43-1	100098.35	102681.45	102749.52	101843.11	1.48	ppb
Calcium	44-1	94645.80	97794.21	98652.36	97030.79	2.17	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	20.03	20.58	20.47	20.36	1.44	ppb
Cobalt	59-1	1.25	1.16	1.28	1.23	5.16	ppb
Copper	63-1	8.57	8.69	8.99	8.75	2.51	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				98		%
Indium	115-1				90		%
Iron	56-1	102039.56	103268.83	104019.67	103109.35	0.97	ppb
Iron	57-1	100912.38	102379.05	103986.08	102425.84	1.50	ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	5.22	5.19	5.32	5.24	1.34	ppb
Lead	207-1	4.60	4.78	4.71	4.70	1.93	ppb
Lead	208-1	4.82	4.88	4.90	4.87	0.84	ppb
Lithium	6-1				87		%
Magnesium	24-1	93170.78	94615.14	95213.38	94333.10	1.11	ppb
Manganese	55-1	7.59	7.75	7.59	7.64	1.20	ppb
Molybdenum	94-1	1361.58	1395.78	1374.43	1377.26	1.25	ppb

LB Number :	LB115543	Operator :	JASWAL
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 14:52:52	DataFile Name :	013ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	1920.17	1984.97	1955.30	1953.48	1.66	ppb
Molybdenum	96-1	1874.35	1921.15	1900.47	1898.66	1.24	ppb
Molybdenum	97-1	1939.71	1979.59	1959.54	1959.61	1.02	ppb
Molybdenum	98-1	1918.82	1999.33	1970.52	1962.89	2.08	ppb
Neodymium	150-1						cps
Nickel	60-1	6.06	6.09	6.05	6.07	0.39	ppb
Phosphorus	31-1	97363.25	98560.89	99378.97	98434.37	1.03	ppb
Potassium	39-1	96743.40	99054.42	99793.62	98530.48	1.61	ppb
Rhodium	103-1				84		%
Scandium	45-1				84		%
Selenium	77-1	2.23	2.78	3.01	2.68	14.92	ppb
Selenium	78-1						ppb
Selenium	82-1	0.73	1.16	0.32	0.73	56.95	ppb
Silicon	28-1	14.00	14.78	15.01	14.60	3.63	ppb
Silver	107-1	0.05	0.05	0.04	0.05	11.00	ppb
Silver	109-1	0.03	0.06	0.06	0.05	32.41	ppb
Sodium	23-1	98699.17	101686.88	102060.59	100815.54	1.83	ppb
Strontium	86-1	3.54	3.63	3.54	3.57	1.44	ppb
Strontium	88-1	34.94	35.97	35.38	35.43	1.45	ppb
Sulfur	34-1	100304.10	100769.16	100816.52	100629.93	0.28	ppb
Terbium	159-1				97		%
Thallium	203-1	0.27	0.11	0.03	0.14	85.83	ppb
Thallium	205-1	0.24	0.11	0.05	0.13	75.92	ppb
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.44	0.44	0.39	0.42	6.62	ppb
Titanium	47-1	2033.73	2066.00	2066.89	2055.54	0.92	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	14.28	ppb
Vanadium	51-1	0.30	0.28	0.33	0.30	8.51	ppb
Yttrium	89-1				90		%
Zinc	66-1	12.71	13.16	13.23	13.03	2.16	ppb
Zirconium	90-1	0.02	0.01	0.02	0.01	44.75	ppb
Zirconium	91-1	0.05	0.02	0.00	0.02	107.24	ppb

LB Number :	LB115543	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 14:55:25	DataFile Name :	014ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	94355.39	94361.83	93121.61	93946.28	0.76	ppb
Antimony	121-1	21.10	20.74	20.75	20.86	0.97	ppb
Arsenic	75-1	22.14	21.77	21.47	21.80	1.54	ppb
Barium	135-1	21.29	21.30	21.32	21.30	0.05	ppb
Barium	137-1	21.37	21.56	21.43	21.45	0.45	ppb
Beryllium	9-1	19.90	20.18	20.28	20.12	0.96	ppb
Bismuth	209-1				98		%
Boron	10-1	56.55	63.14	62.48	60.72	5.98	ppb
Boron	11-1	61.64	62.83	64.22	62.90	2.05	ppb
Bromine	81-1						cps
Cadmium	111-1	21.88	22.21	21.45	21.85	1.75	ppb
Cadmium	106-1	25.02	24.69	23.12	24.28	4.18	ppb
Cadmium	108-1	39.27	38.67	37.65	38.53	2.12	ppb
Calcium	43-1	100834.59	100597.45	99655.94	100362.66	0.62	ppb
Calcium	44-1	96929.39	97273.15	95968.13	96723.56	0.70	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	39.54	39.72	39.49	39.58	0.31	ppb
Cobalt	59-1	21.24	20.70	20.84	20.93	1.33	ppb
Copper	63-1	29.29	28.97	28.78	29.01	0.90	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				102		%
Indium	115-1				95		%
Iron	56-1	102886.00	101766.18	102172.11	102274.76	0.55	ppb
Iron	57-1	102629.05	101838.31	101849.73	102105.70	0.44	ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	24.99	24.70	24.43	24.71	1.14	ppb
Lead	207-1	23.69	23.37	23.30	23.45	0.88	ppb
Lead	208-1	24.03	23.81	23.63	23.83	0.84	ppb
Lithium	6-1				89		%
Magnesium	24-1	92388.26	92872.75	92002.85	92421.29	0.47	ppb
Manganese	55-1	26.83	27.00	26.88	26.90	0.32	ppb
Molybdenum	94-1	1416.47	1408.13	1388.64	1404.41	1.02	ppb

LB Number :	LB115543	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 14:55:25	DataFile Name :	014ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	1912.49	1893.55	1880.86	1895.63	0.84	ppb
Molybdenum	96-1	1866.05	1869.59	1840.51	1858.72	0.85	ppb
Molybdenum	97-1	1902.65	1883.74	1867.33	1884.57	0.94	ppb
Molybdenum	98-1	1892.48	1915.56	1912.98	1907.01	0.66	ppb
Neodymium	150-1						cps
Nickel	60-1	26.69	25.72	25.98	26.13	1.92	ppb
Phosphorus	31-1	97347.53	97407.74	97226.30	97327.19	0.09	ppb
Potassium	39-1	98230.57	97080.19	97415.17	97575.31	0.61	ppb
Rhodium	103-1				91		%
Scandium	45-1				88		%
Selenium	77-1	23.87	24.95	24.64	24.49	2.28	ppb
Selenium	78-1						ppb
Selenium	82-1	21.32	19.39	20.35	20.35	4.75	ppb
Silicon	28-1	17.71	17.93	18.16	17.93	1.27	ppb
Silver	107-1	19.38	18.88	19.00	19.09	1.38	ppb
Silver	109-1	19.33	19.02	18.99	19.11	0.99	ppb
Sodium	23-1	98857.46	99881.12	98158.25	98965.61	0.88	ppb
Strontium	86-1	9.12	9.12	9.17	9.14	0.37	ppb
Strontium	88-1	91.13	91.16	90.62	90.97	0.33	ppb
Sulfur	34-1	98746.03	97095.87	96735.80	97525.90	1.10	ppb
Terbium	159-1				101		%
Thallium	203-1	20.61	20.30	20.29	20.40	0.88	ppb
Thallium	205-1	20.34	20.26	20.16	20.26	0.45	ppb
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	54.76	54.94	54.34	54.68	0.56	ppb
Titanium	47-1	2043.03	2013.19	1998.15	2018.12	1.13	ppb
Uranium	238-1	55.19	54.87	54.00	54.69	1.13	ppb
Vanadium	51-1	20.41	20.18	19.72	20.10	1.73	ppb
Yttrium	89-1				95		%
Zinc	66-1	32.47	32.06	32.38	32.30	0.66	ppb
Zirconium	90-1	56.33	56.24	56.14	56.24	0.16	ppb
Zirconium	91-1	56.11	55.83	55.53	55.82	0.52	ppb

LB Number :	LB115543	Operator :	JASWAL
Lab Sample ID :	CCV38	Instrumnet Name :	P7
Client Sample ID :	CCV38	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 14:57:58	DataFile Name :	015CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	49643.93	50578.94	50025.55	50082.81	0.94	ppb
Antimony	121-1	479.40	482.97	477.07	479.81	0.62	ppb
Arsenic	75-1	484.56	481.74	475.57	480.62	0.96	ppb
Barium	135-1	2422.27	2441.94	2424.06	2429.42	0.45	ppb
Barium	137-1	2493.39	2497.15	2460.39	2483.64	0.81	ppb
Beryllium	9-1	502.26	505.15	509.37	505.59	0.71	ppb
Bismuth	209-1				95		%
Boron	10-1	487.75	525.26	517.93	510.31	3.90	ppb
Boron	11-1	487.06	511.88	520.99	506.64	3.47	ppb
Bromine	81-1						cps
Cadmium	111-1	478.28	477.71	468.65	474.88	1.14	ppb
Cadmium	106-1	477.07	478.99	470.31	475.46	0.96	ppb
Cadmium	108-1	469.91	477.36	478.79	475.35	1.00	ppb
Calcium	43-1	255777.49	258684.81	256180.57	256880.96	0.61	ppb
Calcium	44-1	248983.21	251698.72	252881.20	251187.71	0.80	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	489.65	513.74	514.91	506.10	2.82	ppb
Cobalt	59-1	497.68	504.84	503.05	501.86	0.74	ppb
Copper	63-1	4893.09	4964.14	4994.63	4950.62	1.05	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				101		%
Indium	115-1				93		%
Iron	56-1	127558.28	127625.29	128663.70	127949.09	0.48	ppb
Iron	57-1	125868.63	128394.26	127413.73	127225.54	1.00	ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	2527.16	2517.40	2549.85	2531.47	0.66	ppb
Lead	207-1	2553.32	2519.11	2545.71	2539.38	0.71	ppb
Lead	208-1	2522.76	2533.10	2544.24	2533.37	0.42	ppb
Lithium	6-1				87		%
Magnesium	24-1	244441.04	249418.34	248790.20	247549.86	1.09	ppb
Manganese	55-1	5047.51	5068.44	5104.95	5073.63	0.57	ppb
Molybdenum	94-1	2495.44	2521.14	2458.72	2491.77	1.26	ppb

LB Number :	LB115543	Operator :	JASWAL
Lab Sample ID :	CCV38	Instrumnet Name :	P7
Client Sample ID :	CCV38	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 14:57:58	DataFile Name :	015CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	2479.20	2500.84	2468.07	2482.70	0.67	ppb
Molybdenum	96-1	2512.16	2534.22	2511.98	2519.45	0.51	ppb
Molybdenum	97-1	2445.70	2446.82	2418.66	2437.06	0.65	ppb
Molybdenum	98-1	2493.74	2476.33	2517.65	2495.91	0.83	ppb
Neodymium	150-1						cps
Nickel	60-1	486.54	490.12	487.34	488.00	0.39	ppb
Phosphorus	31-1	10035.65	10076.97	10106.77	10073.13	0.35	ppb
Potassium	39-1	125167.88	128569.79	127397.92	127045.20	1.36	ppb
Rhodium	103-1				88		%
Scandium	45-1				88		%
Selenium	77-1	488.25	477.49	475.29	480.34	1.44	ppb
Selenium	78-1						ppb
Selenium	82-1	473.49	471.88	468.99	471.45	0.48	ppb
Silicon	28-1	483.83	525.68	544.42	517.98	5.99	ppb
Silver	107-1	474.95	475.72	469.02	473.23	0.77	ppb
Silver	109-1	474.37	471.26	464.97	470.20	1.02	ppb
Sodium	23-1	246719.44	252525.63	251528.81	250257.96	1.24	ppb
Strontium	86-1	491.23	498.25	497.49	495.66	0.78	ppb
Strontium	88-1	4951.38	4999.87	4946.38	4965.88	0.59	ppb
Sulfur	34-1	9458.03	9619.32	9579.27	9552.21	0.88	ppb
Terbium	159-1				101		%
Thallium	203-1	498.90	499.36	495.68	497.98	0.40	ppb
Thallium	205-1	509.19	506.97	508.83	508.33	0.23	ppb
Thorium	232-1	512.13	512.05	519.61	514.60	0.84	ppb
Tin	118-1	483.98	486.25	483.29	484.51	0.32	ppb
Titanium	47-1	2481.15	2493.42	2494.32	2489.63	0.30	ppb
Uranium	238-1	515.80	516.08	522.23	518.04	0.70	ppb
Vanadium	51-1	507.11	513.53	519.19	513.28	1.18	ppb
Yttrium	89-1				96		%
Zinc	66-1	4890.85	4905.96	5001.04	4932.62	1.21	ppb
Zirconium	90-1	506.31	509.85	505.90	507.35	0.43	ppb
Zirconium	91-1	486.18	491.25	486.08	487.84	0.61	ppb

LB Number :	LB115543	Operator :	JASWAL
Lab Sample ID :	CCB38	Instrumnet Name :	P7
Client Sample ID :	CCB38	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 15:08:09	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	0.57	0.51	0.52	0.53	5.31	ppb
Antimony	121-1	0.05	0.04	0.04	0.04	9.88	ppb
Arsenic	75-1	0.13	0.15	0.28	0.19	44.10	ppb
Barium	135-1	0.04	0.02	0.01	0.02	46.43	ppb
Barium	137-1	0.02	0.02	0.01	0.02	54.11	ppb
Beryllium	9-1	0.01	0.02	0.00	0.01	102.87	ppb
Bismuth	209-1				100		%
Boron	10-1	4.76	5.65	4.42	4.94	12.84	ppb
Boron	11-1	6.37	5.52	5.08	5.66	11.63	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.11	0.01	-0.19	-0.10		ppb
Cadmium	106-1	-1.50	0.23	-2.72	-1.33		ppb
Cadmium	108-1	-0.22	-0.13	-0.22	-0.19		ppb
Calcium	43-1	1.29	4.84	6.64	4.25	64.03	ppb
Calcium	44-1	3.47	7.69	5.24	5.47	38.78	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	0.07	0.09	0.10	0.09	15.37	ppb
Cobalt	59-1	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-1	0.16	0.15	0.14	0.15	5.15	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				100		%
Indium	115-1				98		%
Iron	56-1	2.25	-7.82	4.67	-0.30		ppb
Iron	57-1	-8.06	-3.31	-7.52	-6.30		ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	0.13	0.09	0.14	0.12	20.69	ppb
Lead	207-1	0.09	0.10	0.10	0.09	9.27	ppb
Lead	208-1	0.11	0.09	0.12	0.11	15.13	ppb
Lithium	6-1				92		%
Magnesium	24-1	2.04	2.23	2.19	2.15	4.66	ppb
Manganese	55-1	0.05	0.06	0.09	0.07	29.03	ppb
Molybdenum	94-1	0.10	0.14	0.11	0.12	17.02	ppb

LB Number :	LB115543	Operator :	JASWAL
Lab Sample ID :	CCB38	Instrumnet Name :	P7
Client Sample ID :	CCB38	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 15:08:09	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	0.06	0.10	0.08	0.08	21.59	ppb
Molybdenum	96-1	0.04	0.04	0.05	0.04	13.84	ppb
Molybdenum	97-1	0.11	0.10	0.07	0.09	20.17	ppb
Molybdenum	98-1	0.08	0.05	0.07	0.07	18.02	ppb
Neodymium	150-1						cps
Nickel	60-1	0.05	0.05	0.03	0.04	35.25	ppb
Phosphorus	31-1	8.60	15.51	8.15	10.76	38.36	ppb
Potassium	39-1	12.46	30.60	4.18	15.75	85.81	ppb
Rhodium	103-1				97		%
Scandium	45-1				93		%
Selenium	77-1	0.26	0.80	0.45	0.50	53.57	ppb
Selenium	78-1						ppb
Selenium	82-1	0.05	0.05	-0.45	-0.12		ppb
Silicon	28-1	-0.44	4.63	-1.00	1.07	290.67	ppb
Silver	107-1	0.01	0.01	0.02	0.01	38.32	ppb
Silver	109-1	0.01	0.01	0.02	0.01	12.61	ppb
Sodium	23-1	22.63	24.00	22.20	22.94	4.10	ppb
Strontium	86-1	0.00	-0.01	0.00	0.00		ppb
Strontium	88-1	0.03	0.03	0.04	0.03	19.75	ppb
Sulfur	34-1	29.72	759.94	-240.55	183.04	282.77	ppb
Terbium	159-1				99		%
Thallium	203-1	0.03	0.03	0.03	0.03	10.00	ppb
Thallium	205-1	0.05	0.02	0.06	0.04	46.29	ppb
Thorium	232-1	0.00	0.00	0.01	0.01	62.29	ppb
Tin	118-1	0.19	0.15	0.15	0.16	13.24	ppb
Titanium	47-1	0.07	0.12	0.11	0.10	23.61	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	224.85	ppb
Vanadium	51-1	0.01	0.00	0.00	0.00	156.58	ppb
Yttrium	89-1				98		%
Zinc	66-1	0.36	0.32	0.36	0.34	6.99	ppb
Zirconium	90-1	0.03	0.05	0.05	0.04	25.23	ppb
Zirconium	91-1	0.05	0.06	0.05	0.05	9.93	ppb

LB Number :	LB115543	Operator :	JASWAL
Lab Sample ID :	CRIRE	Instrumnet Name :	P7
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 15:10:42	DataFile Name :	017LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	21.16	20.47	20.71	20.78	1.69	ppb
Antimony	121-1	2.04	2.05	1.91	2.00	3.97	ppb
Arsenic	75-1	1.15	0.99	1.05	1.06	7.30	ppb
Barium	135-1	10.42	10.09	10.03	10.18	2.04	ppb
Barium	137-1	10.28	10.01	10.08	10.12	1.39	ppb
Beryllium	9-1	1.04	1.04	1.08	1.05	2.26	ppb
Bismuth	209-1				100		%
Boron	10-1	25.96	25.77	27.49	26.41	3.56	ppb
Boron	11-1	26.35	26.78	27.69	26.94	2.54	ppb
Bromine	81-1						cps
Cadmium	111-1	1.05	0.96	0.76	0.92	15.96	ppb
Cadmium	106-1	-0.51	-1.20	-2.22	-1.31		ppb
Cadmium	108-1	0.97	0.69	1.27	0.98	29.81	ppb
Calcium	43-1	531.92	504.77	512.99	516.56	2.70	ppb
Calcium	44-1	518.26	507.71	516.72	514.23	1.11	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	2.12	2.02	2.08	2.08	2.41	ppb
Cobalt	59-1	1.01	0.92	1.02	0.98	5.65	ppb
Copper	63-1	2.19	2.14	2.18	2.17	1.25	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				99		%
Indium	115-1				98		%
Iron	56-1	58.93	51.68	54.64	55.08	6.62	ppb
Iron	57-1	44.63	46.81	43.04	44.82	4.22	ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	1.07	1.08	1.04	1.06	1.69	ppb
Lead	207-1	1.03	1.01	1.02	1.02	0.95	ppb
Lead	208-1	1.06	1.03	1.06	1.05	1.89	ppb
Lithium	6-1				93		%
Magnesium	24-1	465.43	453.26	456.76	458.48	1.37	ppb
Manganese	55-1	1.05	1.08	1.08	1.07	1.61	ppb
Molybdenum	94-1	4.90	5.03	4.63	4.85	4.16	ppb

LB Number :	LB115543	Operator :	JASWAL
Lab Sample ID :	CRIRE	Instrumnet Name :	P7
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 15:10:42	DataFile Name :	017LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	5.17	5.05	4.98	5.07	1.92	ppb
Molybdenum	96-1	5.18	4.91	4.82	4.97	3.69	ppb
Molybdenum	97-1	5.35	4.97	4.94	5.09	4.46	ppb
Molybdenum	98-1	4.96	5.15	4.93	5.01	2.40	ppb
Neodymium	150-1						cps
Nickel	60-1	1.12	1.13	1.03	1.09	5.11	ppb
Phosphorus	31-1	4.26	2.87	3.88	3.67	19.71	ppb
Potassium	39-1	488.83	478.09	479.60	482.18	1.21	ppb
Rhodium	103-1				96		%
Scandium	45-1				93		%
Selenium	77-1	6.13	5.07	5.51	5.57	9.56	ppb
Selenium	78-1						ppb
Selenium	82-1	5.09	4.96	5.50	5.18	5.52	ppb
Silicon	28-1	6.60	6.24	6.20	6.35	3.49	ppb
Silver	107-1	1.04	1.06	1.02	1.04	1.69	ppb
Silver	109-1	1.07	1.00	0.98	1.02	4.14	ppb
Sodium	23-1	511.17	505.53	503.04	506.58	0.82	ppb
Strontium	86-1	0.09	0.12	0.09	0.10	17.74	ppb
Strontium	88-1	1.03	1.01	0.99	1.01	1.87	ppb
Sulfur	34-1	-114.84	70.76	-169.81	-71.29		ppb
Terbium	159-1				100		%
Thallium	203-1	1.08	0.95	1.04	1.02	6.85	ppb
Thallium	205-1	1.02	0.96	0.99	0.99	3.19	ppb
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	5.23	4.96	4.95	5.05	3.09	ppb
Titanium	47-1	4.92	4.86	5.37	5.05	5.58	ppb
Uranium	238-1	0.92	0.88	0.86	0.89	2.97	ppb
Vanadium	51-1	5.02	4.98	5.02	5.01	0.51	ppb
Yttrium	89-1				97		%
Zinc	66-1	3.04	2.99	3.09	3.04	1.62	ppb
Zirconium	90-1	0.95	1.00	0.97	0.97	2.52	ppb
Zirconium	91-1	0.98	1.00	1.04	1.01	2.58	ppb

LB Number :	LB115543	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 15:15:37	DataFile Name :	018LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	24.40	24.20	24.75	24.45	1.13	ppb
Antimony	121-1	1.97	1.94	2.00	1.97	1.61	ppb
Arsenic	75-1	0.87	0.86	1.17	0.97	17.99	ppb
Barium	135-1	10.06	10.07	10.29	10.14	1.28	ppb
Barium	137-1	10.03	9.80	9.96	9.93	1.19	ppb
Beryllium	9-1	0.96	0.98	0.99	0.98	1.56	ppb
Bismuth	209-1				101		%
Boron	10-1	26.47	25.06	26.67	26.07	3.38	ppb
Boron	11-1	23.68	24.29	27.03	25.00	7.13	ppb
Bromine	81-1						cps
Cadmium	111-1	0.94	1.09	0.95	0.99	8.04	ppb
Cadmium	106-1	-0.50	0.51	-0.17	-0.05		ppb
Cadmium	108-1	0.54	0.70	1.04	0.76	33.47	ppb
Calcium	43-1	497.46	497.77	495.00	496.74	0.31	ppb
Calcium	44-1	495.99	501.66	509.25	502.30	1.32	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	1.96	1.98	2.00	1.98	1.11	ppb
Cobalt	59-1	0.96	0.94	1.02	0.97	3.84	ppb
Copper	63-1	2.02	2.09	2.10	2.07	2.19	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				101		%
Indium	115-1				99		%
Iron	56-1	45.49	45.59	47.95	46.35	3.00	ppb
Iron	57-1	38.55	41.02	42.97	40.85	5.42	ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	0.99	0.98	1.00	0.99	1.21	ppb
Lead	207-1	0.98	1.01	1.04	1.01	3.18	ppb
Lead	208-1	0.96	0.98	1.01	0.98	2.48	ppb
Lithium	6-1				95		%
Magnesium	24-1	441.13	446.72	451.23	446.36	1.13	ppb
Manganese	55-1	1.02	1.04	0.98	1.01	2.95	ppb
Molybdenum	94-1	4.88	4.79	5.02	4.90	2.39	ppb

LB Number :	LB115543	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 15:15:37	DataFile Name :	018LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	4.61	4.75	4.85	4.73	2.56	ppb
Molybdenum	96-1	4.96	4.78	4.82	4.85	1.98	ppb
Molybdenum	97-1	4.62	4.87	5.27	4.92	6.68	ppb
Molybdenum	98-1	4.87	4.79	5.04	4.90	2.63	ppb
Neodymium	150-1						cps
Nickel	60-1	1.15	1.12	1.13	1.13	1.21	ppb
Phosphorus	31-1	0.96	1.57	4.79	2.44	84.23	ppb
Potassium	39-1	458.44	456.51	465.16	460.04	0.99	ppb
Rhodium	103-1				99		%
Scandium	45-1				95		%
Selenium	77-1	5.38	3.82	5.62	4.94	19.73	ppb
Selenium	78-1						ppb
Selenium	82-1	6.05	5.53	4.53	5.37	14.37	ppb
Silicon	28-1	7.23	7.02	8.48	7.58	10.45	ppb
Silver	107-1	0.98	0.99	1.05	1.01	3.74	ppb
Silver	109-1	1.05	1.05	1.06	1.05	0.85	ppb
Sodium	23-1	488.08	486.08	501.19	491.79	1.67	ppb
Strontium	86-1	0.09	0.10	0.08	0.09	8.90	ppb
Strontium	88-1	0.97	0.99	1.05	1.00	3.82	ppb
Sulfur	34-1	-268.29	-165.64	-104.08	-179.34		ppb
Terbium	159-1				101		%
Thallium	203-1	0.92	0.95	1.00	0.96	4.24	ppb
Thallium	205-1	0.91	0.91	0.94	0.92	1.83	ppb
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	4.98	5.08	5.03	5.03	0.99	ppb
Titanium	47-1	4.83	4.88	4.88	4.86	0.55	ppb
Uranium	238-1	0.86	0.87	0.90	0.88	2.68	ppb
Vanadium	51-1	4.81	4.95	5.05	4.93	2.37	ppb
Yttrium	89-1				98		%
Zinc	66-1	2.15	2.18	2.28	2.21	3.20	ppb
Zirconium	90-1	0.95	0.95	0.97	0.96	0.85	ppb
Zirconium	91-1	0.98	0.95	0.93	0.95	2.69	ppb

LB Number :	LB115543	Operator :	JASWAL
Lab Sample ID :	M3035-04	Instrumnet Name :	P7
Client Sample ID :	PT-TM-WS	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 15:18:11	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	816.30	809.75	826.94	817.66	1.06	ppb
Antimony	121-1	29.17	29.24	28.92	29.11	0.56	ppb
Arsenic	75-1	44.33	44.25	44.61	44.40	0.42	ppb
Barium	135-1	1022.30	1018.83	1017.41	1019.51	0.25	ppb
Barium	137-1	1022.23	1021.23	1014.33	1019.26	0.42	ppb
Beryllium	9-1	8.98	8.83	8.94	8.92	0.83	ppb
Bismuth	209-1				101		%
Boron	10-1	1055.44	1132.46	1173.19	1120.36	5.34	ppb
Boron	11-1	1063.49	1133.83	1169.97	1122.43	4.82	ppb
Bromine	81-1						cps
Cadmium	111-1	12.10	12.26	12.49	12.28	1.61	ppb
Cadmium	106-1	6.61	6.82	7.85	7.09	9.36	ppb
Cadmium	108-1	10.16	11.56	10.32	10.68	7.17	ppb
Calcium	43-1	2.23	1.43	2.80	2.15	31.99	ppb
Calcium	44-1	3.98	3.42	5.50	4.30	25.04	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	173.28	173.07	173.56	173.30	0.14	ppb
Cobalt	59-1	0.02	0.03	0.02	0.02	28.34	ppb
Copper	63-1	1010.03	1010.06	1012.21	1010.76	0.12	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				101		%
Indium	115-1				99		%
Iron	56-1	926.49	919.51	928.64	924.88	0.52	ppb
Iron	57-1	899.20	910.08	913.71	907.66	0.83	ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	68.96	67.27	68.54	68.26	1.28	ppb
Lead	207-1	67.31	66.65	68.07	67.34	1.05	ppb
Lead	208-1	67.96	66.68	68.22	67.62	1.22	ppb
Lithium	6-1				96		%
Magnesium	24-1	0.59	0.61	0.52	0.57	8.48	ppb
Manganese	55-1	784.61	782.61	788.87	785.36	0.41	ppb
Molybdenum	94-1	18.47	18.87	19.30	18.88	2.20	ppb

LB Number :	LB115543	Operator :	JASWAL
Lab Sample ID :	M3035-04	Instrumnet Name :	P7
Client Sample ID :	PT-TM-WS	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 15:18:11	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	27.04	26.78	26.24	26.69	1.53	ppb
Molybdenum	96-1	25.53	25.96	26.04	25.84	1.07	ppb
Molybdenum	97-1	26.51	26.80	26.06	26.46	1.40	ppb
Molybdenum	98-1	27.40	26.90	26.91	27.07	1.07	ppb
Neodymium	150-1						cps
Nickel	60-1	270.38	272.54	272.51	271.81	0.46	ppb
Phosphorus	31-1	2.11	2.40	2.66	2.39	11.56	ppb
Potassium	39-1	2.97	-0.91	3.87	1.97	128.76	ppb
Rhodium	103-1				98		%
Scandium	45-1				95		%
Selenium	77-1	20.16	19.93	20.55	20.21	1.53	ppb
Selenium	78-1						ppb
Selenium	82-1	20.87	18.60	18.93	19.47	6.29	ppb
Silicon	28-1	55.93	55.09	55.92	55.65	0.87	ppb
Silver	107-1	173.55	175.92	175.28	174.92	0.70	ppb
Silver	109-1	175.20	174.46	174.48	174.71	0.24	ppb
Sodium	23-1	34.49	34.34	34.45	34.43	0.23	ppb
Strontium	86-1	0.00	-0.01	0.00	0.00		ppb
Strontium	88-1	0.03	0.02	0.01	0.02	37.02	ppb
Sulfur	34-1	-418.36	-587.54	-692.03	-565.98		ppb
Terbium	159-1				101		%
Thallium	203-1	5.47	5.31	5.48	5.42	1.79	ppb
Thallium	205-1	5.45	5.32	5.26	5.35	1.78	ppb
Thorium	232-1	0.00	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.02	-0.01	-0.01	0.00		ppb
Titanium	47-1	0.14	0.10	0.12	0.12	15.34	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-1	405.65	409.64	405.34	406.87	0.59	ppb
Yttrium	89-1				98		%
Zinc	66-1	1457.55	1469.74	1478.48	1468.59	0.72	ppb
Zirconium	90-1	0.07	0.04	0.03	0.05	36.51	ppb
Zirconium	91-1	0.08	0.06	0.12	0.09	34.61	ppb

LB Number :	LB115543	Operator :	JASWAL
Lab Sample ID :	M3035-04RE	Instrumnet Name :	P7
Client Sample ID :	PT-TM-WSRE	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 15:20:44	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	832.79	828.95	835.10	832.28	0.37	ppb
Antimony	121-1	28.66	29.61	29.45	29.24	1.74	ppb
Arsenic	75-1	44.08	45.96	46.21	45.42	2.56	ppb
Barium	135-1	1008.55	1034.27	1017.78	1020.20	1.28	ppb
Barium	137-1	1016.55	1033.95	1024.40	1024.97	0.85	ppb
Beryllium	9-1	9.44	9.19	9.04	9.22	2.15	ppb
Bismuth	209-1				101		%
Boron	10-1	1111.59	1172.79	1210.32	1164.90	4.28	ppb
Boron	11-1	1130.15	1185.36	1208.31	1174.61	3.42	ppb
Bromine	81-1						cps
Cadmium	111-1	12.05	12.48	11.93	12.15	2.38	ppb
Cadmium	106-1	6.15	8.37	5.94	6.82	19.70	ppb
Cadmium	108-1	11.04	11.07	11.80	11.30	3.81	ppb
Calcium	43-1	0.32	-0.25	-0.47	-0.13		ppb
Calcium	44-1	4.83	5.54	4.04	4.80	15.59	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	174.89	174.85	175.63	175.12	0.25	ppb
Cobalt	59-1	0.03	0.04	0.05	0.04	14.60	ppb
Copper	63-1	1020.01	1017.44	1003.16	1013.53	0.90	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				100		%
Indium	115-1				97		%
Iron	56-1	938.26	929.93	940.85	936.35	0.61	ppb
Iron	57-1	927.60	918.63	927.70	924.64	0.56	ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	67.96	68.67	69.05	68.56	0.80	ppb
Lead	207-1	66.52	67.95	69.28	67.92	2.03	ppb
Lead	208-1	67.33	68.40	68.94	68.22	1.20	ppb
Lithium	6-1				95		%
Magnesium	24-1	0.45	0.37	0.40	0.41	10.45	ppb
Manganese	55-1	800.83	785.62	792.33	792.93	0.96	ppb
Molybdenum	94-1	18.78	18.72	18.87	18.79	0.40	ppb

LB Number :	LB115543	Operator :	JASWAL
Lab Sample ID :	M3035-04RE	Instrumnet Name :	P7
Client Sample ID :	PT-TM-WSRE	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 15:20:44	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	26.52	26.79	27.36	26.89	1.60	ppb
Molybdenum	96-1	25.66	25.84	26.30	25.93	1.29	ppb
Molybdenum	97-1	26.56	27.03	27.34	26.98	1.45	ppb
Molybdenum	98-1	26.89	26.80	27.02	26.91	0.41	ppb
Neodymium	150-1						cps
Nickel	60-1	273.05	275.87	273.32	274.08	0.57	ppb
Phosphorus	31-1	3.94	4.76	4.04	4.25	10.58	ppb
Potassium	39-1	4.19	9.52	0.91	4.87	89.19	ppb
Rhodium	103-1				97		%
Scandium	45-1				94		%
Selenium	77-1	18.30	22.45	21.33	20.69	10.38	ppb
Selenium	78-1						ppb
Selenium	82-1	19.87	20.32	20.36	20.18	1.33	ppb
Silicon	28-1	56.30	57.43	56.25	56.66	1.18	ppb
Silver	107-1	174.50	177.21	175.96	175.89	0.77	ppb
Silver	109-1	174.57	176.93	174.11	175.20	0.87	ppb
Sodium	23-1	34.35	34.61	34.88	34.61	0.76	ppb
Strontium	86-1	0.00	-0.01	0.00	-0.01		ppb
Strontium	88-1	0.02	0.02	0.02	0.02	16.60	ppb
Sulfur	34-1	-889.07	-886.36	-1174.08	-983.17		ppb
Terbium	159-1				100		%
Thallium	203-1	5.36	5.35	5.48	5.40	1.35	ppb
Thallium	205-1	5.40	5.34	5.46	5.40	1.14	ppb
Thorium	232-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	-0.02	-0.01	0.00	-0.01		ppb
Titanium	47-1	0.05	0.05	0.08	0.06	33.05	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-1	406.79	410.46	410.69	409.31	0.54	ppb
Yttrium	89-1				98		%
Zinc	66-1	1481.94	1477.36	1477.26	1478.85	0.18	ppb
Zirconium	90-1	0.07	0.06	0.05	0.06	10.39	ppb
Zirconium	91-1	0.07	0.07	0.09	0.08	17.09	ppb

LB Number :	LB115543	Operator :	JASWAL
Lab Sample ID :	PB137921BL	Instrumnet Name :	P7
Client Sample ID :	PB137921BL	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 15:23:17	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	0.12	0.16	0.09	0.12	26.76	ppb
Antimony	121-1	0.00	0.01	0.02	0.01	67.53	ppb
Arsenic	75-1	0.04	-0.21	-0.11	-0.09		ppb
Barium	135-1	0.00	0.02	0.03	0.02	65.63	ppb
Barium	137-1	0.03	0.03	0.00	0.02	90.77	ppb
Beryllium	9-1	-0.01	-0.03	0.00	-0.01		ppb
Bismuth	209-1				100		%
Boron	10-1	58.11	53.80	49.59	53.83	7.92	ppb
Boron	11-1	59.87	55.06	50.05	54.99	8.93	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.04	-0.21	-0.21	-0.15		ppb
Cadmium	106-1	-0.60	-2.86	-2.85	-2.11		ppb
Cadmium	108-1	-0.36	-0.36	-0.36	-0.36		ppb
Calcium	43-1	-0.03	-3.45	2.54	-0.31		ppb
Calcium	44-1	-0.13	1.60	-0.10	0.46	217.35	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	-0.01	0.02	-0.02	0.00		ppb
Cobalt	59-1	-0.01	-0.01	-0.02	-0.02		ppb
Copper	63-1	0.09	0.08	0.07	0.08	18.21	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				99		%
Indium	115-1				97		%
Iron	56-1	-8.03	-7.30	-6.71	-7.35		ppb
Iron	57-1	-11.33	-11.04	-7.75	-10.04		ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	0.16	0.17	0.15	0.16	7.35	ppb
Lead	207-1	0.12	0.11	0.12	0.12	8.25	ppb
Lead	208-1	0.14	0.13	0.13	0.13	4.74	ppb
Lithium	6-1				94		%
Magnesium	24-1	0.22	0.21	0.16	0.19	17.49	ppb
Manganese	55-1	0.00	0.01	-0.01	0.00	2463.43	ppb
Molybdenum	94-1	-0.01	0.03	0.04	0.02	118.09	ppb

LB Number :	LB115543	Operator :	JASWAL
Lab Sample ID :	PB137921BL	Instrumnet Name :	P7
Client Sample ID :	PB137921BL	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 15:23:17	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	0.00	0.00	-0.01	0.00		ppb
Molybdenum	96-1	-0.03	-0.03	-0.03	-0.03		ppb
Molybdenum	97-1	0.01	0.01	0.01	0.01	18.40	ppb
Molybdenum	98-1	-0.01	0.00	0.00	0.00		ppb
Neodymium	150-1						cps
Nickel	60-1	0.00	0.00	-0.01	0.00		ppb
Phosphorus	31-1	1.99	4.51	2.02	2.84	51.05	ppb
Potassium	39-1	3.30	4.48	1.62	3.13	45.89	ppb
Rhodium	103-1				97		%
Scandium	45-1				93		%
Selenium	77-1	-0.01	-0.11	-0.11	-0.08		ppb
Selenium	78-1						ppb
Selenium	82-1	0.24	0.91	1.00	0.71	58.12	ppb
Silicon	28-1	-1.19	-1.31	-1.89	-1.47		ppb
Silver	107-1	0.04	0.03	0.02	0.03	48.24	ppb
Silver	109-1	0.05	0.04	0.03	0.04	22.10	ppb
Sodium	23-1	10.24	10.14	9.80	10.06	2.29	ppb
Strontium	86-1	0.00	0.00	-0.01	0.00		ppb
Strontium	88-1	-0.01	-0.01	-0.01	-0.01		ppb
Sulfur	34-1	-1106.44	-1092.05	-1129.89	-1109.46		ppb
Terbium	159-1				100		%
Thallium	203-1	-0.04	-0.02	-0.05	-0.04		ppb
Thallium	205-1	-0.04	-0.04	-0.05	-0.04		ppb
Thorium	232-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	-0.02	-0.03	-0.02	-0.02		ppb
Titanium	47-1	0.04	0.02	0.07	0.04	66.84	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-1	0.00	0.00	0.00	0.00	189.72	ppb
Yttrium	89-1				96		%
Zinc	66-1	0.01	0.00	0.01	0.00	181.22	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	53.65	ppb
Zirconium	91-1	0.01	0.00	0.00	0.01	115.27	ppb

LB Number :	LB115543	Operator :	JASWAL
Lab Sample ID :	PB137921BS	Instrumnet Name :	P7
Client Sample ID :	PB137921BS	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 15:25:51	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	9849.48	9909.09	9900.17	9886.25	0.33	ppb
Antimony	121-1	510.51	508.56	508.07	509.05	0.25	ppb
Arsenic	75-1	519.72	511.22	511.18	514.04	0.96	ppb
Barium	135-1	2522.75	2541.89	2530.62	2531.75	0.38	ppb
Barium	137-1	2548.59	2529.70	2515.99	2531.43	0.65	ppb
Beryllium	9-1	516.31	510.92	517.20	514.81	0.66	ppb
Bismuth	209-1				95		%
Boron	10-1	502.31	518.73	537.40	519.48	3.38	ppb
Boron	11-1	503.68	514.42	539.99	519.36	3.59	ppb
Bromine	81-1						cps
Cadmium	111-1	523.34	516.43	516.97	518.91	0.74	ppb
Cadmium	106-1	519.16	515.05	515.56	516.59	0.43	ppb
Cadmium	108-1	523.84	515.02	507.48	515.45	1.59	ppb
Calcium	43-1	51970.69	52242.91	52226.46	52146.69	0.29	ppb
Calcium	44-1	48824.54	49146.04	48812.76	48927.78	0.39	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	510.46	498.69	499.48	502.88	1.31	ppb
Cobalt	59-1	507.42	501.92	505.28	504.87	0.55	ppb
Copper	63-1	5128.93	5042.49	5138.05	5103.16	1.03	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				97		%
Indium	115-1				91		%
Iron	56-1	25729.88	25477.57	25578.49	25595.31	0.50	ppb
Iron	57-1	25905.39	25361.34	25461.03	25575.92	1.13	ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	2560.48	2545.23	2545.51	2550.41	0.34	ppb
Lead	207-1	2551.84	2530.91	2539.09	2540.61	0.42	ppb
Lead	208-1	2546.81	2523.33	2528.59	2532.91	0.49	ppb
Lithium	6-1				89		%
Magnesium	24-1	50093.25	49757.24	49884.37	49911.62	0.34	ppb
Manganese	55-1	5038.24	4994.64	5055.62	5029.50	0.62	ppb
Molybdenum	94-1	2550.69	2519.55	2529.11	2533.12	0.63	ppb

LB Number :	LB115543	Operator :	JASWAL
Lab Sample ID :	PB137921BS	Instrumnet Name :	P7
Client Sample ID :	PB137921BS	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 15:25:51	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	2544.73	2495.09	2494.14	2511.32	1.15	ppb
Molybdenum	96-1	2548.97	2511.19	2527.50	2529.22	0.75	ppb
Molybdenum	97-1	2551.75	2518.78	2530.02	2533.52	0.66	ppb
Molybdenum	98-1	2532.13	2488.97	2508.11	2509.74	0.86	ppb
Neodymium	150-1						cps
Nickel	60-1	514.42	505.62	509.04	509.69	0.87	ppb
Phosphorus	31-1	10207.14	10169.40	10170.02	10182.19	0.21	ppb
Potassium	39-1	24722.21	24821.34	24884.99	24809.51	0.33	ppb
Rhodium	103-1				89		%
Scandium	45-1				87		%
Selenium	77-1	527.14	512.14	514.03	517.77	1.58	ppb
Selenium	78-1						ppb
Selenium	82-1	509.27	502.77	508.90	506.98	0.72	ppb
Silicon	28-1	461.01	482.70	496.33	480.01	3.71	ppb
Silver	107-1	522.70	516.84	512.47	517.34	0.99	ppb
Silver	109-1	519.99	511.63	513.49	515.04	0.85	ppb
Sodium	23-1	50577.96	49820.39	50191.80	50196.71	0.75	ppb
Strontium	86-1	504.96	501.35	501.92	502.74	0.39	ppb
Strontium	88-1	5057.60	5030.90	5012.19	5033.57	0.45	ppb
Sulfur	34-1	9977.45	10225.97	9942.28	10048.57	1.54	ppb
Terbium	159-1				97		%
Thallium	203-1	507.06	504.00	503.74	504.93	0.36	ppb
Thallium	205-1	506.85	503.66	502.90	504.47	0.41	ppb
Thorium	232-1	501.59	496.82	498.37	498.92	0.49	ppb
Tin	118-1	514.26	509.61	512.33	512.07	0.46	ppb
Titanium	47-1	2531.07	2512.67	2521.50	2521.74	0.36	ppb
Uranium	238-1	502.82	496.38	500.49	499.90	0.65	ppb
Vanadium	51-1	505.66	500.75	501.59	502.67	0.52	ppb
Yttrium	89-1				92		%
Zinc	66-1	5126.08	5019.41	5119.75	5088.41	1.18	ppb
Zirconium	90-1	511.12	507.60	508.62	509.12	0.36	ppb
Zirconium	91-1	510.85	503.12	506.64	506.87	0.76	ppb

LB Number :	LB115543	Operator :	JASWAL
Lab Sample ID :	CCV39	Instrumnet Name :	P7
Client Sample ID :	CCV39	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 15:28:23	DataFile Name :	023CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	49905.16	49790.21	50968.04	50221.14	1.29	ppb
Antimony	121-1	497.49	483.70	482.73	487.98	1.69	ppb
Arsenic	75-1	487.80	487.93	482.92	486.22	0.59	ppb
Barium	135-1	2492.97	2447.00	2426.12	2455.36	1.39	ppb
Barium	137-1	2533.16	2515.25	2499.82	2516.08	0.66	ppb
Beryllium	9-1	516.63	512.29	517.48	515.47	0.54	ppb
Bismuth	209-1				91		%
Boron	10-1	525.36	544.02	553.31	540.90	2.63	ppb
Boron	11-1	526.59	550.43	557.30	544.77	2.96	ppb
Bromine	81-1						cps
Cadmium	111-1	490.18	485.37	475.42	483.66	1.56	ppb
Cadmium	106-1	489.37	494.20	486.35	489.97	0.81	ppb
Cadmium	108-1	496.59	486.27	480.31	487.72	1.69	ppb
Calcium	43-1	254453.95	255685.79	256159.01	255432.92	0.34	ppb
Calcium	44-1	245728.20	248779.91	248558.93	247689.01	0.69	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	487.66	487.58	516.56	497.27	3.36	ppb
Cobalt	59-1	498.48	494.92	505.68	499.69	1.10	ppb
Copper	63-1	4881.03	4898.53	4904.04	4894.53	0.25	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				99		%
Indium	115-1				91		%
Iron	56-1	126707.02	125807.80	128722.94	127079.25	1.17	ppb
Iron	57-1	126291.05	126159.56	127576.57	126675.73	0.62	ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	2580.22	2522.81	2644.20	2582.41	2.35	ppb
Lead	207-1	2618.15	2530.21	2663.16	2603.84	2.60	ppb
Lead	208-1	2597.10	2505.38	2665.44	2589.31	3.10	ppb
Lithium	6-1				86		%
Magnesium	24-1	245826.49	246838.23	252747.08	248470.60	1.50	ppb
Manganese	55-1	4955.12	4979.20	5050.80	4995.04	1.00	ppb
Molybdenum	94-1	2476.37	2537.33	2473.78	2495.83	1.44	ppb

LB Number :	LB115543	Operator :	JASWAL
Lab Sample ID :	CCV39	Instrumnet Name :	P7
Client Sample ID :	CCV39	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 15:28:23	DataFile Name :	023CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	2481.02	2517.05	2485.61	2494.56	0.79	ppb
Molybdenum	96-1	2495.87	2514.31	2502.56	2504.25	0.37	ppb
Molybdenum	97-1	2477.32	2482.52	2453.50	2471.11	0.63	ppb
Molybdenum	98-1	2507.40	2492.45	2481.16	2493.67	0.53	ppb
Neodymium	150-1						cps
Nickel	60-1	485.41	482.68	487.62	485.23	0.51	ppb
Phosphorus	31-1	10063.24	10090.38	10096.29	10083.30	0.17	ppb
Potassium	39-1	125346.75	124144.93	126972.24	125487.97	1.13	ppb
Rhodium	103-1				83		%
Scandium	45-1				86		%
Selenium	77-1	479.74	488.76	478.81	482.44	1.14	ppb
Selenium	78-1						ppb
Selenium	82-1	472.02	480.90	469.06	474.00	1.30	ppb
Silicon	28-1	504.72	536.89	552.26	531.29	4.57	ppb
Silver	107-1	486.68	481.28	472.60	480.19	1.48	ppb
Silver	109-1	485.13	477.38	473.68	478.73	1.22	ppb
Sodium	23-1	250487.12	248092.16	250768.81	249782.70	0.59	ppb
Strontium	86-1	497.79	500.36	497.99	498.71	0.29	ppb
Strontium	88-1	4948.11	4944.65	4991.57	4961.44	0.53	ppb
Sulfur	34-1	10172.82	10200.25	10501.20	10291.42	1.77	ppb
Terbium	159-1				97		%
Thallium	203-1	508.46	495.34	522.55	508.78	2.67	ppb
Thallium	205-1	518.12	495.43	534.28	515.94	3.78	ppb
Thorium	232-1	527.76	512.17	536.49	525.47	2.34	ppb
Tin	118-1	495.52	493.98	487.13	492.21	0.91	ppb
Titanium	47-1	2499.77	2477.11	2493.64	2490.17	0.47	ppb
Uranium	238-1	525.11	513.46	537.26	525.27	2.27	ppb
Vanadium	51-1	505.43	505.49	513.77	508.23	0.94	ppb
Yttrium	89-1				93		%
Zinc	66-1	4813.05	4874.63	4911.58	4866.42	1.02	ppb
Zirconium	90-1	511.33	500.31	508.47	506.70	1.13	ppb
Zirconium	91-1	492.32	500.67	485.13	492.70	1.58	ppb

LB Number : LB115543 Operator : JASWAL
 Lab Sample ID : CCB39 Instrumnet Name : P7
 Client Sample ID : CCB39 Dilution Factor : 1
 Date & Time Acquired :: 2021-07-23 15:43:12 DataFile Name : 024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	0.86	0.78	0.88	0.84	5.76	ppb
Antimony	121-1	0.05	0.04	0.03	0.04	37.23	ppb
Arsenic	75-1	0.11	0.08	0.06	0.08	30.08	ppb
Barium	135-1	0.01	0.05	0.02	0.03	57.64	ppb
Barium	137-1	0.02	0.01	0.03	0.02	52.99	ppb
Beryllium	9-1	-0.01	0.01	0.03	0.01	209.84	ppb
Bismuth	209-1				99		%
Boron	10-1	9.30	8.91	10.45	9.56	8.36	ppb
Boron	11-1	9.56	10.05	10.11	9.91	3.07	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.05	-0.09	-0.17	-0.11		ppb
Cadmium	106-1	-0.64	-1.29	-2.33	-1.42		ppb
Cadmium	108-1	-0.15	-0.24	-0.09	-0.16		ppb
Calcium	43-1	1.50	2.29	1.57	1.79	24.36	ppb
Calcium	44-1	6.08	6.38	5.39	5.95	8.48	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	0.09	0.09	0.12	0.10	14.76	ppb
Cobalt	59-1	0.00	0.01	-0.01	0.00	1240.02	ppb
Copper	63-1	0.15	0.15	0.15	0.15	2.48	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				97		%
Indium	115-1				95		%
Iron	56-1	-1.15	-0.64	0.51	-0.43		ppb
Iron	57-1	-1.11	-3.74	-1.77	-2.21		ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	0.18	0.16	0.17	0.17	6.30	ppb
Lead	207-1	0.12	0.12	0.11	0.12	2.38	ppb
Lead	208-1	0.15	0.14	0.16	0.15	8.44	ppb
Lithium	6-1				93		%
Magnesium	24-1	3.20	3.14	3.24	3.19	1.68	ppb
Manganese	55-1	0.12	0.11	0.12	0.12	3.47	ppb
Molybdenum	94-1	0.07	0.10	0.13	0.10	30.45	ppb

LB Number :	LB115543	Operator :	JASWAL
Lab Sample ID :	CCB39	Instrumnet Name :	P7
Client Sample ID :	CCB39	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 15:43:12	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	0.07	0.06	0.02	0.05	57.11	ppb
Molybdenum	96-1	0.02	0.04	0.04	0.03	35.05	ppb
Molybdenum	97-1	0.08	0.05	0.05	0.06	27.36	ppb
Molybdenum	98-1	0.06	0.04	0.05	0.05	16.61	ppb
Neodymium	150-1						cps
Nickel	60-1	0.02	0.05	0.03	0.03	47.84	ppb
Phosphorus	31-1	10.69	14.48	13.88	13.02	15.66	ppb
Potassium	39-1	23.20	24.18	27.96	25.11	10.01	ppb
Rhodium	103-1				94		%
Scandium	45-1				91		%
Selenium	77-1	0.09	-0.02	0.19	0.09	118.21	ppb
Selenium	78-1						ppb
Selenium	82-1	-0.43	0.40	-0.16	-0.06		ppb
Silicon	28-1	-0.17	0.13	1.46	0.47	183.50	ppb
Silver	107-1	0.01	0.01	0.01	0.01	21.96	ppb
Silver	109-1	0.01	0.01	0.01	0.01	17.40	ppb
Sodium	23-1	22.64	22.58	23.41	22.88	2.01	ppb
Strontium	86-1	0.00	0.00	0.01	0.01	64.01	ppb
Strontium	88-1	0.08	0.06	0.07	0.07	8.49	ppb
Sulfur	34-1	866.98	971.26	1155.71	997.98	14.65	ppb
Terbium	159-1				97		%
Thallium	203-1	-0.08	-0.10	-0.10	-0.09		ppb
Thallium	205-1	-0.10	-0.13	-0.10	-0.11		ppb
Thorium	232-1	0.01	0.01	0.00	0.01	28.34	ppb
Tin	118-1	0.15	0.17	0.17	0.16	6.95	ppb
Titanium	47-1	0.03	0.08	0.14	0.08	66.99	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	7.53	ppb
Vanadium	51-1	0.00	-0.01	0.00	0.00	1621.90	ppb
Yttrium	89-1				95		%
Zinc	66-1	0.44	0.41	0.44	0.43	3.77	ppb
Zirconium	90-1	0.04	0.04	0.04	0.04	7.17	ppb
Zirconium	91-1	0.05	0.04	0.04	0.04	16.60	ppb

LB Number :	LB115543	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 13:50:05	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	6098	5797	6408	6101	5.01	cps
Antimony	121-1	242	233	225	233	3.57	cps
Arsenic	75-1	-2359	-2382	-2865	-2535	-11.27	cps
Barium	135-1	33	8	8	17	86.62	cps
Barium	137-1	50	83	50	61	31.50	cps
Beryllium	9-1	122	106	133	120	11.62	cps
Bismuth	209-1	7754612	7851594	7848263	7818156	0.70	cps
Boron	10-1	300	333	358	331	8.85	cps
Boron	11-1	1592	1592	1767	1650	6.12	cps
Bromine	81-1	7302	7636	7544	7494	2.30	cps
Cadmium	111-1	3440	3362	3611	3471	3.66	cps
Cadmium	106-1	4909	4776	5159	4948	3.93	cps
Cadmium	108-1	67	92	67	75	19.24	cps
Calcium	43-1	175	158	233	189	20.85	cps
Calcium	44-1	6243	6001	6527	6257	4.20	cps
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	13243	13386	13123	13250	1.00	cps
Cobalt	59-1	671	701	591	654	8.70	cps
Copper	63-1	1563	1450	1627	1547	5.79	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Erbium	164-1	100	142	58	100	41.67	cps
Gadolinium	160-1	83	58	75	72	17.63	cps
Holmium	165-1	10905237	10733975	10859390	10832867	0.82	cps
Indium	115-1	7654716	7662430	7667536	7661561	0.08	cps
Iron	56-1	2440566	2443694	2454999	2446419	0.31	cps
Iron	57-1	36151	36101	34997	35750	1.82	cps
Iron	54-1						cps
Krypton	83-1	1050	1187	1073	1103	6.63	cps
Lead	206-1	1433	1678	1611	1574	8.03	cps
Lead	207-1	1550	1506	1450	1502	3.34	cps
Lead	208-1	6445	6734	6695	6625	2.37	cps
Lithium	6-1	2086999	2072800	2087176	2082325	0.40	cps
Magnesium	24-1	5707	5667	5827	5734	1.45	cps
Manganese	55-1	4806	4385	4866	4686	5.59	cps
Molybdenum	94-1	300	250	242	264	11.95	cps

LB Number :	LB115543	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 13:50:05	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	83	83	42	69	34.64	cps
Molybdenum	96-1	275	300	233	269	12.50	cps
Molybdenum	97-1	58	8	17	28	96.44	cps
Molybdenum	98-1	242	183	83	169	47.26	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Nickel	60-1	427	480	413	440	8.02	cps
Phosphorus	31-1	19563	19613	19723	19633	0.42	cps
Potassium	39-1	3101045	3103718	3109441	3104734	0.14	cps
Rhodium	103-1	7021846	6942108	7026204	6996720	0.68	cps
Scandium	45-1	4203235	4196099	4210829	4203388	0.18	cps
Selenium	77-1	42	75	17	44	65.84	cps
Selenium	78-1						cps
Selenium	82-1	-38	-101	107	-11	-993.63	cps
Silicon	28-1	202840	202580	205000	203473	0.65	cps
Silver	107-1	100	100	125	108	13.32	cps
Silver	109-1	17	58	58	44	54.12	cps
Sodium	23-1	262839	262181	262562	262527	0.13	cps
Strontium	86-1	1992	1783	1742	1839	7.28	cps
Strontium	88-1	283	350	292	308	11.78	cps
Sulfur	34-1	453099	449642	452076	451606	0.39	cps
Terbium	159-1	10986892	10978029	11036125	11000349	0.28	cps
Thallium	203-1	1900	2092	1992	1995	4.81	cps
Thallium	205-1	5184	4943	5059	5062	2.39	cps
Thorium	232-1	406	433	433	424	3.78	cps
Tin	118-1	625	733	542	633	15.17	cps
Titanium	47-1	42	8	33	28	62.46	cps
Uranium	238-1	142	92	125	119	21.31	cps
Vanadium	51-1	250	150	360	254	41.46	cps
Yttrium	89-1	11632276	11655718	11746651	11678215	0.52	cps
Zinc	66-1	1627	1747	1743	1706	4.01	cps
Zirconium	90-1	708	642	775	708	9.41	cps
Zirconium	91-1	125	83	125	111	21.65	cps

LB Number : LB115543 Operator : JASWAL
 Lab Sample ID : S2 Instrumnet Name : P7
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2021-07-23 13:52:48 DataFile Name : 004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	204072	204235	204702	204337	0.16	cps
Antimony	121-1	15642	15626	15342	15537	1.09	cps
Arsenic	75-1	-1053	-1285	-1162	-1167	-9.92	cps
Barium	135-1	19305	18504	19397	19069	2.58	cps
Barium	137-1	32180	33800	33257	33079	2.49	cps
Beryllium	9-1	1817	1506	1411	1578	13.45	cps
Bismuth	209-1	7837010	7791233	7863481	7830575	0.47	cps
Boron	10-1	4176	4376	4392	4315	2.80	cps
Boron	11-1	20055	21724	22100	21293	5.11	cps
Bromine	81-1	7494	7535	7335	7455	1.42	cps
Cadmium	111-1	5402	5517	5350	5423	1.57	cps
Cadmium	106-1	4851	4843	4718	4804	1.56	cps
Cadmium	108-1	283	242	271	265	8.06	cps
Calcium	43-1	10888	10537	10938	10788	2.02	cps
Calcium	44-1	179568	180327	179957	179950	0.21	cps
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	37284	37798	37224	37435	0.84	cps
Cobalt	59-1	14312	14592	14642	14515	1.23	cps
Copper	63-1	20942	21292	20748	20994	1.31	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Erbium	164-1	100	58	58	72	33.31	cps
Gadolinium	160-1	108	83	100	97	13.09	cps
Holmium	165-1	10888232	10976818	10813849	10892966	0.75	cps
Indium	115-1	7686820	7635930	7679017	7667256	0.36	cps
Iron	56-1	3179182	3177914	3156201	3171099	0.41	cps
Iron	57-1	55119	53411	54225	54251	1.57	cps
Iron	54-1						cps
Krypton	83-1	1147	1177	1163	1162	1.29	cps
Lead	206-1	10432	9559	10176	10056	4.46	cps
Lead	207-1	9253	8636	9098	8996	3.57	cps
Lead	208-1	41270	40025	40652	40649	1.53	cps
Lithium	6-1	2086651	2094821	2101886	2094453	0.36	cps
Magnesium	24-1	4016077	4005623	3983346	4001682	0.42	cps
Manganese	55-1	26932	26190	26200	26441	1.61	cps
Molybdenum	94-1	15041	14533	14716	14764	1.74	cps

LB Number :	LB115543	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 13:52:48	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	18471	17102	18704	18092	4.78	cps
Molybdenum	96-1	20665	21258	20966	20963	1.41	cps
Molybdenum	97-1	11688	10963	11580	11410	3.43	cps
Molybdenum	98-1	29790	30600	29798	30063	1.55	cps
Neodymium	150-1	7	0	20	9	114.55	cps
Nickel	60-1	4284	4081	4214	4193	2.46	cps
Phosphorus	31-1	19884	19723	19493	19700	1.00	cps
Potassium	39-1	8185410	8138542	8090674	8138209	0.58	cps
Rhodium	103-1	7141527	7015192	7027505	7061408	0.99	cps
Scandium	45-1	4268668	4205168	4220754	4231530	0.78	cps
Selenium	77-1	558	475	558	531	9.07	cps
Selenium	78-1						cps
Selenium	82-1	625	590	582	599	3.79	cps
Silicon	28-1	245857	242309	242342	243503	0.84	cps
Silver	107-1	9820	10029	9053	9634	5.33	cps
Silver	109-1	9328	9320	9679	9442	2.17	cps
Sodium	23-1	6187148	6091696	6189101	6155982	0.90	cps
Strontium	86-1	3951	4192	4184	4109	3.34	cps
Strontium	88-1	21650	22117	21575	21781	1.35	cps
Sulfur	34-1	460147	452700	440307	451051	2.22	cps
Terbium	159-1	11157951	10949958	11033027	11046979	0.95	cps
Thallium	203-1	11714	11922	11414	11683	2.19	cps
Thallium	205-1	27763	28030	26919	27571	2.10	cps
Thorium	232-1	439	378	406	407	7.51	cps
Tin	118-1	33098	33331	33240	33223	0.35	cps
Titanium	47-1	4801	4968	4292	4687	7.50	cps
Uranium	238-1	32124	31497	32900	32174	2.19	cps
Vanadium	51-1	66236	68387	66054	66892	1.94	cps
Yttrium	89-1	11799583	11901894	11692235	11797904	0.89	cps
Zinc	66-1	16593	16359	16129	16360	1.42	cps
Zirconium	90-1	11980	12064	11980	12008	0.40	cps
Zirconium	91-1	2575	2909	2709	2731	6.14	cps

LB Number :	LB115543	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 13:55:30	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	9340053	9430907	9369157	9380039	0.49	cps
Antimony	121-1	404479	410004	408487	407657	0.70	cps
Arsenic	75-1	77014	77232	76164	76803	0.73	cps
Barium	135-1	487217	488204	488614	488012	0.15	cps
Barium	137-1	849094	846951	854843	850296	0.48	cps
Beryllium	9-1	76748	77541	76452	76914	0.73	cps
Bismuth	209-1	7821466	7712894	7852256	7795539	0.94	cps
Boron	10-1	8578	9520	10020	9373	7.82	cps
Boron	11-1	42460	43714	46355	44176	4.50	cps
Bromine	81-1	7002	7077	7394	7158	2.91	cps
Cadmium	111-1	114936	115730	114254	114973	0.64	cps
Cadmium	106-1	16410	16919	17511	16947	3.25	cps
Cadmium	108-1	8040	8494	8257	8264	2.75	cps
Calcium	43-1	109443	111777	111215	110812	1.10	cps
Calcium	44-1	1761225	1762621	1766629	1763492	0.16	cps
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	623240	624479	622633	623450	0.15	cps
Cobalt	59-1	711547	718184	718165	715966	0.53	cps
Copper	63-1	3734235	3747864	3745725	3742608	0.20	cps
Dysprosium	156-1	75	42	58	58	28.57	cps
Erbium	164-1	142	83	67	97	40.50	cps
Gadolinium	160-1	67	83	108	86	24.35	cps
Holmium	165-1	10822904	10914158	10809960	10849007	0.52	cps
Indium	115-1	7574269	7563898	7579594	7572587	0.11	cps
Iron	56-1	38296042	38548677	38428692	38424471	0.33	cps
Iron	57-1	944974	941824	934947	940582	0.55	cps
Iron	54-1						cps
Krypton	83-1	1120	977	1170	1089	9.22	cps
Lead	206-1	2007004	2015041	2020591	2014212	0.34	cps
Lead	207-1	1787768	1785151	1797951	1790290	0.38	cps
Lead	208-1	8136597	8145875	8225331	8169268	0.60	cps
Lithium	6-1	2092858	2094262	2095449	2094190	0.06	cps
Magnesium	24-1	43216679	42953085	42685894	42951886	0.62	cps
Manganese	55-1	8815336	8739547	8810921	8788602	0.48	cps
Molybdenum	94-1	777198	781894	775949	778347	0.40	cps

LB Number :	LB115543	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 13:55:30	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	972892	976146	972450	973830	0.21	cps
Molybdenum	96-1	1073791	1083477	1081003	1079424	0.47	cps
Molybdenum	97-1	607420	607727	606129	607092	0.14	cps
Molybdenum	98-1	1570354	1577077	1567015	1571482	0.33	cps
Neodymium	150-1	60	60	40	53	21.65	cps
Nickel	60-1	158839	157222	157791	157950	0.52	cps
Phosphorus	31-1	411627	410655	411135	411139	0.12	cps
Potassium	39-1	28948443	28948051	28774292	28890262	0.35	cps
Rhodium	103-1	6909403	6981103	6954799	6948435	0.52	cps
Scandium	45-1	4216437	4210025	4181491	4202651	0.44	cps
Selenium	77-1	4534	4943	4801	4759	4.36	cps
Selenium	78-1						cps
Selenium	82-1	6483	6782	6657	6641	2.26	cps
Silicon	28-1	452933	469108	468161	463400	1.96	cps
Silver	107-1	520736	525055	523877	523223	0.43	cps
Silver	109-1	496847	504250	500197	500431	0.74	cps
Sodium	23-1	59947836	60536298	59737294	60073809	0.69	cps
Strontium	86-1	1192134	1184448	1189183	1188588	0.33	cps
Strontium	88-1	10113113	10179939	10086679	10126577	0.47	cps
Sulfur	34-1	493193	488500	483933	488542	0.95	cps
Terbium	159-1	11051410	11080627	11024052	11052029	0.26	cps
Thallium	203-1	489259	494091	501095	494815	1.20	cps
Thallium	205-1	1172893	1189007	1192843	1184914	0.89	cps
Thorium	232-1	1689989	1721900	1732849	1714913	1.30	cps
Tin	118-1	342901	341779	341425	342035	0.23	cps
Titanium	47-1	244127	243892	239191	242403	1.15	cps
Uranium	238-1	1681646	1693280	1694584	1689837	0.42	cps
Vanadium	51-1	676851	679293	673981	676708	0.39	cps
Yttrium	89-1	11806691	11746015	11695527	11749411	0.47	cps
Zinc	66-1	1054725	1056160	1057633	1056173	0.14	cps
Zirconium	90-1	623743	625517	622904	624055	0.21	cps
Zirconium	91-1	141703	140465	139253	140474	0.87	cps

LB Number : LB115543 Operator : JASWAL
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2021-07-23 13:58:13 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	22922051	22905448	22626627	22818042	0.73	cps
Antimony	121-1	995544	1016256	1008747	1006849	1.04	cps
Arsenic	75-1	194284	199158	197269	196903	1.25	cps
Barium	135-1	1176553	1193921	1186219	1185564	0.73	cps
Barium	137-1	2073679	2092693	2081816	2082729	0.46	cps
Beryllium	9-1	185263	189211	187840	187438	1.07	cps
Bismuth	209-1	7710261	7815379	7736857	7754166	0.70	cps
Boron	10-1	21090	22400	23110	22200	4.61	cps
Boron	11-1	104668	107798	110417	107628	2.67	cps
Bromine	81-1	6760	6568	6477	6602	2.19	cps
Cadmium	111-1	272891	277322	277612	275942	0.96	cps
Cadmium	106-1	33574	36030	35178	34927	3.57	cps
Cadmium	108-1	20886	21057	21287	21077	0.95	cps
Calcium	43-1	268875	271158	270611	270215	0.44	cps
Calcium	44-1	4250693	4271558	4252220	4258157	0.27	cps
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	1480974	1498467	1482920	1487454	0.64	cps
Cobalt	59-1	1725962	1733602	1725897	1728487	0.26	cps
Copper	63-1	8986811	9045155	8901818	8977928	0.80	cps
Dysprosium	156-1	100	33	92	75	48.44	cps
Erbium	164-1	58	75	58	64	15.06	cps
Gadolinium	160-1	133	92	108	111	18.88	cps
Holmium	165-1	10754792	10897955	10677644	10776797	1.04	cps
Indium	115-1	7404443	7563342	7476924	7481570	1.06	cps
Iron	56-1	90017720	91324291	89437682	90259898	1.07	cps
Iron	57-1	2227737	2266441	2212910	2235696	1.24	cps
Iron	54-1						cps
Krypton	83-1	1010	1020	1060	1030	2.57	cps
Lead	206-1	4928938	5000576	4986643	4972052	0.76	cps
Lead	207-1	4381910	4461490	4431091	4424830	0.91	cps
Lead	208-1	20148568	20531501	20190801	20290290	1.03	cps
Lithium	6-1	2049976	2053297	2002742	2035338	1.39	cps
Magnesium	24-1	106010226	106081360	104808322	105633303	0.68	cps
Manganese	55-1	21333456	21384674	21099411	21272513	0.71	cps
Molybdenum	94-1	1908250	1934116	1899579	1913982	0.94	cps

LB Number :	LB115543	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	2359420	2401097	2356826	2372447	1.05	cps
Molybdenum	96-1	2640262	2672261	2636547	2649690	0.74	cps
Molybdenum	97-1	1483988	1502926	1481455	1489456	0.79	cps
Molybdenum	98-1	3848169	3881099	3837823	3855697	0.59	cps
Neodymium	150-1	87	113	67	89	26.34	cps
Nickel	60-1	373057	377720	371203	373993	0.90	cps
Phosphorus	31-1	968910	972061	966173	969048	0.30	cps
Potassium	39-1	65344858	66081374	64897856	65441362	0.91	cps
Rhodium	103-1	6738722	6906813	6804897	6816811	1.24	cps
Scandium	45-1	4062004	4133702	4108864	4101523	0.89	cps
Selenium	77-1	12464	12447	12481	12464	0.13	cps
Selenium	78-1						cps
Selenium	82-1	16236	16173	15926	16112	1.02	cps
Silicon	28-1	814588	850180	865556	843441	3.10	cps
Silver	107-1	1262260	1273959	1268727	1268315	0.46	cps
Silver	109-1	1204025	1229438	1219975	1217813	1.05	cps
Sodium	23-1	145862067	146224394	144449925	145512129	0.64	cps
Strontium	86-1	2861616	2905467	2883263	2883448	0.76	cps
Strontium	88-1	24679548	24855215	24500760	24678508	0.72	cps
Sulfur	34-1	532696	539143	528296	533378	1.02	cps
Terbium	159-1	10885853	10994628	10944287	10941589	0.50	cps
Thallium	203-1	1206052	1223707	1224008	1217922	0.84	cps
Thallium	205-1	2905340	2922689	2908423	2912151	0.32	cps
Thorium	232-1	4299876	4334876	4358346	4331033	0.68	cps
Tin	118-1	838878	841735	845897	842170	0.42	cps
Titanium	47-1	584887	596112	586953	589317	1.01	cps
Uranium	238-1	4182377	4234563	4248365	4221768	0.82	cps
Vanadium	51-1	1637208	1656010	1640384	1644534	0.61	cps
Yttrium	89-1	11440922	11630988	11452644	11508185	0.93	cps
Zinc	66-1	2523055	2546045	2530016	2533039	0.47	cps
Zirconium	90-1	1531165	1540428	1528646	1533413	0.40	cps
Zirconium	91-1	341983	344748	345101	343944	0.50	cps

LB Number : LB115543 Operator : JASWAL
 Lab Sample ID : S5 Instrumnet Name : P7
 Client Sample ID : S5 Dilution Factor : 1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	44980510	44100916	44017587	44366338	1.20	cps
Antimony	121-1	1978847	1977985	1966667	1974500	0.34	cps
Arsenic	75-1	380699	371390	368917	373668	1.66	cps
Barium	135-1	2347796	2346548	2326477	2340273	0.51	cps
Barium	137-1	4112201	4141552	4062622	4105459	0.97	cps
Beryllium	9-1	364388	354857	353785	357677	1.63	cps
Bismuth	209-1	7714101	7737509	7713285	7721632	0.18	cps
Boron	10-1	42159	44783	44992	43978	3.59	cps
Boron	11-1	197068	206405	208968	204147	3.07	cps
Bromine	81-1	6110	6918	6285	6438	6.61	cps
Cadmium	111-1	535664	536852	529289	533935	0.76	cps
Cadmium	106-1	62856	62052	62396	62435	0.65	cps
Cadmium	108-1	40629	40307	39622	40186	1.28	cps
Calcium	43-1	519143	516260	509308	514904	0.98	cps
Calcium	44-1	7680853	7531589	7521838	7578093	1.18	cps
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	2864142	2833571	2810149	2835954	0.95	cps
Cobalt	59-1	3340118	3277783	3281722	3299874	1.06	cps
Copper	63-1	17242198	16999255	16872687	17038046	1.10	cps
Dysprosium	156-1	217	133	167	172	24.35	cps
Erbium	164-1	117	92	100	103	12.39	cps
Gadolinium	160-1	167	183	142	164	12.80	cps
Holmium	165-1	10827155	10885639	10763160	10825318	0.57	cps
Indium	115-1	7398627	7340184	7225094	7321301	1.21	cps
Iron	56-1	170810945	168820690	169314003	169648546	0.61	cps
Iron	57-1	4295931	4240051	4221861	4252614	0.91	cps
Iron	54-1						cps
Krypton	83-1	967	1077	1007	1017	5.48	cps
Lead	206-1	9999434	9980955	10021500	10000630	0.20	cps
Lead	207-1	8883208	8907765	8878439	8889804	0.18	cps
Lead	208-1	40357230	40628959	40443420	40476536	0.34	cps
Lithium	6-1	2011809	1982330	1984807	1992982	0.82	cps
Magnesium	24-1	205939788	204172325	203436760	204516291	0.63	cps
Manganese	55-1	41314975	40836180	40684338	40945164	0.80	cps
Molybdenum	94-1	3760890	3722574	3709547	3731004	0.72	cps

LB Number :	LB115543	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	4649047	4608370	4605750	4621055	0.53	cps
Molybdenum	96-1	5167797	5153556	5124949	5148768	0.42	cps
Molybdenum	97-1	2899999	2902294	2874708	2892334	0.53	cps
Molybdenum	98-1	7271471	7315689	7266800	7284653	0.37	cps
Neodymium	150-1	207	213	160	193	15.03	cps
Nickel	60-1	727436	713332	705944	715571	1.53	cps
Phosphorus	31-1	1852686	1820275	1803393	1825451	1.37	cps
Potassium	39-1	124389813	123872220	122452363	123571465	0.81	cps
Rhodium	103-1	6797504	6649277	6673647	6706810	1.19	cps
Scandium	45-1	4043736	3931768	3892054	3955853	1.99	cps
Selenium	77-1	24146	22735	22710	23197	3.54	cps
Selenium	78-1						cps
Selenium	82-1	30862	30994	30964	30940	0.22	cps
Silicon	28-1	1380753	1424611	1440753	1415372	2.19	cps
Silver	107-1	2477202	2483955	2441017	2467391	0.94	cps
Silver	109-1	2367396	2374346	2343719	2361820	0.68	cps
Sodium	23-1	287188879	282160661	282200060	283849867	1.02	cps
Strontium	86-1	5623296	5610707	5539305	5591103	0.81	cps
Strontium	88-1	48312338	47924065	47483552	47906651	0.87	cps
Sulfur	34-1	601587	584898	574668	587051	2.31	cps
Terbium	159-1	11015170	10873535	10881591	10923432	0.73	cps
Thallium	203-1	2428318	2462628	2412797	2434581	1.05	cps
Thallium	205-1	5813091	5869468	5828962	5837174	0.50	cps
Thorium	232-1	8791352	8847098	8860300	8832916	0.41	cps
Tin	118-1	1637064	1651190	1641946	1643400	0.44	cps
Titanium	47-1	1150102	1124811	1113925	1129612	1.64	cps
Uranium	238-1	8527525	8536050	8646172	8569916	0.77	cps
Vanadium	51-1	3194102	3158641	3133936	3162226	0.96	cps
Yttrium	89-1	11398994	11187557	11118534	11235029	1.30	cps
Zinc	66-1	4864290	4811333	4788933	4821519	0.80	cps
Zirconium	90-1	3016123	2979397	2960527	2985349	0.95	cps
Zirconium	91-1	672830	665465	665023	667773	0.66	cps

LB Number :	LB115543	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 14:03:40	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	82909587	83902149	84500620	83770785	0.96	cps
Antimony	121-1	3732102	3803945	3842791	3792946	1.48	cps
Arsenic	75-1	692856	701225	720360	704814	2.00	cps
Barium	135-1	4441913	4506497	4495856	4481422	0.77	cps
Barium	137-1	7718431	7932776	7867334	7839514	1.40	cps
Beryllium	9-1	664925	666416	667475	666272	0.19	cps
Bismuth	209-1	7620370	7649538	7444181	7571363	1.47	cps
Boron	10-1	77800	82741	83312	81284	3.73	cps
Boron	11-1	373523	389418	399110	387350	3.34	cps
Bromine	81-1	5776	5693	5460	5643	2.91	cps
Cadmium	111-1	1005538	1017241	1012997	1011925	0.59	cps
Cadmium	106-1	113417	113636	113316	113456	0.14	cps
Cadmium	108-1	76755	76910	76295	76654	0.42	cps
Calcium	43-1	959099	969380	962796	963758	0.54	cps
Calcium	44-1	14245303	14306511	14286104	14279306	0.22	cps
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	5259672	5265072	5377178	5300641	1.25	cps
Cobalt	59-1	6117271	6108725	6186524	6137507	0.70	cps
Copper	63-1	31616336	31424306	32142938	31727860	1.17	cps
Dysprosium	156-1	275	325	267	289	10.92	cps
Erbium	164-1	142	167	108	139	21.07	cps
Gadolinium	160-1	300	258	383	314	20.28	cps
Holmium	165-1	10684563	10727017	10487433	10633004	1.20	cps
Indium	115-1	7080087	7015683	7050147	7048639	0.46	cps
Iron	56-1	319069138	317517436	319919548	318835374	0.38	cps
Iron	57-1	7699386	7780272	7802103	7760587	0.70	cps
Iron	54-1						cps
Krypton	83-1	893	1017	933	948	6.64	cps
Lead	206-1	19667880	19846154	19715798	19743278	0.47	cps
Lead	207-1	17413214	17511413	17473697	17466108	0.28	cps
Lead	208-1	79745674	79694949	78914894	79451839	0.59	cps
Lithium	6-1	1905155	1871686	1830535	1869125	2.00	cps
Magnesium	24-1	383920857	383909136	388926683	385585559	0.75	cps
Manganese	55-1	77026516	77112127	77909191	77349278	0.63	cps
Molybdenum	94-1	6889158	6977599	7019189	6961982	0.95	cps

LB Number :	LB115543	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	8561298	8613016	8628815	8601043	0.41	cps
Molybdenum	96-1	9569146	9481977	9564039	9538387	0.51	cps
Molybdenum	97-1	5474590	5496002	5504646	5491746	0.28	cps
Molybdenum	98-1	13795544	13891294	14020597	13902478	0.81	cps
Neodymium	150-1	360	420	313	364	14.67	cps
Nickel	60-1	1306551	1307599	1325808	1313319	0.82	cps
Phosphorus	31-1	3369104	3365899	3413771	3382925	0.79	cps
Potassium	39-1	228645142	228107785	232190362	229647763	0.97	cps
Rhodium	103-1	6321322	6292139	6311937	6308466	0.24	cps
Scandium	45-1	3746434	3718584	3741662	3735560	0.40	cps
Selenium	77-1	43750	43616	42572	43313	1.49	cps
Selenium	78-1						cps
Selenium	82-1	59150	59028	58030	58736	1.05	cps
Silicon	28-1	2409998	2533579	2614824	2519467	4.09	cps
Silver	107-1	4595964	4639508	4643652	4626375	0.57	cps
Silver	109-1	4432617	4457818	4454604	4448346	0.31	cps
Sodium	23-1	530908250	531861823	533410872	532060315	0.24	cps
Strontium	86-1	10516386	10545380	10617081	10559616	0.49	cps
Strontium	88-1	92058592	92493023	92552769	92368128	0.29	cps
Sulfur	34-1	707366	709148	719429	711981	0.91	cps
Terbium	159-1	10752480	10879638	10690910	10774343	0.89	cps
Thallium	203-1	4732303	4780053	4692369	4734908	0.93	cps
Thallium	205-1	11216584	11397286	11320391	11311421	0.80	cps
Thorium	232-1	17354336	17630579	17377910	17454275	0.88	cps
Tin	118-1	3106720	3158562	3172657	3145980	1.10	cps
Titanium	47-1	2096668	2125591	2150154	2124138	1.26	cps
Uranium	238-1	16884857	17183729	16872910	16980499	1.04	cps
Vanadium	51-1	5821816	5873474	5945613	5880301	1.06	cps
Yttrium	89-1	10865348	10749115	10858925	10824463	0.60	cps
Zinc	66-1	8959184	8940043	9247528	9048918	1.90	cps
Zirconium	90-1	5616788	5572942	5710702	5633478	1.25	cps
Zirconium	91-1	1264497	1277778	1284069	1275448	0.78	cps

LB Number : LB115543 Operator : JASWAL
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2021-07-23 14:06:23 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	161323753	161320800	162694384	161779646	0.49	cps
Antimony	121-1	7234336	7305941	7429831	7323369	1.35	cps
Arsenic	75-1	1319806	1324481	1324066	1322784	0.20	cps
Barium	135-1	8646677	8692432	8862177	8733762	1.30	cps
Barium	137-1	15030920	15314431	15252826	15199392	0.98	cps
Beryllium	9-1	1234718	1238852	1230433	1234668	0.34	cps
Bismuth	209-1	7412731	7519948	7628228	7520302	1.43	cps
Boron	10-1	150609	159245	162942	157599	4.02	cps
Boron	11-1	714679	741103	772146	742643	3.87	cps
Bromine	81-1	6176	5843	5359	5793	7.09	cps
Cadmium	111-1	1901320	1937080	1921265	1919888	0.93	cps
Cadmium	106-1	213738	213992	216155	214628	0.62	cps
Cadmium	108-1	145236	146411	146229	145959	0.43	cps
Calcium	43-1	1812664	1816343	1804554	1811187	0.33	cps
Calcium	44-1	27205237	27389729	27443394	27346120	0.46	cps
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	9914655	9977727	10059325	9983902	0.73	cps
Cobalt	59-1	11470935	11657684	11775676	11634765	1.32	cps
Copper	63-1	58928931	59949521	59810217	59562890	0.93	cps
Dysprosium	156-1	433	508	575	506	14.02	cps
Erbium	164-1	158	150	167	158	5.26	cps
Gadolinium	160-1	567	467	658	564	17.00	cps
Holmium	165-1	10557508	10674308	10519001	10583606	0.76	cps
Indium	115-1	6769121	6851448	6877037	6832535	0.83	cps
Iron	56-1	612472071	618222421	620109027	616934506	0.64	cps
Iron	57-1	14649296	14744400	14928424	14774040	0.96	cps
Iron	54-1						cps
Krypton	83-1	863	1043	993	967	9.61	cps
Lead	206-1	38284412	39189390	39594404	39022735	1.72	cps
Lead	207-1	34336474	34765901	35220748	34774375	1.27	cps
Lead	208-1	156356933	158542768	160588404	158496035	1.34	cps
Lithium	6-1	1795950	1785513	1778104	1786522	0.50	cps
Magnesium	24-1	729253608	729359013	739826921	732813181	0.83	cps
Manganese	55-1	146546997	149710085	149770140	148675741	1.24	cps
Molybdenum	94-1	13432248	13512567	13548997	13497938	0.44	cps

LB Number :	LB115543	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	16627838	16818035	16905443	16783772	0.85	cps
Molybdenum	96-1	18229994	18627288	18728503	18528595	1.42	cps
Molybdenum	97-1	10332120	10480710	10520989	10444606	0.95	cps
Molybdenum	98-1	26973420	27081762	27169599	27074927	0.36	cps
Neodymium	150-1	687	787	587	687	14.56	cps
Nickel	60-1	2408666	2423504	2430544	2420905	0.46	cps
Phosphorus	31-1	6274770	6171261	6253063	6233031	0.88	cps
Potassium	39-1	434318954	437579304	439203918	437034059	0.57	cps
Rhodium	103-1	5869766	5952353	5910596	5910905	0.70	cps
Scandium	45-1	3537236	3527129	3492988	3519118	0.66	cps
Selenium	77-1	83432	82727	83180	83113	0.43	cps
Selenium	78-1						cps
Selenium	82-1	110065	110785	110769	110540	0.37	cps
Silicon	28-1	4547628	4732784	4732905	4671106	2.29	cps
Silver	107-1	8678630	8700906	8771189	8716909	0.55	cps
Silver	109-1	8387627	8407118	8504556	8433101	0.74	cps
Sodium	23-1	1014058963	1012160925	1032851215	1019690368	1.12	cps
Strontium	86-1	20208268	20359516	20539824	20369202	0.81	cps
Strontium	88-1	178674287	178801354	181928196	179801279	1.03	cps
Sulfur	34-1	979457	964643	953587	965896	1.34	cps
Terbium	159-1	10618281	10813204	10665542	10699009	0.95	cps
Thallium	203-1	9176367	9405713	9349240	9310440	1.28	cps
Thallium	205-1	21860004	22417815	22758994	22345604	2.03	cps
Thorium	232-1	35198979	35379508	36291041	35623176	1.64	cps
Tin	118-1	6003038	6066824	6060925	6043596	0.58	cps
Titanium	47-1	3998161	4002183	3965180	3988508	0.51	cps
Uranium	238-1	34240953	34294528	34897863	34477781	1.06	cps
Vanadium	51-1	11126397	11222390	11243789	11197525	0.56	cps
Yttrium	89-1	10477850	10726341	10647048	10617080	1.20	cps
Zinc	66-1	16791499	16966756	16927807	16895354	0.54	cps
Zirconium	90-1	10569288	10731457	10808632	10703126	1.14	cps
Zirconium	91-1	2397307	2436092	2433537	2422312	0.90	cps

LB Number : LB115543 Operator : JASWAL
 Lab Sample ID : S8 Instrumnet Name : P7
 Client Sample ID : S8 Dilution Factor : 1
 Date & Time Acquired :: 2021-07-23 14:09:07 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	795682855	808732384	830660932	811692057	2.18	cps
Antimony	121-1	4451	4509	4434	4465	0.88	cps
Arsenic	75-1	-1659	-1547	-1551	-1586	-4.01	cps
Barium	135-1	3351	3359	3084	3264	4.79	cps
Barium	137-1	5026	5335	5176	5179	2.98	cps
Beryllium	9-1	272	278	289	280	3.04	cps
Bismuth	209-1	6880715	6900464	6880451	6887210	0.17	cps
Boron	10-1	7377	6485	5776	6546	12.25	cps
Boron	11-1	33245	30707	26691	30214	10.94	cps
Bromine	81-1	5493	5893	5885	5757	3.97	cps
Cadmium	111-1	3257	3275	3124	3219	2.56	cps
Cadmium	106-1	4226	4276	4176	4226	1.18	cps
Cadmium	108-1	233	258	254	249	5.39	cps
Calcium	43-1	8543201	8718566	8848766	8703511	1.76	cps
Calcium	44-1	136957682	138876786	140108286	138647585	1.15	cps
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	43584	43203	42869	43219	0.83	cps
Cobalt	59-1	20906	21397	21147	21150	1.16	cps
Copper	63-1	35373	35590	36850	35937	2.22	cps
Dysprosium	156-1	2017	1850	2150	2006	7.50	cps
Erbium	164-1	442	283	433	386	23.08	cps
Gadolinium	160-1	2425	2559	2325	2436	4.81	cps
Holmium	165-1	10866787	10909373	10801153	10859104	0.50	cps
Indium	115-1	6782512	6864516	6933019	6860016	1.10	cps
Iron	56-1	2915889307	2945652909	3002383558	2954641925	1.49	cps
Iron	57-1	71198541	71611221	72973091	71927618	1.29	cps
Iron	54-1						cps
Krypton	83-1	840	957	1003	933	9.01	cps
Lead	206-1	35726	36762	37258	36582	2.14	cps
Lead	207-1	34060	33665	33520	33748	0.83	cps
Lead	208-1	149255	152394	150241	150630	1.07	cps
Lithium	6-1	1720505	1731005	1731562	1727691	0.36	cps
Magnesium	24-1	3665332483	3711995465	3783920828	3720416259	1.61	cps
Manganese	55-1	112772	114345	117805	114974	2.24	cps
Molybdenum	94-1	4751	3917	4009	4226	10.82	cps

LB Number :	LB115543	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	5935	5426	5776	5712	4.56	cps
Molybdenum	96-1	7352	6810	6252	6805	8.09	cps
Molybdenum	97-1	3751	3509	3367	3542	5.47	cps
Molybdenum	98-1	9987	8861	8353	9067	9.22	cps
Neodymium	150-1	67	73	73	71	5.41	cps
Nickel	60-1	11395	11568	11258	11407	1.36	cps
Phosphorus	31-1	20726	20786	21287	20933	1.47	cps
Potassium	39-1	2161176060	2182014578	2230292294	2191160977	1.62	cps
Rhodium	103-1	5609692	5556791	5547053	5571179	0.61	cps
Scandium	45-1	3495063	3481425	3518942	3498477	0.54	cps
Selenium	77-1	33	92	75	67	45.07	cps
Selenium	78-1						cps
Selenium	82-1	87	1	-68	7	1108.78	cps
Silicon	28-1	798765	969651	1027945	932121	12.78	cps
Silver	107-1	2467	2575	2500	2514	2.21	cps
Silver	109-1	2359	2309	2184	2284	3.95	cps
Sodium	23-1	5042223326	5056305407	5164499197	5087675977	1.31	cps
Strontium	86-1	7736	7519	7786	7680	1.85	cps
Strontium	88-1	52872	51961	52253	52362	0.89	cps
Sulfur	34-1	363973	359259	363219	362151	0.70	cps
Terbium	159-1	10856204	10864785	10853219	10858069	0.06	cps
Thallium	203-1	3217	2525	2250	2664	18.70	cps
Thallium	205-1	7502	6043	5568	6371	15.82	cps
Thorium	232-1	4329	3784	3384	3832	12.37	cps
Tin	118-1	3759	3334	3209	3434	8.40	cps
Titanium	47-1	825	733	875	811	8.86	cps
Uranium	238-1	3292	3542	3901	3578	8.55	cps
Vanadium	51-1	3734	3794	3374	3634	6.26	cps
Yttrium	89-1	10675169	10637185	10804949	10705768	0.82	cps
Zinc	66-1	30976	30893	31230	31033	0.57	cps
Zirconium	90-1	3192	2675	2842	2903	9.09	cps
Zirconium	91-1	542	717	725	661	15.66	cps

LB Number : LB115543 Operator : JASWAL
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	4329386	4290876	4264630	4294964	0.76	cps
Antimony	121-1	1545724	1557561	1557785	1553690	0.44	cps
Arsenic	75-1	301905	303623	303692	303073	0.33	cps
Barium	135-1	189499	188570	185868	187979	1.00	cps
Barium	137-1	325360	330143	328063	327855	0.73	cps
Beryllium	9-1	142746	140907	139280	140978	1.23	cps
Bismuth	209-1	7904652	7896466	7882547	7894555	0.14	cps
Boron	10-1	106119	111752	114848	110907	3.99	cps
Boron	11-1	506986	526126	537480	523531	2.94	cps
Bromine	81-1	6760	6285	6201	6415	4.70	cps
Cadmium	111-1	216652	217270	213631	215851	0.90	cps
Cadmium	106-1	22769	22769	22844	22794	0.19	cps
Cadmium	108-1	17223	17319	17469	17337	0.72	cps
Calcium	43-1	74470	73306	71640	73139	1.95	cps
Calcium	44-1	948148	933277	924471	935299	1.28	cps
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	1153596	1145853	1136396	1145282	0.75	cps
Cobalt	59-1	1350857	1329915	1321828	1334200	1.12	cps
Copper	63-1	717755	715176	704568	712499	0.98	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Erbium	164-1	167	75	75	106	50.14	cps
Gadolinium	160-1	67	75	50	64	19.92	cps
Holmium	165-1	11117427	10793432	10767468	10892776	1.79	cps
Indium	115-1	7578637	7520064	7443646	7514116	0.90	cps
Iron	56-1	28979064	29076088	28364415	28806522	1.34	cps
Iron	57-1	692890	684764	680648	686101	0.91	cps
Iron	54-1						cps
Krypton	83-1	1103	960	1013	1026	7.06	cps
Lead	206-1	1712005	1742583	1717155	1723914	0.95	cps
Lead	207-1	1451345	1477169	1456405	1461640	0.94	cps
Lead	208-1	6783063	6881610	6799282	6821318	0.77	cps
Lithium	6-1	2040699	2000447	1964747	2001964	1.90	cps
Magnesium	24-1	9834532	9670404	9526753	9677230	1.59	cps
Manganese	55-1	1642884	1625716	1607004	1625202	1.10	cps
Molybdenum	94-1	4974620	4946383	4938605	4953203	0.38	cps

LB Number : LB115543 Operator : JASWAL
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2021-07-23 14:41:20 DataFile Name : 011ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	8678922	8499443	8567494	8581953	1.06	cps
Molybdenum	96-1	9363064	9236585	9160214	9253288	1.11	cps
Molybdenum	97-1	5451127	5451512	5434373	5445671	0.18	cps
Molybdenum	98-1	13998925	13774795	13831993	13868571	0.84	cps
Neodymium	150-1	33	7	13	18	78.05	cps
Nickel	60-1	293520	292555	288303	291459	0.95	cps
Phosphorus	31-1	19382	18480	18400	18754	2.91	cps
Potassium	39-1	21637758	21189127	21090041	21305642	1.37	cps
Rhodium	103-1	6904412	6843482	6701725	6816539	1.53	cps
Scandium	45-1	4037451	3958131	3915161	3970248	1.56	cps
Selenium	77-1	18604	19547	19597	19249	2.91	cps
Selenium	78-1						cps
Selenium	82-1	25287	25415	24764	25155	1.37	cps
Silicon	28-1	310251	312945	320555	314584	1.70	cps
Silver	107-1	478511	480265	477493	478756	0.29	cps
Silver	109-1	460703	462399	456579	459894	0.65	cps
Sodium	23-1	22270709	22155759	21851230	22092566	0.98	cps
Strontium	86-1	10138786	10030641	9895732	10021719	1.22	cps
Strontium	88-1	88631069	88303904	87268087	88067687	0.81	cps
Sulfur	34-1	412957	402591	394285	403278	2.32	cps
Terbium	159-1	11270105	11015959	10899072	11061712	1.71	cps
Thallium	203-1	2098725	2106118	2097011	2100618	0.23	cps
Thallium	205-1	5016562	5055872	5037498	5036644	0.39	cps
Thorium	232-1	1222	1233	1300	1252	3.36	cps
Tin	118-1	1400	1292	3000	1897	50.41	cps
Titanium	47-1	2138778	2103324	2093993	2112032	1.12	cps
Uranium	238-1	133	142	142	139	3.46	cps
Vanadium	51-1	1241839	1240906	1226898	1236547	0.68	cps
Yttrium	89-1	11662158	11490448	11318234	11490280	1.50	cps
Zinc	66-1	387716	381720	382242	383892	0.87	cps
Zirconium	90-1	3692	3309	3309	3437	6.44	cps
Zirconium	91-1	908	1050	1058	1006	8.38	cps

LB Number : LB115543 Operator : JASWAL
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	5306	5276	23280	11288	92.01	cps
Antimony	121-1	483	400	267	383	28.51	cps
Arsenic	75-1	-2239	-2411	-2297	-2316	-3.76	cps
Barium	135-1	25	17	42	28	45.82	cps
Barium	137-1	42	50	50	47	10.18	cps
Beryllium	9-1	150	94	61	102	44.09	cps
Bismuth	209-1	7708206	7685948	7719729	7704628	0.22	cps
Boron	10-1	1650	1417	1750	1606	10.65	cps
Boron	11-1	7160	7460	6868	7163	4.13	cps
Bromine	81-1	6210	6602	6610	6474	3.53	cps
Cadmium	111-1	2763	2968	2997	2909	4.38	cps
Cadmium	106-1	3959	4234	4267	4153	4.08	cps
Cadmium	108-1	42	13	33	29	51.51	cps
Calcium	43-1	175	117	150	147	19.88	cps
Calcium	44-1	5626	5868	5901	5799	2.59	cps
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	12379	11805	11882	12022	2.59	cps
Cobalt	59-1	330	330	360	340	5.09	cps
Copper	63-1	1473	1517	1587	1526	3.75	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Erbium	164-1	92	50	92	78	30.93	cps
Gadolinium	160-1	50	58	75	61	20.83	cps
Holmium	165-1	10587475	10635953	10666854	10630094	0.38	cps
Indium	115-1	7360701	7407325	7358924	7375650	0.37	cps
Iron	56-1	2153945	2178222	2168643	2166936	0.56	cps
Iron	57-1	30894	31998	30794	31228	2.14	cps
Iron	54-1						cps
Krypton	83-1	1027	1150	1013	1063	7.09	cps
Lead	206-1	2167	2050	2172	2130	3.24	cps
Lead	207-1	1939	1934	1906	1926	0.93	cps
Lead	208-1	8535	8212	8362	8370	1.93	cps
Lithium	6-1	1988394	1998205	2006037	1997545	0.44	cps
Magnesium	24-1	10625	10274	10434	10444	1.68	cps
Manganese	55-1	4375	4085	4646	4368	6.42	cps
Molybdenum	94-1	417	392	317	375	13.88	cps

LB Number : LB115543 Operator : JASWAL
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	308	358	175	281	33.78	cps
Molybdenum	96-1	483	400	333	406	18.53	cps
Molybdenum	97-1	192	200	158	183	12.03	cps
Molybdenum	98-1	525	392	567	494	18.49	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Nickel	60-1	323	323	460	369	21.39	cps
Phosphorus	31-1	19914	20796	19412	20041	3.49	cps
Potassium	39-1	2865529	2901007	2878154	2881563	0.62	cps
Rhodium	103-1	6649293	6690174	6620382	6653283	0.53	cps
Scandium	45-1	3876765	3910141	3908241	3898382	0.48	cps
Selenium	77-1	83	58	83	75	19.25	cps
Selenium	78-1						cps
Selenium	82-1	-33	-77	16	-31	-149.65	cps
Silicon	28-1	183268	181717	184745	183243	0.83	cps
Silver	107-1	100	200	125	142	36.74	cps
Silver	109-1	100	58	58	72	33.31	cps
Sodium	23-1	344908	355624	349769	350100	1.53	cps
Strontium	86-1	2059	1733	1808	1867	9.12	cps
Strontium	88-1	1525	1258	1192	1325	13.31	cps
Sulfur	34-1	412636	421044	416621	416767	1.01	cps
Terbium	159-1	10728633	10626562	10781678	10712291	0.74	cps
Thallium	203-1	592	642	692	642	7.79	cps
Thallium	205-1	1525	1442	1759	1575	10.42	cps
Thorium	232-1	211	250	194	219	13.05	cps
Tin	118-1	492	483	542	506	6.24	cps
Titanium	47-1	83	125	50	86	43.64	cps
Uranium	238-1	67	33	25	42	52.92	cps
Vanadium	51-1	110	140	110	120	14.43	cps
Yttrium	89-1	11101075	11176928	11141700	11139901	0.34	cps
Zinc	66-1	1437	1497	1463	1466	2.05	cps
Zirconium	90-1	550	742	758	683	16.94	cps
Zirconium	91-1	117	150	142	136	12.74	cps

LB Number : LB115543 Operator : JASWAL
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2021-07-23 14:52:52 DataFile Name : 013ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	781507900	777998932	793892605	784466479	1.06	cps
Antimony	121-1	8469	8603	9120	8731	3.94	cps
Arsenic	75-1	-696	-473	-149	-439	-62.64	cps
Barium	135-1	2775	2534	2642	2650	4.57	cps
Barium	137-1	4526	4176	4743	4481	6.38	cps
Beryllium	9-1	456	428	439	441	3.17	cps
Bismuth	209-1	7381181	7348628	7361109	7363639	0.22	cps
Boron	10-1	1367	1267	1408	1347	5.41	cps
Boron	11-1	6035	5976	5901	5971	1.12	cps
Bromine	81-1	6185	5960	5910	6018	2.44	cps
Cadmium	111-1	5661	5898	6621	6060	8.25	cps
Cadmium	106-1	4684	4259	4309	4417	5.26	cps
Cadmium	108-1	2842	2804	2400	2682	9.13	cps
Calcium	43-1	1778455	1797857	1817796	1798036	1.09	cps
Calcium	44-1	26711789	27199451	27724001	27211747	1.86	cps
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	213596	216021	217170	215596	0.85	cps
Cobalt	59-1	15314	14031	15614	14986	5.61	cps
Copper	63-1	53092	53072	55441	53869	2.53	cps
Dysprosium	156-1	58	8	25	31	83.32	cps
Erbium	164-1	58	100	75	78	26.96	cps
Gadolinium	160-1	125	150	125	133	10.83	cps
Holmium	165-1	10579279	10628413	10627946	10611879	0.27	cps
Indium	115-1	6813125	6888925	6963213	6888421	1.09	cps
Iron	56-1	1231536613	1228251849	1250059135	1236615866	0.95	cps
Iron	57-1	29623860	29617612	30395518	29878996	1.50	cps
Iron	54-1						cps
Krypton	83-1	883	890	940	904	3.42	cps
Lead	206-1	41481	41102	42183	41589	1.32	cps
Lead	207-1	32802	33882	33442	33375	1.63	cps
Lead	208-1	156194	157360	158185	157246	0.64	cps
Lithium	6-1	1822319	1789989	1818238	1810182	0.97	cps
Magnesium	24-1	705464019	705998654	717865881	709776185	0.99	cps
Manganese	55-1	117635	118340	117271	117749	0.46	cps
Molybdenum	94-1	3653150	3692591	3717670	3687804	0.88	cps

LB Number :	LB115543	Operator :	JASWAL
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 14:52:52	DataFile Name :	013ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	6396457	6519946	6566506	6494303	1.35	cps
Molybdenum	96-1	6902789	6976327	7055992	6978369	1.10	cps
Molybdenum	97-1	4042268	4067762	4116866	4075632	0.93	cps
Molybdenum	98-1	10304893	10587337	10668748	10520326	1.82	cps
Neodymium	150-1	27	20	33	27	24.99	cps
Nickel	60-1	15335	15195	15241	15257	0.47	cps
Phosphorus	31-1	30854208	30780043	31358793	30997681	1.02	cps
Potassium	39-1	864705315	872444754	888095044	875081704	1.36	cps
Rhodium	103-1	5862789	5885736	5895227	5881251	0.28	cps
Scandium	45-1	3564207	3512458	3549059	3541908	0.75	cps
Selenium	77-1	225	267	292	261	12.90	cps
Selenium	78-1						cps
Selenium	82-1	71	116	25	71	64.02	cps
Silicon	28-1	235983	236049	239548	237193	0.86	cps
Silver	107-1	517	575	492	528	8.10	cps
Silver	109-1	308	525	567	467	29.72	cps
Sodium	23-1	1022919523	1038575939	1053254217	1038249893	1.46	cps
Strontium	86-1	73303	74074	73932	73769	0.56	cps
Strontium	88-1	622847	632097	635740	630228	1.05	cps
Sulfur	34-1	3376156	3340820	3377041	3364672	0.61	cps
Terbium	159-1	10672978	10633978	10798577	10701844	0.80	cps
Thallium	203-1	4343	2909	2192	3148	34.79	cps
Thallium	205-1	9987	7060	5760	7603	28.48	cps
Thorium	232-1	267	294	267	276	5.81	cps
Tin	118-1	3301	3276	3034	3203	4.60	cps
Titanium	47-1	1645112	1646950	1664829	1652297	0.66	cps
Uranium	238-1	608	600	492	567	11.49	cps
Vanadium	51-1	3614	3284	3895	3597	8.50	cps
Yttrium	89-1	10498944	10352308	10584448	10478567	1.12	cps
Zinc	66-1	23259	23676	24050	23661	1.67	cps
Zirconium	90-1	808	692	808	769	8.75	cps
Zirconium	91-1	225	150	100	158	39.74	cps

LB Number :	LB115543	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 14:55:25	DataFile Name :	014ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	806000672	809494986	808266658	807920772	0.22	cps
Antimony	121-1	160820	158703	160221	159915	0.68	cps
Arsenic	75-1	28709	28151	28073	28311	1.22	cps
Barium	135-1	38596	38755	39139	38830	0.72	cps
Barium	137-1	67530	68377	68602	68170	0.83	cps
Beryllium	9-1	25984	26167	26440	26197	0.88	cps
Bismuth	209-1	7583587	7665862	7745517	7664989	1.06	cps
Boron	10-1	9553	10562	10512	10209	5.57	cps
Boron	11-1	49105	49698	51036	49947	1.98	cps
Bromine	81-1	6452	6743	7702	6966	9.39	cps
Cadmium	111-1	47283	48120	47024	47476	1.21	cps
Cadmium	106-1	10421	10387	10137	10315	1.50	cps
Cadmium	108-1	6056	5985	5885	5975	1.44	cps
Calcium	43-1	1852131	1855660	1859950	1855914	0.21	cps
Calcium	44-1	28281436	28502818	28451774	28412009	0.41	cps
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	424659	428362	430959	427993	0.74	cps
Cobalt	59-1	259211	253775	258437	257141	1.14	cps
Copper	63-1	184406	183164	184101	183890	0.35	cps
Dysprosium	156-1	50	92	25	56	60.62	cps
Erbium	164-1	58	125	92	92	36.37	cps
Gadolinium	160-1	50	83	92	75	29.40	cps
Holmium	165-1	11059228	10971290	11176923	11069147	0.93	cps
Indium	115-1	7206309	7340570	7384161	7310347	1.27	cps
Iron	56-1	1283735050	1275204079	1295364559	1284767896	0.79	cps
Iron	57-1	31146300	31038439	31407607	31197449	0.61	cps
Iron	54-1						cps
Krypton	83-1	937	960	1000	966	3.32	cps
Lead	206-1	198332	198179	198043	198184	0.07	cps
Lead	207-1	167477	167026	168275	167593	0.38	cps
Lead	208-1	773835	774996	777316	775383	0.23	cps
Lithium	6-1	1865277	1853092	1863157	1860508	0.35	cps
Magnesium	24-1	723199914	730094309	731776270	728356831	0.62	cps
Manganese	55-1	419736	424142	427262	423713	0.89	cps
Molybdenum	94-1	4020814	3991403	3985235	3999151	0.48	cps

LB Number :	LB115543	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 14:55:25	DataFile Name :	014ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	6740350	6663981	6701893	6702075	0.57	cps
Molybdenum	96-1	7270783	7274106	7250245	7265045	0.18	cps
Molybdenum	97-1	4195002	4147327	4162479	4168269	0.58	cps
Molybdenum	98-1	10752893	10868390	10989065	10870116	1.09	cps
Neodymium	150-1	33	60	33	42	36.47	cps
Nickel	60-1	68529	66332	67796	67552	1.66	cps
Phosphorus	31-1	31892659	32048539	32365722	32102307	0.75	cps
Potassium	39-1	907652941	900882871	914631439	907722417	0.76	cps
Rhodium	103-1	6309367	6367702	6444450	6373839	1.06	cps
Scandium	45-1	3684761	3700484	3744078	3709774	0.83	cps
Selenium	77-1	2134	2225	2225	2195	2.41	cps
Selenium	78-1						cps
Selenium	82-1	2485	2255	2397	2379	4.87	cps
Silicon	28-1	261347	263490	267723	264187	1.23	cps
Silver	107-1	177160	173171	175936	175422	1.17	cps
Silver	109-1	170549	168380	169756	169562	0.65	cps
Sodium	23-1	1059213897	1074745868	1068654136	1067537967	0.73	cps
Strontium	86-1	197102	196787	200531	198140	1.05	cps
Strontium	88-1	1718083	1716064	1727231	1720459	0.35	cps
Sulfur	34-1	3442257	3405793	3434622	3427557	0.56	cps
Terbium	159-1	11021404	11061192	11165161	11082586	0.67	cps
Thallium	203-1	195938	195160	197080	196059	0.49	cps
Thallium	205-1	464132	467268	469858	467086	0.61	cps
Thorium	232-1	344	283	300	309	10.22	cps
Tin	118-1	345154	347518	346976	346549	0.36	cps
Titanium	47-1	1708531	1690756	1697898	1699062	0.53	cps
Uranium	238-1	1907165	1916737	1905929	1909944	0.31	cps
Vanadium	51-1	239087	237430	234834	237117	0.90	cps
Yttrium	89-1	11107857	11091848	11230171	11143292	0.68	cps
Zinc	66-1	59089	58617	59889	59198	1.09	cps
Zirconium	90-1	637333	635369	642240	638314	0.55	cps
Zirconium	91-1	143554	142619	143638	143270	0.39	cps

LB Number : LB115543 Operator : JASWAL
 Lab Sample ID : CCV38 Instrumnet Name : P7
 Client Sample ID : CCV38 Dilution Factor : 1
 Date & Time Acquired :: 2021-07-23 14:57:58 DataFile Name : 015CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	423012678	430994649	428391316	427466214	0.95	cps
Antimony	121-1	3664168	3697343	3718240	3693250	0.74	cps
Arsenic	75-1	678419	677529	680452	678800	0.22	cps
Barium	135-1	4406029	4448866	4496121	4450339	1.01	cps
Barium	137-1	7904438	7928934	7953442	7928938	0.31	cps
Beryllium	9-1	633291	636112	642254	637219	0.72	cps
Bismuth	209-1	7409011	7473918	7473937	7452288	0.50	cps
Boron	10-1	77708	83555	82499	81254	3.83	cps
Boron	11-1	366318	384424	391745	380829	3.44	cps
Bromine	81-1	5885	6702	5860	6149	7.79	cps
Cadmium	111-1	964789	965171	964066	964676	0.06	cps
Cadmium	106-1	109578	110175	110225	109993	0.33	cps
Cadmium	108-1	71919	73174	74720	73271	1.91	cps
Calcium	43-1	4686158	4739586	4716962	4714235	0.57	cps
Calcium	44-1	72457037	73249752	73958514	73221768	1.03	cps
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	5114338	5365499	5404393	5294743	2.97	cps
Cobalt	59-1	6045861	6132974	6141611	6106816	0.87	cps
Copper	63-1	30503849	30947791	31292197	30914612	1.28	cps
Dysprosium	156-1	1200	1058	1267	1175	9.06	cps
Erbium	164-1	367	275	308	317	14.65	cps
Gadolinium	160-1	1392	1242	1358	1331	5.92	cps
Holmium	165-1	10903140	10938826	11029280	10957082	0.59	cps
Indium	115-1	7128030	7078323	7223311	7143222	1.03	cps
Iron	56-1	1587096681	1587984088	1608819683	1594633484	0.77	cps
Iron	57-1	38096838	38861988	38756538	38571788	1.08	cps
Iron	54-1						cps
Krypton	83-1	957	983	993	978	1.94	cps
Lead	206-1	19446246	19540837	19792728	19593270	0.91	cps
Lead	207-1	17482729	17399582	17583365	17488559	0.53	cps
Lead	208-1	78701701	79716282	80067176	79495053	0.89	cps
Lithium	6-1	1808603	1806287	1808622	1807837	0.07	cps
Magnesium	24-1	1908665238	1947596568	1952317809	1936193205	1.24	cps
Manganese	55-1	78003463	78329509	79284704	78539226	0.85	cps
Molybdenum	94-1	7081711	7187172	7131135	7133339	0.74	cps

LB Number :	LB115543	Operator :	JASWAL
Lab Sample ID :	CCV38	Instrumnet Name :	P7
Client Sample ID :	CCV38	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 14:57:58	DataFile Name :	015CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	8735509	8851832	8887779	8825040	0.90	cps
Molybdenum	96-1	9785783	9916625	10000562	9900990	1.09	cps
Molybdenum	97-1	5391025	5418026	5448810	5419287	0.53	cps
Molybdenum	98-1	14165711	14130784	14616447	14304314	1.89	cps
Neodymium	150-1	413	493	420	442	10.04	cps
Nickel	60-1	1239579	1248742	1247809	1245376	0.40	cps
Phosphorus	31-1	3295021	3308631	3334807	3312820	0.61	cps
Potassium	39-1	1152926606	1184228907	1179274273	1172143262	1.44	cps
Rhodium	103-1	5984517	6164118	6263890	6137508	2.31	cps
Scandium	45-1	3675575	3675702	3693915	3681731	0.29	cps
Selenium	77-1	42806	42053	42588	42482	0.91	cps
Selenium	78-1						cps
Selenium	82-1	55388	55450	56070	55636	0.68	cps
Silicon	28-1	2439549	2635245	2736323	2603706	5.79	cps
Silver	107-1	4355784	4369793	4386186	4370588	0.35	cps
Silver	109-1	4201037	4180133	4198876	4193349	0.27	cps
Sodium	23-1	2636555983	2698691396	2701358864	2678868748	1.37	cps
Strontium	86-1	10525357	10724367	10894102	10714609	1.72	cps
Strontium	88-1	93309590	94651898	95267902	94409797	1.06	cps
Sulfur	34-1	684546	689536	691713	688598	0.53	cps
Terbium	159-1	11065417	11083030	11283362	11143937	1.09	cps
Thallium	203-1	4590793	4635353	4601203	4609116	0.51	cps
Thallium	205-1	11233971	11282976	11324333	11280427	0.40	cps
Thorium	232-1	17840734	17994467	18260150	18031784	1.18	cps
Tin	118-1	3057695	3076922	3113519	3082712	0.92	cps
Titanium	47-1	2069737	2080042	2091104	2080294	0.51	cps
Uranium	238-1	17412142	17574202	17783481	17589942	1.06	cps
Vanadium	51-1	5921444	5996657	6092764	6003622	1.43	cps
Yttrium	89-1	11105150	11155654	11349681	11203495	1.15	cps
Zinc	66-1	8656154	8683185	8895311	8744883	1.50	cps
Zirconium	90-1	5721953	5788121	5843182	5784418	1.05	cps
Zirconium	91-1	1242741	1261412	1269853	1258002	1.10	cps

LB Number :	LB115543	Operator :	JASWAL
Lab Sample ID :	CCB38	Instrumnet Name :	P7
Client Sample ID :	CCB38	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 15:08:09	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	10765	10515	10234	10504	2.53	cps
Antimony	121-1	600	550	533	561	6.18	cps
Arsenic	75-1	-2270	-2293	-2051	-2205	-6.06	cps
Barium	135-1	83	58	42	61	34.32	cps
Barium	137-1	108	133	83	108	23.08	cps
Beryllium	9-1	122	128	111	120	7.05	cps
Bismuth	209-1	7835796	7695149	7836490	7789145	1.05	cps
Boron	10-1	1108	1225	1058	1131	7.57	cps
Boron	11-1	6602	5760	5601	5987	8.98	cps
Bromine	81-1	6735	6710	6935	6793	1.82	cps
Cadmium	111-1	3233	3419	3061	3238	5.52	cps
Cadmium	106-1	4601	4884	4326	4604	6.07	cps
Cadmium	108-1	42	54	42	46	15.74	cps
Calcium	43-1	200	275	300	258	20.14	cps
Calcium	44-1	6868	8353	7319	7513	10.13	cps
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	13079	13573	13193	13282	1.95	cps
Cobalt	59-1	501	491	410	467	10.57	cps
Copper	63-1	2460	2497	2334	2430	3.53	cps
Dysprosium	156-1	0	0	17	6	173.21	cps
Erbium	164-1	67	58	50	58	14.29	cps
Gadolinium	160-1	75	67	33	58	37.80	cps
Holmium	165-1	10935566	10662488	10865090	10821048	1.31	cps
Indium	115-1	7512791	7549325	7545927	7536015	0.27	cps
Iron	56-1	2297204	2212816	2298570	2269530	2.16	cps
Iron	57-1	30553	32791	30322	31222	4.37	cps
Iron	54-1						cps
Krypton	83-1	1000	1090	1003	1031	4.95	cps
Lead	206-1	2650	2289	2711	2550	8.95	cps
Lead	207-1	2122	2206	2211	2180	2.28	cps
Lead	208-1	10185	9429	10663	10092	6.16	cps
Lithium	6-1	1923925	1870982	1934630	1909846	1.78	cps
Magnesium	24-1	22209	24335	23101	23215	4.60	cps
Manganese	55-1	5136	5507	5687	5443	5.16	cps
Molybdenum	94-1	550	675	575	600	11.02	cps

LB Number : LB115543 Operator : JASWAL
 Lab Sample ID : CCB38 Instrumnet Name : P7
 Client Sample ID : CCB38 Dilution Factor : 1
 Date & Time Acquired :: 2021-07-23 15:08:09 DataFile Name : 016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	292	425	358	358	18.60	cps
Molybdenum	96-1	408	425	450	428	4.90	cps
Molybdenum	97-1	275	258	192	242	18.25	cps
Molybdenum	98-1	608	483	567	553	11.51	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Nickel	60-1	540	563	470	524	9.26	cps
Phosphorus	31-1	21147	24064	20716	21975	8.29	cps
Potassium	39-1	2999058	3246664	2880271	3041998	6.15	cps
Rhodium	103-1	6844590	6822606	6744019	6803738	0.78	cps
Scandium	45-1	3896037	3982946	3845038	3908007	1.78	cps
Selenium	77-1	67	117	83	89	28.64	cps
Selenium	78-1						cps
Selenium	82-1	-5	-5	-64	-25	-138.72	cps
Silicon	28-1	186432	216276	181253	194654	9.71	cps
Silver	107-1	233	183	283	233	21.43	cps
Silver	109-1	175	150	183	169	10.24	cps
Sodium	23-1	499624	526701	488336	504887	3.91	cps
Strontium	86-1	1875	1667	1692	1745	6.52	cps
Strontium	88-1	858	908	1092	953	12.89	cps
Sulfur	34-1	417901	451586	403725	424404	5.79	cps
Terbium	159-1	10954445	10747973	10925529	10875982	1.03	cps
Thallium	203-1	2325	2267	2267	2286	1.47	cps
Thallium	205-1	6143	5426	6360	5977	8.18	cps
Thorium	232-1	583	506	744	611	19.94	cps
Tin	118-1	1800	1567	1542	1636	8.71	cps
Titanium	47-1	92	133	125	117	18.90	cps
Uranium	238-1	92	192	142	142	35.29	cps
Vanadium	51-1	350	250	230	277	23.24	cps
Yttrium	89-1	11317321	11563693	11295917	11392310	1.31	cps
Zinc	66-1	2254	2224	2224	2234	0.78	cps
Zirconium	90-1	1042	1308	1225	1192	11.45	cps
Zirconium	91-1	233	267	250	250	6.67	cps

LB Number : LB115543 Operator : JASWAL
 Lab Sample ID : CRIRE Instrumnet Name : P7
 Client Sample ID : CRIRE Dilution Factor : 1
 Date & Time Acquired :: 2021-07-23 15:10:42 DataFile Name : 017LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	193940	192909	192704	193184	0.34	cps
Antimony	121-1	15576	15818	14908	15434	3.05	cps
Arsenic	75-1	-804	-1024	-971	-933	-12.27	cps
Barium	135-1	18688	18262	18379	18443	1.19	cps
Barium	137-1	32171	31595	32221	31996	1.09	cps
Beryllium	9-1	1495	1528	1583	1535	2.93	cps
Bismuth	209-1	7721146	7892902	7909319	7841122	1.33	cps
Boron	10-1	4668	4743	5034	4815	4.02	cps
Boron	11-1	22417	23293	24011	23240	3.43	cps
Bromine	81-1	6677	7085	7510	7091	5.88	cps
Cadmium	111-1	5509	5391	5048	5316	4.51	cps
Cadmium	106-1	4793	4684	4518	4665	2.97	cps
Cadmium	108-1	221	179	271	224	20.53	cps
Calcium	43-1	10354	10104	10137	10198	1.33	cps
Calcium	44-1	163275	164455	165179	164303	0.58	cps
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	35209	35062	35269	35180	0.30	cps
Cobalt	59-1	13450	12618	13751	13273	4.42	cps
Copper	63-1	15692	15772	15829	15764	0.44	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Erbium	164-1	75	108	92	92	18.18	cps
Gadolinium	160-1	92	67	50	69	30.20	cps
Holmium	165-1	10779268	10724787	10799704	10767920	0.36	cps
Indium	115-1	7420643	7469655	7646740	7512346	1.58	cps
Iron	56-1	2999977	2985532	2987233	2990914	0.26	cps
Iron	57-1	46762	48750	46932	47481	2.32	cps
Iron	54-1						cps
Krypton	83-1	1077	1060	983	1040	4.79	cps
Lead	206-1	10104	10421	10154	10226	1.67	cps
Lead	207-1	8842	8898	8992	8911	0.85	cps
Lead	208-1	41081	40847	42072	41333	1.57	cps
Lithium	6-1	1915007	1959540	1958110	1944219	1.30	cps
Magnesium	24-1	3802140	3804303	3785733	3797392	0.27	cps
Manganese	55-1	21217	22250	22049	21839	2.51	cps
Molybdenum	94-1	14249	14683	13824	14252	3.01	cps

LB Number :	LB115543	Operator :	JASWAL
Lab Sample ID :	CRIRE	Instrumnet Name :	P7
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 15:10:42	DataFile Name :	017LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	18412	18062	18162	18212	0.99	cps
Molybdenum	96-1	20574	19614	19656	19948	2.72	cps
Molybdenum	97-1	11897	11113	11255	11422	3.66	cps
Molybdenum	98-1	28537	29740	29047	29108	2.07	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Nickel	60-1	3370	3514	3187	3357	4.88	cps
Phosphorus	31-1	19362	19402	19513	19426	0.40	cps
Potassium	39-1	7529529	7630007	7549322	7569619	0.70	cps
Rhodium	103-1	6703847	6749985	6765526	6739786	0.48	cps
Scandium	45-1	3840111	3945376	3896035	3893841	1.35	cps
Selenium	77-1	583	492	542	539	8.52	cps
Selenium	78-1						cps
Selenium	82-1	589	576	654	606	6.89	cps
Silicon	28-1	218128	222300	219309	219912	0.98	cps
Silver	107-1	9545	9745	9545	9612	1.20	cps
Silver	109-1	9337	8870	8820	9009	3.17	cps
Sodium	23-1	5946442	6044755	5940999	5977399	0.98	cps
Strontium	86-1	3667	4309	3717	3898	9.16	cps
Strontium	88-1	19889	19614	19639	19714	0.77	cps
Sulfur	34-1	407252	424549	411389	414397	2.18	cps
Terbium	159-1	10901442	10996112	11133616	11010390	1.06	cps
Thallium	203-1	12356	11280	12189	11942	4.85	cps
Thallium	205-1	28448	27604	28331	28127	1.62	cps
Thorium	232-1	333	328	378	346	7.91	cps
Tin	118-1	33148	31778	32104	32343	2.21	cps
Titanium	47-1	4309	4376	4776	4487	5.63	cps
Uranium	238-1	32341	31831	31263	31812	1.69	cps
Vanadium	51-1	61470	62606	62365	62147	0.96	cps
Yttrium	89-1	11186530	11229291	11459637	11291819	1.30	cps
Zinc	66-1	7175	7275	7369	7273	1.33	cps
Zirconium	90-1	11455	12055	11989	11833	2.78	cps
Zirconium	91-1	2642	2700	2842	2728	3.77	cps

LB Number :	LB115543	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 15:15:37	DataFile Name :	018LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	233716	230983	233431	232710	0.65	cps
Antimony	121-1	15317	15133	15517	15323	1.25	cps
Arsenic	75-1	-1238	-1243	-793	-1091	-23.64	cps
Barium	135-1	18379	18412	18688	18493	0.92	cps
Barium	137-1	31979	31261	31561	31600	1.14	cps
Beryllium	9-1	1445	1483	1483	1470	1.53	cps
Bismuth	209-1	7949316	7947823	7807476	7901538	1.03	cps
Boron	10-1	4918	4718	4943	4859	2.54	cps
Boron	11-1	21007	21716	23702	22142	6.31	cps
Bromine	81-1	6568	6752	6452	6591	2.30	cps
Cadmium	111-1	5408	5694	5385	5496	3.13	cps
Cadmium	106-1	4884	5109	4926	4973	2.41	cps
Cadmium	108-1	158	183	233	192	19.92	cps
Calcium	43-1	10170	10137	9970	10093	1.06	cps
Calcium	44-1	164192	165355	165911	165153	0.53	cps
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	35035	35192	35005	35077	0.29	cps
Cobalt	59-1	13440	13129	13931	13500	2.99	cps
Copper	63-1	15278	15712	15612	15534	1.46	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Erbium	164-1	67	108	50	75	40.06	cps
Gadolinium	160-1	108	117	100	108	7.69	cps
Holmium	165-1	10983338	11082923	10800161	10955474	1.31	cps
Indium	115-1	7660028	7610921	7490822	7587257	1.15	cps
Iron	56-1	2964304	2954175	2953140	2957206	0.21	cps
Iron	57-1	47043	47675	47786	47501	0.84	cps
Iron	54-1						cps
Krypton	83-1	1040	977	1033	1017	3.42	cps
Lead	206-1	9809	9665	9681	9719	0.81	cps
Lead	207-1	8703	8914	9009	8875	1.76	cps
Lead	208-1	38884	39624	39790	39433	1.22	cps
Lithium	6-1	1981370	2000889	1977288	1986516	0.63	cps
Magnesium	24-1	3780837	3813842	3809702	3801460	0.47	cps
Manganese	55-1	21748	21959	20746	21484	3.02	cps
Molybdenum	94-1	14658	14374	14925	14652	1.88	cps

LB Number :	LB115543	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 15:15:37	DataFile Name :	018LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	16935	17461	17645	17347	2.12	cps
Molybdenum	96-1	20348	19589	19597	19845	2.20	cps
Molybdenum	97-1	10612	11180	11989	11260	6.14	cps
Molybdenum	98-1	28938	28429	29656	29008	2.13	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Nickel	60-1	3624	3537	3514	3558	1.63	cps
Phosphorus	31-1	19132	19272	20194	19533	2.96	cps
Potassium	39-1	7593231	7544390	7546768	7561463	0.36	cps
Rhodium	103-1	6923662	6974049	6807163	6901624	1.24	cps
Scandium	45-1	4028695	4013057	3968691	4003481	0.78	cps
Selenium	77-1	533	392	550	492	17.70	cps
Selenium	78-1						cps
Selenium	82-1	724	662	535	640	15.09	cps
Silicon	28-1	232073	230067	234926	232356	1.05	cps
Silver	107-1	9103	9228	9695	9342	3.34	cps
Silver	109-1	9345	9353	9428	9376	0.49	cps
Sodium	23-1	5968113	5921614	6030466	5973398	0.91	cps
Strontium	86-1	3792	4034	3651	3826	5.07	cps
Strontium	88-1	19372	19689	20607	19889	3.23	cps
Sulfur	34-1	422073	423885	421246	422401	0.32	cps
Terbium	159-1	11102521	11107553	11036238	11082104	0.36	cps
Thallium	203-1	11113	11380	11689	11394	2.53	cps
Thallium	205-1	26652	26660	26861	26724	0.44	cps
Thorium	232-1	250	317	278	281	11.90	cps
Tin	118-1	32204	32847	32329	32460	1.05	cps
Titanium	47-1	4442	4467	4417	4442	0.56	cps
Uranium	238-1	31313	31547	32307	31723	1.64	cps
Vanadium	51-1	61842	63289	63862	62998	1.65	cps
Yttrium	89-1	11542500	11534871	11431745	11503039	0.54	cps
Zinc	66-1	5801	5848	5975	5875	1.53	cps
Zirconium	90-1	11880	11889	11939	11902	0.26	cps
Zirconium	91-1	2717	2625	2559	2634	3.02	cps

LB Number :	LB115543	Operator :	JASWAL
Lab Sample ID :	M3035-04	Instrumnet Name :	P7
Client Sample ID :	PT-TM-WS	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 15:18:11	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	7606559	7520680	7604801	7577347	0.65	cps
Antimony	121-1	223165	223528	221418	222704	0.51	cps
Arsenic	75-1	61823	61561	62183	61856	0.50	cps
Barium	135-1	1859755	1851951	1851651	1854452	0.25	cps
Barium	137-1	3241036	3235257	3217372	3231221	0.38	cps
Beryllium	9-1	12661	12472	12461	12531	0.90	cps
Bismuth	209-1	7890552	8015211	7809433	7905066	1.31	cps
Boron	10-1	186036	199742	204251	196676	4.82	cps
Boron	11-1	884811	943953	961457	930074	4.32	cps
Bromine	81-1	6643	6702	6302	6549	3.30	cps
Cadmium	111-1	27817	28106	28618	28180	1.44	cps
Cadmium	106-1	6427	6468	6702	6532	2.27	cps
Cadmium	108-1	1629	1842	1654	1708	6.80	cps
Calcium	43-1	225	208	233	222	5.73	cps
Calcium	44-1	7244	7044	7627	7305	4.06	cps
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	1985895	1977040	1963140	1975358	0.58	cps
Cobalt	59-1	861	1041	931	944	9.62	cps
Copper	63-1	6881798	6859326	6806388	6849171	0.57	cps
Dysprosium	156-1	8	25	8	14	69.31	cps
Erbium	164-1	117	33	67	72	58.08	cps
Gadolinium	160-1	58	108	50	72	43.69	cps
Holmium	165-1	10887318	10902701	10917189	10902403	0.14	cps
Indium	115-1	7626666	7507875	7536202	7556914	0.82	cps
Iron	56-1	14917449	14773886	14750985	14814107	0.61	cps
Iron	57-1	331323	333817	331720	332287	0.40	cps
Iron	54-1						cps
Krypton	83-1	1100	1100	1137	1112	1.90	cps
Lead	206-1	566645	561598	557415	561886	0.82	cps
Lead	207-1	492329	495215	492720	493421	0.32	cps
Lead	208-1	2264373	2256953	2249767	2257031	0.32	cps
Lithium	6-1	2004947	2006500	1980666	1997371	0.73	cps
Magnesium	24-1	10545	10645	9773	10321	4.62	cps
Manganese	55-1	13253718	13176396	13151220	13193778	0.40	cps
Molybdenum	94-1	54362	55416	56755	55511	2.16	cps

LB Number :	LB115543	Operator :	JASWAL
Lab Sample ID :	M3035-04	Instrumnet Name :	P7
Client Sample ID :	PT-TM-WS	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 15:18:11	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	98428	97262	95450	97047	1.55	cps
Molybdenum	96-1	102935	104413	104933	104093	1.00	cps
Molybdenum	97-1	60369	60863	59298	60177	1.33	cps
Molybdenum	98-1	160882	157544	157856	158760	1.16	cps
Neodymium	150-1	233	167	167	189	20.38	cps
Nickel	60-1	752936	756469	748953	752786	0.50	cps
Phosphorus	31-1	19483	19523	19422	19476	0.26	cps
Potassium	39-1	2996481	2947788	2966190	2970153	0.83	cps
Rhodium	103-1	6836998	6818204	6863118	6839440	0.33	cps
Scandium	45-1	4016505	4003282	3963948	3994578	0.68	cps
Selenium	77-1	1867	1842	1900	1870	1.57	cps
Selenium	78-1						cps
Selenium	82-1	2510	2231	2275	2339	6.42	cps
Silicon	28-1	480124	474261	473779	476055	0.74	cps
Silver	107-1	1591930	1612331	1608424	1604228	0.67	cps
Silver	109-1	1551814	1543943	1546073	1547276	0.26	cps
Sodium	23-1	653594	649701	644622	649305	0.69	cps
Strontium	86-1	1784	1608	1700	1697	5.16	cps
Strontium	88-1	850	658	567	692	20.90	cps
Sulfur	34-1	415746	408704	401219	408557	1.78	cps
Terbium	159-1	11066657	11057794	11071482	11065311	0.06	cps
Thallium	203-1	55625	54846	55081	55184	0.72	cps
Thallium	205-1	133125	132225	127431	130927	2.34	cps
Thorium	232-1	278	189	189	219	23.49	cps
Tin	118-1	783	558	558	633	20.51	cps
Titanium	47-1	150	117	133	133	12.50	cps
Uranium	238-1	67	67	42	58	24.74	cps
Vanadium	51-1	5176060	5209781	5104464	5163435	1.04	cps
Yttrium	89-1	11465522	11438412	11457372	11453769	0.12	cps
Zinc	66-1	2820093	2834299	2823128	2825840	0.26	cps
Zirconium	90-1	1483	1200	1083	1256	16.38	cps
Zirconium	91-1	308	275	425	336	23.43	cps

LB Number :	LB115543	Operator :	JASWAL
Lab Sample ID :	M3035-04RE	Instrumnet Name :	P7
Client Sample ID :	PT-TM-WSRE	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 15:20:44	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	7616688	7703616	7581613	7633973	0.82	cps
Antimony	121-1	219278	224854	222842	222325	1.27	cps
Arsenic	75-1	61530	64750	62735	63005	2.58	cps
Barium	135-1	1834520	1867199	1830976	1844232	1.08	cps
Barium	137-1	3222643	3253224	3211877	3229248	0.66	cps
Beryllium	9-1	13078	12750	12544	12791	2.10	cps
Bismuth	209-1	7908997	7876310	7788135	7857814	0.80	cps
Boron	10-1	192593	203432	209749	201925	4.30	cps
Boron	11-1	924226	970501	988402	961043	3.45	cps
Bromine	81-1	6435	5951	6318	6235	4.05	cps
Cadmium	111-1	27708	28364	27171	27747	2.15	cps
Cadmium	106-1	6327	6760	6210	6432	4.51	cps
Cadmium	108-1	1763	1754	1858	1792	3.23	cps
Calcium	43-1	183	175	167	175	4.76	cps
Calcium	44-1	7377	7719	7077	7391	4.35	cps
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	1967217	1998425	1960982	1975541	1.02	cps
Cobalt	59-1	1051	1171	1191	1138	6.66	cps
Copper	63-1	6821345	6913689	6659364	6798133	1.89	cps
Dysprosium	156-1	8	17	33	19	65.47	cps
Erbium	164-1	25	92	83	67	54.49	cps
Gadolinium	160-1	100	83	17	67	66.14	cps
Holmium	165-1	10902930	10921917	10762683	10862510	0.80	cps
Indium	115-1	7511563	7568255	7274789	7451536	2.09	cps
Iron	56-1	14798629	14924003	14724109	14815580	0.68	cps
Iron	57-1	334413	336838	331986	334412	0.73	cps
Iron	54-1						cps
Krypton	83-1	997	907	990	964	5.20	cps
Lead	206-1	559817	563250	560060	561042	0.34	cps
Lead	207-1	487686	496042	500111	494613	1.28	cps
Lead	208-1	2248713	2275032	2267140	2263628	0.60	cps
Lithium	6-1	1970945	1973398	1971676	1972006	0.06	cps
Magnesium	24-1	9162	8591	8671	8808	3.51	cps
Manganese	55-1	13277608	13235205	13040201	13184338	0.96	cps
Molybdenum	94-1	55332	55592	53977	54967	1.58	cps

LB Number :	LB115543	Operator :	JASWAL
Lab Sample ID :	M3035-04RE	Instrumnet Name :	P7
Client Sample ID :	PT-TM-WSRE	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 15:20:44	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	96641	98387	96800	97276	0.99	cps
Molybdenum	96-1	103565	105110	103077	103918	1.02	cps
Molybdenum	97-1	60554	62093	60503	61050	1.48	cps
Molybdenum	98-1	158076	158759	154208	157014	1.56	cps
Neodymium	150-1	80	180	140	133	37.75	cps
Nickel	60-1	746319	766158	741582	751353	1.74	cps
Phosphorus	31-1	19763	20375	19653	19930	1.95	cps
Potassium	39-1	2953201	3054078	2899342	2968874	2.65	cps
Rhodium	103-1	6881578	6896054	6669204	6815612	1.86	cps
Scandium	45-1	3942277	4005737	3913299	3953771	1.20	cps
Selenium	77-1	1700	2092	1917	1903	10.31	cps
Selenium	78-1						cps
Selenium	82-1	2393	2465	2380	2412	1.92	cps
Silicon	28-1	473122	486487	469350	476320	1.89	cps
Silver	107-1	1600406	1613123	1596117	1603215	0.55	cps
Silver	109-1	1546019	1555193	1524985	1542066	1.00	cps
Sodium	23-1	639954	653186	641243	644795	1.13	cps
Strontium	86-1	1700	1658	1692	1683	1.31	cps
Strontium	88-1	625	633	708	656	7.00	cps
Sulfur	34-1	392519	398928	380291	390579	2.42	cps
Terbium	159-1	11065361	10982367	10943855	10997194	0.56	cps
Thallium	203-1	54688	54294	54981	54654	0.63	cps
Thallium	205-1	132192	130316	131713	131407	0.74	cps
Thorium	232-1	222	161	194	193	15.89	cps
Tin	118-1	508	558	642	569	11.83	cps
Titanium	47-1	67	75	100	81	21.53	cps
Uranium	238-1	58	83	25	56	52.68	cps
Vanadium	51-1	5094733	5223464	5105816	5141338	1.39	cps
Yttrium	89-1	11478858	11567312	11143803	11396657	1.96	cps
Zinc	66-1	2814259	2850727	2784756	2816580	1.17	cps
Zirconium	90-1	1458	1450	1283	1397	7.07	cps
Zirconium	91-1	283	308	342	311	9.41	cps

LB Number : LB115543 Operator : JASWAL
 Lab Sample ID : PB137921BL Instrumnet Name : P7
 Client Sample ID : PB137921BL Dilution Factor : 1
 Date & Time Acquired :: 2021-07-23 15:23:17 DataFile Name : 021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	6769	7119	6518	6802	4.44	cps
Antimony	121-1	258	342	392	331	20.38	cps
Arsenic	75-1	-2379	-2744	-2592	-2572	-7.13	cps
Barium	135-1	25	58	67	50	44.10	cps
Barium	137-1	158	150	58	122	45.40	cps
Beryllium	9-1	106	78	117	100	20.03	cps
Bismuth	209-1	7805051	7883491	7861027	7849856	0.51	cps
Boron	10-1	10370	9595	8853	9606	7.90	cps
Boron	11-1	50468	46397	42243	46369	8.87	cps
Bromine	81-1	6735	6185	6035	6318	5.84	cps
Cadmium	111-1	3356	3061	3049	3155	5.51	cps
Cadmium	106-1	4768	4334	4317	4473	5.71	cps
Cadmium	108-1	21	21	21	21	0.00	cps
Calcium	43-1	175	108	225	169	34.54	cps
Calcium	44-1	5776	6310	5785	5957	5.13	cps
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	12229	12559	12098	12295	1.93	cps
Cobalt	59-1	430	420	350	400	10.90	cps
Copper	63-1	2064	1973	1870	1969	4.91	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Erbium	164-1	58	67	75	67	12.50	cps
Gadolinium	160-1	100	75	100	92	15.75	cps
Holmium	165-1	10750903	10771700	10790382	10770995	0.18	cps
Indium	115-1	7536144	7354035	7397257	7429145	1.28	cps
Iron	56-1	2168082	2177412	2185681	2177058	0.40	cps
Iron	57-1	29590	29680	30743	30005	2.14	cps
Iron	54-1						cps
Krypton	83-1	990	1040	977	1002	3.33	cps
Lead	206-1	2906	2956	2773	2878	3.29	cps
Lead	207-1	2400	2289	2384	2358	2.54	cps
Lead	208-1	11224	10996	10924	11048	1.42	cps
Lithium	6-1	1971919	1966077	1962544	1966847	0.24	cps
Magnesium	24-1	7169	7039	6628	6945	4.06	cps
Manganese	55-1	4335	4535	4215	4362	3.71	cps
Molybdenum	94-1	233	342	358	311	21.82	cps

LB Number :	LB115543	Operator :	JASWAL
Lab Sample ID :	PB137921BL	Instrumnet Name :	P7
Client Sample ID :	PB137921BL	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 15:23:17	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	83	75	33	64	41.93	cps
Molybdenum	96-1	150	150	142	147	3.27	cps
Molybdenum	97-1	50	50	58	53	9.12	cps
Molybdenum	98-1	133	150	192	158	18.98	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Nickel	60-1	417	420	390	409	4.02	cps
Phosphorus	31-1	18911	19783	18921	19205	2.61	cps
Potassium	39-1	2918470	2929335	2902052	2916619	0.47	cps
Rhodium	103-1	6805604	6801068	6720763	6775812	0.70	cps
Scandium	45-1	3907501	3906727	3907594	3907274	0.01	cps
Selenium	77-1	42	33	33	36	13.33	cps
Selenium	78-1						cps
Selenium	82-1	17	97	107	74	66.58	cps
Silicon	28-1	183241	182586	179742	181857	1.02	cps
Silver	107-1	500	342	258	367	33.48	cps
Silver	109-1	483	383	333	400	19.09	cps
Sodium	23-1	360392	359144	355391	358309	0.73	cps
Strontium	86-1	1742	1700	1608	1683	4.05	cps
Strontium	88-1	200	192	183	192	4.35	cps
Sulfur	34-1	381941	382337	381183	381820	0.15	cps
Terbium	159-1	10887712	11027507	10977109	10964109	0.65	cps
Thallium	203-1	1617	1850	1508	1658	10.53	cps
Thallium	205-1	4176	4084	3876	4045	3.80	cps
Thorium	232-1	178	200	156	178	12.50	cps
Tin	118-1	508	475	492	492	3.39	cps
Titanium	47-1	58	42	92	64	39.85	cps
Uranium	238-1	33	25	67	42	52.92	cps
Vanadium	51-1	280	210	280	257	15.75	cps
Yttrium	89-1	11206777	11267567	11248999	11241115	0.28	cps
Zinc	66-1	1603	1577	1600	1593	0.91	cps
Zirconium	90-1	717	817	800	778	6.89	cps
Zirconium	91-1	142	117	108	122	14.19	cps

LB Number : LB115543 Operator : JASWAL
 Lab Sample ID : PB137921BS Instrumnet Name : P7
 Client Sample ID : PB137921BS Dilution Factor : 1
 Date & Time Acquired :: 2021-07-23 15:25:51 DataFile Name : 022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	84199642	84328748	83259114	83929168	0.70	cps
Antimony	121-1	3742359	3738782	3731948	3737696	0.14	cps
Arsenic	75-1	705252	697319	692967	698513	0.89	cps
Barium	135-1	4401094	4447224	4423696	4424005	0.52	cps
Barium	137-1	7748931	7713610	7665163	7709235	0.55	cps
Beryllium	9-1	671647	662486	656742	663625	1.13	cps
Bismuth	209-1	7380478	7522080	7472549	7458369	0.96	cps
Boron	10-1	82557	84970	86195	84574	2.19	cps
Boron	11-1	390790	397792	408846	399143	2.28	cps
Bromine	81-1	6393	5593	5926	5971	6.73	cps
Cadmium	111-1	1012194	1001735	1001918	1005283	0.60	cps
Cadmium	106-1	113947	113408	113417	113591	0.27	cps
Cadmium	108-1	76885	75809	74636	75777	1.48	cps
Calcium	43-1	955346	956036	944463	951948	0.68	cps
Calcium	44-1	14258394	14287794	14023563	14189917	1.02	cps
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	5348246	5201710	5148449	5232801	1.98	cps
Cobalt	59-1	6183875	6089346	6057856	6110359	1.07	cps
Copper	63-1	32076331	31394145	31611786	31694088	1.10	cps
Dysprosium	156-1	250	300	233	261	13.29	cps
Erbium	164-1	100	108	125	111	11.46	cps
Gadolinium	160-1	375	317	300	331	11.91	cps
Holmium	165-1	10409503	10643445	10553963	10535637	1.12	cps
Indium	115-1	7046629	6965272	6923891	6978598	0.89	cps
Iron	56-1	322872131	318291180	315774593	318979301	1.13	cps
Iron	57-1	7890820	7691066	7630105	7737330	1.76	cps
Iron	54-1						cps
Krypton	83-1	903	923	990	939	4.83	cps
Lead	206-1	19626734	19884177	19755382	19755431	0.65	cps
Lead	207-1	17405328	17593753	17534372	17511151	0.55	cps
Lead	208-1	79145912	79920750	79559807	79542156	0.49	cps
Lithium	6-1	1865974	1859920	1821409	1849101	1.31	cps
Magnesium	24-1	392397994	388015642	384418805	388277480	1.03	cps
Manganese	55-1	78109394	77085650	77106576	77433874	0.76	cps
Molybdenum	94-1	7013910	6964688	6948104	6975567	0.49	cps

LB Number :	LB115543	Operator :	JASWAL
Lab Sample ID :	PB137921BS	Instrumnet Name :	P7
Client Sample ID :	PB137921BS	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 15:25:51	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	8688224	8563517	8507562	8586434	1.08	cps
Molybdenum	96-1	9621111	9528334	9531211	9560219	0.55	cps
Molybdenum	97-1	5450274	5408122	5398825	5419074	0.51	cps
Molybdenum	98-1	13937551	13771946	13792437	13833978	0.65	cps
Neodymium	150-1	300	413	353	356	15.95	cps
Nickel	60-1	1314790	1286491	1279919	1293733	1.43	cps
Phosphorus	31-1	3361755	3334351	3295221	3330442	1.00	cps
Potassium	39-1	230631669	230505703	228364206	229833859	0.55	cps
Rhodium	103-1	6255801	6250090	6075407	6193766	1.66	cps
Scandium	45-1	3687337	3670778	3627483	3661866	0.84	cps
Selenium	77-1	44778	43733	43624	44045	1.45	cps
Selenium	78-1						cps
Selenium	82-1	57727	57289	57630	57549	0.40	cps
Silicon	28-1	2340325	2431062	2465277	2412221	2.68	cps
Silver	107-1	4597618	4559202	4516677	4557832	0.89	cps
Silver	109-1	4416705	4358145	4370188	4381679	0.71	cps
Sodium	23-1	542411673	531891393	529534776	534612614	1.28	cps
Strontium	86-1	10483708	10463602	10410868	10452726	0.36	cps
Strontium	88-1	92354254	92349296	91439790	92047780	0.57	cps
Sulfur	34-1	702780	707266	690304	700117	1.26	cps
Terbium	159-1	10612798	10643292	10634110	10630066	0.15	cps
Thallium	203-1	4647894	4708567	4675144	4677201	0.65	cps
Thallium	205-1	11139111	11281448	11190334	11203631	0.64	cps
Thorium	232-1	17406225	17571455	17510482	17496054	0.48	cps
Tin	118-1	3116101	3096801	3110602	3107835	0.32	cps
Titanium	47-1	2118135	2093297	2075872	2095768	1.01	cps
Uranium	238-1	16908384	17012152	17040094	16986877	0.41	cps
Vanadium	51-1	5923422	5839576	5780378	5847792	1.23	cps
Yttrium	89-1	10760608	10817143	10750582	10776111	0.33	cps
Zinc	66-1	9101432	8872051	8942639	8972041	1.31	cps
Zirconium	90-1	5597157	5587810	5564517	5583161	0.30	cps
Zirconium	91-1	1265276	1252685	1253675	1257212	0.56	cps

LB Number :	LB115543	Operator :	JASWAL
Lab Sample ID :	CCV39	Instrumnet Name :	P7
Client Sample ID :	CCV39	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 15:28:23	DataFile Name :	023CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	422217583	415953339	427307352	421826091	1.35	cps
Antimony	121-1	3637486	3571315	3624925	3611242	0.97	cps
Arsenic	75-1	668885	660199	667225	665436	0.69	cps
Barium	135-1	4337884	4299593	4335627	4324368	0.50	cps
Barium	137-1	7682080	7702451	7785823	7723452	0.71	cps
Beryllium	9-1	645689	640294	642663	642882	0.42	cps
Bismuth	209-1	7004447	7329227	6947833	7093836	2.90	cps
Boron	10-1	82943	85884	86790	85205	2.36	cps
Boron	11-1	392461	410182	412640	405094	2.72	cps
Bromine	81-1	5201	5793	5893	5629	6.64	cps
Cadmium	111-1	945813	945730	942223	944589	0.22	cps
Cadmium	106-1	107404	109479	109655	108846	1.15	cps
Cadmium	108-1	72701	71889	72220	72270	0.57	cps
Calcium	43-1	4628791	4592770	4617634	4613065	0.40	cps
Calcium	44-1	71001843	70980545	71169720	71050703	0.15	cps
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	5057358	4993013	5307878	5119416	3.25	cps
Cobalt	59-1	6012553	5894659	6044157	5983790	1.32	cps
Copper	63-1	30212516	29939921	30080165	30077534	0.45	cps
Dysprosium	156-1	1142	1283	1333	1253	7.94	cps
Erbium	164-1	292	200	275	256	19.11	cps
Gadolinium	160-1	1275	1408	1283	1322	5.65	cps
Holmium	165-1	10490388	10755459	10800333	10682060	1.57	cps
Indium	115-1	6871500	6933054	7003253	6935935	0.95	cps
Iron	56-1	1565319544	1534701568	1575798583	1558606565	1.37	cps
Iron	57-1	37953032	37437277	37992064	37794124	0.82	cps
Iron	54-1						cps
Krypton	83-1	1023	970	1080	1024	5.37	cps
Lead	206-1	18770371	19203743	19080266	19018127	1.17	cps
Lead	207-1	16947705	17137953	17099729	17061796	0.59	cps
Lead	208-1	76596434	77317664	77976606	77296902	0.89	cps
Lithium	6-1	1792724	1792815	1781414	1788984	0.37	cps
Magnesium	24-1	1905846820	1889650744	1941766818	1912421461	1.39	cps
Manganese	55-1	76031669	75441419	76798388	76090492	0.89	cps
Molybdenum	94-1	6882551	6958522	6927885	6922986	0.55	cps

LB Number :	LB115543	Operator :	JASWAL
Lab Sample ID :	CCV39	Instrumnet Name :	P7
Client Sample ID :	CCV39	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 15:28:23	DataFile Name :	023CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	8561498	8570757	8642894	8591716	0.52	cps
Molybdenum	96-1	9521691	9464941	9620158	9535596	0.82	cps
Molybdenum	97-1	5348012	5288224	5337072	5324436	0.60	cps
Molybdenum	98-1	13949334	13682476	13908871	13846894	1.04	cps
Neodymium	150-1	333	387	433	384	13.02	cps
Nickel	60-1	1227913	1205679	1222337	1218643	0.95	cps
Phosphorus	31-1	3280561	3248039	3261490	3263364	0.50	cps
Potassium	39-1	1146368008	1121139540	1150690009	1139399186	1.40	cps
Rhodium	103-1	5864132	5816459	5819235	5833275	0.46	cps
Scandium	45-1	3649463	3603619	3616435	3623172	0.65	cps
Selenium	77-1	41192	41410	41426	41343	0.32	cps
Selenium	78-1						cps
Selenium	82-1	54077	54365	54148	54196	0.28	cps
Silicon	28-1	2519160	2634941	2715021	2623040	3.75	cps
Silver	107-1	4269717	4263722	4258244	4263894	0.13	cps
Silver	109-1	4109908	4083868	4121355	4105044	0.47	cps
Sodium	23-1	2657799065	2599321230	2636706934	2631275743	1.13	cps
Strontium	86-1	10445677	10360529	10529801	10445336	0.81	cps
Strontium	88-1	91323396	90050308	92829537	91401081	1.52	cps
Sulfur	34-1	701534	693550	705133	700073	0.85	cps
Terbium	159-1	10585308	10688976	10871357	10715214	1.35	cps
Thallium	203-1	4423256	4509039	4509100	4480465	1.11	cps
Thallium	205-1	10806538	10812626	11053425	10890863	1.29	cps
Thorium	232-1	17381258	17650204	17526157	17519206	0.77	cps
Tin	118-1	2994769	3014709	3023601	3011026	0.49	cps
Titanium	47-1	2070460	2025914	2046686	2047687	1.09	cps
Uranium	238-1	16758289	17146272	17007394	16970652	1.16	cps
Vanadium	51-1	5859904	5786948	5902725	5849859	1.00	cps
Yttrium	89-1	10875944	10731851	10959069	10855621	1.06	cps
Zinc	66-1	8457968	8458551	8552969	8489829	0.64	cps
Zirconium	90-1	5659420	5464152	5670797	5598123	2.08	cps
Zirconium	91-1	1232449	1236751	1223735	1230978	0.54	cps

LB Number : LB115543 Operator : JASWAL
 Lab Sample ID : CCB39 Instrumnet Name : P7
 Client Sample ID : CCB39 Dilution Factor : 1
 Date & Time Acquired :: 2021-07-23 15:43:12 DataFile Name : 024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	13119	12578	13199	12966	2.61	cps
Antimony	121-1	617	500	408	508	20.54	cps
Arsenic	75-1	-2239	-2346	-2287	-2290	-2.34	cps
Barium	135-1	42	100	58	67	45.06	cps
Barium	137-1	125	92	158	125	26.67	cps
Beryllium	9-1	100	122	150	124	20.19	cps
Bismuth	209-1	7646746	7825470	7637911	7703375	1.37	cps
Boron	10-1	1875	1850	2075	1934	6.38	cps
Boron	11-1	9136	9745	9603	9495	3.35	cps
Bromine	81-1	6360	6818	6460	6546	3.68	cps
Cadmium	111-1	3248	3254	3001	3168	4.57	cps
Cadmium	106-1	4643	4609	4267	4506	4.61	cps
Cadmium	108-1	50	38	58	49	21.57	cps
Calcium	43-1	200	217	200	206	4.68	cps
Calcium	44-1	7519	7669	7260	7483	2.76	cps
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	13023	13106	13193	13107	0.65	cps
Cobalt	59-1	601	681	521	601	13.33	cps
Copper	63-1	2370	2380	2390	2380	0.42	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Erbium	164-1	92	50	117	86	39.11	cps
Gadolinium	160-1	42	67	33	47	36.74	cps
Holmium	165-1	10487014	10574170	10413507	10491563	0.77	cps
Indium	115-1	7260903	7408871	7162092	7277289	1.71	cps
Iron	56-1	2206883	2230810	2212553	2216749	0.56	cps
Iron	57-1	32118	31536	31686	31780	0.95	cps
Iron	54-1						cps
Krypton	83-1	1010	960	1040	1003	4.03	cps
Lead	206-1	2995	2889	2895	2926	2.03	cps
Lead	207-1	2317	2339	2278	2311	1.34	cps
Lead	208-1	11291	11102	11641	11345	2.41	cps
Lithium	6-1	1923253	1965919	1928746	1939306	1.20	cps
Magnesium	24-1	31134	30873	31275	31094	0.66	cps
Manganese	55-1	6208	6148	6178	6178	0.49	cps
Molybdenum	94-1	450	542	617	536	15.57	cps

LB Number : LB115543 Operator : JASWAL
 Lab Sample ID : CCB39 Instrumnet Name : P7
 Client Sample ID : CCB39 Dilution Factor : 1
 Date & Time Acquired :: 2021-07-23 15:43:12 DataFile Name : 024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	308	300	125	244	42.35	cps
Molybdenum	96-1	333	408	417	386	11.89	cps
Molybdenum	97-1	192	133	133	153	22.04	cps
Molybdenum	98-1	492	408	458	453	9.26	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Nickel	60-1	460	543	467	490	9.45	cps
Phosphorus	31-1	21427	22891	22350	22223	3.33	cps
Potassium	39-1	3041014	3074129	3064585	3059909	0.56	cps
Rhodium	103-1	6516725	6704237	6574088	6598350	1.46	cps
Scandium	45-1	3817363	3847125	3790313	3818267	0.74	cps
Selenium	77-1	50	42	58	50	16.66	cps
Selenium	78-1						cps
Selenium	82-1	-61	38	-29	-17	-288.99	cps
Silicon	28-1	183944	186877	190525	187115	1.76	cps
Silver	107-1	183	225	225	211	11.40	cps
Silver	109-1	158	158	125	147	13.07	cps
Sodium	23-1	489685	492858	494678	492407	0.51	cps
Strontium	86-1	1834	1850	1934	1872	2.86	cps
Strontium	88-1	1725	1542	1592	1620	5.85	cps
Sulfur	34-1	436235	442997	442311	440514	0.84	cps
Terbium	159-1	10622262	10865536	10574023	10687274	1.46	cps
Thallium	203-1	1233	1067	1025	1108	9.95	cps
Thallium	205-1	2775	2142	2717	2545	13.76	cps
Thorium	232-1	622	694	561	626	10.66	cps
Tin	118-1	1517	1675	1625	1606	5.04	cps
Titanium	47-1	50	92	142	94	48.60	cps
Uranium	238-1	192	208	200	200	4.17	cps
Vanadium	51-1	250	170	280	234	24.37	cps
Yttrium	89-1	11036552	11335384	10931893	11101276	1.89	cps
Zinc	66-1	2350	2317	2334	2334	0.71	cps
Zirconium	90-1	1092	1175	1142	1136	3.69	cps
Zirconium	91-1	233	208	200	214	8.11	cps