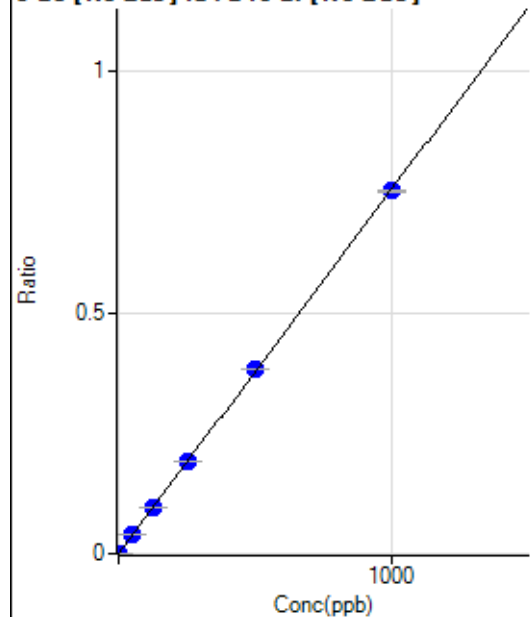


Batch Folder: C:\Agilent\ICPMH\1\DATA\P7112520MS.b\
Analysis File: P7112520MS.batch.bin
DA Date-Time: 2020-11-25 15:59:20
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2020-11-25 12:01:14
2	004CALS.d	S02	2020-11-25 12:04:47
3	005CALS.d	S03	2020-11-25 12:08:19
4	006CALS.d	S04	2020-11-25 12:11:49
5	007CALS.d	S05	2020-11-25 12:15:20
6	008CALS.d	S06	2020-11-25 12:18:48
7	009CALS.d	S07	2020-11-25 12:22:10
8	010CALS.d	S08	2020-11-25 12:25:29

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	35.19	0.0000	P	59.8
2	☐	1.000	0.937	1779.76	0.0007	P	3.4
3	☐	50.000	52.136	98699.45	0.0394	P	1.3
4	☐	125.000	128.454	241649.91	0.0971	P	0.6
5	☐	250.000	252.778	472773.77	0.1910	P	0.6
6	☐	500.000	505.291	933918.90	0.3819	P	0.4
7	☐	1000.000	996.121	1818614.93	0.7528	P	0.2
8	☐			301.86	0.0001	P	17.5

$$y = 7.5571\text{E-}004 * x + 1.4148\text{E-}005$$

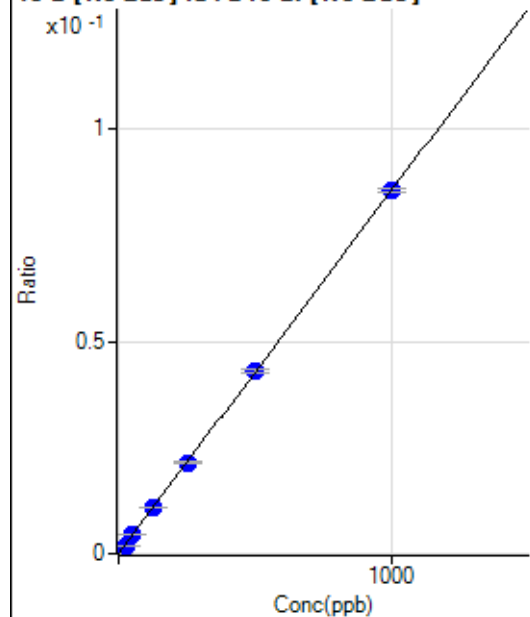
$$R = 1.0000$$

$$DL = 0.03361$$

$$BEC = 0.01872$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	100.00	0.0000	P	16.8
2	☐	25.000	22.392	4825.88	0.0020	P	1.5
3	☐	50.000	50.903	11012.56	0.0044	P	1.3
4	☐	125.000	127.021	27160.90	0.0109	P	1.7
5	☐	250.000	249.733	53006.99	0.0214	P	2.3
6	☐	500.000	502.462	105291.11	0.0431	P	1.6
7	☐	1000.000	998.603	206609.88	0.0855	P	1.2
8	☐			3967.30	0.0017	P	11.1

$$y = 8.5603\text{E-}005 * x + 4.0196\text{E-}005$$

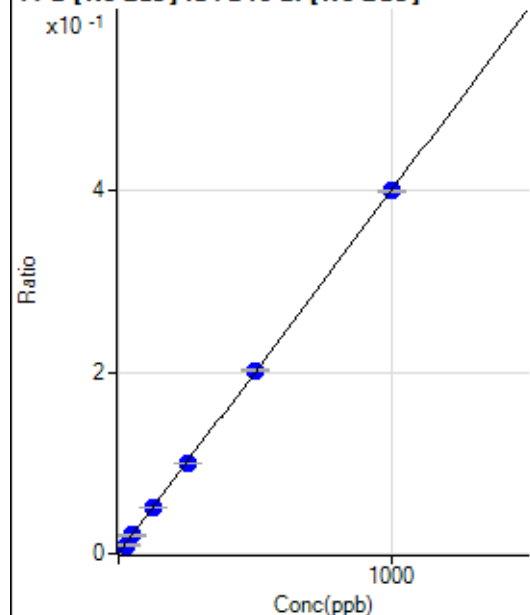
$$R = 1.0000$$

$$DL = 0.2362$$

$$BEC = 0.4696$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	794.49	0.0003	P	12.2
2	☐	25.000	23.004	23493.66	0.0095	P	1.5
3	☐	50.000	50.060	50969.61	0.0204	P	2.8
4	☐	125.000	126.624	126895.54	0.0510	P	2.3
5	☐	250.000	248.336	246731.28	0.0997	P	1.6
6	☐	500.000	503.991	494012.03	0.2020	P	1.7
7	☐	1000.000	998.264	965820.73	0.3998	P	0.3
8	☐			17421.45	0.0075	P	3.4

$$y = 4.0016\text{E-}004 * x + 3.1930\text{E-}004$$

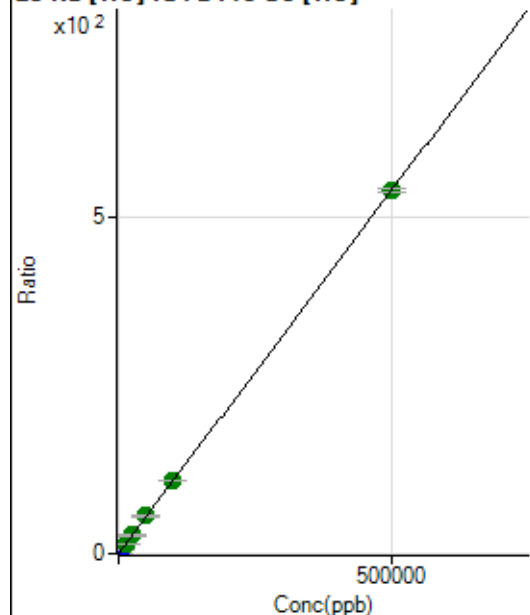
$$R = 1.0000$$

$$DL = 0.291$$

$$BEC = 0.7979$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	19059.72	0.0457	P	2.8
2	☐	500.000	477.867	232309.61	0.5601	P	0.6
3	☐	5000.000	5251.635	2401820.06	5.6990	P	0.6
4	☐	12500.000	12485.418	5575311.84	13.4860	A	0.4
5	☐	25000.000	25147.588	10842950.76	27.1167	A	1.0
6	☐	50000.000	51980.014	21550155.17	56.0014	A	3.8
7	☐	100000.00	101013.97	42047522.12	108.7857	A	0.9
8	☐	500000.00	499589.69	200180215.5	537.8466	A	1.2

$$y = 0.0011 * x + 0.0457$$

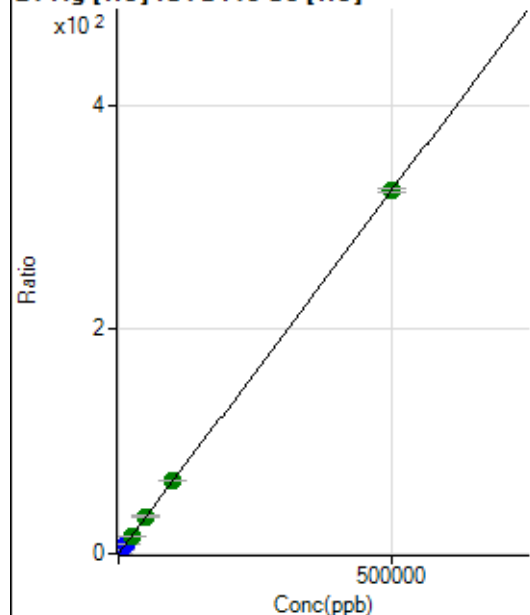
$$R = 1.0000$$

$$DL = 3.583$$

$$BEC = 42.41$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	155.56	0.0004	P	9.1
2	☐	500.000	460.793	123963.44	0.2989	P	0.9
3	☐	5000.000	5184.968	1415683.73	3.3591	P	0.5
4	☐	12500.000	12637.266	3384377.94	8.1865	P	1.6
5	☐	25000.000	24882.522	6445184.34	16.1187	A	0.4
6	☐	50000.000	51474.953	12829234.84	33.3447	A	4.5
7	☐	100000.00	99982.617	25033676.08	64.7668	A	0.7
8	☐	500000.00	499856.61	120512191.5	323.7959	A	1.2

$$y = 6.4778\text{E-}004 * x + 3.7290\text{E-}004$$

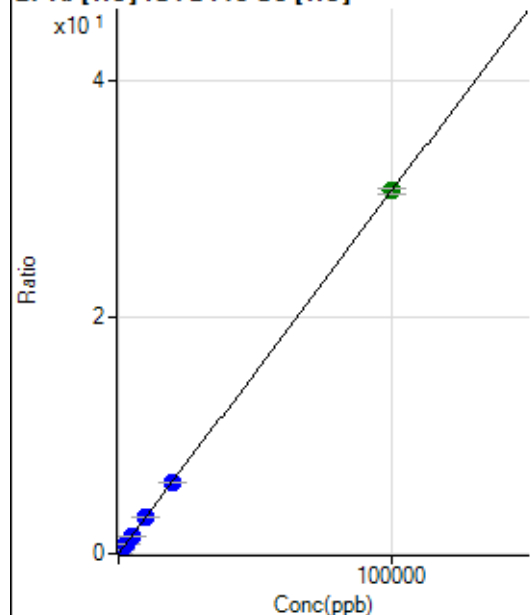
$$R = 1.0000$$

$$DL = 0.1576$$

$$BEC = 0.5757$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	105.56	0.0003	P	39.5
2	☐	20.000	19.323	2564.17	0.0062	P	5.5
3	☐	1000.000	1011.056	130833.39	0.3104	P	0.5
4	☐	2500.000	2483.120	315039.51	0.7621	P	2.1
5	☐	5000.000	4914.216	602965.37	1.5079	P	1.0
6	☐	10000.000	10132.349	1196395.52	3.1088	P	3.4
7	☐	20000.000	19667.804	2332346.84	6.0342	P	0.2
8	☐	100000.00	100057.80	11424978.73	30.6972	A	1.3

$$y = 3.0679\text{E-}004 * x + 2.5348\text{E-}004$$

$$R = 1.0000$$

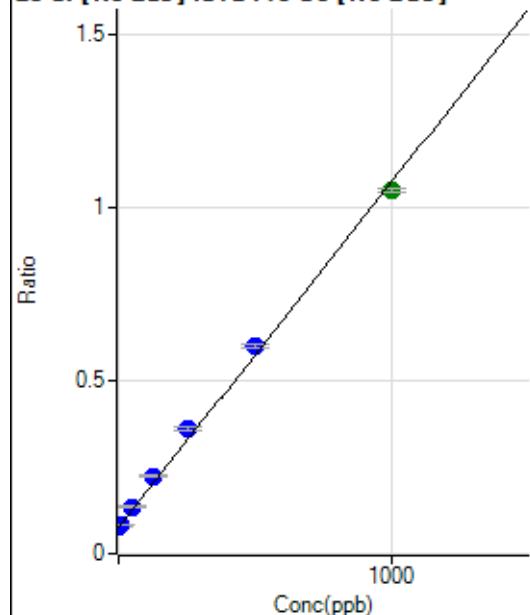
$$DL = 0.9794$$

$$BEC = 0.8262$$

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	425299.37	0.0756	P	0.9
2	☐	10.000	8.797	474863.58	0.0843	P	0.6
3	☐	50.000	60.184	784990.19	0.1356	P	2.2
4	☐	125.000	148.070	1278327.55	0.2231	P	2.4
5	☐	250.000	286.499	2020907.29	0.3611	P	3.4
6	☐	500.000	526.041	3263046.91	0.5998	P	2.2
7	☐	1000.000	974.474	5659711.24	1.0467	A	0.9
8	☐			590205.56	0.1134	P	0.9

$$y = 9.9658\text{E-}004 * x + 0.0756$$

$$R = 0.9986$$

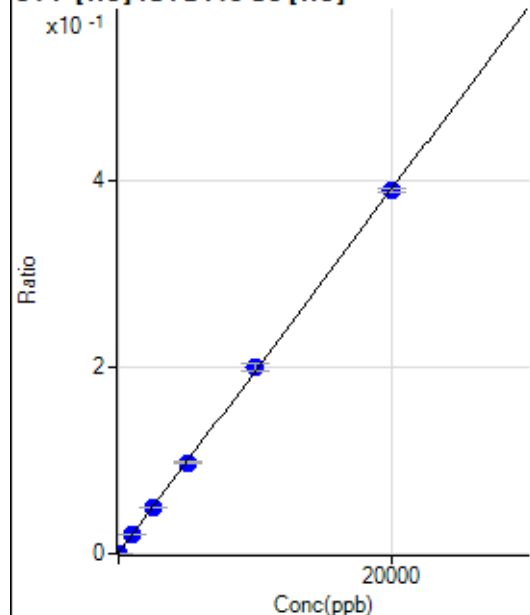
$$DL = 1.994$$

$$BEC = 75.84$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.563	316.68	0.0008	P	11.6
2	☐	0.000	-0.563	305.57	0.0007	P	20.3
3	☐	1000.000	1017.825	8658.28	0.0205	P	4.4
4	☐	2500.000	2511.222	20500.72	0.0496	P	0.4
5	☐	5000.000	4967.391	38931.89	0.0974	P	1.1
6	☐	10000.000	10188.433	76532.08	0.1989	P	4.3
7	☐	20000.000	19911.642	149974.28	0.3880	P	1.0
8	☐			369.46	0.0010	P	19.7

$$y = 1.9449\text{E-}005 * x + 7.4749\text{E-}004$$

$$R = 0.9999$$

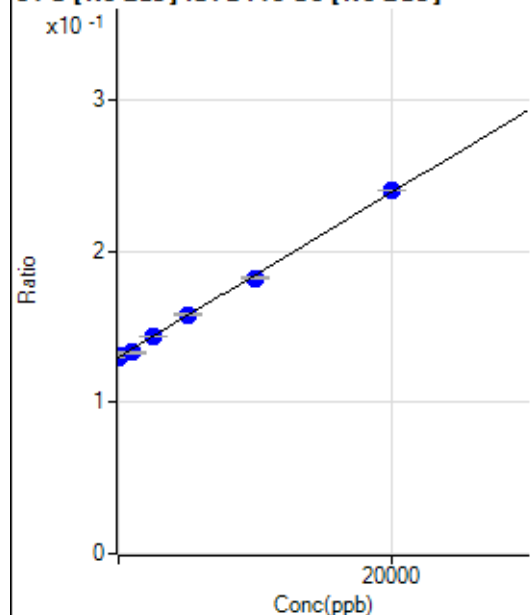
$$DL = 18.33$$

$$BEC = 38.43$$

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	-63.994	730254.57	0.1298	P	0.2
2	☐	0.000	63.994	734497.07	0.1305	P	1.0
3	☐	1000.000	543.424	770722.52	0.1331	P	0.2
4	☐	2500.000	2432.477	821405.51	0.1434	P	0.2
5	☐	5000.000	5181.652	886419.40	0.1584	P	1.3
6	☐	10000.000	9619.140	993198.79	0.1825	P	0.5
7	☐	20000.000	20176.286	1298188.83	0.2401	P	0.1
8	☐			630670.55	0.1212	P	1.0

$$y = 5.4507\text{E-}006 * x + 0.1301$$

$$R = 0.9995$$

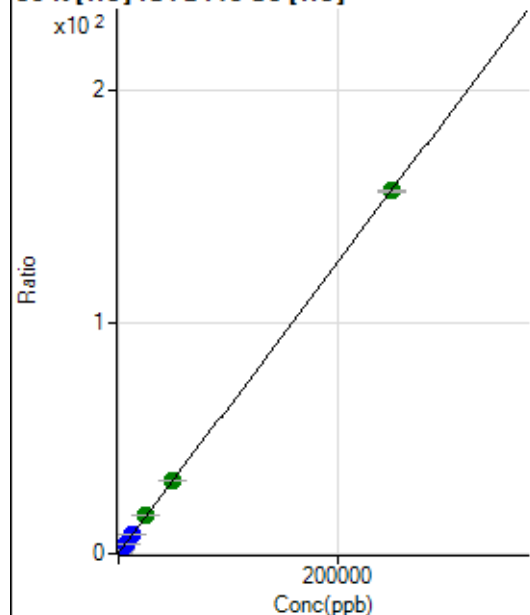
$$DL = 439.7$$

$$BEC = 2.387\text{E}+04$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	88283.84	0.2115	P	2.4
2	☐	500.000	485.165	213761.77	0.5154	P	0.2
3	☐	2500.000	2702.542	802405.65	1.9039	P	0.5
4	☐	6250.000	6636.818	1805613.28	4.3676	P	0.7
5	☐	12500.000	13303.377	3415709.02	8.5424	P	0.7
6	☐	25000.000	26172.315	6387821.37	16.6011	A	4.1
7	☐	50000.000	50498.792	12304911.91	31.8348	A	0.3
8	☐	250000.00	249731.17	58285796.44	156.5980	A	0.6

$$y = 6.2622\text{E-}004 * x + 0.2115$$

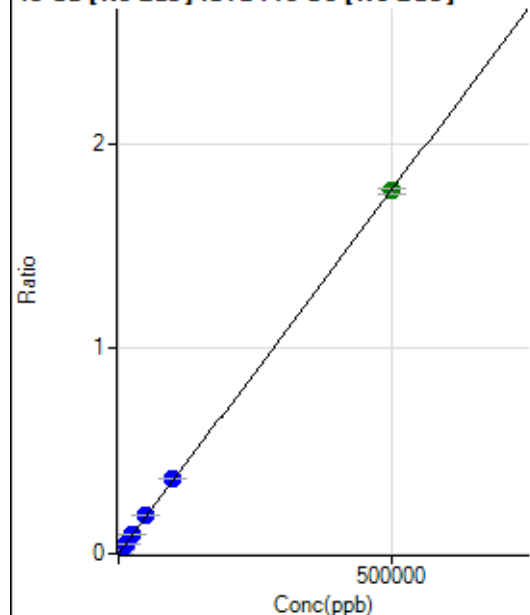
$$R = 1.0000$$

$$DL = 23.92$$

$$BEC = 337.8$$

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	202.79	0.0000	P	30.8
2	☐	500.000	471.148	9611.76	0.0017	P	2.3
3	☐	5000.000	5195.081	106945.23	0.0185	P	1.0
4	☐	12500.000	12889.054	262167.40	0.0458	P	0.7
5	☐	25000.000	26156.465	519595.19	0.0928	P	1.3
6	☐	50000.000	52068.650	1005184.95	0.1848	P	0.7
7	☐	100000.00	103236.27	1980437.61	0.3663	P	0.6
8	☐	500000.00	499076.40	9215587.19	1.7705	A	1.3

$$y = 3.5475\text{E-}006 * x + 3.6030\text{E-}005$$

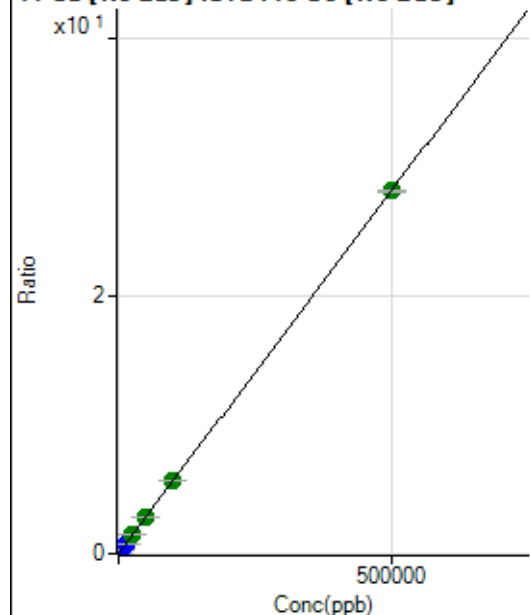
$$R = 1.0000$$

$$DL = 9.369$$

$$BEC = 10.16$$

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	25041.13	0.0044	P	1.6
2	☐	500.000	487.706	179664.36	0.0319	P	0.7
3	☐	5000.000	5262.151	1741698.72	0.3007	P	1.1
4	☐	12500.000	13003.217	4220203.57	0.7366	P	0.4
5	☐	25000.000	25271.258	7989835.77	1.4274	A	1.2
6	☐	50000.000	50494.787	15493332.81	2.8477	A	0.9
7	☐	100000.00	100113.43	30504517.35	5.6416	A	0.3
8	☐	500000.00	499899.08	146537853.2	28.1524	A	0.8

$$y = 5.6307\text{E-}005 * x + 0.0044$$

$$R = 1.0000$$

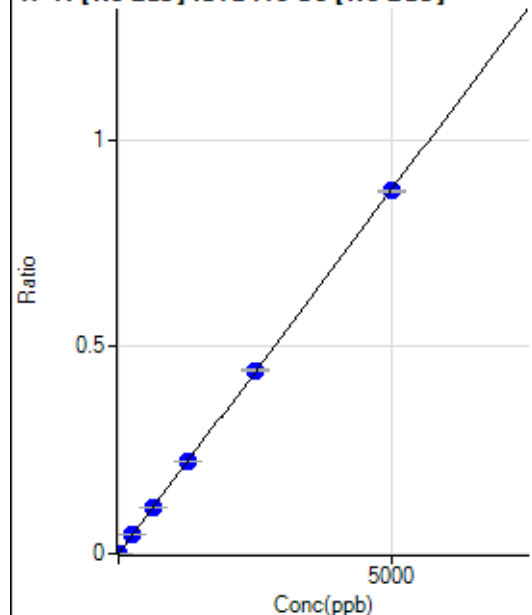
$$DL = 3.826$$

$$BEC = 79.03$$

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	136.11	0.0000	P	14.0
2	☐	5.000	4.835	4920.42	0.0009	P	1.0
3	☐	250.000	253.167	257786.78	0.0445	P	1.3
4	☐	625.000	630.287	634698.71	0.1108	P	0.9
5	☐	1250.000	1264.212	1243670.05	0.2222	P	1.2
6	☐	2500.000	2518.655	2408074.42	0.4426	P	1.4
7	☐	5000.000	4986.301	4738020.07	0.8763	P	0.6
8	☐			1108.41	0.0002	P	10.1

$$y = 1.7573\text{E-}004 * x + 2.4185\text{E-}005$$

$$R = 1.0000$$

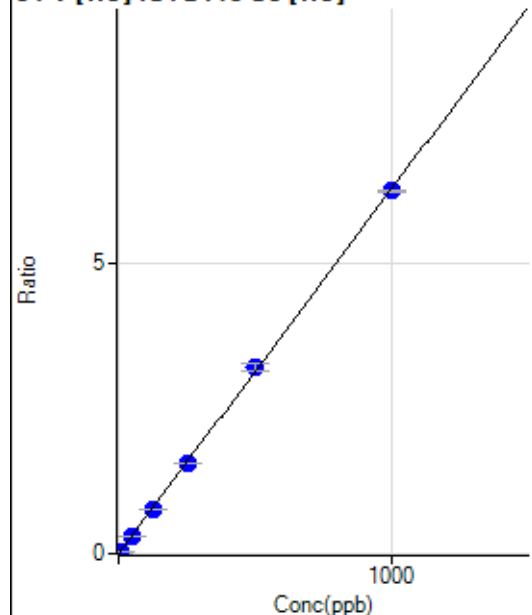
$$DL = 0.05783$$

$$BEC = 0.1376$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	14.44	0.0000	P	14.2
2	☐	5.000	4.607	12039.43	0.0290	P	1.7
3	☐	50.000	49.876	132298.60	0.3139	P	0.1
4	☐	125.000	122.886	319720.69	0.7734	P	0.5
5	☐	250.000	248.325	624899.56	1.5628	P	1.6
6	☐	500.000	511.025	1237534.11	3.2160	P	3.8
7	☐	1000.000	995.178	2420687.22	6.2628	P	0.8
8	☐			451.12	0.0012	P	12.6

$$y = 0.0063 * x + 3.4628\text{E-}005$$

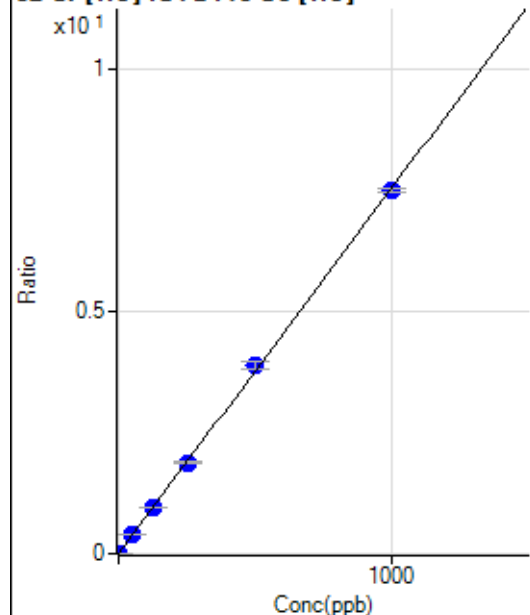
$$R = 0.9999$$

$$DL = 0.002337$$

$$BEC = 0.005502$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1024.49	0.0025	P	1.8
2	☐	2.000	1.833	6744.94	0.0163	P	1.9
3	☐	50.000	50.158	160223.45	0.3802	P	1.2
4	☐	125.000	124.308	388019.03	0.9386	P	0.4
5	☐	250.000	249.438	752092.20	1.8809	P	1.0
6	☐	500.000	514.378	1491544.63	3.8760	P	3.8
7	☐	1000.000	993.030	2891348.29	7.4806	P	1.2
8	☐			26205.55	0.0704	P	1.8

$$y = 0.0075 * x + 0.0025$$

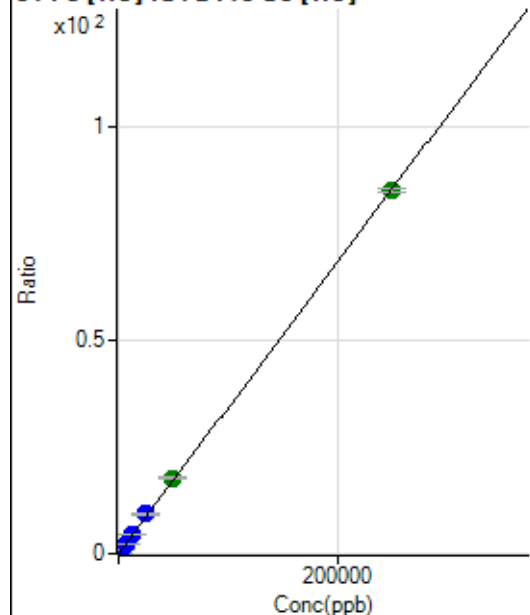
$$R = 0.9998$$

$$DL = 0.01803$$

$$BEC = 0.3259$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1111.19	0.0027	P	11.6
2	☐	50.000	51.688	8401.02	0.0203	P	1.5
3	☐	2500.000	2701.345	388559.03	0.9220	P	0.8
4	☐	6250.000	6602.778	930042.14	2.2497	P	1.1
5	☐	12500.000	13353.745	1818217.43	4.5471	P	1.5
6	☐	25000.000	27301.291	3576629.11	9.2936	P	3.5
7	☐	50000.000	52054.298	6848124.76	17.7174	A	0.6
8	☐	250000.00	249305.49	31578131.19	84.8444	A	1.1

$$y = 3.4031E-004 * x + 0.0027$$

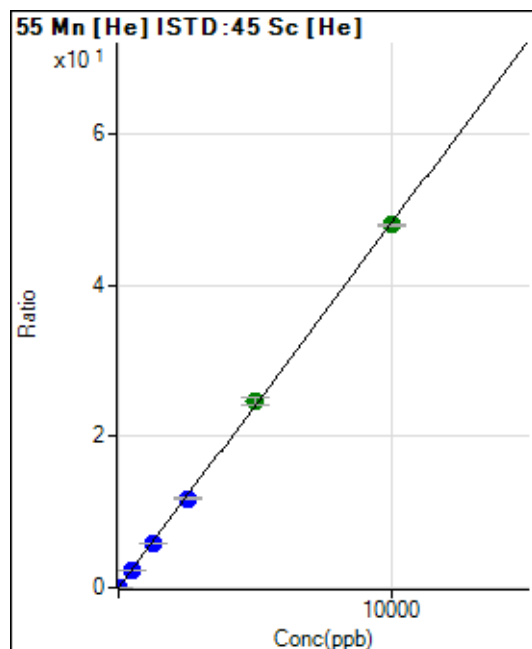
$$R = 0.9999$$

$$DL = 2.713$$

$$BEC = 7.828$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	90.00	0.0002	P	28.7
2	☐	1.000	0.864	1817.91	0.0044	P	5.8
3	☐	500.000	494.628	1006091.28	2.3872	P	0.5
4	☐	1250.000	1219.634	2433326.51	5.8860	P	0.1
5	☐	2500.000	2451.708	4731026.46	11.8318	P	0.6
6	☐	5000.000	5133.256	9532191.32	24.7725	A	4.2
7	☐	10000.000	9949.510	18558563.33	48.0149	A	0.8
8	☐			19031.30	0.0511	P	0.6

$$y = 0.0048 * x + 2.1522E-004$$

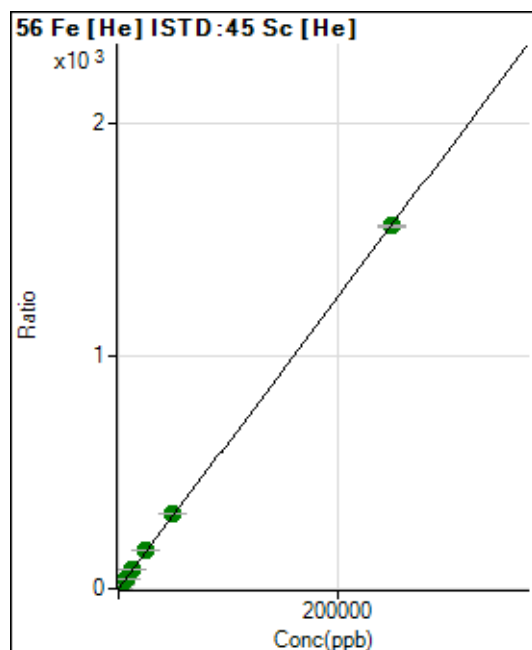
$$R = 0.9999$$

$$DL = 0.0384$$

$$BEC = 0.0446$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4810.14	0.0115	P	11.9
2	☐	50.000	48.180	129528.67	0.3123	P	1.7
3	☐	2500.000	2542.404	6693443.73	15.8819	A	1.1
4	☐	6250.000	6321.247	16317353.72	39.4703	A	0.8
5	☐	12500.000	12732.482	31785498.16	79.4909	A	0.9
6	☐	25000.000	26341.845	63282350.49	164.4439	A	3.6
7	☐	50000.000	51240.001	123632250.9	319.8645	A	1.0
8	☐	250000.00	249603.98	579932894.4	1558.102	A	0.4

$$y = 0.0062 * x + 0.0115$$

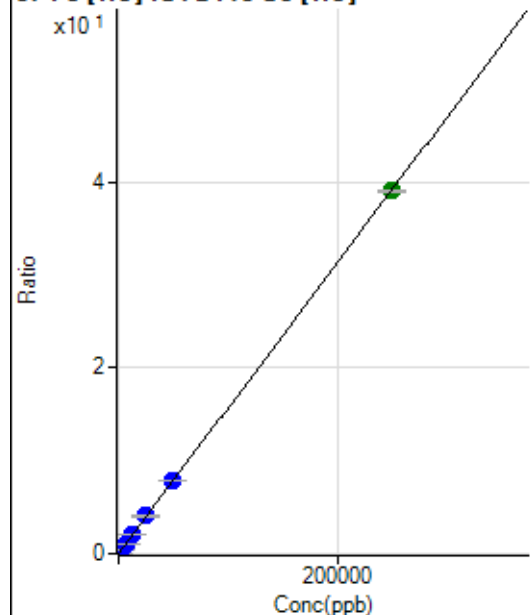
$$R = 1.0000$$

$$DL = 0.6599$$

$$BEC = 1.848$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	359.27	0.0009	P	7.7
2	☐	50.000	47.414	3428.23	0.0083	P	5.2
3	☐	2500.000	2555.236	168541.08	0.3999	P	0.2
4	☐	6250.000	6282.770	405979.19	0.9820	P	0.5
5	☐	12500.000	12705.630	793772.09	1.9851	P	1.0
6	☐	25000.000	26095.240	1568565.17	4.0761	P	3.7
7	☐	50000.000	50626.568	3056230.83	7.9071	P	0.9
8	☐	250000.00	249753.51	14517276.37	39.0045	A	0.8

$$y = 1.5617\text{E-}004 * x + 8.6093\text{E-}004$$

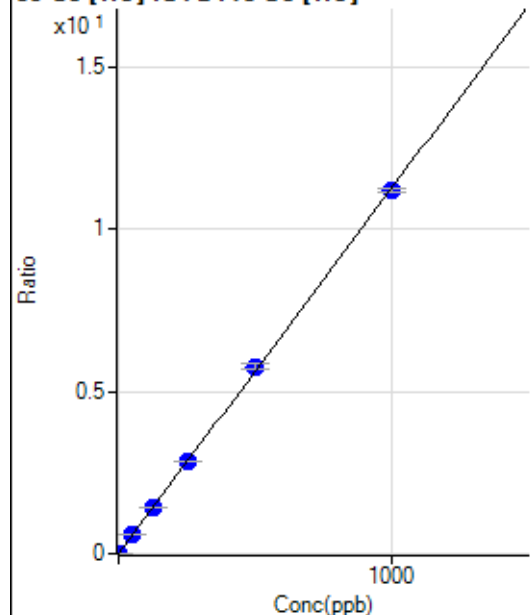
$$R = 1.0000$$

$$DL = 1.275$$

$$BEC = 5.513$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	133.34	0.0003	P	14.8
2	☐	1.000	0.920	4426.26	0.0107	P	2.7
3	☐	50.000	50.866	241462.52	0.5729	P	1.0
4	☐	125.000	125.257	583074.38	1.4104	P	0.7
5	☐	250.000	251.559	1132507.01	2.8322	P	1.2
6	☐	500.000	512.303	2219456.39	5.7675	P	3.7
7	☐	1000.000	993.383	4322501.12	11.1833	P	0.9
8	☐			8123.42	0.0218	P	1.9

$$y = 0.0113 * x + 3.1975\text{E-}004$$

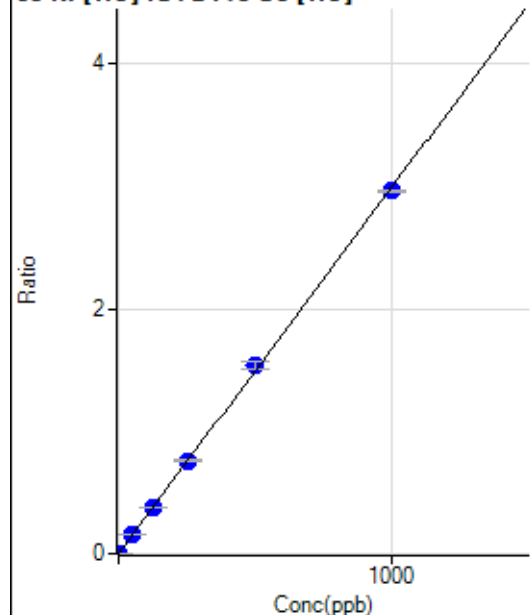
$$R = 0.9999$$

$$DL = 0.01265$$

$$BEC = 0.0284$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	36.67	0.0001	P	23.1
2	☐	1.000	0.908	1161.17	0.0028	P	4.6
3	☐	50.000	51.333	64648.17	0.1534	P	1.0
4	☐	125.000	125.734	155272.50	0.3756	P	0.8
5	☐	250.000	253.595	302879.57	0.7575	P	1.7
6	☐	500.000	515.126	592069.25	1.5385	P	3.6
7	☐	1000.000	991.380	1144430.07	2.9609	P	0.6
8	☐			7775.46	0.0209	P	3.0

$$y = 0.0030 * x + 8.7732E-005$$

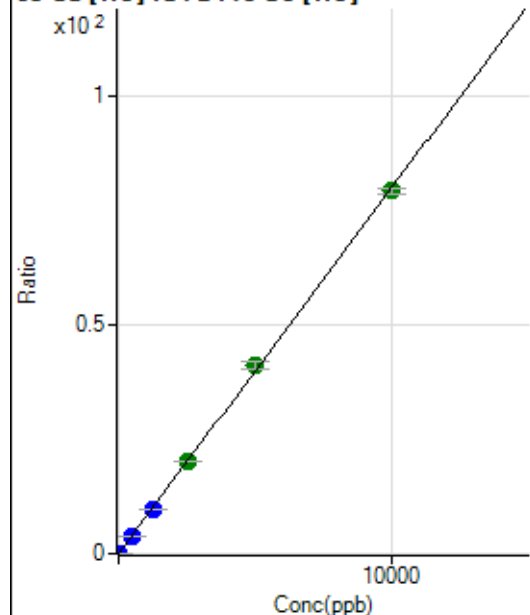
$$R = 0.9998$$

$$DL = 0.02038$$

$$BEC = 0.02938$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2789.19	0.0067	P	2.9
2	☐	2.000	1.671	8315.76	0.0200	P	1.9
3	☐	500.000	494.104	1668074.47	3.9580	P	0.3
4	☐	1250.000	1203.316	3980901.33	9.6294	P	0.8
5	☐	2500.000	2526.107	8080121.27	20.2076	A	0.2
6	☐	5000.000	5155.571	15869674.48	41.2350	A	3.3
7	☐	10000.000	9921.818	30669595.66	79.3499	A	1.3
8	☐			16670.70	0.0448	P	3.0

$$y = 0.0080 * x + 0.0067$$

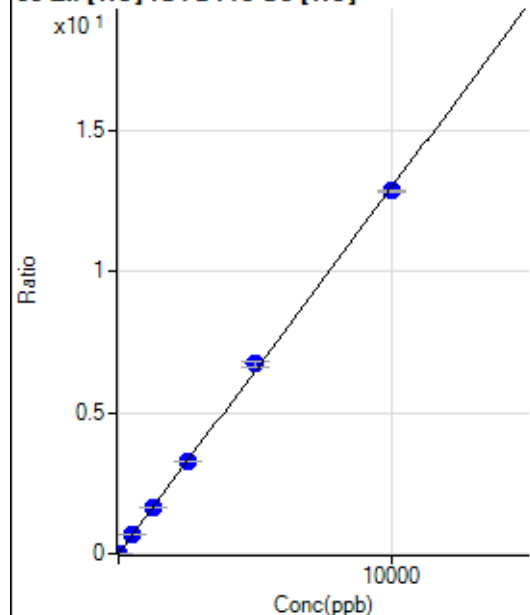
$$R = 0.9998$$

$$DL = 0.07254$$

$$BEC = 0.8356$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	223.34	0.0005	P	26.1
2	☐	2.000	1.761	1171.17	0.0028	P	4.9
3	☐	500.000	504.378	276391.67	0.6558	P	0.4
4	☐	1250.000	1247.305	670143.86	1.6210	P	0.9
5	☐	2500.000	2522.081	1310417.14	3.2772	P	1.2
6	☐	5000.000	5174.868	2587383.17	6.7236	P	3.7
7	☐	10000.000	9907.164	4975160.17	12.8717	P	0.6
8	☐			17914.41	0.0481	P	1.5

$$y = 0.0013 * x + 5.3548E-004$$

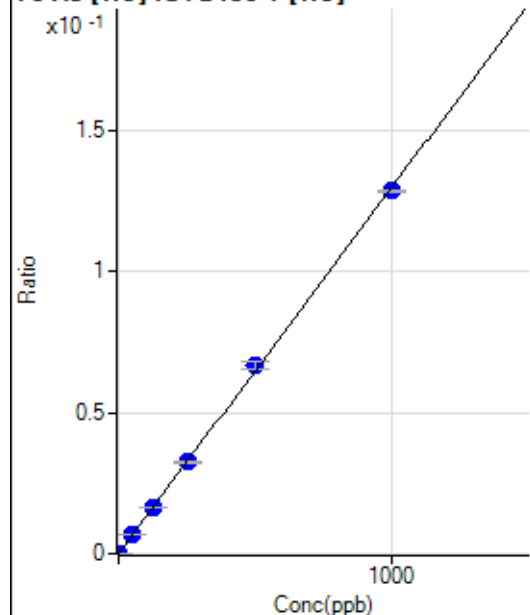
$$R = 0.9998$$

$$DL = 0.3224$$

$$BEC = 0.4122$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	9.26	0.0000	P	20.2
2	☐	1.000	0.959	370.38	0.0001	P	5.7
3	☐	50.000	50.570	19466.72	0.0066	P	1.0
4	☐	125.000	124.844	47278.80	0.0162	P	1.1
5	☐	250.000	250.167	92650.16	0.0325	P	1.4
6	☐	500.000	516.497	182882.70	0.0670	P	4.5
7	☐	1000.000	991.701	357741.84	0.1287	P	0.6
8	☐			182.72	0.0001	P	5.9

$$y = 1.2974E-004 * x + 3.1797E-006$$

$$R = 0.9998$$

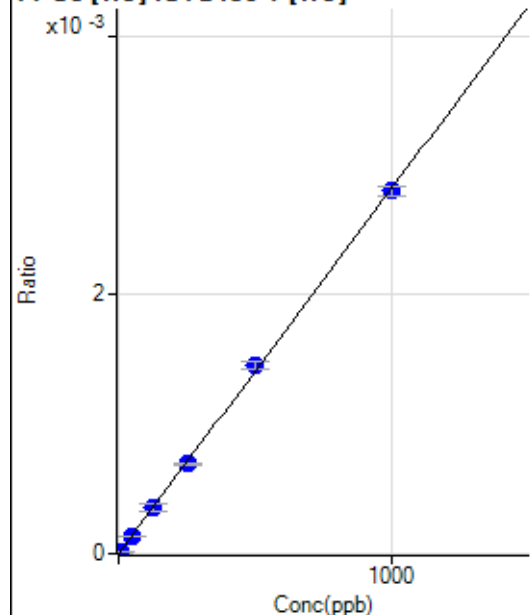
$$DL = 0.01487$$

$$BEC = 0.02451$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2.22	0.0000	P	86.6
2	☐	5.000	2.989	26.67	0.0000	P	12.5
3	☐	50.000	46.797	393.34	0.0001	P	5.6
4	☐	125.000	126.363	1041.16	0.0004	P	13.6
5	☐	250.000	245.168	1974.60	0.0007	P	2.3
6	☐	500.000	514.744	3963.92	0.0015	P	3.8
7	☐	1000.000	993.836	7791.04	0.0028	P	2.6
8	☐			2.22	0.0000	P	173.2

$$y = 2.8186\text{E-}006 * x + 7.6028\text{E-}007$$

$$R = 0.9998$$

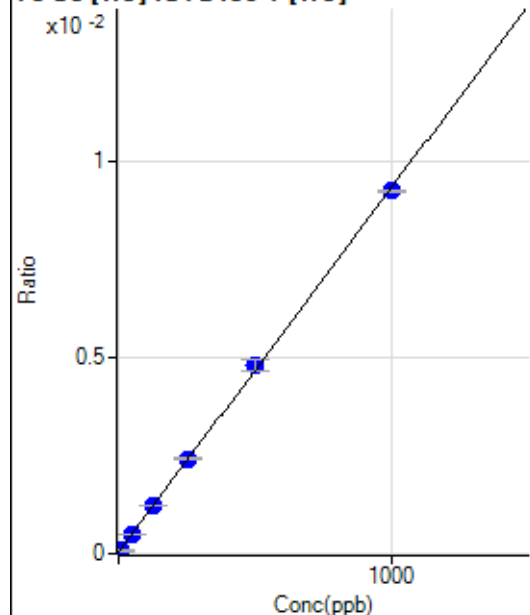
$$DL = 0.7008$$

$$BEC = 0.2697$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	110.50	0.0000	P	12.6
2	☐	5.000	4.030	219.14	0.0001	P	15.9
3	☐	50.000	48.767	1457.49	0.0005	P	3.1
4	☐	125.000	127.557	3572.68	0.0012	P	2.5
5	☐	250.000	256.801	6925.13	0.0024	P	0.9
6	☐	500.000	513.682	13135.61	0.0048	P	5.9
7	☐	1000.000	991.205	25736.95	0.0093	P	0.8
8	☐			84.57	0.0000	P	15.8

$$y = 9.2999\text{E-}006 * x + 3.7923\text{E-}005$$

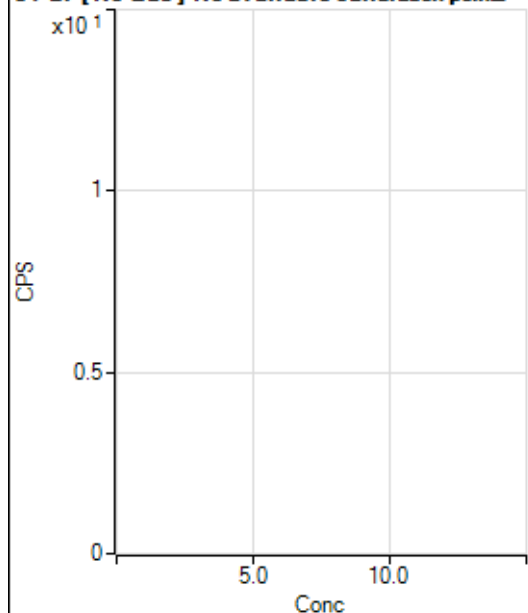
$$R = 0.9998$$

$$DL = 1.538$$

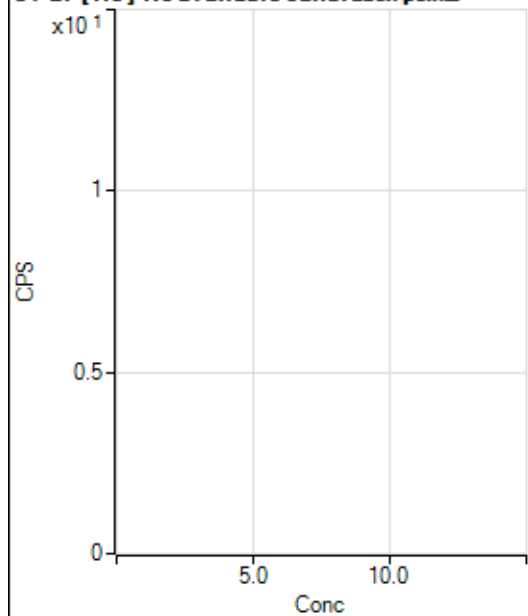
$$BEC = 4.078$$

Weight: <None>

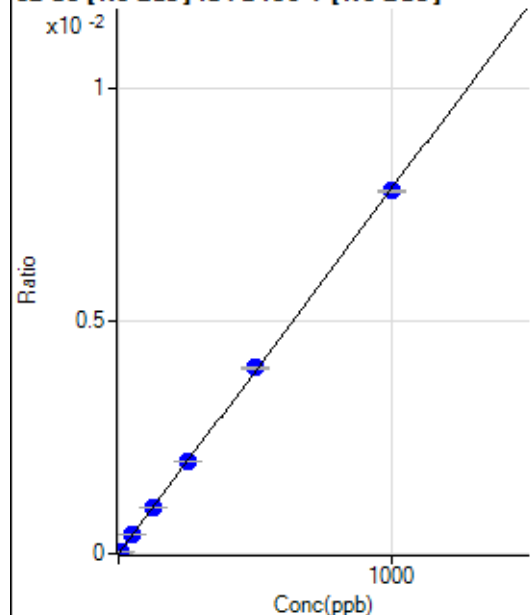
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3364.38		P	5.0
2	☐			3414.38		P	1.7
3	☐			3720.00		P	5.9
4	☐			3394.93		P	6.7
5	☐			3105.98		P	7.2
6	☐			2925.38		P	1.7
7	☐			3136.54		P	10.3
8	☐			3389.38		P	3.1

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			83.42		P	34.6
2	☐			93.43		P	65.5
3	☐			46.71		P	61.9
4	☐			60.06		P	44.1
5	☐			53.39		P	60.3
6	☐			73.41		P	20.8
7	☐			83.42		P	54.1
8	☐			53.39		P	28.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	-8.36	0.0000	P	-310.
2	☐	5.000	4.960	505.42	0.0000	P	5.8
3	☐	50.000	50.996	5344.60	0.0004	P	0.2
4	☐	125.000	125.872	13215.18	0.0010	P	0.6
5	☐	250.000	251.345	26298.51	0.0020	P	0.3
6	☐	500.000	510.270	51815.53	0.0040	P	0.9
7	☐	1000.000	994.370	101163.23	0.0078	P	0.5
8	☐			13.50	0.0000	P	199.4

$$y = 7.8566E-006 * x - 6.4429E-007$$

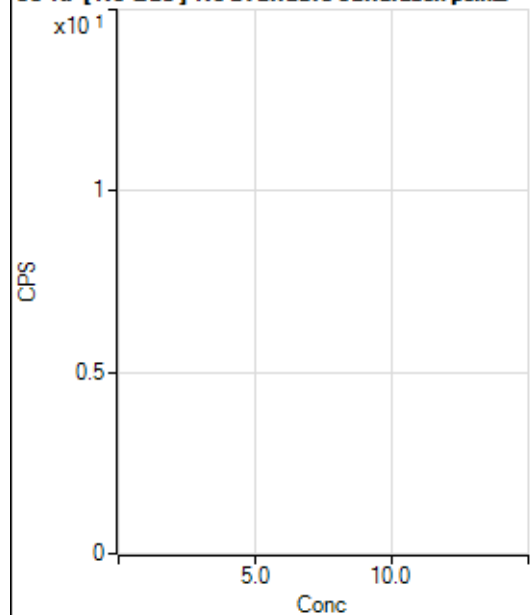
R = 0.9999

DL = 0.7639

BEC = -0.08201

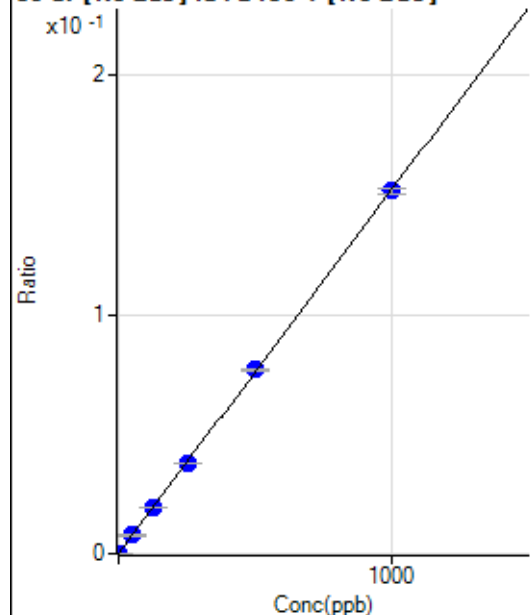
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			743.36		P	0.8
2	☐			741.14		P	4.5
3	☐			756.69		P	6.7
4	☐			698.91		P	3.6
5	☐			691.14		P	8.2
6	☐			686.69		P	7.0
7	☐			686.69		P	12.2
8	☐			728.91		P	4.7

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1038.95	0.0001	P	17.0
2	☐	1.000	0.889	2830.91	0.0002	P	3.3
3	☐	50.000	50.012	102600.02	0.0077	P	1.5
4	☐	125.000	125.308	255707.32	0.0191	P	0.5
5	☐	250.000	248.940	505043.68	0.0379	P	1.1
6	☐	500.000	505.226	993560.36	0.0769	P	0.8
7	☐	1000.000	997.613	1964278.56	0.1517	P	1.3
8	☐			11057.31	0.0009	P	2.6

$$y = 1.5197\text{E-}004 * x + 7.9613\text{E-}005$$

$$R = 1.0000$$

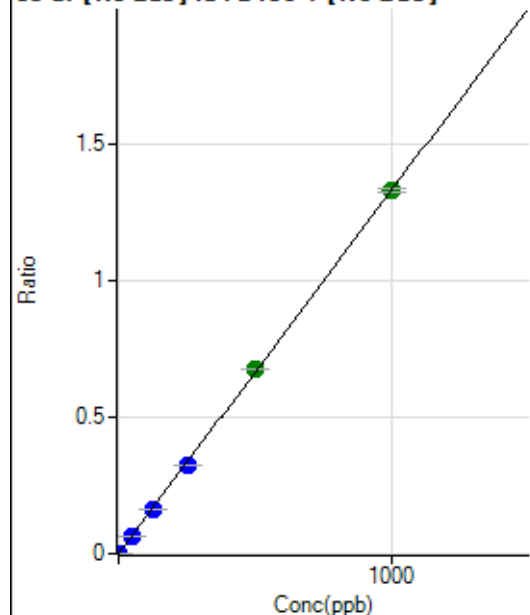
$$DL = 0.2675$$

$$BEC = 0.5239$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	83.34	0.0000	P	52.9
2	☐	1.000	0.921	16265.12	0.0012	P	2.8
3	☐	50.000	49.922	888485.75	0.0665	P	0.6
4	☐	125.000	122.885	2188815.61	0.1637	P	0.2
5	☐	250.000	243.485	4320548.62	0.3243	P	0.8
6	☐	500.000	507.191	8733359.22	0.6756	A	0.1
7	☐	1000.000	998.302	17219747.61	1.3297	A	1.0
8	☐			88636.65	0.0072	P	1.2

$$y = 0.0013 * x + 6.3795\text{E-}006$$

$$R = 0.9999$$

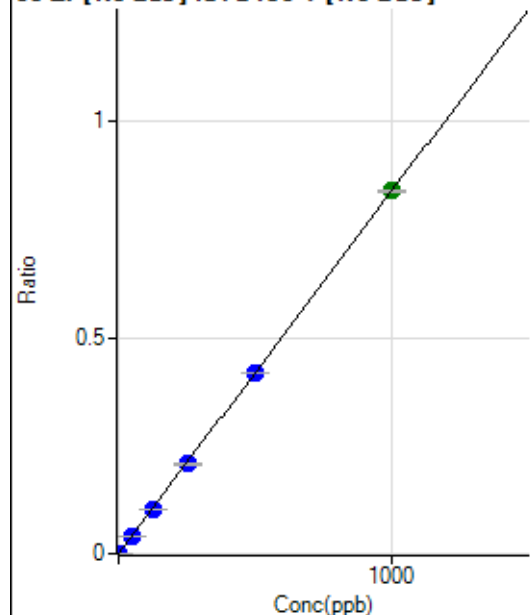
$$DL = 0.007597$$

$$BEC = 0.00479$$

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	516.69	0.0000	P	4.2
2	☐	1.000	0.892	10381.78	0.0008	P	4.0
3	☐	50.000	49.750	557580.38	0.0417	P	0.3
4	☐	125.000	123.668	1386420.46	0.1037	P	0.2
5	☐	250.000	247.523	2763972.07	0.2075	P	0.7
6	☐	500.000	499.068	5407329.68	0.4183	P	0.1
7	☐	1000.000	1001.264	10867124.81	0.8392	A	0.5
8	☐			3872.87	0.0003	P	8.1

$$y = 8.3805E-004 * x + 3.9569E-005$$

$$R = 1.0000$$

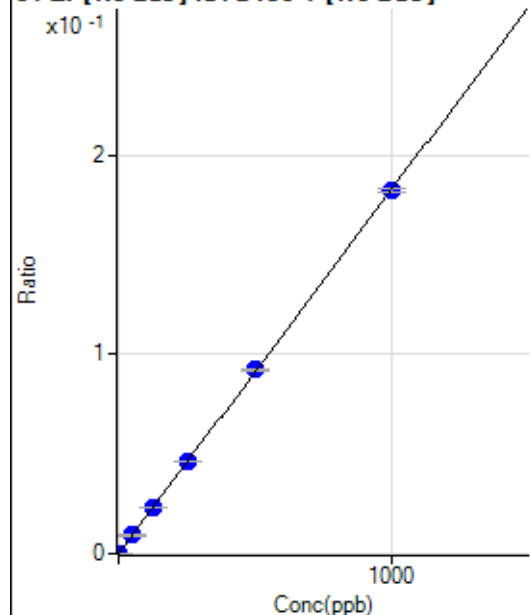
$$DL = 0.005917$$

$$BEC = 0.04722$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	136.11	0.0000	P	23.5
2	☐	1.000	0.888	2278.02	0.0002	P	9.0
3	☐	50.000	50.489	123394.01	0.0092	P	1.5
4	☐	125.000	126.398	308997.99	0.0231	P	0.7
5	☐	250.000	251.708	612880.41	0.0460	P	0.2
6	☐	500.000	505.775	1194870.37	0.0924	P	0.6
7	☐	1000.000	996.487	2358130.48	0.1821	P	1.2
8	☐			883.39	0.0001	P	5.2

$$y = 1.8273E-004 * x + 1.0431E-005$$

$$R = 1.0000$$

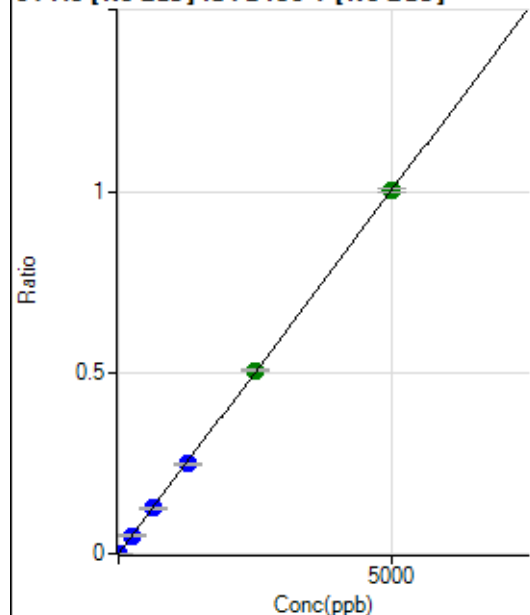
$$DL = 0.04024$$

$$BEC = 0.05708$$

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	191.67	0.0000	P	18.6
2	☐	5.000	4.697	12608.64	0.0010	P	4.2
3	☐	250.000	249.733	668927.26	0.0501	P	1.7
4	☐	625.000	625.764	1677422.07	0.1254	P	1.2
5	☐	1250.000	1231.581	3288838.07	0.2469	P	0.7
6	☐	2500.000	2520.295	6530506.27	0.5052	A	0.9
7	☐	5000.000	4994.376	12964084.84	1.0011	A	0.9
8	☐			6246.00	0.0005	P	4.8

$$y = 2.0044\text{E-}004 * x + 1.4671\text{E-}005$$

$$R = 1.0000$$

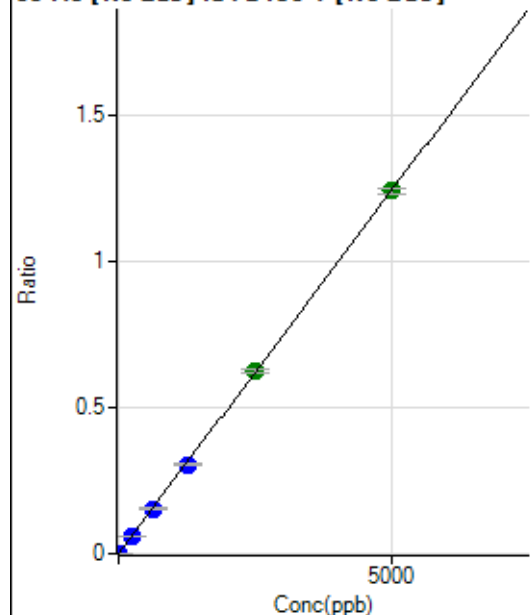
$$DL = 0.04082$$

$$BEC = 0.07319$$

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	11.11	0.0000	P	86.6
2	☐	5.000	4.683	15333.66	0.0012	P	3.4
3	☐	250.000	250.396	830055.32	0.0621	P	0.9
4	☐	625.000	622.160	2064263.44	0.1544	P	0.1
5	☐	1250.000	1230.868	4068550.48	0.3054	P	0.3
6	☐	2500.000	2516.547	8071226.22	0.6244	A	1.2
7	☐	5000.000	4996.845	16055077.61	1.2398	A	1.3
8	☐			8141.42	0.0007	P	6.9

$$y = 2.4812\text{E-}004 * x + 8.5124\text{E-}007$$

$$R = 1.0000$$

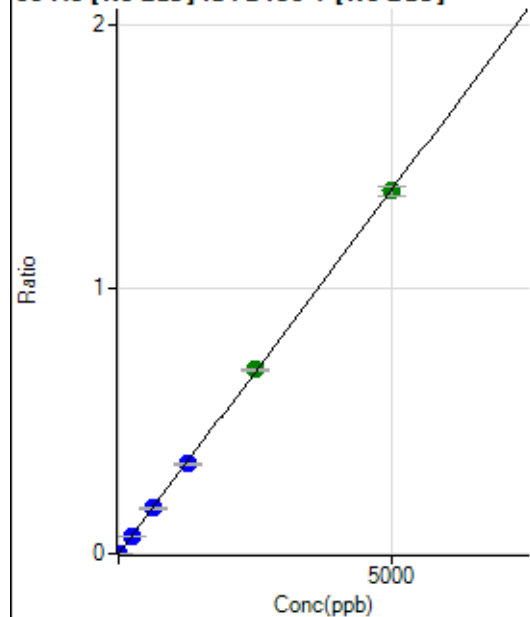
$$DL = 0.008914$$

$$BEC = 0.003431$$

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	36.11	0.0000	P	74.2
2	☐	5.000	4.602	16721.27	0.0013	P	2.7
3	☐	250.000	248.862	914148.47	0.0684	P	1.1
4	☐	625.000	621.730	2285815.72	0.1709	P	0.1
5	☐	1250.000	1230.273	4506147.23	0.3383	P	0.5
6	☐	2500.000	2530.162	8992460.01	0.6956	A	0.6
7	☐	5000.000	4990.317	17766256.82	1.3720	A	2.3
8	☐			10117.77	0.0008	P	8.0

$$y = 2.7494\text{E-}004 * x + 2.7643\text{E-}006$$

$$R = 1.0000$$

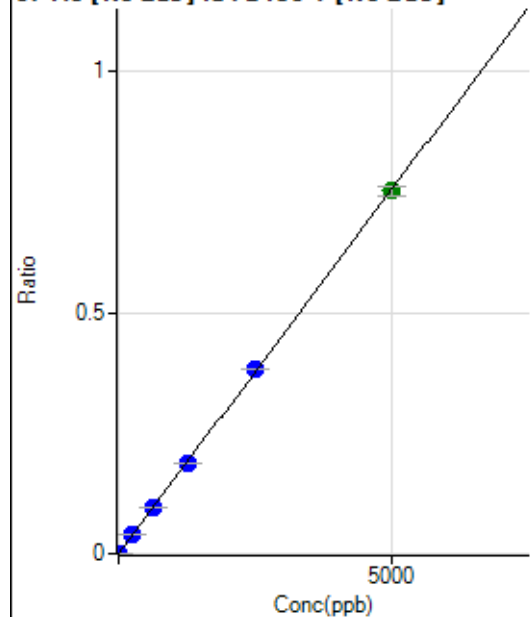
$$DL = 0.02237$$

$$BEC = 0.01005$$

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	5.56	0.0000	P	173.2
2	☐	5.000	4.661	9289.37	0.0007	P	3.2
3	☐	250.000	253.693	511952.29	0.0383	P	1.1
4	☐	625.000	630.961	1274463.17	0.0953	P	0.5
5	☐	1250.000	1249.442	2514188.88	0.1887	P	0.3
6	☐	2500.000	2530.139	4940451.07	0.3822	P	0.2
7	☐	5000.000	4984.140	9748316.71	0.7528	A	2.6
8	☐			4976.02	0.0004	P	8.2

$$y = 1.5105\text{E-}004 * x + 4.2543\text{E-}007$$

$$R = 1.0000$$

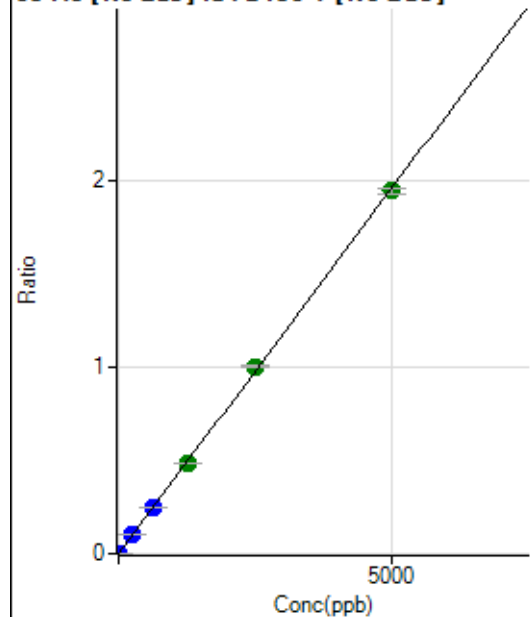
$$DL = 0.01464$$

$$BEC = 0.002817$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25.00	0.0000	P	66.3
2	☐	5.000	4.681	24171.02	0.0018	P	2.3
3	☐	250.000	252.799	1321134.69	0.0989	P	0.9
4	☐	625.000	628.505	3287451.22	0.2458	P	0.4
5	☐	1250.000	1245.882	6492373.41	0.4873	A	0.5
6	☐	2500.000	2565.003	12969871.64	1.0033	A	0.6
7	☐	5000.000	4967.950	25163753.17	1.9433	A	1.9
8	☐			12856.13	0.0010	P	8.0

$$y = 3.9116\text{E-}004 * x + 1.9126\text{E-}006$$

$$R = 0.9999$$

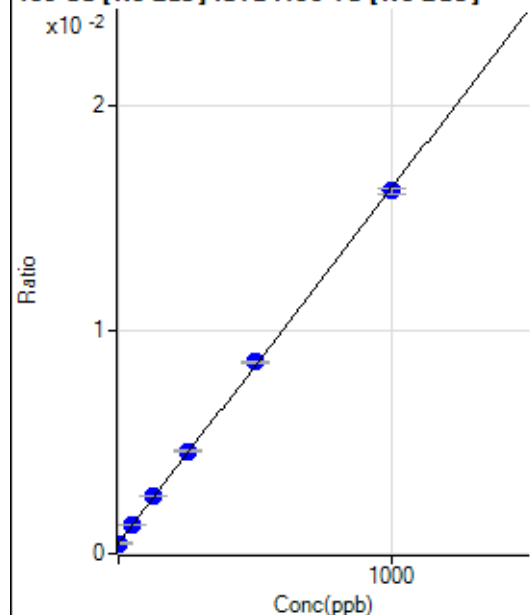
$$DL = 0.009731$$

$$BEC = 0.00489$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4878.74	0.0005	P	4.1
2	☐	1.000	-0.013	4881.52	0.0005	P	4.2
3	☐	50.000	51.343	13629.07	0.0013	P	3.5
4	☐	125.000	131.471	27262.86	0.0026	P	0.8
5	☐	250.000	259.635	49302.60	0.0046	P	0.8
6	☐	500.000	509.209	91110.45	0.0085	P	0.8
7	☐	1000.000	992.112	173732.33	0.0162	P	1.4
8	☐			4889.88	0.0005	P	5.1

$$y = 1.5857\text{E-}005 * x + 4.7137\text{E-}004$$

$$R = 0.9999$$

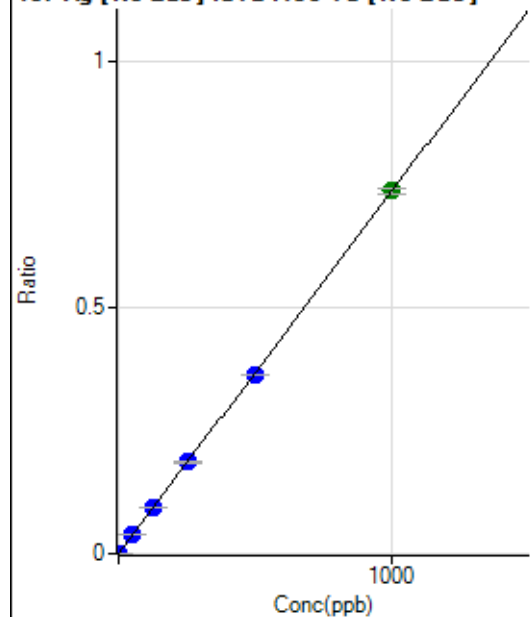
$$DL = 3.641$$

$$BEC = 29.73$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	50.00	0.0000	P	43.8
2	☐	1.000	0.944	7252.03	0.0007	P	4.8
3	☐	50.000	52.763	411901.17	0.0388	P	0.9
4	☐	125.000	128.387	1007917.40	0.0945	P	0.8
5	☐	250.000	252.288	1995704.19	0.1857	P	0.5
6	☐	500.000	494.254	3879338.85	0.3639	P	0.3
7	☐	1000.000	1001.739	7905964.32	0.7375	A	1.6
8	☐			4122.94	0.0004	P	6.1

$$y = 7.3618\text{E-}004 * x + 4.8255\text{E-}006$$

$$R = 1.0000$$

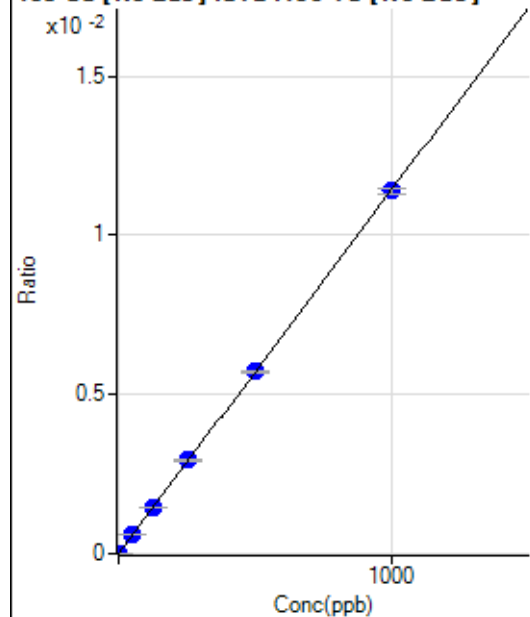
$$DL = 0.008607$$

$$BEC = 0.006555$$

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	16.67	0.0000	P	66.4
2	☐	1.000	0.880	120.84	0.0000	P	18.3
3	☐	50.000	52.509	6375.11	0.0006	P	1.3
4	☐	125.000	125.842	15340.35	0.0014	P	1.1
5	☐	250.000	257.183	31572.64	0.0029	P	0.8
6	☐	500.000	500.931	61003.66	0.0057	P	0.7
7	☐	1000.000	997.508	122126.28	0.0114	P	1.8
8	☐			163.89	0.0000	P	17.5

$$y = 1.1419\text{E-}005 * x + 1.6111\text{E-}006$$

$$R = 1.0000$$

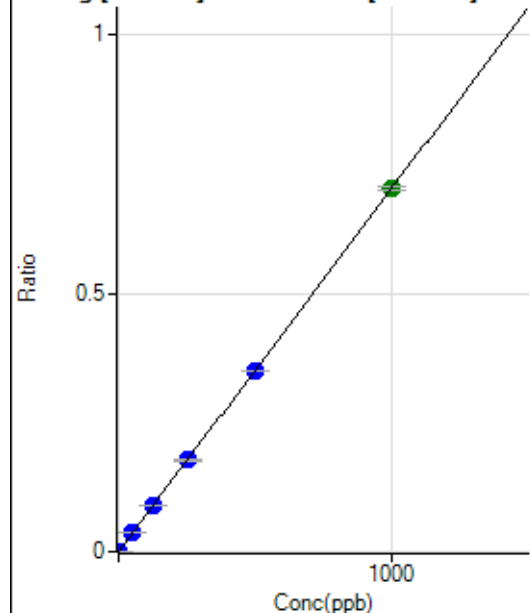
$$DL = 0.2812$$

$$BEC = 0.1411$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	41.67	0.0000	P	53.4
2	☐	1.000	0.971	7110.30	0.0007	P	3.3
3	☐	50.000	52.673	392322.95	0.0370	P	0.9
4	☐	125.000	128.652	963554.03	0.0904	P	1.3
5	☐	250.000	252.821	1908041.84	0.1776	P	1.4
6	☐	500.000	498.265	3731188.76	0.3500	P	0.7
7	☐	1000.000	999.572	7526931.77	0.7021	A	0.9
8	☐			3836.75	0.0004	P	4.6

$$y = 7.0238\text{E-}004 * x + 4.0303\text{E-}006$$

$$R = 1.0000$$

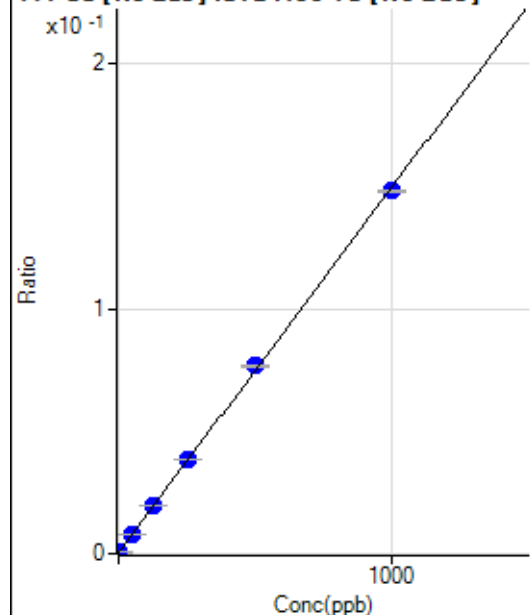
$$DL = 0.00919$$

$$BEC = 0.005738$$

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	3411.78	0.0003	P	3.8
2	☐	1.000	0.823	4686.73	0.0005	P	3.6
3	☐	50.000	52.500	86496.98	0.0082	P	1.4
4	☐	125.000	130.986	211769.87	0.0199	P	1.3
5	☐	250.000	256.617	414685.93	0.0386	P	0.3
6	☐	500.000	511.713	816981.15	0.0766	P	0.2
7	☐	1000.000	991.616	1588771.40	0.1482	P	0.8
8	☐			4004.05	0.0004	P	5.4

$$y = 1.4911\text{E-}004 * x + 3.2963\text{E-}004$$

$$R = 0.9999$$

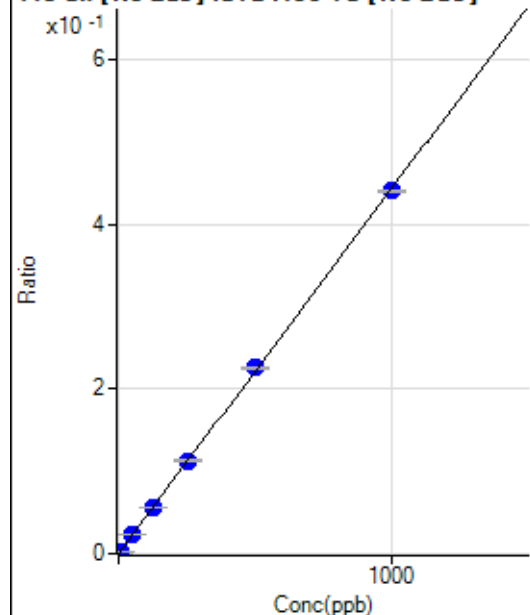
$$DL = 0.2493$$

$$BEC = 2.211$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2275.25	0.0002	P	5.4
2	☐	5.000	4.289	21978.71	0.0021	P	1.3
3	☐	50.000	51.807	245892.32	0.0232	P	0.9
4	☐	125.000	127.913	607159.09	0.0569	P	0.6
5	☐	250.000	254.521	1214972.68	0.1131	P	0.9
6	☐	500.000	508.440	2405851.53	0.2257	P	1.0
7	☐	1000.000	994.199	4728562.52	0.4411	P	0.3
8	☐			3717.27	0.0004	P	7.2

$$y = 4.4341\text{E-}004 * x + 2.1985\text{E-}004$$

$$R = 0.9999$$

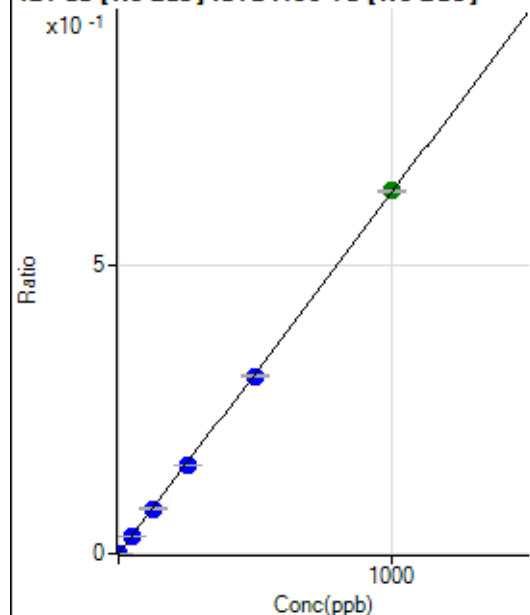
$$DL = 0.08058$$

$$BEC = 0.4958$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	30.55	0.0000	P	68.2
2	☐	2.000	1.836	11922.05	0.0012	P	1.6
3	☐	50.000	50.155	332511.97	0.0314	P	0.8
4	☐	125.000	124.512	829998.44	0.0778	P	2.0
5	☐	250.000	245.688	1650513.45	0.1536	P	0.6
6	☐	500.000	492.119	3280100.70	0.3077	P	1.1
7	☐	1000.000	1005.072	6736877.84	0.6284	A	0.3
8	☐			5109.38	0.0005	P	5.3

$$y = 6.2520\text{E-}004 * x + 2.9432\text{E-}006$$

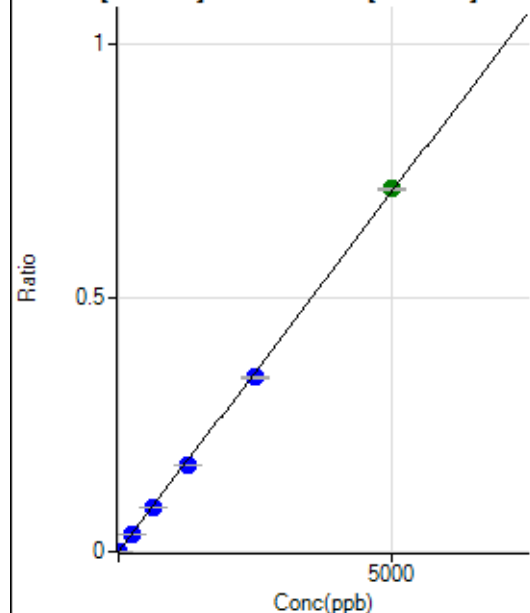
$$R = 0.9999$$

$$DL = 0.009628$$

$$BEC = 0.004708$$

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	19.44	0.0000	P	49.9
2	☐	10.000	9.024	13262.13	0.0013	P	3.9
3	☐	250.000	247.748	372100.35	0.0351	P	0.2
4	☐	625.000	614.550	928029.75	0.0870	P	2.4
5	☐	1250.000	1210.973	1843099.33	0.1715	P	0.6
6	☐	2500.000	2427.571	3665648.04	0.3438	P	1.2
7	☐	5000.000	5047.392	7664470.75	0.7149	A	0.8
8	☐			13123.17	0.0013	P	3.1

$$y = 1.4164\text{E-}004 * x + 1.8828\text{E-}006$$

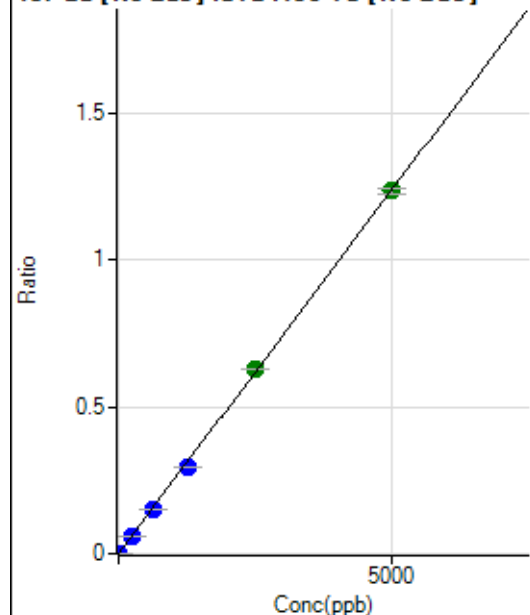
$$R = 0.9998$$

$$DL = 0.0199$$

$$BEC = 0.01329$$

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	22.22	0.0000	P	77.4
2	☐	10.000	9.125	23395.06	0.0023	P	0.9
3	☐	250.000	246.831	647080.05	0.0610	P	0.6
4	☐	625.000	607.403	1601214.03	0.1502	P	1.7
5	☐	1250.000	1197.161	3180465.78	0.2960	P	0.4
6	☐	2500.000	2545.161	6708819.07	0.6293	A	0.7
7	☐	5000.000	4992.989	13234246.65	1.2345	A	1.4
8	☐			22234.90	0.0022	P	3.2

$$y = 2.4724\text{E-}004 * x + 2.1396\text{E-}006$$

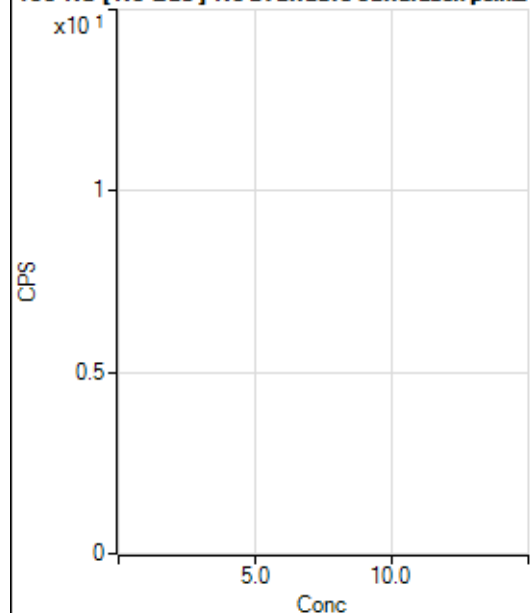
$$R = 0.9999$$

$$DL = 0.02009$$

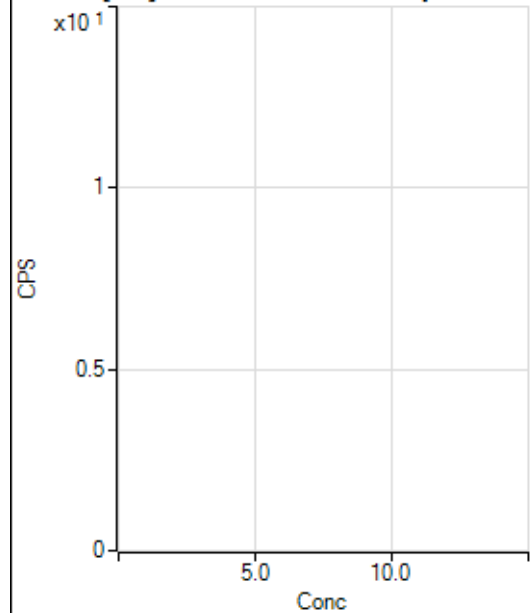
$$BEC = 0.008654$$

Weight: <None>

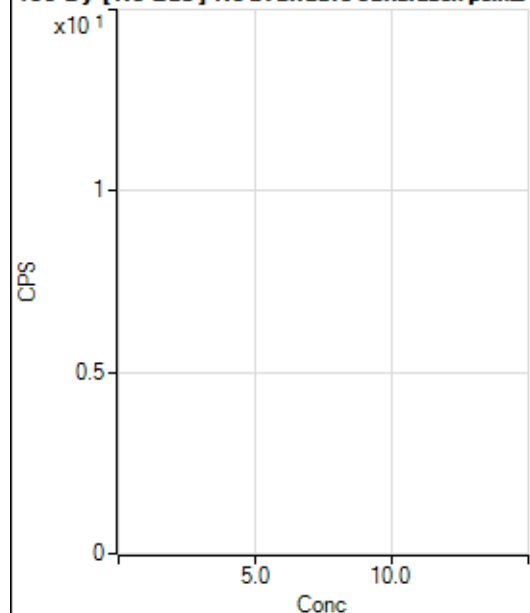
Min Conc: 0

150 Nd [No Gas] No available calibration points

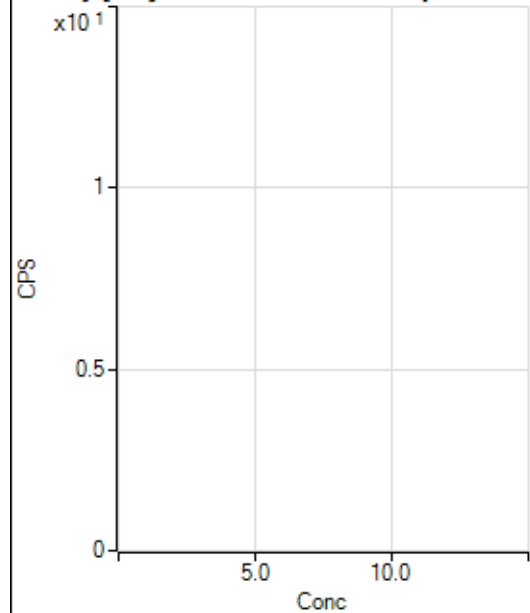
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.45		P	86.6
2	☐			4.45		P	86.6
3	☐			28.89		P	13.3
4	☐			82.22		P	48.9
5	☐			120.00		P	49.4
6	☐			180.00		P	14.8
7	☐			411.13		P	17.3
8	☐			15.55		P	24.8

150 Nd [He] No available calibration points

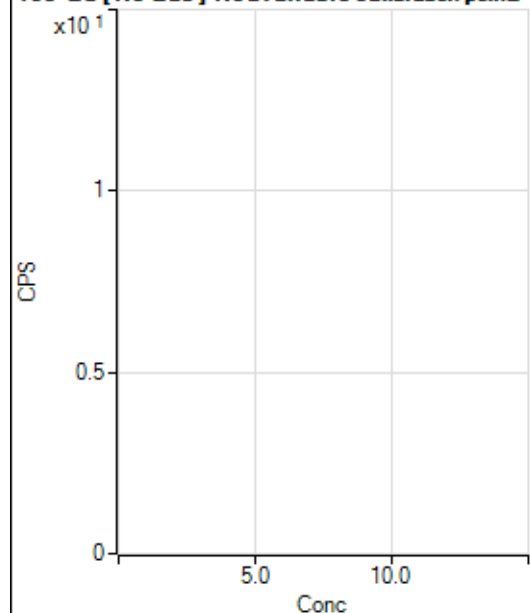
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐			1.11		P	173.2
3	☐			6.67		P	50.0
4	☐			8.89		P	57.3
5	☐			18.89		P	36.7
6	☐			27.78		P	30.2
7	☐			61.11		P	22.0
8	☐			12.22		P	15.7

156 Dy [No Gas] No available calibration points

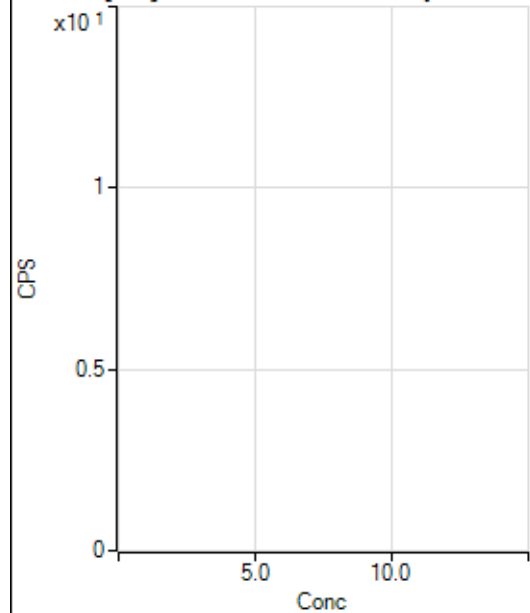
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	57.3
2	☐			5.56		P	173.2
3	☐			22.22		P	43.3
4	☐			50.00		P	28.9
5	☐			72.22		P	17.6
6	☐			119.45		P	8.1
7	☐			169.45		P	15.0
8	☐			436.13		P	7.2

156 Dy [He] No available calibration points

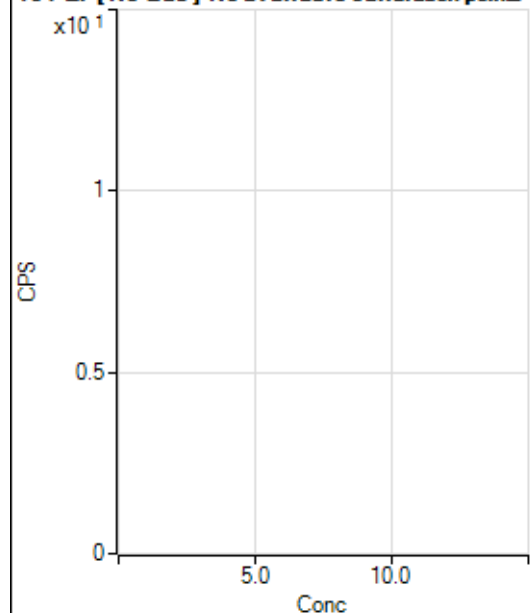
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.1
2	☐			6.67		P	86.6
3	☐			20.00		P	44.1
4	☐			25.56		P	45.8
5	☐			33.33		P	43.6
6	☐			74.44		P	29.8
7	☐			120.00		P	10.0
8	☐			340.01		P	7.4

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

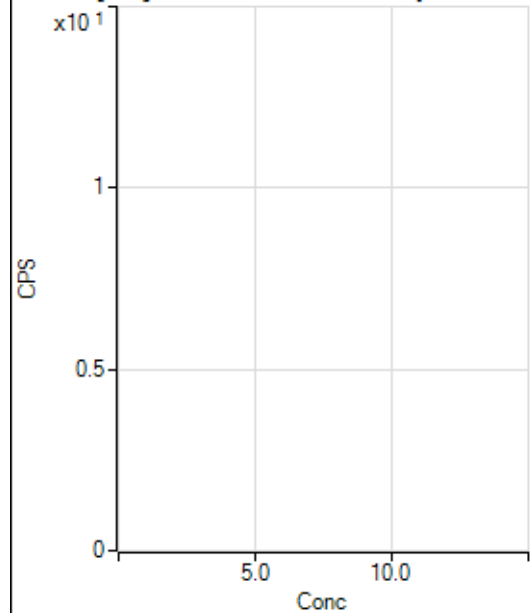
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			97.23		P	9.9
2	☐			58.34		P	28.6
3	☐			116.67		P	18.9
4	☐			111.12		P	49.9
5	☐			125.00		P	30.5
6	☐			158.34		P	19.0
7	☐			191.67		P	34.0
8	☐			530.58		P	6.3

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			117.78		P	4.3
2	☐			121.11		P	6.9
3	☐			108.89		P	26.4
4	☐			150.00		P	3.8
5	☐			142.22		P	11.1
6	☐			174.45		P	29.3
7	☐			180.00		P	13.0
8	☐			443.34		P	9.8

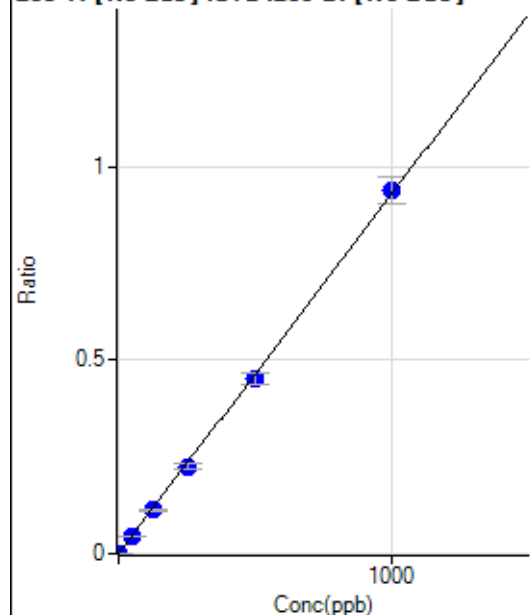
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			69.45		P	30.2
2	☐			41.67		P	87.2
3	☐			61.11		P	70.0
4	☐			77.78		P	6.2
5	☐			66.67		P	21.7
6	☐			55.56		P	60.6
7	☐			88.89		P	28.6
8	☐			80.56		P	23.9

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			30.00		P	44.4
2	☐			34.44		P	34.0
3	☐			28.89		P	43.7
4	☐			25.56		P	39.8
5	☐			27.78		P	6.9
6	☐			47.78		P	20.1
7	☐			47.78		P	26.4
8	☐			72.22		P	23.2

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	50.00	0.0000	P	56.7
2	☐	1.000	0.917	5598.55	0.0009	P	8.5
3	☐	50.000	46.247	308119.66	0.0430	P	0.8
4	☐	125.000	120.610	776034.89	0.1121	P	7.3
5	☐	250.000	241.690	1549798.73	0.2247	P	6.5
6	☐	500.000	487.241	3093229.73	0.4529	P	7.2
7	☐	1000.000	1009.194	6125373.18	0.9381	P	7.4
8	☐			1697.38	0.0003	P	19.6

$$y = 9.2956\text{E-}004 * x + 7.5632\text{E-}006$$

$$R = 0.9998$$

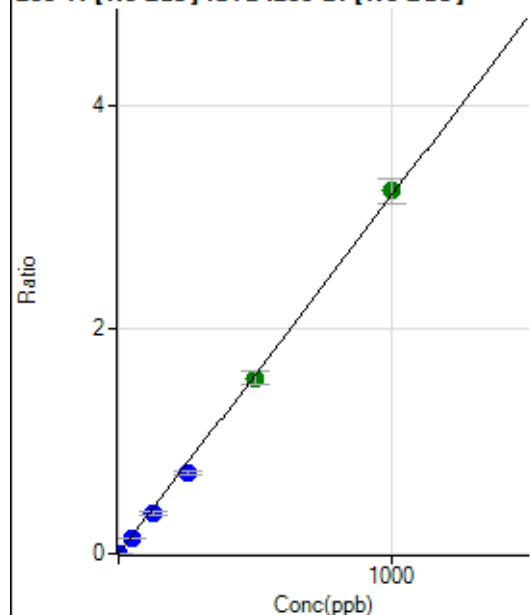
$$DL = 0.01385$$

$$BEC = 0.008136$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	87.22	0.0000	P	30.2
2	☐	1.000	0.853	17808.10	0.0027	P	8.4
3	☐	50.000	42.987	983475.14	0.1372	P	0.7
4	☐	125.000	111.532	2464551.22	0.3561	P	7.1
5	☐	250.000	225.193	4958515.76	0.7189	P	6.7
6	☐	500.000	489.545	10669847.95	1.5628	A	7.7
7	☐	1000.000	1013.464	21128431.72	3.2353	A	7.1
8	☐			5097.42	0.0009	P	14.7

$$y = 0.0032 * x + 1.3269\text{E-}005$$

$$R = 0.9996$$

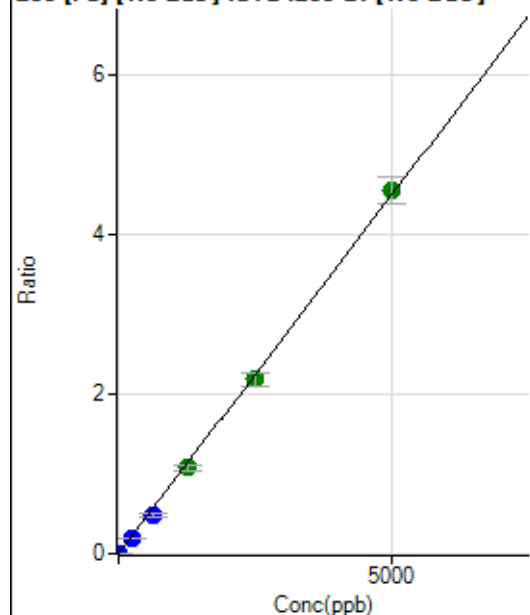
$$DL = 0.003767$$

$$BEC = 0.004157$$

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	320.38	0.0000	P	5.3
2	☐	1.000	0.786	4915.80	0.0008	P	5.6
3	☐	250.000	205.335	1319884.84	0.1842	P	1.0
4	☐	625.000	529.877	3288555.05	0.4752	P	7.6
5	☐	1250.000	1194.756	7391982.17	1.0714	A	6.2
6	☐	2500.000	2435.336	14911117.00	2.1839	A	7.7
7	☐	5000.000	5060.267	29627411.08	4.5378	A	7.6
8	☐			34788.11	0.0061	P	1.5

$$y = 8.9675\text{E-}004 * x + 4.9012\text{E-}005$$

$$R = 0.9997$$

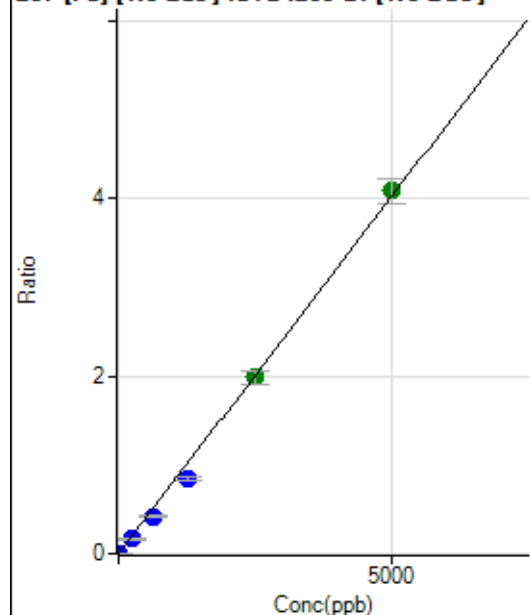
$$DL = 0.008737$$

$$BEC = 0.05465$$

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	255.56	0.0000	P	12.3
2	☐	1.000	0.772	4302.63	0.0007	P	3.5
3	☐	250.000	202.100	1164307.17	0.1625	P	0.2
4	☐	625.000	521.412	2900324.08	0.4191	P	7.6
5	☐	1250.000	1048.834	5813159.45	0.8430	P	7.2
6	☐	2500.000	2465.588	13534723.22	1.9817	A	7.1
7	☐	5000.000	5082.841	26679719.81	4.0852	A	7.0
8	☐			29961.79	0.0053	P	0.6

$$y = 8.0372\text{E-}004 * x + 3.8907\text{E-}005$$

$$R = 0.9991$$

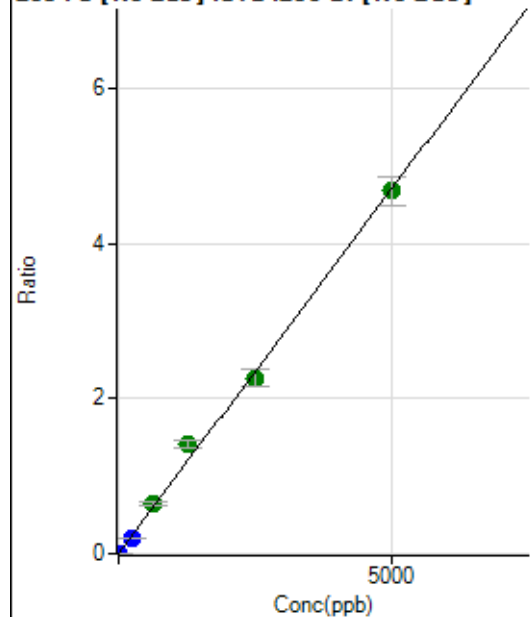
$$DL = 0.01783$$

$$BEC = 0.04841$$

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	371.50	0.0001	P	17.3
2	☐	1.000	0.760	4995.89	0.0008	P	19.1
3	☐	250.000	208.884	1407454.55	0.1964	P	0.9
4	☐	625.000	687.766	4475131.60	0.6465	A	7.2
5	☐	1250.000	1496.891	9703285.00	1.4071	A	7.2
6	☐	2500.000	2413.184	15476816.11	2.2684	A	9.1
7	☐	5000.000	4975.895	30534925.43	4.6773	A	7.8
8	☐			37495.95	0.0066	P	4.1

$$y = 9.3999\text{E-}004 * x + 5.6756\text{E-}005$$

$$R = 0.9982$$

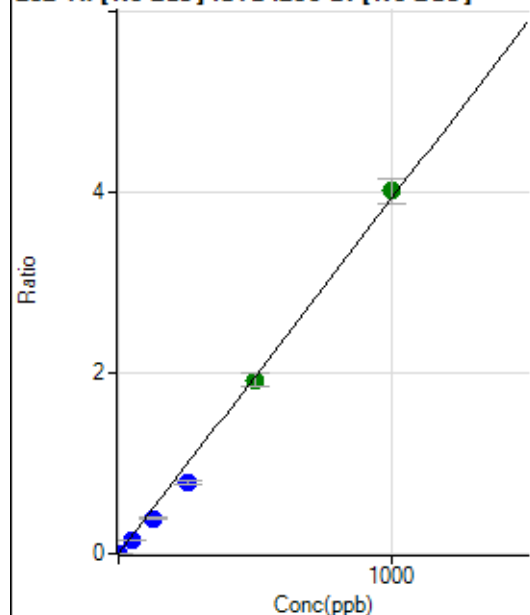
$$DL = 0.03132$$

$$BEC = 0.06038$$

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	561.13	0.0001	P	10.0
2	☐	1.000	-0.001	524.10	0.0001	P	7.4
3	☐	50.000	38.045	1069534.11	0.1492	P	0.6
4	☐	125.000	98.727	2679849.41	0.3872	P	7.2
5	☐	250.000	200.426	5419958.22	0.7859	P	7.0
6	☐	500.000	488.453	13075033.63	1.9151	A	7.8
7	☐	1000.000	1022.050	26171098.04	4.0072	A	7.0
8	☐			5091.87	0.0009	P	16.6

$$y = 0.0039 * x + 8.5602\text{E-}005$$

$$R = 0.9985$$

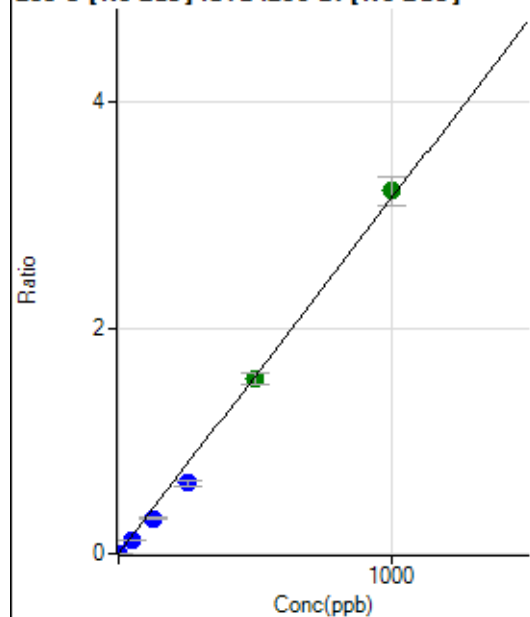
$$DL = 0.006575$$

$$BEC = 0.02183$$

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	-14.95	0.0000	P	-61.0
2	☐	1.000	0.835	17111.86	0.0026	P	7.9
3	☐	50.000	38.898	877393.33	0.1224	P	0.3
4	☐	125.000	99.644	2170083.66	0.3136	P	8.0
5	☐	250.000	197.523	4287294.93	0.6217	P	7.2
6	☐	500.000	491.721	10570542.10	1.5478	A	7.2
7	☐	1000.000	1020.984	20979920.51	3.2137	A	7.8
8	☐			61.23	0.0000	P	618.9

$$y = 0.0031 * x - 2.3463E-006$$

$$R = 0.9984$$

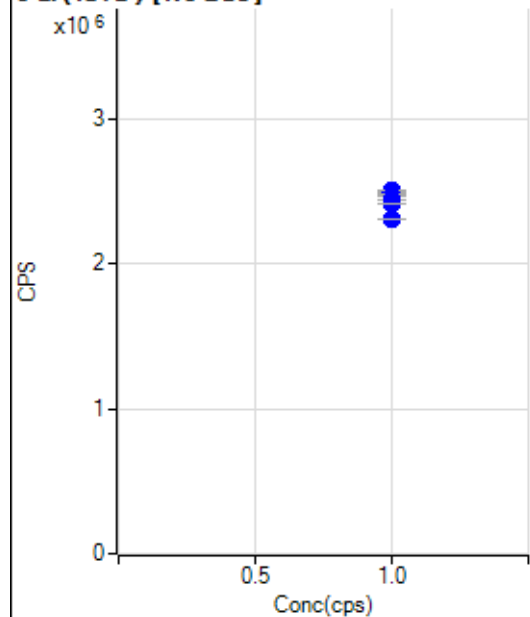
$$DL = 0.001364$$

$$BEC = -0.0007454$$

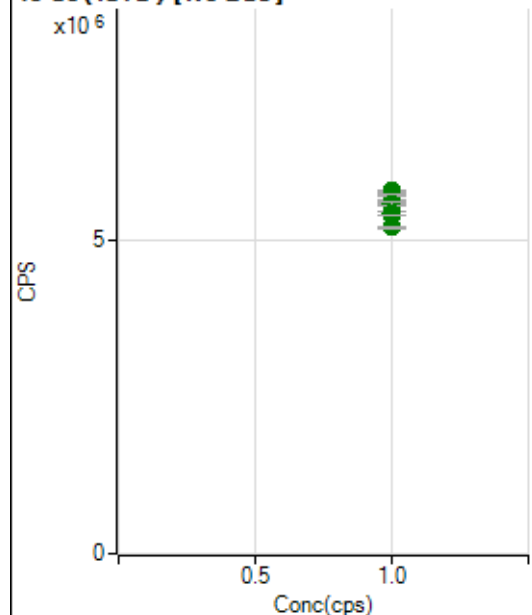
Weight: <None>

Min Conc: 0

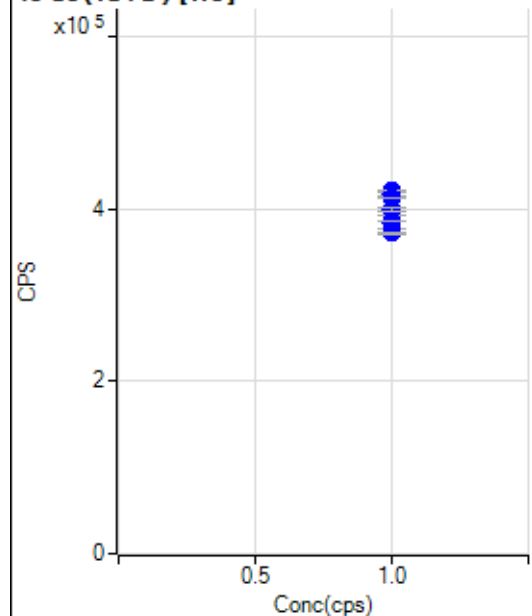
6 Li (ISTD) [No Gas]



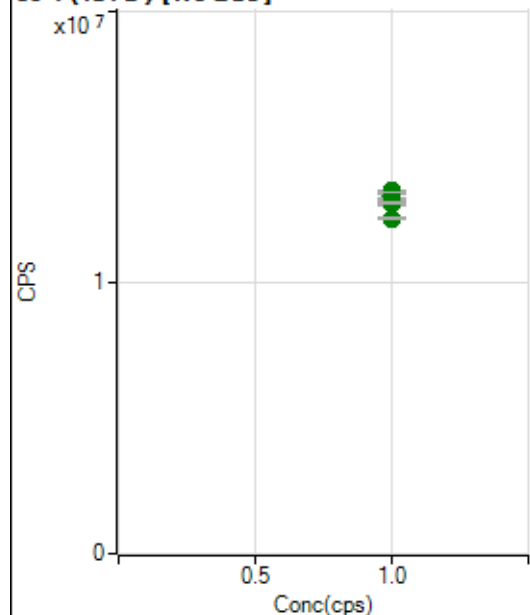
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		2488230.81		P	0.1
2	☐	1.000		2466213.26		P	1.5
3	☐	1.000		2504295.23		P	0.5
4	☐	1.000		2489076.70		P	1.3
5	☐	1.000		2474781.79		P	0.5
6	☐	1.000		2445672.80		P	0.2
7	☐	1.000		2415834.89		P	0.2
8	☐	1.000		2310631.08		P	0.3

45 Sc (ISTD) [No Gas]

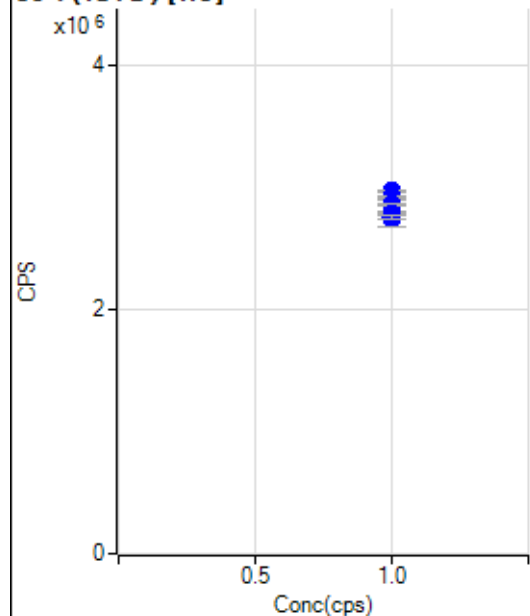
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5627449.01		A	0.1
2	☐	1.000		5630248.18		A	1.0
3	☐	1.000		5791469.15		A	0.6
4	☐	1.000		5729139.85		A	0.4
5	☐	1.000		5597953.74		A	1.1
6	☐	1.000		5441033.39		A	1.3
7	☐	1.000		5407097.56		A	0.1
8	☐	1.000		5205399.40		A	0.8

45 Sc (ISTD) [He]

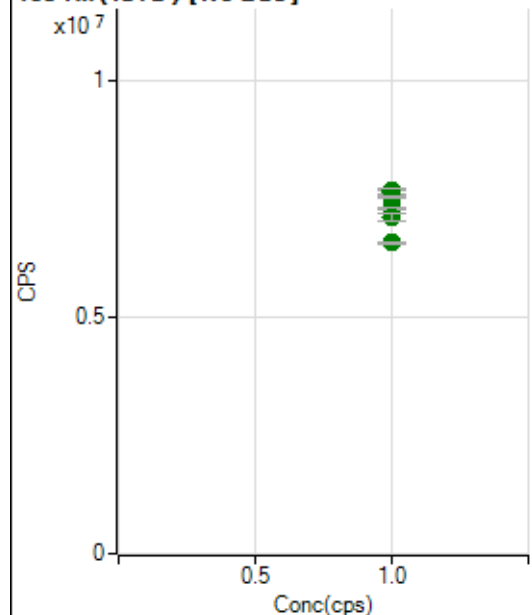
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		417407.24		P	1.0
2	☐	1.000		414784.37		P	0.2
3	☐	1.000		421449.46		P	0.1
4	☐	1.000		413411.12		P	0.3
5	☐	1.000		399856.89		P	0.7
6	☐	1.000		385163.79		P	3.6
7	☐	1.000		386524.36		P	0.4
8	☐	1.000		372213.38		P	0.9

89 Y (ISTD) [No Gas]

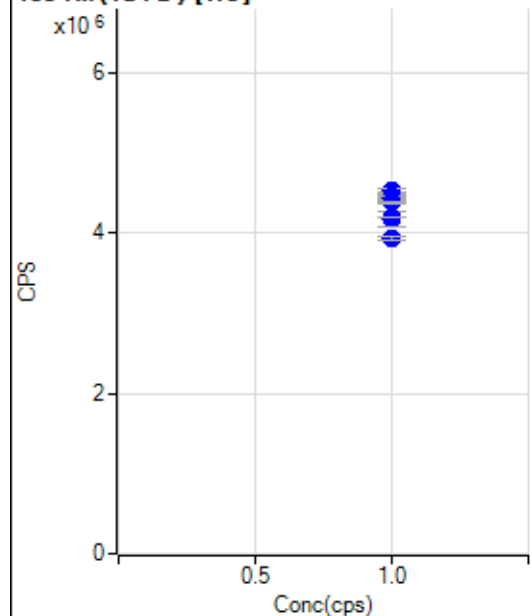
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13057673.55		A	0.5
2	☐	1.000		13188040.50		A	1.1
3	☐	1.000		13360901.88		A	1.0
4	☐	1.000		13372100.91		A	0.6
5	☐	1.000		13321994.25		A	0.4
6	☐	1.000		12927491.33		A	1.3
7	☐	1.000		12950509.67		A	0.8
8	☐	1.000		12366159.12		A	0.3

89 Y (ISTD) [He]

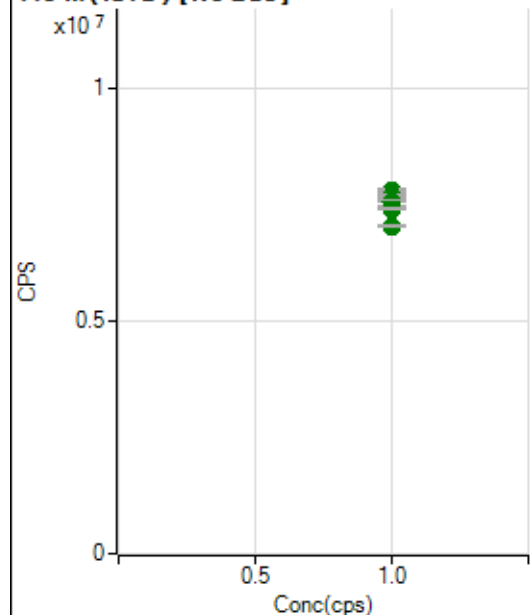
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2913435.37		P	0.5
2	☐	1.000		2903632.53		P	1.0
3	☐	1.000		2965616.20		P	0.6
4	☐	1.000		2918584.47		P	0.6
5	☐	1.000		2854366.80		P	0.1
6	☐	1.000		2732594.40		P	4.3
7	☐	1.000		2780506.83		P	0.4
8	☐	1.000		2750766.63		P	0.8

103 Rh (ISTD) [No Gas]

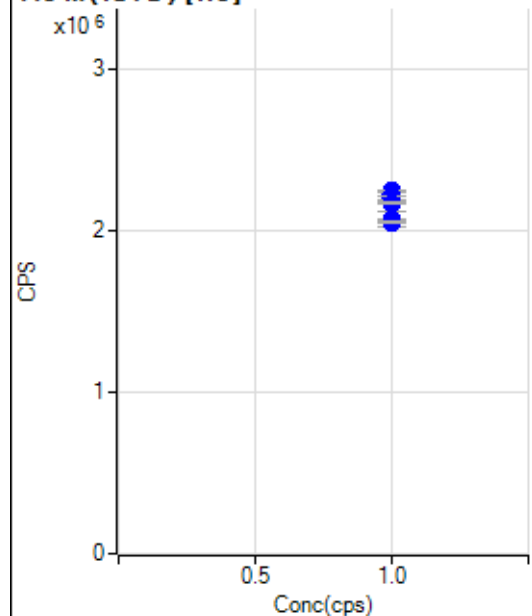
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7540720.03		A	0.6
2	☐	1.000		7617994.54		A	1.4
3	☐	1.000		7671335.37		A	1.5
4	☐	1.000		7655504.61		A	1.6
5	☐	1.000		7535832.18		A	0.5
6	☐	1.000		7311023.57		A	0.6
7	☐	1.000		7113527.88		A	1.9
8	☐	1.000		6571867.05		A	0.9

103 Rh (ISTD) [He]

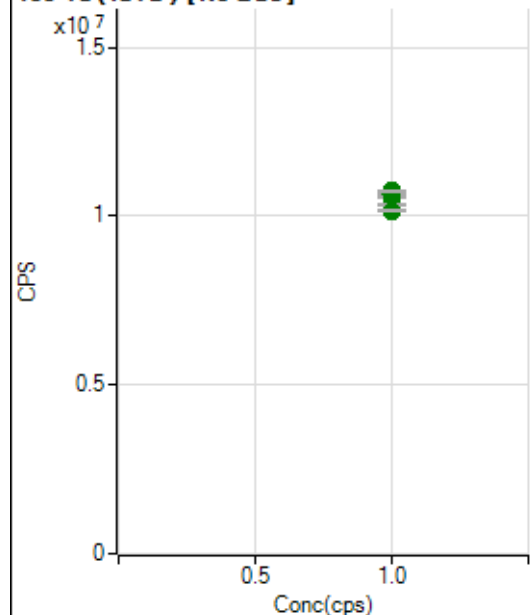
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4466327.57		P	1.0
2	☐	1.000		4438373.51		P	0.8
3	☐	1.000		4522253.61		P	1.0
4	☐	1.000		4467417.54		P	0.1
5	☐	1.000		4375557.12		P	0.6
6	☐	1.000		4173324.56		P	4.9
7	☐	1.000		4192912.64		P	0.4
8	☐	1.000		3931127.82		P	0.8

115 In (ISTD) [No Gas]

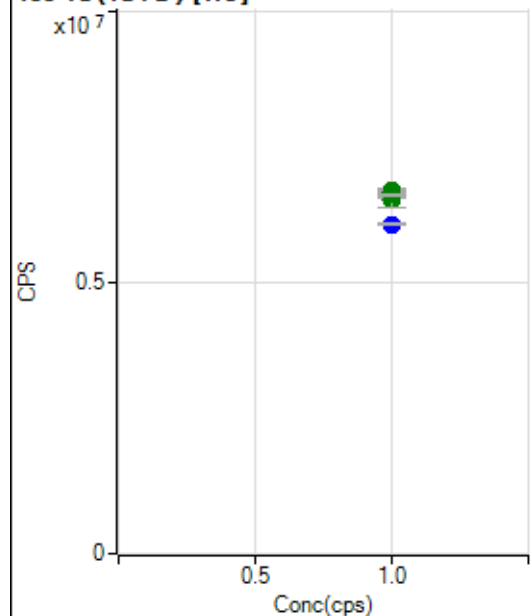
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7623852.53		A	1.1
2	☐	1.000		7591424.55		A	1.3
3	☐	1.000		7795251.78		A	0.9
4	☐	1.000		7738144.52		A	1.8
5	☐	1.000		7703687.09		A	0.1
6	☐	1.000		7546407.38		A	1.4
7	☐	1.000		7410806.55		A	0.2
8	☐	1.000		7037854.14		A	0.3

115 In (ISTD) [He]

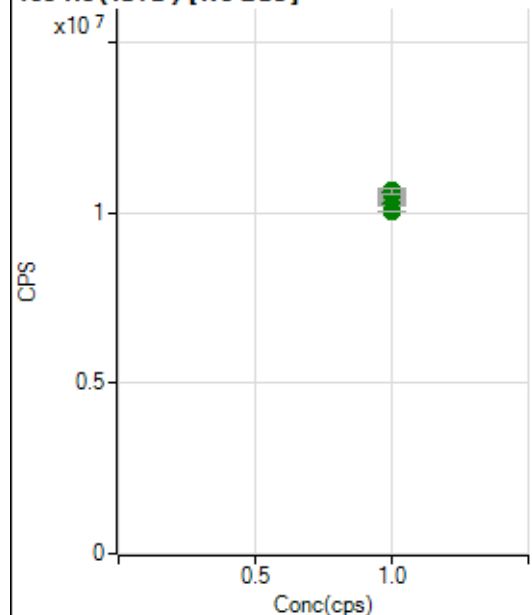
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2231660.61		P	0.7
2	☐	1.000		2206376.08		P	0.7
3	☐	1.000		2249207.23		P	0.4
4	☐	1.000		2218188.34		P	0.4
5	☐	1.000		2172946.50		P	0.6
6	☐	1.000		2072908.09		P	4.5
7	☐	1.000		2071614.63		P	0.3
8	☐	1.000		2054594.36		P	0.8

159 Tb (ISTD) [No Gas]

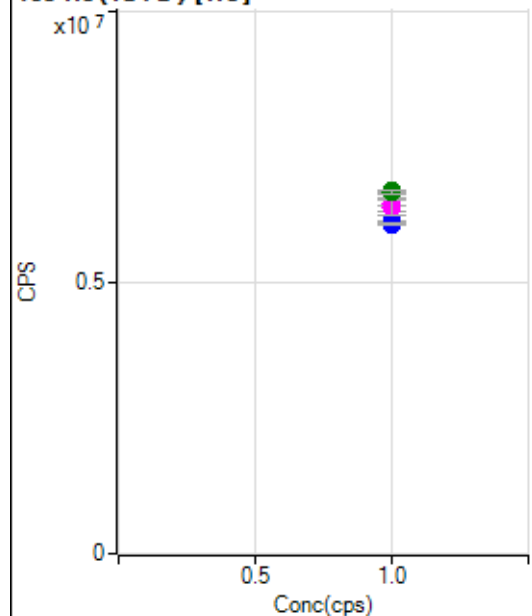
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		10351083.80		A	0.7
2	☐	1.000		10359327.00		A	0.4
3	☐	1.000		10603271.65		A	0.7
4	☐	1.000		10664478.31		A	1.9
5	☐	1.000		10745200.95		A	0.8
6	☐	1.000		10661474.01		A	0.8
7	☐	1.000		10721210.05		A	0.7
8	☐	1.000		10155066.17		A	0.7

159 Tb (ISTD) [He]

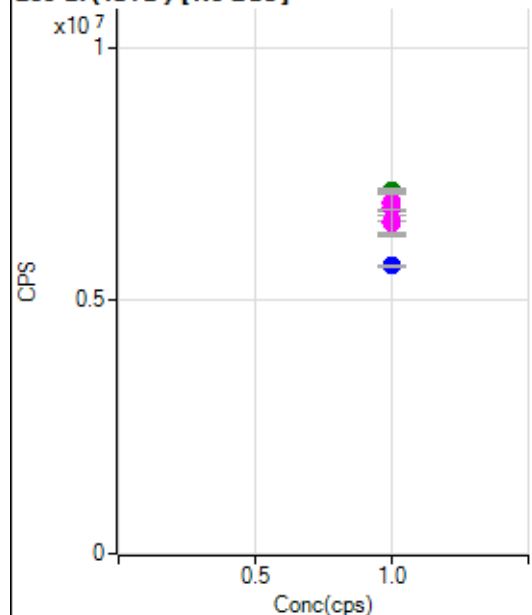
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		6587122.47		A	1.5
2	☐	1.000		6564233.58		A	0.5
3	☐	1.000		6683598.93		A	0.9
4	☐	1.000		6645898.93		A	0.2
5	☐	1.000		6658745.18		A	0.6
6	☐	1.000		6520877.82		A	4.9
7	☐	1.000		6610067.12		A	0.1
8	☐	1.000		6063819.77		P	0.4

165 Ho (ISTD) [No Gas]

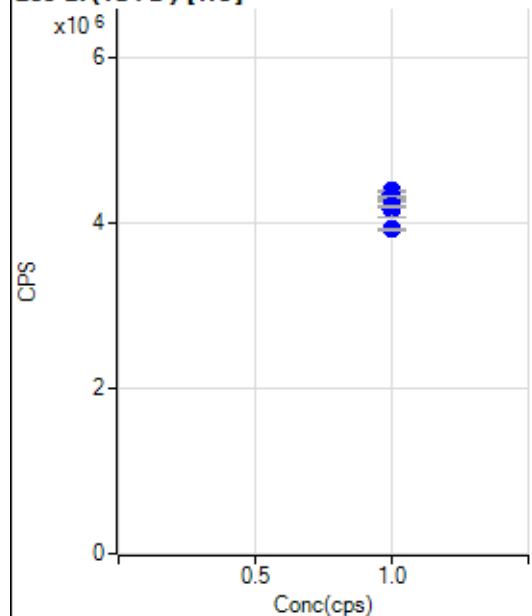
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10286502.70		A	0.4
2	☐	1.000		10293136.58		A	1.0
3	☐	1.000		10409243.04		A	0.7
4	☐	1.000		10549394.22		A	1.5
5	☐	1.000		10645058.59		A	0.6
6	☐	1.000		10534461.30		A	0.5
7	☐	1.000		10631708.11		A	1.3
8	☐	1.000		10046320.40		A	0.2

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6468009.14		M	4.6
2	☐	1.000		6127935.60		P	0.5
3	☐	1.000		6691554.34		A	0.7
4	☐	1.000		6564949.00		M	4.1
5	☐	1.000		6566897.75		M	1.7
6	☐	1.000		6395556.99		M	5.2
7	☐	1.000		6672390.11		A	0.9
8	☐	1.000		6065940.47		P	0.6

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6545448.86		M	6.7
2	☐	1.000		6539753.51		M	7.9
3	☐	1.000		7166270.10		A	0.4
4	☐	1.000		6947727.40		M	7.8
5	☐	1.000		6919315.87		M	7.1
6	☐	1.000		6854931.29		M	7.8
7	☐	1.000		6555166.36		M	7.9
8	☐	1.000		5689727.10		P	0.8

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4366810.39		P	1.2
2	☐	1.000		4303516.32		P	0.9
3	☐	1.000		4394098.69		P	0.6
4	☐	1.000		4333115.91		P	0.1
5	☐	1.000		4317951.81		P	0.3
6	☐	1.000		4165055.87		P	4.4
7	☐	1.000		4210159.73		P	0.8
8	☐	1.000		3924927.69		P	0.5

US EPA Tune Check Sample Report

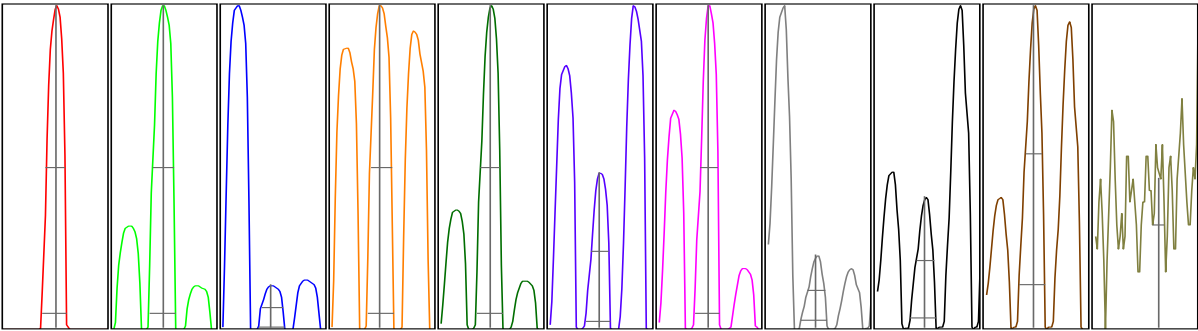
Batch Folder C:\Agilent\ICPMH\1\DATA\P7112520MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	8016	0.56	5.00	
24	83534	0.46	5.00	
25	11344	0.85	5.00	
26	12921	0.62	5.00	
59	42116	0.58	5.00	
113	7190	0.68	5.00	
115	21918	2.52	5.00	
206	9929	0.69	5.00	
207	8646	0.97	5.00	
208	20732	0.82	5.00	
220	1	31.99		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	8007	8033	8031	8063	7944
24	83062	83842	83382	84014	83370
25	11233	11298	11337	11493	11362
26	12811	12949	12967	13009	12869
59	41914	41967	41957	42461	42280
113	7216	7248	7172	7199	7117
115	22447	22371	22004	21668	21101
206	9859	9872	9935	10030	9951
207	8513	8665	8628	8736	8690
208	20561	20654	20616	20929	20899
220	1	0	0	1	1

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	14690	9.05	8.9 - 9.1		0.725	0.900	
24	140479	24.00	23.9 - 24.1		0.783	0.900	
25	18785	24.95	24.9 - 25.1		0.759	0.900	
26	21597	25.95	25.9 - 26.1		0.783	0.900	
59	76226	59.00	58.9 - 59.1		0.776	0.900	
113	13767	113.00	112.9 - 113.1		0.728	0.900	
115	42126	115.00	114.9 - 115.1		0.730	0.900	
206	19778	205.95	205.9 - 206.1		0.746	0.900	
207	16590	206.95	206.9 - 207.1		0.734	0.900	
208	40722	207.95	207.9 - 208.1		0.741	0.900	
220	1	220.40	-				

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	0.65	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	rpm	Makeup/Dilution Gas		0.40 L/min

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	12.1	V	Deflect	14.6	V
Extract 2	-240.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-100	V	Cell Exit	-50	V			

Cell Parameters

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

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	14816	0.34	
89	46578	0.28	
205	28463	0.69	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	14736	14873	14819	14827	14826
89	46497	46803	46539	46485	46566
205	28632	28536	28247	28256	28643

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
RF Power	1600	W	Carrier Gas	0.65	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	rpm	Makeup/Dilution Gas		0.40 L/min

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	11.2	V	Deflect	2.8	V
Extract 2	-225.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-110	V	Cell Exit	-60	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	Yes		OctP Bias	-18.0	V	Energy Discrimination		5.0 V
He Flow	3.9	mL/min	OctP RF	200	V			

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 12:01:14	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.22	-0.38	0.16	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	-0.01	0.00	0.00	N/A	ppb
Barium	135-1	0.00	0.00	-0.01	0.00	N/A	ppb
Barium	137-1	-0.01	0.00	0.01	0.00	N/A	ppb
Beryllium	9-1	0.00	-0.01	0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.00	-0.08	0.08	0.00	N/A	ppb
Boron	11-1	-0.10	0.01	0.09	0.00	N/A	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.10	-0.04	-0.06	0.00	N/A	ppb
Cadmium	106-1	1.39	-0.58	-0.82	0.00	N/A	ppb
Cadmium	108-1	0.11	-0.07	-0.04	0.00	N/A	ppb
Calcium	43-1	-3.06	3.18	-0.12	0.00	N/A	ppb
Calcium	44-1	1.23	0.09	-1.32	0.00	N/A	ppb
Chromium	52-2	0.01	0.00	-0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	-0.03	0.00	0.02	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	0.22	-0.99	0.77	0.00	N/A	ppb
Iron	56-2	0.03	-0.24	0.20	0.00	N/A	ppb
Iron	57-2	0.46	-0.37	-0.10	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	0.00	-0.01	0.00	0.00	N/A	ppb

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 12:01:14	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	-0.01	0.01	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.01	-0.06	0.05	0.00	N/A	ppb
Manganese	55-2	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	94-1	0.01	0.01	-0.02	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.01	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.01	0.00	0.00	N/A	ppb
Phosphorus	31-2	-4.49	4.23	1.95	0.56	803.05	ppb
Potassium	39-2	2.46	-8.91	6.45	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.02	0.25	-0.26	0.00	N/A	ppb
Selenium	77-2	0.14	0.13	-0.27	0.00	N/A	ppb
Selenium	78-2	-0.59	0.34	0.25	0.00	N/A	ppb
Silicon	28-1	-0.54	-0.21	0.74	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-1.26	1.11	0.16	0.00	N/A	ppb
Strontium	86-1	-0.09	0.01	0.08	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-96.94	-95.07	0.03	-63.99		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	-0.01	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.01	0.03	-0.02	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

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 12:01:14	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.10	-0.02	0.11	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	-0.02	0.01	0.01	0.00	N/A	ppb

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 12:04:47	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.39	19.03	20.55	19.32	5.76	ppb
Antimony	121-1	1.80	1.85	1.86	1.84	1.59	ppb
Arsenic	75-2	1.00	0.98	0.89	0.96	5.86	ppb
Barium	135-1	8.62	9.27	9.18	9.02	3.87	ppb
Barium	137-1	9.05	9.11	9.22	9.13	0.90	ppb
Beryllium	9-1	0.97	0.92	0.92	0.94	3.42	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	10-1	22.71	22.43	22.03	22.39	1.53	ppb
Boron	11-1	22.62	23.33	23.06	23.00	1.56	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.75	0.77	0.95	0.82	13.43	ppb
Cadmium	106-1	-1.13	-0.26	1.35	-0.01		ppb
Cadmium	108-1	0.81	1.09	0.74	0.88	21.18	ppb
Calcium	43-1	483.45	461.82	468.18	471.15	2.36	ppb
Calcium	44-1	487.47	483.75	491.90	487.71	0.84	ppb
Chromium	52-2	1.88	1.82	1.80	1.83	2.29	ppb
Cobalt	59-2	0.93	0.94	0.89	0.92	2.74	ppb
Copper	63-2	1.71	1.69	1.62	1.67	2.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				95		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	54-2	52.27	52.13	50.66	51.69	1.72	ppb
Iron	56-2	49.13	47.52	47.89	48.18	1.75	ppb
Iron	57-2	50.49	46.66	45.09	47.41	5.86	ppb
Krypton	83-1						cps
Lead	206-1	0.81	0.82	0.73	0.79	6.01	ppb
Lead	207-1	0.79	0.79	0.74	0.77	3.69	ppb

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 12:04:47	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.76	0.91	0.60	0.76	20.67	ppb
Lithium	6-1				99		%
Magnesium	24-2	465.19	457.49	459.70	460.79	0.86	ppb
Manganese	55-2	0.92	0.83	0.83	0.86	6.09	ppb
Molybdenum	94-1	4.56	4.93	4.60	4.70	4.31	ppb
Molybdenum	95-1	4.56	4.86	4.63	4.68	3.42	ppb
Molybdenum	96-1	4.49	4.73	4.59	4.60	2.66	ppb
Molybdenum	97-1	4.67	4.81	4.51	4.66	3.20	ppb
Molybdenum	98-1	4.81	4.62	4.62	4.68	2.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.90	0.95	0.87	0.91	4.72	ppb
Phosphorus	31-2	-8.43	-0.20	6.94	-0.56		ppb
Potassium	39-2	487.18	484.54	483.78	485.17	0.37	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	5.24	4.67	4.97	4.96	5.74	ppb
Selenium	77-2	3.03	2.56	3.38	2.99	13.64	ppb
Selenium	78-2	2.65	4.24	5.20	4.03	31.96	ppb
Silicon	28-1	8.80	8.32	9.28	8.80	5.44	ppb
Silver	109-1	0.93	1.00	0.98	0.97	3.34	ppb
Silver	107-1	0.93	1.00	0.91	0.94	4.80	ppb
Sodium	23-2	476.57	481.26	475.77	477.87	0.62	ppb
Strontium	86-1	0.88	0.94	0.85	0.89	5.20	ppb
Strontium	88-1	0.93	0.94	0.89	0.92	2.81	ppb
Sulfur	34-1	297.78	-177.45	71.65	63.99	371.45	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.99	0.92	0.83	0.92	8.56	ppb
Thallium	205-1	0.89	0.90	0.77	0.85	8.45	ppb
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	4.22	4.35	4.30	4.29	1.50	ppb
Titanium	47-1	4.78	4.88	4.84	4.84	1.03	ppb
Uranium	238-1	0.89	0.85	0.76	0.84	7.88	ppb

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 12:04:47	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	4.70	4.57	4.56	4.61	1.68	ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	1.77	1.87	1.65	1.76	6.10	ppb
Zirconium	90-1	0.93	0.85	0.89	0.89	4.18	ppb
Zirconium	91-1	0.83	0.85	0.99	0.89	9.55	ppb

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 12:08:19	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1016.60	1009.89	1006.68	1011.06	0.50	ppb
Antimony	121-1	49.70	50.44	50.33	50.16	0.80	ppb
Arsenic	75-2	50.23	50.32	51.16	50.57	1.02	ppb
Barium	135-1	247.82	247.32	248.10	247.75	0.16	ppb
Barium	137-1	245.76	248.37	246.36	246.83	0.55	ppb
Beryllium	9-1	52.80	51.40	52.20	52.14	1.35	ppb
Bismuth	209-1				109		%
Bismuth	209-2				101		%
Boron	10-1	51.69	50.65	50.38	50.90	1.36	ppb
Boron	11-1	48.61	50.10	51.47	50.06	2.85	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	51.62	52.94	52.94	52.50	1.46	ppb
Cadmium	106-1	48.54	54.23	51.27	51.34	5.54	ppb
Cadmium	108-1	52.47	51.82	53.24	52.51	1.35	ppb
Calcium	43-1	5253.40	5155.89	5175.95	5195.08	0.99	ppb
Calcium	44-1	5197.01	5273.49	5315.96	5262.15	1.15	ppb
Chromium	52-2	50.88	49.89	49.70	50.16	1.26	ppb
Cobalt	59-2	50.43	51.43	50.73	50.87	1.01	ppb
Copper	63-2	493.20	495.99	493.12	494.10	0.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	54-2	2695.28	2726.57	2682.19	2701.35	0.84	ppb
Iron	56-2	2516.31	2537.31	2573.59	2542.40	1.14	ppb
Iron	57-2	2560.51	2553.29	2551.91	2555.24	0.18	ppb
Krypton	83-1						cps
Lead	206-1	207.37	203.41	205.22	205.34	0.96	ppb
Lead	207-1	201.72	202.14	202.44	202.10	0.18	ppb

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 12:08:19	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	211.01	208.04	207.61	208.88	0.89	ppb
Lithium	6-1				101		%
Magnesium	24-2	5206.68	5158.09	5190.14	5184.97	0.48	ppb
Manganese	55-2	492.16	494.36	497.36	494.63	0.53	ppb
Molybdenum	94-1	247.34	254.74	247.11	249.73	1.74	ppb
Molybdenum	95-1	248.73	252.92	249.54	250.40	0.89	ppb
Molybdenum	96-1	247.81	251.90	246.87	248.86	1.07	ppb
Molybdenum	97-1	253.25	256.77	251.05	253.69	1.14	ppb
Molybdenum	98-1	252.27	255.30	250.82	252.80	0.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	50.85	51.29	51.86	51.33	0.98	ppb
Phosphorus	31-2	979.63	1004.21	1069.64	1017.83	4.57	ppb
Potassium	39-2	2718.46	2697.86	2691.31	2702.54	0.52	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	82-1	50.94	50.94	51.11	51.00	0.19	ppb
Selenium	77-2	48.70	47.93	43.76	46.80	5.68	ppb
Selenium	78-2	47.82	50.66	47.82	48.77	3.36	ppb
Silicon	28-1	57.69	59.31	63.56	60.18	5.04	ppb
Silver	109-1	53.01	52.90	52.11	52.67	0.93	ppb
Silver	107-1	52.32	53.25	52.71	52.76	0.88	ppb
Sodium	23-2	5218.99	5284.11	5251.81	5251.63	0.62	ppb
Strontium	86-1	49.74	50.88	49.41	50.01	1.54	ppb
Strontium	88-1	49.81	50.27	49.69	49.92	0.61	ppb
Sulfur	34-1	587.39	568.41	474.48	543.42	11.13	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	46.65	46.04	46.05	46.25	0.76	ppb
Thallium	205-1	43.30	42.75	42.90	42.99	0.66	ppb
Thorium	232-1	38.30	37.86	37.97	38.05	0.61	ppb
Tin	118-1	51.63	52.34	51.45	51.81	0.91	ppb
Titanium	47-1	249.25	255.37	254.88	253.17	1.34	ppb
Uranium	238-1	38.88	39.03	38.78	38.90	0.31	ppb

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 12:08:19	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	49.90	49.93	49.80	49.88	0.14	ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	503.05	506.89	503.20	504.38	0.43	ppb
Zirconium	90-1	49.72	49.89	49.64	49.75	0.26	ppb
Zirconium	91-1	50.63	51.18	49.66	50.49	1.53	ppb

LB Number : LB112148 Operator : JASWAL
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2020-11-25 12:11:49 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2501.17	2524.61	2423.57	2483.12	2.13	ppb
Antimony	121-1	121.86	125.00	126.68	124.51	1.97	ppb
Arsenic	75-2	124.93	126.22	123.37	124.84	1.14	ppb
Barium	135-1	598.17	619.79	625.69	614.55	2.36	ppb
Barium	137-1	599.03	604.39	618.79	607.40	1.68	ppb
Beryllium	9-1	127.94	128.00	129.41	128.45	0.65	ppb
Bismuth	209-1				106		%
Bismuth	209-2				99		%
Boron	10-1	124.73	127.17	129.16	127.02	1.74	ppb
Boron	11-1	123.92	126.21	129.75	126.62	2.32	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	129.41	130.81	132.74	130.99	1.27	ppb
Cadmium	106-1	132.70	131.61	130.10	131.47	0.99	ppb
Cadmium	108-1	124.40	127.18	125.95	125.84	1.11	ppb
Calcium	43-1	12963.44	12908.64	12795.08	12889.05	0.67	ppb
Calcium	44-1	12995.92	13056.34	12957.39	13003.22	0.38	ppb
Chromium	52-2	124.81	124.25	123.87	124.31	0.38	ppb
Cobalt	59-2	126.04	125.44	124.29	125.26	0.71	ppb
Copper	63-2	1207.52	1210.41	1192.02	1203.32	0.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	54-2	6653.00	6639.25	6516.08	6602.78	1.14	ppb
Iron	56-2	6320.04	6374.65	6269.06	6321.25	0.84	ppb
Iron	57-2	6262.63	6320.64	6265.03	6282.77	0.52	ppb
Krypton	83-1						cps
Lead	206-1	495.53	519.75	574.36	529.88	7.62	ppb
Lead	207-1	490.88	507.43	565.93	521.41	7.56	ppb

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 12:11:49	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	645.80	674.97	742.53	687.77	7.21	ppb
Lithium	6-1				100		%
Magnesium	24-2	12712.66	12784.52	12414.62	12637.27	1.55	ppb
Manganese	55-2	1220.72	1219.64	1218.54	1219.63	0.09	ppb
Molybdenum	94-1	629.75	616.96	630.57	625.76	1.22	ppb
Molybdenum	95-1	621.61	623.01	621.86	622.16	0.12	ppb
Molybdenum	96-1	621.04	621.49	622.65	621.73	0.13	ppb
Molybdenum	97-1	634.45	630.15	628.28	630.96	0.50	ppb
Molybdenum	98-1	627.30	627.03	631.19	628.51	0.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	124.96	126.80	125.44	125.73	0.76	ppb
Phosphorus	31-2	2521.57	2513.09	2499.01	2511.22	0.45	ppb
Potassium	39-2	6622.41	6694.46	6593.58	6636.82	0.78	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	82-1	125.85	125.19	126.58	125.87	0.55	ppb
Selenium	77-2	125.51	143.94	109.64	126.36	13.58	ppb
Selenium	78-2	125.12	131.33	126.22	127.56	2.60	ppb
Silicon	28-1	141.93	150.82	151.46	148.07	3.60	ppb
Silver	109-1	127.01	128.54	130.41	128.65	1.32	ppb
Silver	107-1	127.42	128.35	129.39	128.39	0.76	ppb
Sodium	23-2	12539.36	12455.33	12461.56	12485.42	0.37	ppb
Strontium	86-1	125.56	124.64	125.72	125.31	0.46	ppb
Strontium	88-1	122.93	122.57	123.15	122.89	0.24	ppb
Sulfur	34-1	2374.63	2499.92	2422.88	2432.48	2.60	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	114.71	116.37	130.75	120.61	7.31	ppb
Thallium	205-1	105.82	108.14	120.64	111.53	7.15	ppb
Thorium	232-1	94.03	95.24	106.92	98.73	7.21	ppb
Tin	118-1	127.19	127.85	128.69	127.91	0.59	ppb
Titanium	47-1	634.20	633.08	623.59	630.29	0.92	ppb
Uranium	238-1	94.37	95.77	108.80	99.64	7.98	ppb

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 12:11:49	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	123.09	123.36	122.22	122.89	0.48	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	1253.19	1254.95	1233.78	1247.30	0.94	ppb
Zirconium	90-1	123.92	123.52	123.56	123.67	0.18	ppb
Zirconium	91-1	127.30	125.65	126.25	126.40	0.66	ppb

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 12:15:20	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4946.55	4940.42	4855.69	4914.22	1.03	ppb
Antimony	121-1	247.05	245.88	244.13	245.69	0.60	ppb
Arsenic	75-2	253.43	250.52	246.55	250.17	1.38	ppb
Barium	135-1	1206.56	1218.85	1207.51	1210.97	0.56	ppb
Barium	137-1	1194.80	1202.35	1194.32	1197.16	0.38	ppb
Beryllium	9-1	254.04	253.03	251.26	252.78	0.56	ppb
Bismuth	209-1				106		%
Bismuth	209-2				99		%
Boron	10-1	243.15	254.11	251.93	249.73	2.32	ppb
Boron	11-1	243.91	250.00	251.10	248.34	1.56	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	257.40	256.49	255.96	256.62	0.28	ppb
Cadmium	106-1	261.32	257.12	260.46	259.64	0.85	ppb
Cadmium	108-1	258.88	257.65	255.02	257.18	0.77	ppb
Calcium	43-1	25892.18	26549.42	26027.79	26156.46	1.33	ppb
Calcium	44-1	24948.54	25574.23	25291.00	25271.26	1.24	ppb
Chromium	52-2	252.26	248.59	247.46	249.44	1.00	ppb
Cobalt	59-2	254.71	250.95	249.02	251.56	1.15	ppb
Copper	63-2	2532.38	2521.99	2523.95	2526.11	0.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	54-2	13575.05	13276.86	13209.33	13353.74	1.46	ppb
Iron	56-2	12851.92	12715.92	12629.60	12732.48	0.88	ppb
Iron	57-2	12821.52	12731.81	12563.56	12705.63	1.03	ppb
Krypton	83-1						cps
Lead	206-1	1280.08	1150.98	1153.21	1194.76	6.19	ppb
Lead	207-1	1135.72	998.71	1012.07	1048.83	7.20	ppb

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 12:15:20	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	1620.71	1434.98	1434.99	1496.89	7.16	ppb
Lithium	6-1				99		%
Magnesium	24-2	24991.77	24835.70	24820.09	24882.52	0.38	ppb
Manganese	55-2	2468.52	2444.59	2442.01	2451.71	0.60	ppb
Molybdenum	94-1	1224.27	1241.71	1228.76	1231.58	0.74	ppb
Molybdenum	95-1	1229.35	1235.41	1227.85	1230.87	0.33	ppb
Molybdenum	96-1	1229.01	1236.36	1225.44	1230.27	0.45	ppb
Molybdenum	97-1	1252.16	1251.46	1244.70	1249.44	0.33	ppb
Molybdenum	98-1	1238.81	1248.79	1250.05	1245.88	0.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	258.31	252.34	250.14	253.59	1.67	ppb
Phosphorus	31-2	4978.12	5018.39	4905.66	4967.39	1.15	ppb
Potassium	39-2	13404.13	13235.52	13270.48	13303.38	0.67	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				96		%
Selenium	82-1	251.60	251.87	250.57	251.35	0.27	ppb
Selenium	77-2	241.07	251.63	242.81	245.17	2.31	ppb
Selenium	78-2	258.24	254.00	258.16	256.80	0.95	ppb
Silicon	28-1	272.34	293.18	293.97	286.50	4.28	ppb
Silver	109-1	256.67	251.80	249.99	252.82	1.37	ppb
Silver	107-1	253.58	250.88	252.40	252.29	0.54	ppb
Sodium	23-2	25426.97	25084.71	24931.08	25147.59	1.01	ppb
Strontium	86-1	246.31	251.70	248.82	248.94	1.08	ppb
Strontium	88-1	243.49	245.46	241.51	243.49	0.81	ppb
Sulfur	34-1	4911.39	5601.62	5031.95	5181.65	7.11	ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	259.81	232.05	233.20	241.69	6.50	ppb
Thallium	205-1	242.57	216.98	216.03	225.19	6.69	ppb
Thorium	232-1	216.45	190.75	194.09	200.43	6.97	ppb
Tin	118-1	257.15	253.04	253.37	254.52	0.90	ppb
Titanium	47-1	1250.67	1280.42	1261.55	1264.21	1.19	ppb
Uranium	238-1	213.89	187.30	191.38	197.52	7.25	ppb

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 12:15:20	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	252.76	247.08	245.14	248.33	1.60	ppb
Yttrium	89-1				102		%
Yttrium	89-2				98		%
Zinc	66-2	2555.46	2510.93	2499.85	2522.08	1.17	ppb
Zirconium	90-1	246.80	249.55	246.22	247.52	0.72	ppb
Zirconium	91-1	251.80	252.14	251.19	251.71	0.19	ppb

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 12:18:48	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9907.43	9958.49	10531.13	10132.35	3.42	ppb
Antimony	121-1	487.54	497.74	491.08	492.12	1.05	ppb
Arsenic	75-2	504.55	501.90	543.04	516.50	4.46	ppb
Barium	135-1	2398.00	2455.02	2429.70	2427.57	1.18	ppb
Barium	137-1	2528.95	2543.38	2563.15	2545.16	0.67	ppb
Beryllium	9-1	503.78	507.24	504.85	505.29	0.35	ppb
Bismuth	209-1				105		%
Bismuth	209-2				95		%
Boron	10-1	501.37	495.17	510.84	502.46	1.57	ppb
Boron	11-1	496.04	503.15	512.78	503.99	1.67	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	510.43	511.89	512.82	511.71	0.24	ppb
Cadmium	106-1	504.79	512.78	510.05	509.21	0.80	ppb
Cadmium	108-1	502.36	496.94	503.49	500.93	0.70	ppb
Calcium	43-1	51702.18	52027.45	52476.32	52068.65	0.75	ppb
Calcium	44-1	50033.11	50519.79	50931.46	50494.79	0.89	ppb
Chromium	52-2	500.30	506.23	536.60	514.38	3.79	ppb
Cobalt	59-2	500.32	502.47	534.11	512.30	3.69	ppb
Copper	63-2	5007.54	5115.04	5344.13	5155.57	3.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				93		%
Iron	54-2	26845.62	26672.85	28385.40	27301.29	3.45	ppb
Iron	56-2	25794.69	25783.16	27447.68	26341.84	3.64	ppb
Iron	57-2	25477.42	25600.71	27207.58	26095.24	3.70	ppb
Krypton	83-1						cps
Lead	206-1	2347.43	2651.79	2306.78	2435.34	7.74	ppb
Lead	207-1	2377.76	2665.98	2353.03	2465.59	7.06	ppb

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 12:18:48	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	2280.58	2665.74	2293.23	2413.18	9.07	ppb
Lithium	6-1				98		%
Magnesium	24-2	50037.15	50255.06	54132.65	51474.95	4.48	ppb
Manganese	55-2	5047.90	4975.68	5376.19	5133.26	4.16	ppb
Molybdenum	94-1	2495.71	2526.05	2539.12	2520.29	0.88	ppb
Molybdenum	95-1	2483.16	2541.19	2525.29	2516.55	1.19	ppb
Molybdenum	96-1	2518.78	2547.50	2524.20	2530.16	0.60	ppb
Molybdenum	97-1	2523.34	2533.78	2533.30	2530.14	0.23	ppb
Molybdenum	98-1	2549.96	2580.11	2564.94	2565.00	0.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	501.42	507.89	536.07	515.13	3.58	ppb
Phosphorus	31-2	9921.20	9952.30	10691.80	10188.43	4.28	ppb
Potassium	39-2	25372.51	25735.96	27408.48	26172.32	4.15	ppb
Rhodium	103-1				97		%
Rhodium	103-2				93		%
Scandium	45-1				97		%
Scandium	45-2				92		%
Selenium	82-1	505.28	511.55	513.98	510.27	0.88	ppb
Selenium	77-2	521.62	492.80	529.81	514.74	3.78	ppb
Selenium	78-2	498.26	493.70	549.09	513.68	5.99	ppb
Silicon	28-1	511.08	530.74	536.30	526.04	2.52	ppb
Silver	109-1	494.07	499.51	501.22	498.26	0.75	ppb
Silver	107-1	492.59	494.14	496.03	494.25	0.35	ppb
Sodium	23-2	50894.74	50802.82	54242.48	51980.01	3.77	ppb
Strontium	86-1	501.05	505.21	509.43	505.23	0.83	ppb
Strontium	88-1	506.70	507.98	506.89	507.19	0.14	ppb
Sulfur	34-1	9428.52	9716.42	9712.48	9619.14	1.72	ppb
Terbium	159-1				103		%
Terbium	159-2				99		%
Thallium	203-1	465.49	527.58	468.65	487.24	7.18	ppb
Thallium	205-1	470.37	533.24	465.02	489.55	7.75	ppb
Thorium	232-1	465.93	532.56	466.87	488.45	7.82	ppb
Tin	118-1	502.89	510.62	511.81	508.44	0.95	ppb
Titanium	47-1	2479.19	2527.11	2549.66	2518.65	1.43	ppb
Uranium	238-1	467.77	532.22	475.17	491.72	7.17	ppb

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 12:18:48	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	498.21	501.40	533.47	511.03	3.82	ppb
Yttrium	89-1				99		%
Yttrium	89-2				94		%
Zinc	66-2	5049.79	5080.24	5394.57	5174.87	3.69	ppb
Zirconium	90-1	498.59	499.57	499.05	499.07	0.10	ppb
Zirconium	91-1	502.60	506.45	508.27	505.77	0.57	ppb

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 12:22:10	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19706.69	19647.83	19648.90	19667.80	0.17	ppb
Antimony	121-1	1007.88	1006.16	1001.17	1005.07	0.35	ppb
Arsenic	75-2	988.57	998.12	988.42	991.70	0.56	ppb
Barium	135-1	5013.48	5094.02	5034.68	5047.39	0.83	ppb
Barium	137-1	4925.90	5063.98	4989.10	4992.99	1.38	ppb
Beryllium	9-1	998.30	994.26	995.80	996.12	0.20	ppb
Bismuth	209-1				100		%
Bismuth	209-2				96		%
Boron	10-1	984.66	1003.83	1007.33	998.60	1.22	ppb
Boron	11-1	995.81	997.88	1001.10	998.26	0.27	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1000.06	984.56	990.23	991.62	0.79	ppb
Cadmium	106-1	1003.92	975.97	996.44	992.11	1.46	ppb
Cadmium	108-1	989.56	1017.66	985.31	997.51	1.76	ppb
Calcium	43-1	102525.09	103382.76	103800.98	103236.28	0.63	ppb
Calcium	44-1	100338.65	99718.13	100283.52	100113.44	0.34	ppb
Chromium	52-2	1002.08	997.10	979.92	993.03	1.17	ppb
Cobalt	59-2	1001.43	994.78	983.93	993.38	0.89	ppb
Copper	63-2	10039.06	9950.48	9775.92	9921.82	1.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				97		%
Indium	115-2				93		%
Iron	54-2	52080.46	52367.26	51715.18	52054.30	0.63	ppb
Iron	56-2	51792.32	51171.77	50755.91	51240.00	1.02	ppb
Iron	57-2	51009.35	50732.45	50137.90	50626.57	0.88	ppb
Krypton	83-1						cps
Lead	206-1	5299.39	5262.59	4618.82	5060.27	7.56	ppb
Lead	207-1	5292.32	5285.90	4670.30	5082.84	7.03	ppb

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 12:22:10	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	5236.42	5159.88	4531.38	4975.90	7.77	ppb
Lithium	6-1				97		%
Magnesium	24-2	100724.63	99453.99	99769.23	99982.62	0.66	ppb
Manganese	55-2	10002.86	9988.60	9857.06	9949.51	0.81	ppb
Molybdenum	94-1	5012.61	4940.93	5029.58	4994.38	0.94	ppb
Molybdenum	95-1	5016.65	4922.10	5051.78	4996.84	1.34	ppb
Molybdenum	96-1	4951.67	4899.08	5120.20	4990.32	2.31	ppb
Molybdenum	97-1	4955.24	4873.20	5123.98	4984.14	2.57	ppb
Molybdenum	98-1	5000.58	4862.14	5041.12	4967.95	1.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	994.20	994.87	985.08	991.38	0.55	ppb
Phosphorus	31-2	20147.18	19775.23	19812.51	19911.64	1.03	ppb
Potassium	39-2	50636.61	50356.06	50503.71	50498.79	0.28	ppb
Rhodium	103-1				94		%
Rhodium	103-2				94		%
Scandium	45-1				96		%
Scandium	45-2				93		%
Selenium	82-1	995.32	988.98	998.81	994.37	0.50	ppb
Selenium	77-2	1022.74	986.50	972.26	993.84	2.62	ppb
Selenium	78-2	1000.10	984.84	988.68	991.21	0.80	ppb
Silicon	28-1	979.37	980.45	963.61	974.47	0.97	ppb
Silver	109-1	1002.68	1006.45	989.58	999.57	0.89	ppb
Silver	107-1	993.88	1020.19	991.15	1001.74	1.60	ppb
Sodium	23-2	102031.43	100584.10	100426.39	101013.97	0.88	ppb
Strontium	86-1	1002.22	982.57	1008.04	997.61	1.34	ppb
Strontium	88-1	991.17	994.00	1009.74	998.30	1.00	ppb
Sulfur	34-1	20144.59	20225.89	20158.37	20176.29	0.22	ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	1057.87	1046.69	923.02	1009.19	7.42	ppb
Thallium	205-1	1060.18	1049.32	930.89	1013.46	7.08	ppb
Thorium	232-1	1066.00	1060.34	939.81	1022.05	6.97	ppb
Tin	118-1	994.29	996.88	991.42	994.20	0.27	ppb
Titanium	47-1	4954.76	4986.59	5017.55	4986.30	0.63	ppb
Uranium	238-1	1071.23	1062.06	929.66	1020.98	7.76	ppb

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 12:22:10	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	999.36	999.96	986.22	995.18	0.78	ppb
Yttrium	89-1				99		%
Yttrium	89-2				95		%
Zinc	66-2	9953.76	9933.19	9834.55	9907.16	0.64	ppb
Zirconium	90-1	999.90	996.77	1007.12	1001.26	0.53	ppb
Zirconium	91-1	994.65	985.93	1008.87	996.49	1.16	ppb

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 12:25:29	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100965.97	100649.41	98558.04	100057.80	1.31	ppb
Antimony	121-1	0.85	0.79	0.76	0.80	5.32	ppb
Arsenic	75-2	0.51	0.50	0.45	0.49	6.25	ppb
Barium	135-1	9.43	8.91	8.99	9.11	3.10	ppb
Barium	137-1	9.14	8.83	8.57	8.85	3.20	ppb
Beryllium	9-1	0.18	0.15	0.12	0.15	19.66	ppb
Bismuth	209-1				87		%
Bismuth	209-2				90		%
Boron	10-1	21.46	20.17	17.14	19.59	11.32	ppb
Boron	11-1	18.64	18.12	17.37	18.04	3.54	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.58	0.43	0.29	0.43	33.10	ppb
Cadmium	106-1	2.20	0.64	-0.91	0.64	241.63	ppb
Cadmium	108-1	1.56	1.14	1.12	1.27	19.41	ppb
Calcium	43-1	492415.42	499873.32	504940.48	499076.41	1.26	ppb
Calcium	44-1	496151.51	499157.12	504388.62	499899.08	0.83	ppb
Chromium	52-2	9.20	8.86	9.02	9.02	1.88	ppb
Cobalt	59-2	1.90	1.95	1.88	1.91	1.91	ppb
Copper	63-2	4.93	4.78	4.59	4.77	3.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				94		%
Indium	115-1				92		%
Indium	115-2				92		%
Iron	54-2	251049.13	250627.70	246239.64	249305.49	1.07	ppb
Iron	56-2	250558.34	249776.51	248477.11	249603.99	0.42	ppb
Iron	57-2	251187.61	250629.37	247443.55	249753.51	0.81	ppb
Krypton	83-1						cps
Lead	206-1	6.86	6.77	6.66	6.76	1.52	ppb
Lead	207-1	6.46	6.52	6.53	6.50	0.55	ppb

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 12:25:29	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	7.24	6.95	6.66	6.95	4.15	ppb
Lithium	6-1				93		%
Magnesium	24-2	502426.58	504085.12	493058.14	499856.61	1.19	ppb
Manganese	55-2	10.49	10.55	10.61	10.55	0.61	ppb
Molybdenum	94-1	2.55	2.47	2.32	2.45	4.91	ppb
Molybdenum	95-1	2.85	2.60	2.50	2.65	6.88	ppb
Molybdenum	96-1	3.20	2.97	2.73	2.97	7.99	ppb
Molybdenum	97-1	2.89	2.46	2.64	2.66	8.20	ppb
Molybdenum	98-1	2.89	2.58	2.49	2.65	7.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.86	6.83	7.21	6.96	3.01	ppb
Phosphorus	31-2	24.01	9.06	4.84	12.64	79.69	ppb
Potassium	39-2	251249.21	249918.27	248026.04	249731.17	0.65	ppb
Rhodium	103-1				87		%
Rhodium	103-2				88		%
Scandium	45-1				93		%
Scandium	45-2				89		%
Selenium	82-1	0.45	0.30	-0.09	0.22	125.40	ppb
Selenium	77-2	0.60	-0.27	-0.27	0.02	2633.00	ppb
Selenium	78-2	-0.21	-1.25	-0.85	-0.77		ppb
Silicon	28-1	38.88	38.04	36.87	37.93	2.66	ppb
Silver	109-1	0.54	0.55	0.51	0.53	4.64	ppb
Silver	107-1	0.58	0.53	0.52	0.55	6.13	ppb
Sodium	23-2	504674.64	500932.47	493161.97	499589.70	1.18	ppb
Strontium	86-1	5.19	5.41	5.48	5.36	2.81	ppb
Strontium	88-1	5.45	5.34	5.34	5.38	1.19	ppb
Sulfur	34-1	-1832.69	-1689.96	-1404.56	-1642.40		ppb
Terbium	159-1				98		%
Terbium	159-2				92		%
Thallium	203-1	0.38	0.30	0.26	0.31	20.07	ppb
Thallium	205-1	0.32	0.26	0.25	0.28	14.87	ppb
Thorium	232-1	0.24	0.21	0.17	0.21	18.35	ppb
Tin	118-1	0.38	0.26	0.35	0.33	17.97	ppb
Titanium	47-1	1.20	1.07	0.96	1.07	11.38	ppb
Uranium	238-1	0.03	-0.01	-0.01	0.00	505.34	ppb

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 12:25:29	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.18	0.22	0.17	0.19	12.97	ppb
Yttrium	89-1				95		%
Yttrium	89-2				94		%
Zinc	66-2	37.26	36.33	36.31	36.64	1.48	ppb
Zirconium	90-1	0.36	0.33	0.30	0.33	9.22	ppb
Zirconium	91-1	0.34	0.31	0.35	0.33	6.15	ppb

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 12:57:44	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	483.67	480.23	471.41	478.44	1.32	ppb
Antimony	121-1	186.09	186.17	182.67	184.98	1.08	ppb
Arsenic	75-2	192.54	190.79	188.90	190.74	0.96	ppb
Barium	135-1	95.00	94.93	93.48	94.47	0.91	ppb
Barium	137-1	95.81	94.16	94.02	94.67	1.05	ppb
Beryllium	9-1	95.57	94.51	94.21	94.77	0.75	ppb
Bismuth	209-1				94		%
Bismuth	209-2				97		%
Boron	10-1	500.17	501.29	494.10	498.52	0.78	ppb
Boron	11-1	494.54	499.43	498.81	497.59	0.54	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	104.17	103.43	100.89	102.83	1.67	ppb
Cadmium	106-1	164.07	162.66	151.51	159.41	4.32	ppb
Cadmium	108-1	147.03	143.99	143.04	144.69	1.44	ppb
Calcium	43-1	2212.90	2153.05	2188.73	2184.89	1.38	ppb
Calcium	44-1	2100.11	2083.19	2091.45	2091.58	0.40	ppb
Chromium	52-2	96.90	95.57	93.52	95.33	1.79	ppb
Cobalt	59-2	97.79	97.88	96.88	97.51	0.57	ppb
Copper	63-2	98.89	97.68	97.25	97.94	0.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				96		%
Iron	54-2	2078.13	2061.76	2041.28	2060.39	0.90	ppb
Iron	56-2	1959.25	1946.52	1908.16	1937.98	1.37	ppb
Iron	57-2	1933.82	1910.47	1891.74	1912.01	1.10	ppb
Krypton	83-1						cps
Lead	206-1	200.95	199.29	202.85	201.03	0.89	ppb
Lead	207-1	183.56	183.26	186.32	184.38	0.92	ppb

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 12:57:44	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	217.78	212.39	210.42	213.53	1.78	ppb
Lithium	6-1				98		%
Magnesium	24-2	1146.16	1127.17	1115.93	1129.76	1.35	ppb
Manganese	55-2	95.61	95.03	94.85	95.16	0.42	ppb
Molybdenum	94-1	2436.74	2371.82	2401.97	2403.51	1.35	ppb
Molybdenum	95-1	2465.40	2399.34	2446.79	2437.18	1.40	ppb
Molybdenum	96-1	2462.00	2384.14	2451.69	2432.61	1.74	ppb
Molybdenum	97-1	2443.88	2391.10	2439.78	2424.92	1.21	ppb
Molybdenum	98-1	2444.67	2400.52	2461.58	2435.59	1.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	99.56	97.14	99.54	98.75	1.41	ppb
Phosphorus	31-2	5.64	7.40	8.36	7.13	19.35	ppb
Potassium	39-2	1981.32	1930.58	1957.81	1956.57	1.30	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				97		%
Scandium	45-2				94		%
Selenium	82-1	195.53	191.87	190.39	192.60	1.37	ppb
Selenium	77-2	203.99	198.92	196.45	199.78	1.92	ppb
Selenium	78-2	192.45	194.28	191.37	192.70	0.76	ppb
Silicon	28-1	492.97	506.15	533.39	510.84	4.04	ppb
Silver	109-1	47.46	46.94	47.15	47.18	0.55	ppb
Silver	107-1	48.01	47.15	47.15	47.44	1.04	ppb
Sodium	23-2	2003.28	1941.51	1951.53	1965.44	1.69	ppb
Strontium	86-1	456.63	445.45	459.43	453.83	1.63	ppb
Strontium	88-1	457.67	451.14	458.27	455.69	0.87	ppb
Sulfur	34-1	-2368.04	-2983.93	-2866.20	-2739.39		ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	221.21	220.42	219.59	220.41	0.37	ppb
Thallium	205-1	205.72	204.56	203.28	204.52	0.60	ppb
Thorium	232-1	34.82	34.81	34.36	34.66	0.75	ppb
Tin	118-1	471.61	468.46	458.79	466.29	1.43	ppb
Titanium	47-1	2453.55	2428.63	2421.68	2434.62	0.69	ppb
Uranium	238-1	519.83	516.97	526.56	521.12	0.94	ppb

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 12:57:44	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	93.36	93.23	92.36	92.98	0.59	ppb
Yttrium	89-1				99		%
Yttrium	89-2				97		%
Zinc	66-2	194.21	190.74	190.87	191.94	1.02	ppb
Zirconium	90-1	450.59	440.94	446.59	446.04	1.09	ppb
Zirconium	91-1	459.98	447.35	455.88	454.40	1.42	ppb

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 13:20:33	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.18	20.95	18.01	20.05	8.81	ppb
Antimony	121-1	1.84	1.94	1.84	1.87	3.09	ppb
Arsenic	75-2	0.85	1.04	0.81	0.90	13.94	ppb
Barium	135-1	9.27	8.67	8.97	8.97	3.35	ppb
Barium	137-1	8.88	9.01	8.89	8.93	0.81	ppb
Beryllium	9-1	1.09	1.02	0.97	1.03	5.93	ppb
Bismuth	209-1				93		%
Bismuth	209-2				94		%
Boron	10-1	23.97	24.77	25.33	24.69	2.77	ppb
Boron	11-1	23.76	25.17	24.59	24.51	2.89	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.86	0.71	0.84	0.80	10.58	ppb
Cadmium	106-1	-1.01	-2.92	-0.16	-1.36		ppb
Cadmium	108-1	0.74	1.05	0.82	0.87	18.43	ppb
Calcium	43-1	479.99	471.03	459.07	470.03	2.23	ppb
Calcium	44-1	477.59	484.14	480.45	480.73	0.68	ppb
Chromium	52-2	1.85	1.95	1.95	1.91	3.06	ppb
Cobalt	59-2	1.00	0.90	0.92	0.94	5.71	ppb
Copper	63-2	1.81	1.83	1.69	1.78	4.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				94		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	54-2	52.85	50.25	51.46	51.52	2.52	ppb
Iron	56-2	49.56	48.62	48.28	48.82	1.36	ppb
Iron	57-2	45.49	50.63	48.95	48.36	5.42	ppb
Krypton	83-1						cps
Lead	206-1	0.91	0.97	1.05	0.98	7.37	ppb
Lead	207-1	0.92	0.92	0.88	0.91	2.26	ppb

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 13:20:33	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.97	1.15	1.17	1.09	10.15	ppb
Lithium	6-1				99		%
Magnesium	24-2	487.61	470.07	468.52	475.40	2.23	ppb
Manganese	55-2	0.98	0.92	0.87	0.92	5.83	ppb
Molybdenum	94-1	4.90	4.60	4.60	4.70	3.63	ppb
Molybdenum	95-1	4.59	4.67	4.72	4.66	1.42	ppb
Molybdenum	96-1	4.42	4.66	4.72	4.60	3.49	ppb
Molybdenum	97-1	4.83	4.62	4.85	4.77	2.72	ppb
Molybdenum	98-1	4.48	4.86	4.67	4.67	4.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.96	1.03	0.91	0.97	6.12	ppb
Phosphorus	31-2	6.46	0.45	-1.69	1.74	243.12	ppb
Potassium	39-2	485.10	491.99	496.85	491.31	1.20	ppb
Rhodium	103-1				99		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				95		%
Selenium	82-1	4.72	5.07	4.77	4.85	3.92	ppb
Selenium	77-2	3.93	8.57	3.13	5.21	56.41	ppb
Selenium	78-2	5.12	4.36	5.07	4.85	8.78	ppb
Silicon	28-1	4.90	6.95	5.84	5.90	17.45	ppb
Silver	109-1	0.98	0.92	0.97	0.96	3.23	ppb
Silver	107-1	0.89	0.93	0.92	0.91	2.03	ppb
Sodium	23-2	509.41	499.76	489.54	499.57	1.99	ppb
Strontium	86-1	0.90	0.89	0.99	0.93	5.79	ppb
Strontium	88-1	0.91	0.91	0.91	0.91	0.18	ppb
Sulfur	34-1	-981.65	-393.53	-915.78	-763.65		ppb
Terbium	159-1				101		%
Terbium	159-2				92		%
Thallium	203-1	0.98	1.06	0.89	0.97	9.00	ppb
Thallium	205-1	0.88	0.94	0.88	0.90	3.90	ppb
Thorium	232-1	0.00	-0.01	-0.01	-0.01		ppb
Tin	118-1	4.34	4.22	4.06	4.21	3.35	ppb
Titanium	47-1	4.99	4.58	4.66	4.74	4.64	ppb
Uranium	238-1	0.87	0.87	0.82	0.85	3.14	ppb

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 13:20:33	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	4.77	4.67	4.50	4.65	2.90	ppb
Yttrium	89-1				100		%
Yttrium	89-2				96		%
Zinc	66-2	1.89	1.98	2.40	2.09	12.93	ppb
Zirconium	90-1	0.93	0.89	0.90	0.91	1.95	ppb
Zirconium	91-1	0.83	0.89	0.83	0.85	3.91	ppb

LB Number : LB112148 Operator : JASWAL
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-11-25 13:27:43 DataFile Name : 014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.21	0.13	-0.15	0.06	294.53	ppb
Antimony	121-1	0.01	0.00	0.01	0.01	49.04	ppb
Arsenic	75-2	0.00	-0.01	0.00	0.00		ppb
Barium	135-1	-0.01	-0.01	-0.01	-0.01		ppb
Barium	137-1	0.00	0.01	-0.01	0.00	528.69	ppb
Beryllium	9-1	0.00	0.01	0.01	0.01	147.93	ppb
Bismuth	209-1				92		%
Bismuth	209-2				93		%
Boron	10-1	1.59	1.64	1.50	1.58	4.55	ppb
Boron	11-1	1.16	1.18	0.93	1.09	12.74	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.18	-0.16	-0.10	-0.15		ppb
Cadmium	106-1	-2.53	-2.23	-1.33	-2.03		ppb
Cadmium	108-1	0.00	-0.07	0.11	0.01	701.19	ppb
Calcium	43-1	1.00	0.74	6.18	2.64	116.19	ppb
Calcium	44-1	-2.13	-0.72	0.29	-0.86		ppb
Chromium	52-2	0.02	-0.03	-0.03	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	416.41	ppb
Copper	63-2	0.05	0.02	-0.06	0.00	1893.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				93		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	54-2	-0.14	-1.02	0.48	-0.23		ppb
Iron	56-2	0.07	0.02	0.15	0.08	77.44	ppb
Iron	57-2	1.07	-0.77	1.33	0.55	210.19	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.07	0.06	0.06	10.75	ppb
Lead	207-1	0.08	0.05	0.07	0.07	19.63	ppb

LB Number : LB112148 Operator : JASWAL
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-11-25 13:27:43 DataFile Name : 014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.04	0.10	0.07	0.07	42.20	ppb
Lithium	6-1				99		%
Magnesium	24-2	0.44	0.27	0.36	0.35	24.13	ppb
Manganese	55-2	0.00	-0.01	0.01	0.00	1647.99	ppb
Molybdenum	94-1	0.05	0.02	0.01	0.03	85.42	ppb
Molybdenum	95-1	0.02	0.02	0.02	0.02	22.13	ppb
Molybdenum	96-1	0.04	0.04	0.02	0.04	37.17	ppb
Molybdenum	97-1	0.01	0.01	0.01	0.01	18.85	ppb
Molybdenum	98-1	0.01	0.03	0.02	0.02	32.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.00	0.00	0.00	180.98	ppb
Phosphorus	31-2	3.95	3.60	-9.53	-0.66		ppb
Potassium	39-2	0.09	-0.28	-9.89	-3.36		ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				97		%
Scandium	45-2				95		%
Selenium	82-1	1.38	-0.36	0.40	0.47	184.97	ppb
Selenium	77-2	-0.27	-0.27	-0.27	-0.27		ppb
Selenium	78-2	-1.75	-0.77	-1.21	-1.24		ppb
Silicon	28-1	-2.82	2.64	-1.89	-0.69		ppb
Silver	109-1	0.00	0.01	0.00	0.00	48.30	ppb
Silver	107-1	0.01	0.00	0.01	0.01	30.61	ppb
Sodium	23-2	10.66	9.08	11.75	10.49	12.81	ppb
Strontium	86-1	0.09	0.10	0.07	0.08	19.17	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	54.46	ppb
Sulfur	34-1	-516.06	-176.89	-191.11	-294.69		ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	0.00	0.00	0.01	0.00	121.94	ppb
Thallium	205-1	0.00	0.00	0.01	0.01	76.38	ppb
Thorium	232-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	-0.43	-0.41	-0.41	-0.42		ppb
Titanium	47-1	0.04	0.07	0.02	0.05	60.40	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	947.94	ppb

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 13:27:43	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.01	0.00	0.00	0.00	94.57	ppb
Yttrium	89-1				98		%
Yttrium	89-2				97		%
Zinc	66-2	0.12	0.06	0.08	0.09	38.07	ppb
Zirconium	90-1	0.02	0.00	0.00	0.01	118.79	ppb
Zirconium	91-1	-0.02	-0.01	-0.01	-0.01		ppb

LB Number : LB112148 Operator : JASWAL
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2020-11-25 13:31:17 DataFile Name : 015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90535.51	91140.55	90901.71	90859.25	0.34	ppb
Antimony	121-1	1.20	1.16	1.10	1.15	4.19	ppb
Arsenic	75-2	0.35	0.31	0.27	0.31	12.45	ppb
Barium	135-1	1.24	1.36	1.40	1.33	6.24	ppb
Barium	137-1	1.49	1.33	1.31	1.37	7.02	ppb
Beryllium	9-1	0.26	0.28	0.19	0.24	18.08	ppb
Bismuth	209-1				98		%
Bismuth	209-2				93		%
Boron	10-1	1.80	1.73	1.85	1.79	3.28	ppb
Boron	11-1	1.63	1.42	1.44	1.50	7.45	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.45	0.32	0.24	0.34	31.28	ppb
Cadmium	106-1	-3.42	-2.72	-4.00	-3.38		ppb
Cadmium	108-1	13.90	14.55	14.34	14.26	2.32	ppb
Calcium	43-1	100606.09	101908.21	96319.17	99611.16	2.94	ppb
Calcium	44-1	98838.98	98546.26	94418.85	97268.03	2.54	ppb
Chromium	52-2	19.36	19.52	19.09	19.32	1.13	ppb
Cobalt	59-2	1.13	1.10	1.11	1.11	1.33	ppb
Copper	63-2	9.19	9.17	9.10	9.15	0.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	54-2	98742.13	98703.59	98240.72	98562.15	0.28	ppb
Iron	56-2	98580.90	98349.67	97952.54	98294.37	0.32	ppb
Iron	57-2	98057.20	96544.57	95523.78	96708.52	1.32	ppb
Krypton	83-1						cps
Lead	206-1	4.40	4.50	3.64	4.18	11.24	ppb
Lead	207-1	3.88	3.95	3.10	3.64	12.99	ppb

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 13:31:17	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	4.76	4.45	4.05	4.42	8.10	ppb
Lithium	6-1				97		%
Magnesium	24-2	92618.17	92389.58	91677.77	92228.51	0.53	ppb
Manganese	55-2	7.27	7.24	7.03	7.18	1.87	ppb
Molybdenum	94-1	1346.41	1320.73	1263.06	1310.07	3.26	ppb
Molybdenum	95-1	1953.25	1917.38	1853.17	1907.93	2.66	ppb
Molybdenum	96-1	1881.28	1839.15	1758.50	1826.31	3.42	ppb
Molybdenum	97-1	1955.28	1893.62	1814.56	1887.82	3.74	ppb
Molybdenum	98-1	1971.94	1915.94	1843.93	1910.61	3.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.53	5.23	5.10	5.29	4.15	ppb
Phosphorus	31-2	94149.19	92511.16	92678.67	93113.01	0.97	ppb
Potassium	39-2	96744.78	96160.84	96519.57	96475.06	0.31	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	0.01	0.82	0.31	0.38	108.29	ppb
Selenium	77-2	-0.27	0.14	-0.27	-0.13		ppb
Selenium	78-2	-1.39	-0.59	-0.80	-0.93		ppb
Silicon	28-1	18.43	19.44	13.21	17.02	19.64	ppb
Silver	109-1	0.29	0.29	0.26	0.28	5.73	ppb
Silver	107-1	0.30	0.25	0.25	0.27	10.85	ppb
Sodium	23-2	96846.60	96692.86	96766.15	96768.54	0.08	ppb
Strontium	86-1	33.57	32.64	32.62	32.94	1.65	ppb
Strontium	88-1	32.97	32.42	31.41	32.27	2.45	ppb
Sulfur	34-1	97707.30	98251.46	90257.92	95405.56	4.68	ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	0.15	0.12	0.11	0.13	18.52	ppb
Thallium	205-1	0.14	0.14	0.10	0.12	19.71	ppb
Thorium	232-1	0.00	0.00	-0.01	0.00		ppb
Tin	118-1	-0.18	-0.16	-0.14	-0.16		ppb
Titanium	47-1	2001.24	2008.30	1904.58	1971.37	2.94	ppb
Uranium	238-1	-0.09	-0.10	-0.07	-0.09		ppb

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 13:31:17	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.16	0.15	0.16	0.16	3.97	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	12.52	11.92	11.78	12.07	3.27	ppb
Zirconium	90-1	0.05	0.04	0.06	0.05	13.68	ppb
Zirconium	91-1	0.02	0.05	0.04	0.04	45.79	ppb

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 13:34:45	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91226.47	90919.78	89045.75	90397.34	1.31	ppb
Antimony	121-1	19.94	20.03	19.77	19.91	0.67	ppb
Arsenic	75-2	19.83	19.81	18.73	19.46	3.23	ppb
Barium	135-1	19.75	19.90	20.71	20.12	2.57	ppb
Barium	137-1	19.75	19.87	20.17	19.93	1.08	ppb
Beryllium	9-1	20.00	19.67	20.03	19.90	1.01	ppb
Bismuth	209-1				110		%
Bismuth	209-2				94		%
Boron	10-1	51.39	46.71	50.72	49.61	5.10	ppb
Boron	11-1	50.16	49.43	51.53	50.38	2.12	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	19.59	19.94	19.56	19.70	1.06	ppb
Cadmium	106-1	20.95	18.41	19.12	19.49	6.72	ppb
Cadmium	108-1	33.34	32.00	33.61	32.98	2.61	ppb
Calcium	43-1	99247.47	98559.36	99836.05	99214.29	0.64	ppb
Calcium	44-1	95871.18	96092.58	96625.40	96196.39	0.40	ppb
Chromium	52-2	38.30	38.92	37.34	38.19	2.09	ppb
Cobalt	59-2	20.82	20.56	20.20	20.53	1.53	ppb
Copper	63-2	28.78	28.82	28.08	28.56	1.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	54-2	98522.23	98987.45	97636.42	98382.04	0.70	ppb
Iron	56-2	99856.73	98722.00	95668.49	98082.41	2.21	ppb
Iron	57-2	98178.11	96673.40	94505.28	96452.27	1.91	ppb
Krypton	83-1						cps
Lead	206-1	19.12	18.95	19.15	19.07	0.57	ppb
Lead	207-1	17.01	17.55	17.22	17.26	1.58	ppb

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 13:34:45	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	20.60	19.69	20.34	20.21	2.32	ppb
Lithium	6-1				94		%
Magnesium	24-2	93270.23	93574.02	90596.36	92480.20	1.77	ppb
Manganese	55-2	25.57	25.49	25.08	25.38	1.02	ppb
Molybdenum	94-1	1370.27	1392.36	1381.23	1381.28	0.80	ppb
Molybdenum	95-1	1912.53	1913.53	1915.79	1913.95	0.09	ppb
Molybdenum	96-1	1845.90	1862.88	1874.03	1860.94	0.76	ppb
Molybdenum	97-1	1912.03	1912.35	1911.48	1911.95	0.02	ppb
Molybdenum	98-1	1932.90	1920.94	1941.71	1931.85	0.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.69	24.75	24.26	24.56	1.09	ppb
Phosphorus	31-2	93245.16	94531.31	91368.86	93048.44	1.71	ppb
Potassium	39-2	97506.16	97547.00	95721.40	96924.85	1.08	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	82-1	19.63	18.15	18.77	18.85	3.95	ppb
Selenium	77-2	17.44	22.35	20.46	20.08	12.32	ppb
Selenium	78-2	17.61	18.50	16.54	17.55	5.60	ppb
Silicon	28-1	54.95	53.31	53.63	53.96	1.61	ppb
Silver	109-1	17.92	18.15	18.16	18.08	0.75	ppb
Silver	107-1	18.21	18.30	18.01	18.18	0.80	ppb
Sodium	23-2	98211.67	97779.98	95247.82	97079.82	1.65	ppb
Strontium	86-1	76.17	77.33	77.10	76.87	0.80	ppb
Strontium	88-1	76.14	75.89	76.31	76.11	0.28	ppb
Sulfur	34-1	93149.29	92036.28	92241.75	92475.77	0.64	ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	18.00	18.59	18.37	18.32	1.64	ppb
Thallium	205-1	16.80	17.00	16.86	16.89	0.61	ppb
Thorium	232-1	4.70	4.71	4.72	4.71	0.26	ppb
Tin	118-1	45.51	44.77	45.38	45.22	0.88	ppb
Titanium	47-1	1980.12	1999.05	2002.67	1993.94	0.61	ppb
Uranium	238-1	38.51	39.21	39.24	38.99	1.06	ppb

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 13:34:45	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	19.27	19.52	18.79	19.19	1.92	ppb
Yttrium	89-1				106		%
Yttrium	89-2				102		%
Zinc	66-2	31.68	31.90	31.14	31.57	1.24	ppb
Zirconium	90-1	44.41	45.03	44.53	44.66	0.73	ppb
Zirconium	91-1	44.45	45.65	45.21	45.10	1.35	ppb

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	CCV23	Instrumnet Name :	P7
Client Sample ID :	CCV23	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 13:38:12	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46843.56	46581.89	45943.47	46456.31	1.00	ppb
Antimony	121-1	472.09	473.59	475.59	473.75	0.37	ppb
Arsenic	75-2	487.80	490.25	480.21	486.08	1.08	ppb
Barium	135-1	2336.49	2349.81	2354.36	2346.89	0.40	ppb
Barium	137-1	2446.94	2485.68	2489.89	2474.17	0.96	ppb
Beryllium	9-1	501.99	504.69	500.53	502.40	0.42	ppb
Bismuth	209-1				97		%
Bismuth	209-2				90		%
Boron	10-1	495.01	513.69	518.14	508.95	2.41	ppb
Boron	11-1	505.96	512.55	518.28	512.26	1.20	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	476.16	477.50	486.61	480.09	1.18	ppb
Cadmium	106-1	472.33	485.08	492.94	483.45	2.15	ppb
Cadmium	108-1	474.39	478.55	479.47	477.47	0.57	ppb
Calcium	43-1	242059.41	236302.24	245297.61	241219.75	1.89	ppb
Calcium	44-1	238701.04	236137.29	240868.48	238568.93	0.99	ppb
Chromium	52-2	494.65	496.33	493.36	494.78	0.30	ppb
Cobalt	59-2	485.63	484.31	484.88	484.94	0.14	ppb
Copper	63-2	4809.43	4808.05	4743.29	4786.92	0.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				98		%
Indium	115-1				101		%
Indium	115-2				94		%
Iron	54-2	122422.09	121909.72	120025.41	121452.41	1.04	ppb
Iron	56-2	119933.41	119962.88	119648.03	119848.11	0.15	ppb
Iron	57-2	119573.54	118531.45	119698.63	119267.87	0.54	ppb
Krypton	83-1						cps
Lead	206-1	2299.97	2651.89	2652.57	2534.81	8.02	ppb
Lead	207-1	2277.11	2623.00	2636.47	2512.19	8.11	ppb

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	CCV23	Instrumnet Name :	P7
Client Sample ID :	CCV23	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 13:38:12	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	2267.11	2644.18	2629.19	2513.49	8.49	ppb
Lithium	6-1				93		%
Magnesium	24-2	241657.11	241849.21	238547.15	240684.49	0.77	ppb
Manganese	55-2	4822.57	4906.36	4858.67	4862.54	0.86	ppb
Molybdenum	94-1	2462.94	2462.75	2507.12	2477.60	1.03	ppb
Molybdenum	95-1	2477.35	2463.89	2505.99	2482.41	0.87	ppb
Molybdenum	96-1	2478.43	2503.10	2493.67	2491.73	0.50	ppb
Molybdenum	97-1	2443.34	2448.24	2462.18	2451.25	0.40	ppb
Molybdenum	98-1	2483.58	2474.47	2517.12	2491.72	0.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	486.16	489.68	481.99	485.94	0.79	ppb
Phosphorus	31-2	9787.06	9835.23	9725.35	9782.55	0.56	ppb
Potassium	39-2	122391.59	121999.15	123488.44	122626.39	0.63	ppb
Rhodium	103-1				96		%
Rhodium	103-2				93		%
Scandium	45-1				100		%
Scandium	45-2				96		%
Selenium	82-1	478.83	477.00	484.28	480.03	0.79	ppb
Selenium	77-2	479.29	461.34	457.24	465.96	2.52	ppb
Selenium	78-2	486.37	477.94	497.22	487.18	1.98	ppb
Silicon	28-1	516.46	518.62	542.37	525.82	2.73	ppb
Silver	109-1	460.94	462.16	468.30	463.80	0.85	ppb
Silver	107-1	462.83	462.37	468.85	464.68	0.78	ppb
Sodium	23-2	244209.45	241683.60	242415.35	242769.47	0.54	ppb
Strontium	86-1	479.64	483.18	479.53	480.79	0.43	ppb
Strontium	88-1	481.55	491.53	487.19	486.76	1.03	ppb
Sulfur	34-1	6744.60	6283.59	6835.44	6621.21	4.47	ppb
Terbium	159-1				106		%
Terbium	159-2				101		%
Thallium	203-1	454.08	528.90	528.53	503.83	8.55	ppb
Thallium	205-1	459.83	532.15	530.62	507.54	8.14	ppb
Thorium	232-1	455.89	529.41	527.91	504.40	8.33	ppb
Tin	118-1	481.41	483.77	486.95	484.04	0.57	ppb
Titanium	47-1	2472.55	2443.03	2477.76	2464.45	0.76	ppb
Uranium	238-1	450.91	517.64	524.75	497.77	8.18	ppb

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	CCV23	Instrumnet Name :	P7
Client Sample ID :	CCV23	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 13:38:12	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	498.22	491.45	498.25	495.97	0.79	ppb
Yttrium	89-1				102		%
Yttrium	89-2				98		%
Zinc	66-2	4800.49	4788.07	4787.66	4792.08	0.15	ppb
Zirconium	90-1	492.24	502.87	482.58	492.56	2.06	ppb
Zirconium	91-1	483.14	487.82	492.90	487.95	1.00	ppb

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	CCB23	Instrumnet Name :	P7
Client Sample ID :	CCB23	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 13:49:21	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.52	2.28	2.52	2.44	5.49	ppb
Antimony	121-1	0.05	0.05	0.09	0.07	37.32	ppb
Arsenic	75-2	0.04	0.06	0.03	0.04	37.65	ppb
Barium	135-1	0.12	0.17	0.14	0.14	17.04	ppb
Barium	137-1	0.17	0.11	0.14	0.14	21.66	ppb
Beryllium	9-1	0.03	0.04	0.07	0.04	43.79	ppb
Bismuth	209-1				106		%
Bismuth	209-2				92		%
Boron	10-1	3.30	3.72	3.23	3.42	7.79	ppb
Boron	11-1	3.15	2.99	2.81	2.98	5.76	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.04	-0.22	-0.23	-0.14		ppb
Cadmium	106-1	-0.16	-3.41	-3.35	-2.31		ppb
Cadmium	108-1	-0.04	-0.07	0.07	-0.01		ppb
Calcium	43-1	17.05	15.18	12.18	14.81	16.60	ppb
Calcium	44-1	16.71	17.69	18.18	17.53	4.26	ppb
Chromium	52-2	0.06	0.03	0.07	0.05	35.34	ppb
Cobalt	59-2	0.03	0.06	0.03	0.04	36.88	ppb
Copper	63-2	0.32	0.37	0.31	0.34	9.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				94		%
Indium	115-1				100		%
Indium	115-2				96		%
Iron	54-2	9.00	8.57	10.42	9.33	10.37	ppb
Iron	56-2	8.73	8.66	8.42	8.60	1.87	ppb
Iron	57-2	8.08	9.61	7.08	8.26	15.41	ppb
Krypton	83-1						cps
Lead	206-1	0.35	0.34	0.32	0.34	4.55	ppb
Lead	207-1	0.35	0.37	0.30	0.34	10.44	ppb

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	CCB23	Instrumnet Name :	P7
Client Sample ID :	CCB23	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 13:49:21	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.25	0.26	0.41	0.31	28.56	ppb
Lithium	6-1				96		%
Magnesium	24-2	19.82	18.09	18.19	18.70	5.18	ppb
Manganese	55-2	0.32	0.34	0.32	0.33	2.36	ppb
Molybdenum	94-1	0.16	0.15	0.20	0.17	15.19	ppb
Molybdenum	95-1	0.21	0.20	0.19	0.20	5.85	ppb
Molybdenum	96-1	0.14	0.19	0.17	0.17	15.79	ppb
Molybdenum	97-1	0.19	0.14	0.18	0.17	15.19	ppb
Molybdenum	98-1	0.21	0.19	0.22	0.21	5.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.04	0.02	0.03	42.51	ppb
Phosphorus	31-2	8.82	-3.54	0.30	1.86	340.08	ppb
Potassium	39-2	19.61	20.98	24.22	21.60	10.95	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				94		%
Selenium	82-1	-0.38	0.53	-0.56	-0.14		ppb
Selenium	77-2	-0.27	0.58	-0.27	0.01	3811.72	ppb
Selenium	78-2	-1.08	-1.51	-0.37	-0.99		ppb
Silicon	28-1	-5.03	-4.87	-4.98	-4.96		ppb
Silver	109-1	0.02	0.01	0.02	0.02	26.10	ppb
Silver	107-1	0.03	0.02	0.02	0.03	15.35	ppb
Sodium	23-2	72.26	70.23	69.02	70.50	2.33	ppb
Strontium	86-1	0.15	0.06	0.09	0.10	42.63	ppb
Strontium	88-1	0.03	0.03	0.04	0.03	15.42	ppb
Sulfur	34-1	-989.37	-1153.76	-1273.92	-1139.02		ppb
Terbium	159-1				102		%
Terbium	159-2				97		%
Thallium	203-1	0.06	0.06	0.05	0.06	7.07	ppb
Thallium	205-1	0.05	0.05	0.05	0.05	1.01	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	6.52	ppb
Tin	118-1	-0.34	-0.36	-0.38	-0.36		ppb
Titanium	47-1	0.11	0.25	0.13	0.16	47.82	ppb
Uranium	238-1	0.02	0.02	0.01	0.01	21.54	ppb

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	CCB23	Instrumnet Name :	P7
Client Sample ID :	CCB23	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 13:49:21	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.03	0.03	0.02	0.02	32.29	ppb
Yttrium	89-1				101		%
Yttrium	89-2				96		%
Zinc	66-2	0.34	0.44	0.55	0.45	22.82	ppb
Zirconium	90-1	0.07	0.04	0.06	0.05	25.87	ppb
Zirconium	91-1	0.02	0.03	0.05	0.03	36.89	ppb

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 13:52:53	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.51	22.27	20.75	21.51	3.54	ppb
Antimony	121-1	1.84	1.78	1.84	1.82	1.99	ppb
Arsenic	75-2	0.96	0.90	0.99	0.95	5.06	ppb
Barium	135-1	8.62	9.41	8.94	8.99	4.42	ppb
Barium	137-1	8.84	9.34	8.93	9.04	2.99	ppb
Beryllium	9-1	1.03	1.13	0.83	1.00	15.66	ppb
Bismuth	209-1				109		%
Bismuth	209-2				92		%
Boron	10-1	23.70	25.56	26.11	25.13	5.03	ppb
Boron	11-1	24.87	25.26	25.75	25.29	1.76	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.68	0.63	0.75	0.68	8.74	ppb
Cadmium	106-1	-2.05	-2.50	-0.68	-1.74		ppb
Cadmium	108-1	0.81	0.99	0.82	0.88	11.71	ppb
Calcium	43-1	469.06	470.56	478.08	472.57	1.02	ppb
Calcium	44-1	490.37	477.29	480.58	482.75	1.41	ppb
Chromium	52-2	1.98	1.88	1.89	1.92	3.06	ppb
Cobalt	59-2	0.94	0.97	0.95	0.95	1.38	ppb
Copper	63-2	1.76	1.73	1.70	1.73	1.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				95		%
Indium	115-1				101		%
Indium	115-2				96		%
Iron	54-2	51.23	52.75	51.04	51.67	1.82	ppb
Iron	56-2	50.43	50.04	48.56	49.68	1.99	ppb
Iron	57-2	50.01	51.58	51.72	51.10	1.86	ppb
Krypton	83-1						cps
Lead	206-1	0.89	0.97	0.93	0.93	4.64	ppb
Lead	207-1	0.90	0.89	0.86	0.88	2.50	ppb

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 13:52:53	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.87	1.08	1.03	0.99	10.69	ppb
Lithium	6-1				98		%
Magnesium	24-2	478.07	481.97	475.03	478.36	0.73	ppb
Manganese	55-2	0.94	1.01	0.81	0.92	11.25	ppb
Molybdenum	94-1	4.58	4.54	4.55	4.56	0.39	ppb
Molybdenum	95-1	4.66	4.63	4.70	4.66	0.76	ppb
Molybdenum	96-1	4.86	4.45	4.72	4.68	4.47	ppb
Molybdenum	97-1	4.73	4.69	4.85	4.75	1.77	ppb
Molybdenum	98-1	4.59	4.73	4.81	4.71	2.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.18	1.00	1.12	1.10	8.47	ppb
Phosphorus	31-2	18.10	-3.84	-3.12	3.72	335.42	ppb
Potassium	39-2	494.15	491.50	493.26	492.97	0.27	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				95		%
Selenium	82-1	4.78	4.98	4.72	4.83	2.80	ppb
Selenium	77-2	4.83	3.50	7.29	5.21	36.90	ppb
Selenium	78-2	3.07	2.91	3.20	3.06	4.81	ppb
Silicon	28-1	3.87	2.78	3.86	3.51	17.90	ppb
Silver	109-1	0.98	0.99	0.92	0.96	3.75	ppb
Silver	107-1	0.91	0.97	0.95	0.94	3.56	ppb
Sodium	23-2	529.03	538.48	535.54	534.35	0.91	ppb
Strontium	86-1	0.88	0.94	0.93	0.92	3.23	ppb
Strontium	88-1	0.88	0.86	0.95	0.90	4.95	ppb
Sulfur	34-1	-1043.31	-1217.94	-1066.08	-1109.11		ppb
Terbium	159-1				103		%
Terbium	159-2				97		%
Thallium	203-1	0.88	0.81	0.88	0.86	4.73	ppb
Thallium	205-1	0.80	0.78	0.81	0.80	1.86	ppb
Thorium	232-1	0.00	-0.01	-0.01	-0.01		ppb
Tin	118-1	4.15	4.35	4.28	4.26	2.41	ppb
Titanium	47-1	5.01	4.76	4.40	4.72	6.48	ppb
Uranium	238-1	0.75	0.70	0.70	0.72	3.89	ppb

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 13:52:53	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	4.76	4.59	4.56	4.64	2.37	ppb
Yttrium	89-1				101		%
Yttrium	89-2				96		%
Zinc	66-2	2.18	2.17	2.17	2.17	0.22	ppb
Zirconium	90-1	0.88	0.89	0.92	0.90	2.47	ppb
Zirconium	91-1	0.74	0.86	0.95	0.85	11.94	ppb

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	PB132720BL	Instrumnet Name :	P7
Client Sample ID :	PB132720BL	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 13:56:25	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.07	-0.35	0.06	-0.07		ppb
Antimony	121-1	0.01	0.01	0.02	0.02	48.55	ppb
Arsenic	75-2	0.01	0.01	0.01	0.01	2.79	ppb
Barium	135-1	0.01	0.01	0.00	0.01	59.23	ppb
Barium	137-1	0.01	0.01	0.00	0.01	78.01	ppb
Beryllium	9-1	0.00	0.01	0.00	0.00	209.45	ppb
Bismuth	209-1				100		%
Bismuth	209-2				90		%
Boron	10-1	1.59	2.14	2.17	1.97	16.64	ppb
Boron	11-1	1.71	1.44	1.27	1.48	15.10	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.09	-0.15	-0.15	-0.13		ppb
Cadmium	106-1	-1.49	-2.09	-2.13	-1.90		ppb
Cadmium	108-1	-0.14	-0.07	-0.07	-0.10		ppb
Calcium	43-1	-1.95	6.46	-1.69	0.94	508.81	ppb
Calcium	44-1	1.62	0.07	0.23	0.64	133.47	ppb
Chromium	52-2	0.01	0.01	0.01	0.01	26.28	ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	63.01	ppb
Copper	63-2	-0.06	-0.01	-0.06	-0.04		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				92		%
Indium	115-1				99		%
Indium	115-2				95		%
Iron	54-2	0.59	0.56	1.12	0.76	41.85	ppb
Iron	56-2	0.46	0.38	0.44	0.43	9.94	ppb
Iron	57-2	1.34	0.14	0.21	0.56	118.69	ppb
Krypton	83-1						cps
Lead	206-1	0.15	0.19	0.18	0.17	9.94	ppb
Lead	207-1	0.17	0.15	0.20	0.17	12.59	ppb

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	PB132720BL	Instrumnet Name :	P7
Client Sample ID :	PB132720BL	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 13:56:25	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.14	0.20	0.13	0.15	24.93	ppb
Lithium	6-1				97		%
Magnesium	24-2	0.99	1.01	0.91	0.97	5.45	ppb
Manganese	55-2	0.04	0.00	0.01	0.02	108.00	ppb
Molybdenum	94-1	0.02	0.02	0.05	0.03	72.91	ppb
Molybdenum	95-1	0.01	0.04	0.02	0.02	53.33	ppb
Molybdenum	96-1	0.03	0.03	0.03	0.03	10.69	ppb
Molybdenum	97-1	0.01	0.03	0.02	0.02	37.09	ppb
Molybdenum	98-1	0.02	0.02	0.01	0.01	36.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	-0.02	0.00		ppb
Phosphorus	31-2	7.15	2.65	6.83	5.54	45.29	ppb
Potassium	39-2	-0.28	9.89	2.35	3.99	132.24	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				98		%
Scandium	45-2				95		%
Selenium	82-1	0.98	0.42	0.64	0.68	41.33	ppb
Selenium	77-2	-0.27	-0.27	-0.27	-0.27		ppb
Selenium	78-2	-0.36	-1.14	-0.46	-0.65		ppb
Silicon	28-1	-2.17	-4.47	-4.60	-3.75		ppb
Silver	109-1	0.00	0.00	0.00	0.00	2.47	ppb
Silver	107-1	0.01	0.01	0.01	0.01	45.98	ppb
Sodium	23-2	37.35	36.94	35.97	36.75	1.93	ppb
Strontium	86-1	0.03	0.05	-0.04	0.01	303.94	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	185.54	ppb
Sulfur	34-1	-728.45	-1200.24	-1283.80	-1070.83		ppb
Terbium	159-1				102		%
Terbium	159-2				91		%
Thallium	203-1	0.01	0.01	0.01	0.01	7.15	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	21.18	ppb
Thorium	232-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	-0.43	-0.42	-0.40	-0.42		ppb
Titanium	47-1	0.11	0.00	0.02	0.04	140.26	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	PB132720BL	Instrumnet Name :	P7
Client Sample ID :	PB132720BL	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 13:56:25	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				100		%
Yttrium	89-2				95		%
Zinc	66-2	0.09	0.16	0.28	0.18	51.77	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	27.69	ppb
Zirconium	91-1	0.01	0.01	-0.01	0.00	1037.20	ppb

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	PB132720BS	Instrumnet Name :	P7
Client Sample ID :	PB132720BS	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 13:59:58	DataFile Name :	021LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9848.38	9819.71	9713.99	9794.03	0.72	ppb
Antimony	121-1	484.80	483.27	477.76	481.94	0.77	ppb
Arsenic	75-2	496.35	495.05	495.55	495.65	0.13	ppb
Barium	135-1	2341.79	2397.85	2354.30	2364.64	1.24	ppb
Barium	137-1	2484.87	2534.27	2508.01	2509.05	0.99	ppb
Beryllium	9-1	506.29	493.04	492.35	497.23	1.58	ppb
Bismuth	209-1				111		%
Bismuth	209-2				92		%
Boron	10-1	492.77	486.28	488.04	489.03	0.69	ppb
Boron	11-1	493.80	490.33	486.10	490.08	0.79	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	499.03	502.18	495.59	498.93	0.66	ppb
Cadmium	106-1	499.64	489.06	496.10	494.93	1.09	ppb
Cadmium	108-1	489.86	503.52	488.59	493.99	1.68	ppb
Calcium	43-1	51801.56	51306.07	51298.79	51468.81	0.56	ppb
Calcium	44-1	50540.92	49830.52	50259.28	50210.24	0.71	ppb
Chromium	52-2	493.79	495.44	492.40	493.88	0.31	ppb
Cobalt	59-2	493.39	497.14	492.61	494.38	0.49	ppb
Copper	63-2	4966.66	4964.48	4923.32	4951.49	0.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				97		%
Iron	54-2	26398.31	26207.15	26203.50	26269.65	0.42	ppb
Iron	56-2	25613.02	25689.77	25385.56	25562.78	0.62	ppb
Iron	57-2	25246.61	25102.88	24874.39	25074.63	0.75	ppb
Krypton	83-1						cps
Lead	206-1	2303.23	2305.76	2251.72	2286.90	1.33	ppb
Lead	207-1	2322.74	2304.49	2242.73	2289.99	1.83	ppb

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	PB132720BS	Instrumnet Name :	P7
Client Sample ID :	PB132720BS	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 13:59:58	DataFile Name :	021LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	2216.24	2326.61	2256.99	2266.62	2.46	ppb
Lithium	6-1				99		%
Magnesium	24-2	50720.75	49931.39	49560.46	50070.87	1.18	ppb
Manganese	55-2	4992.26	4963.75	4974.34	4976.78	0.29	ppb
Molybdenum	94-1	2492.21	2492.75	2500.39	2495.12	0.18	ppb
Molybdenum	95-1	2520.25	2474.41	2516.53	2503.73	1.02	ppb
Molybdenum	96-1	2506.47	2464.40	2527.70	2499.52	1.29	ppb
Molybdenum	97-1	2483.73	2439.17	2482.20	2468.37	1.02	ppb
Molybdenum	98-1	2544.14	2483.48	2526.30	2517.97	1.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	493.08	491.50	490.80	491.79	0.24	ppb
Phosphorus	31-2	10059.53	9934.66	9827.58	9940.59	1.17	ppb
Potassium	39-2	25784.16	25716.29	25473.89	25658.11	0.64	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	82-1	503.68	491.58	504.40	499.89	1.44	ppb
Selenium	77-2	507.17	481.32	495.73	494.74	2.62	ppb
Selenium	78-2	499.11	502.84	499.38	500.44	0.42	ppb
Silicon	28-1	567.54	572.34	579.76	573.21	1.07	ppb
Silver	109-1	487.39	490.10	480.75	486.08	0.99	ppb
Silver	107-1	481.91	487.65	476.53	482.03	1.15	ppb
Sodium	23-2	51054.17	50405.78	50318.67	50592.87	0.79	ppb
Strontium	86-1	500.87	488.06	496.88	495.27	1.32	ppb
Strontium	88-1	504.99	494.32	500.78	500.03	1.08	ppb
Sulfur	34-1	9157.62	8355.93	8253.84	8589.13	5.76	ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	449.03	455.68	439.44	448.05	1.82	ppb
Thallium	205-1	459.18	461.18	450.71	457.02	1.22	ppb
Thorium	232-1	441.37	448.11	434.57	441.35	1.53	ppb
Tin	118-1	495.43	498.40	496.53	496.79	0.30	ppb
Titanium	47-1	2487.74	2470.69	2445.55	2467.99	0.86	ppb
Uranium	238-1	435.83	435.80	435.48	435.71	0.04	ppb

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	PB132720BS	Instrumnet Name :	P7
Client Sample ID :	PB132720BS	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 13:59:58	DataFile Name :	021LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	494.96	495.50	489.33	493.26	0.69	ppb
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	4969.40	4940.47	4910.50	4940.12	0.60	ppb
Zirconium	90-1	488.72	481.72	505.08	491.84	2.44	ppb
Zirconium	91-1	500.40	492.55	498.09	497.01	0.81	ppb

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	L4548-11DL2X5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL2	Dilution Factor :	5
Date & Time Acquired ::	2020-11-25 14:16:51	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15238.68	15379.28	14925.88	15181.28	1.53	ppb
Antimony	121-1	86.40	86.32	88.00	86.91	1.09	ppb
Arsenic	75-2	401.87	399.36	397.42	399.55	0.56	ppb
Barium	135-1	1332.24	1346.76	1342.83	1340.61	0.56	ppb
Barium	137-1	1312.76	1339.11	1356.77	1336.21	1.66	ppb
Beryllium	9-1	99.90	97.35	97.61	98.29	1.43	ppb
Bismuth	209-1				108		%
Bismuth	209-2				90		%
Boron	10-1	125.77	131.85	129.41	129.01	2.37	ppb
Boron	11-1	132.21	134.15	134.16	133.51	0.84	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	447.46	448.02	452.91	449.46	0.67	ppb
Cadmium	106-1	378.60	373.96	377.59	376.72	0.65	ppb
Cadmium	108-1	389.56	389.66	402.68	393.97	1.92	ppb
Calcium	43-1	13649.63	13736.02	13886.54	13757.40	0.87	ppb
Calcium	44-1	13618.54	13758.26	13807.80	13728.20	0.71	ppb
Chromium	52-2	126.71	127.67	125.51	126.63	0.86	ppb
Cobalt	59-2	320.83	322.54	316.31	319.89	1.01	ppb
Copper	63-2	482.40	486.10	477.14	481.88	0.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				97		%
Indium	115-1				101		%
Indium	115-2				96		%
Iron	54-2	29537.18	29782.87	29227.00	29515.68	0.94	ppb
Iron	56-2	28988.11	29617.76	28905.49	29170.45	1.34	ppb
Iron	57-2	28925.10	29080.73	28315.84	28773.89	1.40	ppb
Krypton	83-1						cps
Lead	206-1	257.19	258.32	258.42	257.98	0.27	ppb
Lead	207-1	240.08	243.12	242.79	242.00	0.69	ppb

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	L4548-11DL2X5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL2	Dilution Factor :	5
Date & Time Acquired ::	2020-11-25 14:16:51	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	270.63	268.69	269.65	269.66	0.36	ppb
Lithium	6-1				114		%
Magnesium	24-2	5684.85	5715.86	5559.14	5653.28	1.47	ppb
Manganese	55-2	313.64	317.59	311.05	314.09	1.05	ppb
Molybdenum	94-1	158.59	159.61	159.79	159.33	0.41	ppb
Molybdenum	95-1	218.25	216.92	219.45	218.21	0.58	ppb
Molybdenum	96-1	210.79	207.74	213.91	210.81	1.46	ppb
Molybdenum	97-1	220.87	216.34	222.77	219.99	1.50	ppb
Molybdenum	98-1	216.90	218.23	221.21	218.78	1.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	532.42	532.18	528.09	530.90	0.46	ppb
Phosphorus	31-2	1535.89	1533.35	1476.23	1515.16	2.23	ppb
Potassium	39-2	3852.08	3893.75	3861.50	3869.11	0.56	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	82-1	215.74	215.94	219.12	216.93	0.87	ppb
Selenium	77-2	235.03	228.82	231.45	231.76	1.34	ppb
Selenium	78-2	227.28	229.62	219.46	225.45	2.36	ppb
Silicon	28-1	190.37	189.27	189.30	189.64	0.33	ppb
Silver	109-1	64.10	63.27	64.50	63.96	0.98	ppb
Silver	107-1	64.31	64.22	64.93	64.49	0.60	ppb
Sodium	23-2	5767.42	5766.50	5724.64	5752.85	0.42	ppb
Strontium	86-1	279.50	284.44	288.03	283.99	1.51	ppb
Strontium	88-1	275.25	276.71	276.86	276.27	0.32	ppb
Sulfur	34-1	-3159.04	-2852.28	-3273.13	-3094.82		ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	569.10	572.49	573.00	571.53	0.37	ppb
Thallium	205-1	574.19	582.21	578.01	578.14	0.69	ppb
Thorium	232-1	8.04	8.05	7.99	8.03	0.40	ppb
Tin	118-1	228.11	232.27	234.84	231.74	1.47	ppb
Titanium	47-1	225.27	229.53	228.32	227.70	0.97	ppb
Uranium	238-1	110.21	110.86	110.42	110.50	0.30	ppb

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	L4548-11DL2X5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL2	Dilution Factor :	5
Date & Time Acquired ::	2020-11-25 14:16:51	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	484.10	490.23	484.71	486.35	0.69	ppb
Yttrium	89-1				105		%
Yttrium	89-2				101		%
Zinc	66-2	947.73	952.34	939.39	946.49	0.69	ppb
Zirconium	90-1	4.23	4.16	4.13	4.17	1.28	ppb
Zirconium	91-1	4.32	4.32	4.27	4.31	0.65	ppb

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	L4548-11DL3X10	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL3	Dilution Factor :	10
Date & Time Acquired ::	2020-11-25 14:20:21	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7736.67	7668.85	7539.55	7648.36	1.31	ppb
Antimony	121-1	43.46	43.88	43.74	43.69	0.50	ppb
Arsenic	75-2	202.55	204.95	202.83	203.44	0.64	ppb
Barium	135-1	667.84	676.48	670.86	671.73	0.65	ppb
Barium	137-1	670.00	672.32	668.84	670.38	0.26	ppb
Beryllium	9-1	53.27	53.07	53.64	53.33	0.54	ppb
Bismuth	209-1				107		%
Bismuth	209-2				90		%
Boron	10-1	72.16	72.73	75.05	73.31	2.09	ppb
Boron	11-1	76.61	75.94	76.12	76.23	0.45	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	224.47	228.75	224.89	226.04	1.04	ppb
Cadmium	106-1	191.17	193.23	188.63	191.01	1.21	ppb
Cadmium	108-1	193.66	194.07	193.75	193.83	0.11	ppb
Calcium	43-1	6958.80	6828.10	7070.84	6952.58	1.75	ppb
Calcium	44-1	6903.40	6910.27	6942.55	6918.74	0.30	ppb
Chromium	52-2	65.52	64.53	63.57	64.54	1.51	ppb
Cobalt	59-2	163.23	161.78	161.75	162.25	0.52	ppb
Copper	63-2	245.94	246.02	243.64	245.20	0.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				94		%
Indium	115-1				102		%
Indium	115-2				96		%
Iron	54-2	15275.43	15074.22	14809.75	15053.13	1.55	ppb
Iron	56-2	15149.76	14831.63	14554.91	14845.43	2.01	ppb
Iron	57-2	14772.75	14571.81	14396.55	14580.37	1.29	ppb
Krypton	83-1						cps
Lead	206-1	132.27	132.81	126.67	130.58	2.61	ppb
Lead	207-1	123.73	123.44	120.58	122.58	1.42	ppb

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	L4548-11DL3X10	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL3	Dilution Factor :	10
Date & Time Acquired ::	2020-11-25 14:20:21	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	138.39	137.50	131.48	135.79	2.77	ppb
Lithium	6-1				103		%
Magnesium	24-2	2889.65	2879.27	2826.62	2865.18	1.18	ppb
Manganese	55-2	160.35	160.66	156.34	159.11	1.51	ppb
Molybdenum	94-1	80.58	79.79	80.75	80.38	0.64	ppb
Molybdenum	95-1	110.97	109.73	110.93	110.54	0.64	ppb
Molybdenum	96-1	107.55	106.65	107.04	107.08	0.42	ppb
Molybdenum	97-1	112.14	111.69	111.86	111.89	0.20	ppb
Molybdenum	98-1	112.19	110.43	113.04	111.89	1.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	270.91	269.49	267.56	269.32	0.62	ppb
Phosphorus	31-2	794.45	813.41	806.86	804.91	1.20	ppb
Potassium	39-2	1955.22	1980.80	1967.72	1967.91	0.65	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				98		%
Selenium	82-1	112.50	109.70	112.49	111.56	1.45	ppb
Selenium	77-2	107.16	120.63	105.09	110.96	7.61	ppb
Selenium	78-2	115.80	118.76	112.76	115.77	2.59	ppb
Silicon	28-1	89.04	89.69	91.79	90.17	1.59	ppb
Silver	109-1	31.96	32.78	32.37	32.37	1.27	ppb
Silver	107-1	32.32	32.81	32.16	32.43	1.04	ppb
Sodium	23-2	2961.72	2952.80	2921.47	2945.33	0.72	ppb
Strontium	86-1	142.75	143.62	146.38	144.25	1.31	ppb
Strontium	88-1	140.08	139.75	140.58	140.14	0.30	ppb
Sulfur	34-1	-4031.43	-4335.53	-4245.01	-4203.99		ppb
Terbium	159-1				105		%
Terbium	159-2				100		%
Thallium	203-1	288.52	286.69	282.49	285.90	1.08	ppb
Thallium	205-1	267.35	268.96	261.02	265.78	1.58	ppb
Thorium	232-1	4.08	4.07	3.92	4.02	2.14	ppb
Tin	118-1	114.92	115.89	115.38	115.40	0.42	ppb
Titanium	47-1	112.51	113.16	113.22	112.96	0.35	ppb
Uranium	238-1	56.31	56.82	55.14	56.09	1.54	ppb

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	L4548-11DL3X10	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL3	Dilution Factor :	10
Date & Time Acquired ::	2020-11-25 14:20:21	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	244.17	246.82	242.81	244.60	0.83	ppb
Yttrium	89-1				104		%
Yttrium	89-2				99		%
Zinc	66-2	482.47	486.33	474.05	480.95	1.31	ppb
Zirconium	90-1	2.10	2.06	2.11	2.09	1.41	ppb
Zirconium	91-1	2.43	2.31	2.32	2.35	2.80	ppb

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	L4548-11	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOIL	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 14:25:00	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	70243.55	67059.07	71366.98	69556.53	3.21	ppb
Antimony	121-1	424.50	427.13	422.10	424.58	0.59	ppb
Arsenic	75-2	1827.07	1737.71	1850.73	1805.17	3.30	ppb
Barium	135-1	7050.60	7020.83	7089.07	7053.50	0.49	ppb
Barium	137-1	6973.97	7098.32	6946.06	7006.11	1.16	ppb
Beryllium	9-1	313.92	317.78	321.37	317.69	1.17	ppb
Bismuth	209-1				108		%
Bismuth	209-2				87		%
Boron	10-1	436.90	442.70	454.40	444.67	2.00	ppb
Boron	11-1	453.87	465.79	476.90	465.52	2.47	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	2185.54	2180.48	2167.29	2177.77	0.43	ppb
Cadmium	106-1	1883.04	1836.84	1830.70	1850.19	1.55	ppb
Cadmium	108-1	1926.31	1920.24	1879.03	1908.52	1.35	ppb
Calcium	43-1	66411.11	65778.84	66277.52	66155.82	0.50	ppb
Calcium	44-1	65159.08	64091.33	64195.56	64481.99	0.91	ppb
Chromium	52-2	606.04	582.42	606.90	598.45	2.32	ppb
Cobalt	59-2	1569.95	1523.82	1608.17	1567.31	2.69	ppb
Copper	63-2	2394.58	2301.05	2453.67	2383.10	3.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				98		%
Indium	115-1				104		%
Indium	115-2				97		%
Iron	54-2	140508.78	134047.09	141413.46	138656.44	2.90	ppb
Iron	56-2	137788.91	133761.78	140212.14	137254.28	2.37	ppb
Iron	57-2	135063.46	132362.14	138043.11	135156.24	2.10	ppb
Krypton	83-1						cps
Lead	206-1	1508.26	1505.78	1549.97	1521.34	1.63	ppb
Lead	207-1	1453.01	1435.61	1480.95	1456.52	1.57	ppb

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	L4548-11	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOIL	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 14:25:00	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	1558.74	1565.86	1597.35	1573.98	1.31	ppb
Lithium	6-1				155		%
Magnesium	24-2	26462.54	25452.05	27181.35	26365.31	3.30	ppb
Manganese	55-2	1470.95	1417.98	1476.74	1455.22	2.23	ppb
Molybdenum	94-1	711.08	725.39	723.73	720.06	1.09	ppb
Molybdenum	95-1	978.01	991.04	982.73	983.93	0.67	ppb
Molybdenum	96-1	955.61	958.54	955.08	956.41	0.19	ppb
Molybdenum	97-1	1002.26	1007.62	1002.20	1004.03	0.31	ppb
Molybdenum	98-1	1023.35	1026.97	1016.00	1022.10	0.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2472.77	2393.32	2553.43	2473.17	3.24	ppb
Phosphorus	31-2	7265.52	6967.49	7230.32	7154.45	2.28	ppb
Potassium	39-2	17632.51	16846.31	17974.33	17484.39	3.31	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				108		%
Selenium	82-1	993.16	996.31	997.80	995.76	0.24	ppb
Selenium	77-2	1048.70	1000.01	1107.59	1052.10	5.12	ppb
Selenium	78-2	1017.68	973.55	1023.71	1004.98	2.72	ppb
Silicon	28-1	966.95	879.02	917.99	921.32	4.78	ppb
Silver	109-1	311.11	311.06	305.20	309.12	1.10	ppb
Silver	107-1	310.72	310.33	304.99	308.68	1.04	ppb
Sodium	23-2	26937.36	26055.32	27343.63	26778.77	2.46	ppb
Strontium	86-1	1277.88	1289.22	1283.26	1283.46	0.44	ppb
Strontium	88-1	1302.88	1302.39	1308.53	1304.60	0.26	ppb
Sulfur	34-1	-4498.71	-5037.47	-5082.02	-4872.73		ppb
Terbium	159-1				107		%
Terbium	159-2				101		%
Thallium	203-1	3301.70	3261.75	3354.04	3305.83	1.40	ppb
Thallium	205-1	3040.94	2998.69	3100.51	3046.71	1.68	ppb
Thorium	232-1	41.14	41.14	42.08	41.45	1.31	ppb
Tin	118-1	1129.46	1135.19	1123.28	1129.31	0.53	ppb
Titanium	47-1	1101.66	1086.24	1087.08	1091.66	0.79	ppb
Uranium	238-1	674.90	663.84	688.69	675.81	1.84	ppb

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	L4548-11	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOIL	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 14:25:00	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	2394.32	2272.87	2391.46	2352.88	2.95	ppb
Yttrium	89-1				116		%
Yttrium	89-2				112		%
Zinc	66-2	4351.53	4200.96	4455.02	4335.84	2.95	ppb
Zirconium	90-1	18.94	18.56	18.90	18.80	1.13	ppb
Zirconium	91-1	19.96	19.52	20.18	19.89	1.68	ppb

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	L4548-11DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	2
Date & Time Acquired ::	2020-11-25 14:37:58	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36599.87	36084.69	34373.12	35685.89	3.27	ppb
Antimony	121-1	212.91	211.81	213.87	212.86	0.49	ppb
Arsenic	75-2	966.94	970.57	953.90	963.80	0.91	ppb
Barium	135-1	3288.47	3282.12	3337.41	3302.67	0.92	ppb
Barium	137-1	3488.44	3472.48	3550.67	3503.86	1.18	ppb
Beryllium	9-1	198.33	199.73	201.75	199.93	0.86	ppb
Bismuth	209-1				111		%
Bismuth	209-2				88		%
Boron	10-1	266.70	277.95	282.44	275.70	2.94	ppb
Boron	11-1	280.58	289.81	292.79	287.73	2.21	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1090.34	1087.89	1100.26	1092.83	0.60	ppb
Cadmium	106-1	917.76	935.45	932.90	928.70	1.03	ppb
Cadmium	108-1	960.39	967.23	956.80	961.48	0.55	ppb
Calcium	43-1	33445.82	34102.12	34181.80	33909.92	1.19	ppb
Calcium	44-1	32411.11	32661.27	33227.65	32766.68	1.28	ppb
Chromium	52-2	317.88	310.72	303.40	310.66	2.33	ppb
Cobalt	59-2	795.91	777.80	755.52	776.41	2.61	ppb
Copper	63-2	1196.54	1168.43	1142.41	1169.13	2.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				96		%
Indium	115-1				104		%
Indium	115-2				95		%
Iron	54-2	73597.93	72320.01	69438.49	71785.48	2.97	ppb
Iron	56-2	72564.76	71945.45	68621.26	71043.82	2.99	ppb
Iron	57-2	71325.39	69756.59	67180.68	69420.89	3.01	ppb
Krypton	83-1						cps
Lead	206-1	630.35	633.16	646.31	636.61	1.34	ppb
Lead	207-1	590.60	589.03	597.99	592.54	0.81	ppb

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	L4548-11DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	2
Date & Time Acquired ::	2020-11-25 14:37:58	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	854.58	875.82	882.70	871.03	1.68	ppb
Lithium	6-1				129		%
Magnesium	24-2	13731.51	13416.33	13166.56	13438.13	2.11	ppb
Manganese	55-2	770.87	758.82	737.12	755.60	2.26	ppb
Molybdenum	94-1	386.46	378.29	389.72	384.82	1.53	ppb
Molybdenum	95-1	524.95	517.29	528.52	523.59	1.10	ppb
Molybdenum	96-1	509.34	502.46	509.19	507.00	0.78	ppb
Molybdenum	97-1	534.00	520.71	532.42	529.04	1.37	ppb
Molybdenum	98-1	529.62	522.72	537.03	529.79	1.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1326.58	1303.49	1252.37	1294.15	2.93	ppb
Phosphorus	31-2	3849.24	3809.62	3506.68	3721.85	5.03	ppb
Potassium	39-2	9378.17	9236.75	9146.08	9253.66	1.26	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	82-1	532.03	518.88	533.19	528.03	1.51	ppb
Selenium	77-2	543.55	585.93	549.88	559.79	4.08	ppb
Selenium	78-2	547.20	543.09	540.18	543.49	0.65	ppb
Silicon	28-1	461.64	459.58	468.61	463.28	1.02	ppb
Silver	109-1	157.95	155.61	156.31	156.62	0.76	ppb
Silver	107-1	156.48	156.97	157.64	157.03	0.37	ppb
Sodium	23-2	13834.38	13564.62	13460.49	13619.83	1.42	ppb
Strontium	86-1	680.09	670.97	678.97	676.68	0.73	ppb
Strontium	88-1	691.19	687.71	692.58	690.50	0.36	ppb
Sulfur	34-1	-4816.22	-4858.60	-4881.68	-4852.17		ppb
Terbium	159-1				108		%
Terbium	159-2				100		%
Thallium	203-1	1566.53	1571.69	1605.87	1581.36	1.35	ppb
Thallium	205-1	1461.09	1469.51	1501.20	1477.27	1.43	ppb
Thorium	232-1	19.76	19.77	19.94	19.82	0.52	ppb
Tin	118-1	566.82	563.87	568.07	566.25	0.38	ppb
Titanium	47-1	547.27	561.12	558.17	555.52	1.31	ppb
Uranium	238-1	322.89	323.98	331.98	326.28	1.52	ppb

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	L4548-11DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	2
Date & Time Acquired ::	2020-11-25 14:37:58	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	1213.03	1189.75	1163.66	1188.81	2.08	ppb
Yttrium	89-1				111		%
Yttrium	89-2				105		%
Zinc	66-2	2327.33	2276.49	2219.08	2274.30	2.38	ppb
Zirconium	90-1	10.01	9.76	9.89	9.89	1.27	ppb
Zirconium	91-1	10.10	10.42	10.67	10.40	2.71	ppb

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	L4548-11RE	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILRE	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 14:43:55	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	70909.44	69618.27	69701.84	70076.52	1.03	ppb
Antimony	121-1	417.17	421.23	413.68	417.36	0.91	ppb
Arsenic	75-2	1859.69	1850.81	1835.29	1848.60	0.67	ppb
Barium	135-1	6910.88	7019.90	6817.62	6916.13	1.46	ppb
Barium	137-1	6898.78	6906.62	6726.92	6844.11	1.48	ppb
Beryllium	9-1	319.49	315.45	314.60	316.51	0.82	ppb
Bismuth	209-1				110		%
Bismuth	209-2				86		%
Boron	10-1	443.27	435.47	450.40	443.05	1.69	ppb
Boron	11-1	464.59	463.12	474.89	467.53	1.37	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	2128.04	2157.82	2110.16	2132.01	1.13	ppb
Cadmium	106-1	1829.60	1826.39	1783.15	1813.05	1.43	ppb
Cadmium	108-1	1889.23	1906.90	1884.39	1893.51	0.63	ppb
Calcium	43-1	66117.79	64686.33	66170.73	65658.29	1.28	ppb
Calcium	44-1	63623.68	63675.19	64903.62	64067.50	1.13	ppb
Chromium	52-2	625.64	614.26	610.36	616.76	1.29	ppb
Cobalt	59-2	1626.19	1624.00	1592.53	1614.24	1.17	ppb
Copper	63-2	2474.74	2452.51	2455.98	2461.08	0.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				97		%
Indium	115-1				105		%
Indium	115-2				95		%
Iron	54-2	143671.29	142631.97	141586.59	142629.95	0.73	ppb
Iron	56-2	141316.19	141818.05	138653.77	140596.00	1.21	ppb
Iron	57-2	141894.16	139507.42	137370.96	139590.85	1.62	ppb
Krypton	83-1						cps
Lead	206-1	1492.86	1549.08	1535.17	1525.71	1.92	ppb
Lead	207-1	1418.91	1480.93	1472.77	1457.54	2.31	ppb

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	L4548-11RE	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILRE	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 14:43:55	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	1550.83	1577.99	1565.65	1564.82	0.87	ppb
Lithium	6-1				148		%
Magnesium	24-2	26933.59	26764.48	26602.86	26766.98	0.62	ppb
Manganese	55-2	1491.76	1493.47	1474.64	1486.62	0.70	ppb
Molybdenum	94-1	707.41	711.12	715.93	711.49	0.60	ppb
Molybdenum	95-1	968.92	974.13	984.22	975.76	0.80	ppb
Molybdenum	96-1	938.93	938.78	956.28	944.66	1.06	ppb
Molybdenum	97-1	990.14	997.79	1005.00	997.64	0.74	ppb
Molybdenum	98-1	1004.66	1022.55	1027.08	1018.10	1.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2573.88	2575.98	2541.60	2563.82	0.75	ppb
Phosphorus	31-2	7208.84	7396.89	7081.71	7229.15	2.19	ppb
Potassium	39-2	17633.22	17632.72	17460.33	17575.42	0.57	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Selenium	82-1	981.47	990.50	992.52	988.16	0.60	ppb
Selenium	77-2	1085.32	1021.35	1056.80	1054.49	3.04	ppb
Selenium	78-2	1001.12	1010.47	1007.85	1006.48	0.48	ppb
Silicon	28-1	949.34	922.12	957.68	943.05	1.97	ppb
Silver	109-1	303.17	306.89	300.22	303.43	1.10	ppb
Silver	107-1	305.03	304.30	302.92	304.08	0.35	ppb
Sodium	23-2	27200.28	27235.23	26918.34	27117.95	0.64	ppb
Strontium	86-1	1264.11	1266.31	1272.14	1267.52	0.33	ppb
Strontium	88-1	1286.17	1291.67	1276.97	1284.94	0.58	ppb
Sulfur	34-1	-5260.26	-5839.77	-5558.07	-5552.70		ppb
Terbium	159-1				110		%
Terbium	159-2				98		%
Thallium	203-1	3257.65	3332.49	3302.66	3297.60	1.14	ppb
Thallium	205-1	3003.14	3080.70	3082.64	3055.49	1.48	ppb
Thorium	232-1	39.81	41.48	40.75	40.68	2.07	ppb
Tin	118-1	1117.20	1113.52	1103.35	1111.36	0.65	ppb
Titanium	47-1	1091.53	1067.38	1090.07	1082.99	1.25	ppb
Uranium	238-1	656.80	680.80	658.29	665.30	2.02	ppb

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	L4548-11RE	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILRE	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 14:43:55	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	2434.72	2430.27	2404.16	2423.05	0.68	ppb
Yttrium	89-1				118		%
Yttrium	89-2				110		%
Zinc	66-2	4522.49	4491.82	4452.66	4488.99	0.78	ppb
Zirconium	90-1	18.43	18.63	18.54	18.54	0.54	ppb
Zirconium	91-1	19.18	19.68	19.17	19.34	1.49	ppb

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	L4548-11DLREX5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDLRE	Dilution Factor :	5
Date & Time Acquired ::	2020-11-25 14:47:15	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15009.59	14990.55	14501.38	14833.84	1.94	ppb
Antimony	121-1	85.28	86.52	85.16	85.65	0.88	ppb
Arsenic	75-2	408.88	407.93	400.71	405.84	1.10	ppb
Barium	135-1	1303.41	1336.26	1314.59	1318.09	1.27	ppb
Barium	137-1	1296.22	1321.79	1307.83	1308.61	0.98	ppb
Beryllium	9-1	100.48	98.70	101.50	100.23	1.41	ppb
Bismuth	209-1				112		%
Bismuth	209-2				87		%
Boron	10-1	144.74	143.69	157.08	148.50	5.02	ppb
Boron	11-1	155.10	157.86	158.55	157.17	1.16	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	440.09	443.10	433.38	438.86	1.13	ppb
Cadmium	106-1	365.42	373.45	361.25	366.71	1.69	ppb
Cadmium	108-1	382.28	388.50	383.40	384.72	0.86	ppb
Calcium	43-1	13655.11	13894.73	13723.81	13757.88	0.90	ppb
Calcium	44-1	13667.73	13782.43	13749.18	13733.11	0.43	ppb
Chromium	52-2	131.92	131.90	126.52	130.12	2.39	ppb
Cobalt	59-2	332.66	330.59	324.32	329.19	1.32	ppb
Copper	63-2	502.56	499.75	487.63	496.65	1.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				93		%
Indium	115-1				103		%
Indium	115-2				94		%
Iron	54-2	30432.67	30236.40	29447.93	30039.00	1.74	ppb
Iron	56-2	30306.88	30026.47	29271.71	29868.36	1.79	ppb
Iron	57-2	29475.32	29452.16	28725.15	29217.54	1.46	ppb
Krypton	83-1						cps
Lead	206-1	249.04	258.87	254.22	254.05	1.94	ppb
Lead	207-1	236.61	238.51	238.37	237.83	0.45	ppb

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	L4548-11DLREX5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDLRE	Dilution Factor :	5
Date & Time Acquired ::	2020-11-25 14:47:15	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	265.31	270.67	264.44	266.81	1.26	ppb
Lithium	6-1				98		%
Magnesium	24-2	5783.62	5684.93	5542.78	5670.44	2.14	ppb
Manganese	55-2	320.71	318.93	311.00	316.88	1.63	ppb
Molybdenum	94-1	159.11	158.36	157.28	158.25	0.58	ppb
Molybdenum	95-1	219.09	215.75	215.73	216.86	0.89	ppb
Molybdenum	96-1	209.38	210.46	209.94	209.93	0.26	ppb
Molybdenum	97-1	219.92	218.00	221.83	219.92	0.87	ppb
Molybdenum	98-1	219.64	219.42	220.77	219.95	0.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	554.12	554.22	544.90	551.08	0.97	ppb
Phosphorus	31-2	1582.32	1462.31	1448.29	1497.64	4.92	ppb
Potassium	39-2	3792.88	3780.82	3724.72	3766.14	0.97	ppb
Rhodium	103-1				103		%
Rhodium	103-2				99		%
Scandium	45-1				98		%
Scandium	45-2				96		%
Selenium	82-1	217.52	218.77	216.38	217.56	0.55	ppb
Selenium	77-2	218.55	245.25	238.57	234.12	5.93	ppb
Selenium	78-2	221.78	224.99	214.32	220.37	2.48	ppb
Silicon	28-1	172.84	182.24	174.65	176.58	2.82	ppb
Silver	109-1	61.74	62.98	62.58	62.43	1.02	ppb
Silver	107-1	62.01	62.82	62.14	62.32	0.70	ppb
Sodium	23-2	5877.32	5844.91	5693.57	5805.27	1.69	ppb
Strontium	86-1	282.27	280.62	286.56	283.15	1.08	ppb
Strontium	88-1	274.20	273.35	274.19	273.91	0.18	ppb
Sulfur	34-1	-6292.76	-6024.15	-5921.43	-6079.45		ppb
Terbium	159-1				108		%
Terbium	159-2				100		%
Thallium	203-1	565.27	565.33	557.39	562.66	0.81	ppb
Thallium	205-1	574.97	580.17	568.03	574.39	1.06	ppb
Thorium	232-1	7.97	8.00	7.87	7.95	0.85	ppb
Tin	118-1	226.21	229.52	224.56	226.76	1.11	ppb
Titanium	47-1	226.81	225.09	228.48	226.79	0.75	ppb
Uranium	238-1	109.12	109.69	107.67	108.83	0.95	ppb

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	L4548-11DLREX5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDLRE	Dilution Factor :	5
Date & Time Acquired ::	2020-11-25 14:47:15	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	501.20	497.57	486.74	495.17	1.52	ppb
Yttrium	89-1				106		%
Yttrium	89-2				98		%
Zinc	66-2	972.53	973.75	949.80	965.36	1.40	ppb
Zirconium	90-1	4.01	4.04	4.09	4.05	0.99	ppb
Zirconium	91-1	4.24	4.35	4.39	4.32	1.77	ppb

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	L4548-11DL4X20	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL4	Dilution Factor :	20
Date & Time Acquired ::	2020-11-25 14:50:57	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3720.98	3763.17	3666.63	3716.93	1.30	ppb
Antimony	121-1	21.14	21.36	21.36	21.29	0.59	ppb
Arsenic	75-2	100.89	99.75	99.63	100.09	0.69	ppb
Barium	135-1	327.65	334.06	326.52	329.41	1.23	ppb
Barium	137-1	329.29	334.61	326.00	329.97	1.32	ppb
Beryllium	9-1	28.29	27.20	27.73	27.74	1.97	ppb
Bismuth	209-1				111		%
Bismuth	209-2				89		%
Boron	10-1	48.35	50.10	49.58	49.34	1.82	ppb
Boron	11-1	50.77	49.34	49.68	49.93	1.50	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	110.78	111.03	109.08	110.29	0.96	ppb
Cadmium	106-1	89.71	93.89	88.92	90.84	2.94	ppb
Cadmium	108-1	94.85	95.81	97.15	95.94	1.20	ppb
Calcium	43-1	3375.95	3357.87	3481.02	3404.95	1.95	ppb
Calcium	44-1	3428.82	3399.95	3461.56	3430.11	0.90	ppb
Chromium	52-2	32.47	32.58	31.91	32.32	1.11	ppb
Cobalt	59-2	81.70	81.96	81.18	81.61	0.49	ppb
Copper	63-2	124.08	124.54	123.40	124.01	0.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				97		%
Indium	115-1				104		%
Indium	115-2				95		%
Iron	54-2	7575.48	7608.25	7424.05	7535.93	1.30	ppb
Iron	56-2	7481.41	7506.39	7258.18	7415.33	1.84	ppb
Iron	57-2	7270.77	7307.89	7186.95	7255.20	0.85	ppb
Krypton	83-1						cps
Lead	206-1	64.25	64.92	64.33	64.50	0.56	ppb
Lead	207-1	60.71	59.47	59.74	59.97	1.09	ppb

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	L4548-11DL4X20	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL4	Dilution Factor :	20
Date & Time Acquired ::	2020-11-25 14:50:57	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	66.42	68.32	68.33	67.69	1.62	ppb
Lithium	6-1				91		%
Magnesium	24-2	1419.64	1427.14	1388.57	1411.78	1.45	ppb
Manganese	55-2	79.50	80.27	78.03	79.27	1.44	ppb
Molybdenum	94-1	40.38	40.34	40.25	40.32	0.17	ppb
Molybdenum	95-1	54.91	54.73	54.32	54.66	0.56	ppb
Molybdenum	96-1	53.46	53.01	54.08	53.52	1.01	ppb
Molybdenum	97-1	56.28	54.34	55.85	55.49	1.83	ppb
Molybdenum	98-1	55.76	55.55	55.53	55.61	0.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	135.71	137.80	134.84	136.12	1.12	ppb
Phosphorus	31-2	368.57	393.46	341.75	367.93	7.03	ppb
Potassium	39-2	941.20	936.97	940.81	939.66	0.25	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				96		%
Selenium	82-1	56.14	54.38	54.51	55.01	1.78	ppb
Selenium	77-2	52.84	51.22	57.80	53.95	6.36	ppb
Selenium	78-2	56.48	54.65	54.45	55.19	2.03	ppb
Silicon	28-1	36.10	35.17	42.08	37.79	9.92	ppb
Silver	109-1	16.03	15.75	15.73	15.84	1.04	ppb
Silver	107-1	15.67	15.51	15.48	15.56	0.65	ppb
Sodium	23-2	1459.90	1454.83	1431.69	1448.81	1.04	ppb
Strontium	86-1	70.44	70.54	70.72	70.57	0.20	ppb
Strontium	88-1	69.80	69.21	69.64	69.55	0.44	ppb
Sulfur	34-1	-6063.97	-6147.69	-5633.68	-5948.44		ppb
Terbium	159-1				107		%
Terbium	159-2				100		%
Thallium	203-1	141.10	138.95	141.21	140.42	0.91	ppb
Thallium	205-1	130.92	129.30	130.22	130.14	0.62	ppb
Thorium	232-1	1.94	1.91	2.00	1.95	2.40	ppb
Tin	118-1	55.78	56.71	57.05	56.51	1.16	ppb
Titanium	47-1	56.34	56.95	57.26	56.85	0.82	ppb
Uranium	238-1	26.82	26.93	27.10	26.95	0.52	ppb

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	L4548-11DL4X20	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL4	Dilution Factor :	20
Date & Time Acquired ::	2020-11-25 14:50:57	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	123.63	123.98	121.74	123.12	0.98	ppb
Yttrium	89-1				104		%
Yttrium	89-2				98		%
Zinc	66-2	240.88	244.52	238.87	241.42	1.19	ppb
Zirconium	90-1	1.04	1.02	1.01	1.02	1.72	ppb
Zirconium	91-1	0.94	1.11	1.10	1.05	8.93	ppb

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	CCV24	Instrumnet Name :	P7
Client Sample ID :	CCV24	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 14:57:25	DataFile Name :	029CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46654.30	46947.81	46594.79	46732.30	0.40	ppb
Antimony	121-1	468.93	461.68	459.26	463.29	1.09	ppb
Arsenic	75-2	496.65	494.90	489.29	493.61	0.78	ppb
Barium	135-1	2342.85	2300.09	2259.26	2300.74	1.82	ppb
Barium	137-1	2481.36	2452.36	2417.02	2450.25	1.32	ppb
Beryllium	9-1	503.48	494.38	500.10	499.32	0.92	ppb
Bismuth	209-1				100		%
Bismuth	209-2				84		%
Boron	10-1	503.51	514.32	519.22	512.35	1.57	ppb
Boron	11-1	524.44	515.57	524.35	521.45	0.98	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	479.31	472.31	462.37	471.33	1.81	ppb
Cadmium	106-1	493.84	478.01	468.09	479.98	2.71	ppb
Cadmium	108-1	475.07	462.90	464.63	467.53	1.41	ppb
Calcium	43-1	245753.56	243116.03	240117.14	242995.57	1.16	ppb
Calcium	44-1	243419.85	237907.44	239876.01	240401.10	1.16	ppb
Chromium	52-2	508.71	504.66	502.07	505.15	0.66	ppb
Cobalt	59-2	501.78	498.66	494.61	498.35	0.72	ppb
Copper	63-2	5000.14	5022.10	4926.87	4983.04	1.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				93		%
Indium	115-1				98		%
Indium	115-2				89		%
Iron	54-2	125222.10	124138.24	122676.19	124012.17	1.03	ppb
Iron	56-2	124477.69	123503.45	123134.50	123705.22	0.56	ppb
Iron	57-2	124837.63	121883.90	122257.64	122993.06	1.31	ppb
Krypton	83-1						cps
Lead	206-1	2762.46	2326.41	2278.57	2455.82	10.86	ppb
Lead	207-1	2741.52	2275.44	2272.12	2429.69	11.11	ppb

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	CCV24	Instrumnet Name :	P7
Client Sample ID :	CCV24	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 14:57:25	DataFile Name :	029CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	2784.24	2313.80	2248.39	2448.81	11.94	ppb
Lithium	6-1				91		%
Magnesium	24-2	244055.04	244840.68	242193.95	243696.56	0.56	ppb
Manganese	55-2	5012.77	4999.22	4984.12	4998.70	0.29	ppb
Molybdenum	94-1	2473.67	2494.46	2472.15	2480.09	0.50	ppb
Molybdenum	95-1	2521.21	2502.84	2458.26	2494.11	1.30	ppb
Molybdenum	96-1	2502.98	2487.31	2464.51	2484.93	0.78	ppb
Molybdenum	97-1	2467.93	2430.82	2422.57	2440.44	0.99	ppb
Molybdenum	98-1	2550.79	2523.11	2499.51	2524.47	1.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	503.29	497.45	494.68	498.47	0.88	ppb
Phosphorus	31-2	9874.79	9932.47	9899.54	9902.27	0.29	ppb
Potassium	39-2	122975.11	122676.27	121999.16	122550.18	0.41	ppb
Rhodium	103-1				95		%
Rhodium	103-2				91		%
Scandium	45-1				95		%
Scandium	45-2				89		%
Selenium	82-1	476.98	477.71	473.97	476.22	0.42	ppb
Selenium	77-2	488.55	498.12	484.97	490.55	1.39	ppb
Selenium	78-2	488.48	491.29	494.61	491.46	0.62	ppb
Silicon	28-1	508.92	511.78	522.71	514.47	1.41	ppb
Silver	109-1	461.52	453.60	444.91	453.34	1.83	ppb
Silver	107-1	458.95	453.29	444.39	452.21	1.62	ppb
Sodium	23-2	251389.93	248776.28	250305.30	250157.17	0.52	ppb
Strontium	86-1	478.64	475.20	478.46	477.44	0.41	ppb
Strontium	88-1	499.70	483.61	475.81	486.37	2.50	ppb
Sulfur	34-1	8416.45	7570.79	7764.83	7917.36	5.60	ppb
Terbium	159-1				106		%
Terbium	159-2				97		%
Thallium	203-1	537.36	451.09	443.60	477.35	10.92	ppb
Thallium	205-1	547.67	463.93	456.36	489.32	10.36	ppb
Thorium	232-1	537.88	449.86	448.01	478.58	10.73	ppb
Tin	118-1	487.11	476.17	471.62	478.30	1.66	ppb
Titanium	47-1	2484.32	2446.98	2445.39	2458.90	0.90	ppb
Uranium	238-1	529.52	439.60	444.04	471.05	10.76	ppb

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	CCV24	Instrumnet Name :	P7
Client Sample ID :	CCV24	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 14:57:25	DataFile Name :	029CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	503.88	504.49	497.70	502.02	0.75	ppb
Yttrium	89-1				100		%
Yttrium	89-2				92		%
Zinc	66-2	4978.62	4935.06	4929.13	4947.60	0.55	ppb
Zirconium	90-1	479.04	473.72	468.21	473.66	1.14	ppb
Zirconium	91-1	486.45	484.00	477.86	482.77	0.92	ppb

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	CCB24	Instrumnet Name :	P7
Client Sample ID :	CCB24	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 15:04:55	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.08	2.87	2.75	2.57	16.53	ppb
Antimony	121-1	0.07	0.08	0.07	0.07	9.77	ppb
Arsenic	75-2	0.06	0.07	0.08	0.07	11.82	ppb
Barium	135-1	0.06	0.08	0.11	0.08	24.89	ppb
Barium	137-1	0.09	0.12	0.09	0.10	16.43	ppb
Beryllium	9-1	0.03	0.03	0.06	0.04	43.03	ppb
Bismuth	209-1				109		%
Bismuth	209-2				88		%
Boron	10-1	5.95	7.47	6.75	6.72	11.32	ppb
Boron	11-1	6.61	6.61	6.51	6.58	0.85	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.24	-0.19	-0.15	-0.19		ppb
Cadmium	106-1	-3.68	-2.83	-2.51	-3.00		ppb
Cadmium	108-1	-0.14	0.10	-0.01	-0.02		ppb
Calcium	43-1	6.86	10.47	10.22	9.18	21.96	ppb
Calcium	44-1	10.93	8.70	7.51	9.04	19.20	ppb
Chromium	52-2	0.07	0.04	0.03	0.05	40.58	ppb
Cobalt	59-2	0.03	0.02	0.03	0.03	13.64	ppb
Copper	63-2	0.24	0.34	0.30	0.29	17.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				92		%
Indium	115-1				101		%
Indium	115-2				93		%
Iron	54-2	6.92	5.90	6.96	6.59	9.14	ppb
Iron	56-2	5.66	5.82	5.72	5.73	1.41	ppb
Iron	57-2	6.00	5.39	5.73	5.71	5.33	ppb
Krypton	83-1						cps
Lead	206-1	0.39	0.41	0.43	0.41	4.53	ppb
Lead	207-1	0.41	0.38	0.37	0.39	5.19	ppb

LB Number : LB112148 Operator : JASWAL
 Lab Sample ID : CCB24 Instrumnet Name : P7
 Client Sample ID : CCB24 Dilution Factor : 1
 Date & Time Acquired :: 2020-11-25 15:04:55 DataFile Name : 030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.41	0.39	0.48	0.43	10.79	ppb
Lithium	6-1				94		%
Magnesium	24-2	11.45	11.84	11.62	11.64	1.70	ppb
Manganese	55-2	0.22	0.22	0.22	0.22	2.29	ppb
Molybdenum	94-1	0.16	0.12	0.15	0.14	13.49	ppb
Molybdenum	95-1	0.12	0.15	0.11	0.13	16.37	ppb
Molybdenum	96-1	0.10	0.15	0.14	0.13	19.23	ppb
Molybdenum	97-1	0.15	0.17	0.16	0.16	7.31	ppb
Molybdenum	98-1	0.11	0.15	0.12	0.13	15.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.03	0.03	0.04	20.64	ppb
Phosphorus	31-2	-7.11	-6.45	11.20	-0.79		ppb
Potassium	39-2	1.90	12.36	10.12	8.13	67.77	ppb
Rhodium	103-1				100		%
Rhodium	103-2				96		%
Scandium	45-1				95		%
Scandium	45-2				91		%
Selenium	82-1	0.01	0.70	0.09	0.27	142.22	ppb
Selenium	77-2	-0.27	-0.27	-0.27	-0.27		ppb
Selenium	78-2	-0.81	-1.28	-0.99	-1.03		ppb
Silicon	28-1	-5.11	-7.43	-7.00	-6.51		ppb
Silver	109-1	0.02	0.02	0.03	0.02	39.79	ppb
Silver	107-1	0.03	0.02	0.03	0.03	23.69	ppb
Sodium	23-2	66.65	66.95	64.96	66.19	1.62	ppb
Strontium	86-1	0.12	0.13	0.02	0.09	64.32	ppb
Strontium	88-1	0.02	0.02	0.02	0.02	19.47	ppb
Sulfur	34-1	-1513.66	-1951.88	-2297.01	-1920.85		ppb
Terbium	159-1				105		%
Terbium	159-2				100		%
Thallium	203-1	0.06	0.07	0.09	0.08	19.34	ppb
Thallium	205-1	0.07	0.06	0.08	0.07	14.93	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	6.92	ppb
Tin	118-1	-0.37	-0.35	-0.36	-0.36		ppb
Titanium	47-1	0.08	0.12	0.07	0.09	28.04	ppb
Uranium	238-1	0.01	0.01	0.00	0.01	44.01	ppb

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	CCB24	Instrumnet Name :	P7
Client Sample ID :	CCB24	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 15:04:55	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.01	0.02	0.02	0.02	40.42	ppb
Yttrium	89-1				100		%
Yttrium	89-2				93		%
Zinc	66-2	0.40	0.55	0.84	0.60	37.01	ppb
Zirconium	90-1	0.04	0.03	0.04	0.04	13.24	ppb
Zirconium	91-1	0.01	0.05	0.01	0.02	123.89	ppb

LB Number : LB112148 Operator : JASWAL
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2020-11-25 12:01:14 DataFile Name : 003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	133	58	125	106	38.94	cps
Antimony	121-1	33	8	50	31	68.64	cps
Arsenic	75-2	11	7	9	9	19.98	cps
Barium	135-1	25	25	8	19	49.50	cps
Barium	137-1	8	17	42	22	78.07	cps
Beryllium	9-1	44	11	50	35	59.78	cps
Bismuth	209-1	6285535	6301689	7049123	6545449	6.67	cps
Bismuth	209-2	4388438	4405887	4306106	4366810	1.22	cps
Boron	10-1	100	83	117	100	16.66	cps
Boron	11-1	692	808	883	794	12.16	cps
Bromine	81-1	3259	3275	3559	3364	5.01	cps
Bromine	81-2	50	100	100	83	34.64	cps
Cadmium	111-1	3549	3334	3353	3412	3.48	cps
Cadmium	106-1	5093	4759	4784	4879	3.81	cps
Cadmium	108-1	29	8	13	17	66.16	cps
Calcium	43-1	142	267	200	203	30.85	cps
Calcium	44-1	25431	25105	24588	25041	1.70	cps
Chromium	52-2	1043	1030	1000	1024	2.17	cps
Cobalt	59-2	137	113	150	133	13.92	cps
Copper	63-2	2697	2834	2837	2789	2.86	cps
Dysprosium	156-1	33	25	8	22	57.29	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	50	92	67	69	30.20	cps
Erbium	164-2	43	17	30	30	44.43	cps
Gadolinium	160-1	108	92	92	97	9.90	cps
Gadolinium	160-2	123	117	113	118	4.32	cps
Holmium	165-1	10280377	10334503	10244628	10286503	0.44	cps
Holmium	165-2	6640843	6640439	6122745	6468009	4.62	cps
Indium	115-1	7684970	7530068	7656520	7623853	1.08	cps
Indium	115-2	2230318	2249016	2215647	2231661	0.75	cps
Iron	54-2	1141	981	1211	1111	10.62	cps
Iron	56-2	4895	4245	5290	4810	10.97	cps
Iron	57-2	389	339	350	359	7.31	cps
Krypton	83-1	740	740	750	743	0.78	cps
Lead	206-1	300	328	333	320	5.57	cps
Lead	207-1	256	211	300	256	17.39	cps

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 12:01:14	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	296	420	399	372	17.93	cps
Lithium	6-1	2486522	2491866	2486304	2488231	0.13	cps
Magnesium	24-2	158	142	167	156	8.18	cps
Manganese	55-2	90	117	63	90	29.63	cps
Molybdenum	94-1	208	217	150	192	18.95	cps
Molybdenum	95-1	17	0	17	11	86.60	cps
Molybdenum	96-1	25	67	17	36	74.18	cps
Molybdenum	97-1	0	17	0	6	173.21	cps
Molybdenum	98-1	42	8	25	25	66.68	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	30	47	33	37	24.06	cps
Phosphorus	31-2	275	350	325	317	12.06	cps
Potassium	39-2	88765	86878	89208	88284	1.40	cps
Rhodium	103-1	7490908	7556895	7574357	7540720	0.58	cps
Rhodium	103-2	4498728	4486193	4414062	4466328	1.02	cps
Scandium	45-1	5627539	5635626	5619182	5627449	0.15	cps
Scandium	45-2	416587	421827	413807	417407	0.98	cps
Selenium	82-1	-7	17	-35	-8	-311.32	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	94	120	117	110	12.69	cps
Silicon	28-1	422293	424768	428838	425299	0.78	cps
Silver	109-1	25	67	33	42	52.92	cps
Silver	107-1	25	58	67	50	44.10	cps
Sodium	23-2	18453	19763	18962	19060	3.46	cps
Strontium	86-1	858	1058	1200	1039	16.52	cps
Strontium	88-1	67	133	50	83	52.92	cps
Sulfur	34-1	729257	730363	731144	730255	0.13	cps
Terbium	159-1	10319764	10297250	10436237	10351084	0.72	cps
Terbium	159-2	6569733	6692603	6499031	6587122	1.49	cps
Thallium	203-1	17	67	67	50	57.73	cps
Thallium	205-1	55	103	103	87	31.99	cps
Thorium	232-1	578	478	628	561	13.61	cps
Tin	118-1	2234	2400	2192	2275	4.85	cps
Titanium	47-1	125	158	125	136	14.14	cps
Uranium	238-1	-19	-21	-5	-15	-58.24	cps

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 12:01:14	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	13	13	17	14	13.35	cps
Yttrium	89-1	13123126	13061341	12988553	13057674	0.52	cps
Yttrium	89-2	2911474	2928535	2900297	2913435	0.49	cps
Zinc	66-2	170	217	283	223	25.51	cps
Zirconium	90-1	508	542	500	517	4.27	cps
Zirconium	91-1	100	158	150	136	23.18	cps

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 12:04:47	DataFile Name :	004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2442	2525	2725	2564	5.68	cps
Antimony	121-1	11655	11989	12122	11922	2.02	cps
Arsenic	75-2	381	381	348	370	5.20	cps
Barium	135-1	12614	13624	13548	13262	4.24	cps
Barium	137-1	23103	23362	23721	23395	1.33	cps
Beryllium	9-1	1817	1761	1761	1780	1.80	cps
Bismuth	209-1	6228161	6251997	7139103	6539754	7.94	cps
Bismuth	209-2	4267151	4347557	4295841	4303516	0.95	cps
Boron	10-1	4809	4893	4776	4826	1.25	cps
Boron	11-1	22709	24103	23669	23494	3.04	cps
Bromine	81-1	3409	3359	3476	3414	1.71	cps
Bromine	81-2	40	160	80	93	65.47	cps
Cadmium	111-1	4557	4600	4903	4687	4.02	cps
Cadmium	106-1	4676	4843	5126	4882	4.66	cps
Cadmium	108-1	113	146	104	121	18.25	cps
Calcium	43-1	9753	9520	9562	9612	1.30	cps
Calcium	44-1	177671	180176	181146	179664	1.00	cps
Chromium	52-2	6882	6705	6648	6745	1.81	cps
Cobalt	59-2	4451	4524	4304	4426	2.53	cps
Copper	63-2	8429	8369	8149	8316	1.77	cps
Dysprosium	156-1	17	0	0	6	173.21	cps
Dysprosium	156-2	0	10	10	7	86.60	cps
Erbium	164-1	17	83	25	42	87.18	cps
Erbium	164-2	47	23	33	34	34.00	cps
Gadolinium	160-1	58	42	75	58	28.57	cps
Gadolinium	160-2	113	130	120	121	6.93	cps
Holmium	165-1	10181548	10302369	10395492	10293137	1.04	cps
Holmium	165-2	6112019	6106349	6165439	6127936	0.53	cps
Indium	115-1	7483919	7606375	7683979	7591425	1.33	cps
Indium	115-2	2189226	2209555	2220348	2206376	0.72	cps
Iron	54-2	8471	8461	8271	8401	1.34	cps
Iron	56-2	131817	127776	128992	129529	1.60	cps
Iron	57-2	3623	3378	3284	3428	5.10	cps
Krypton	83-1	707	743	773	741	4.51	cps
Lead	206-1	4823	4890	5034	4916	2.20	cps
Lead	207-1	4201	4190	4518	4303	4.33	cps

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 12:04:47	DataFile Name :	004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	4832	5725	4431	4996	13.25	cps
Lithium	6-1	2423209	2495998	2479433	2466213	1.55	cps
Magnesium	24-2	124975	123034	123882	123963	0.79	cps
Manganese	55-2	1937	1753	1763	1818	5.67	cps
Molybdenum	94-1	12172	13156	12497	12609	3.98	cps
Molybdenum	95-1	14825	15843	15334	15334	3.32	cps
Molybdenum	96-1	16185	17094	16885	16721	2.85	cps
Molybdenum	97-1	9245	9528	9095	9289	2.37	cps
Molybdenum	98-1	24655	23728	24129	24171	1.92	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	1153	1217	1113	1161	4.49	cps
Phosphorus	31-2	242	308	367	306	20.47	cps
Potassium	39-2	213994	213523	213768	213762	0.11	cps
Rhodium	103-1	7497693	7656937	7699354	7617995	1.40	cps
Rhodium	103-2	4411362	4426337	4477421	4438374	0.78	cps
Scandium	45-1	5570007	5685851	5634887	5630248	1.03	cps
Scandium	45-2	414223	414635	415495	414784	0.16	cps
Selenium	82-1	530	473	513	505	5.85	cps
Selenium	77-2	27	23	30	27	12.51	cps
Selenium	78-2	180	226	252	219	16.70	cps
Silicon	28-1	469787	476850	477954	474864	0.93	cps
Silver	109-1	6810	7294	7227	7110	3.69	cps
Silver	107-1	7110	7644	7002	7252	4.74	cps
Sodium	23-2	231415	233743	231770	232310	0.54	cps
Strontium	86-1	2792	2917	2784	2831	2.64	cps
Strontium	88-1	16335	16518	15942	16265	1.81	cps
Sulfur	34-1	733785	734318	735387	734497	0.11	cps
Terbium	159-1	10311127	10365618	10401237	10359327	0.44	cps
Terbium	159-2	6536881	6559252	6596569	6564234	0.46	cps
Thallium	203-1	5785	5418	5593	5599	3.28	cps
Thallium	205-1	17843	17950	17631	17808	0.91	cps
Thorium	232-1	539	500	533	524	4.01	cps
Tin	118-1	21567	22268	22101	21979	1.67	cps
Titanium	47-1	4818	5018	4926	4920	2.03	cps
Uranium	238-1	17504	16680	17151	17112	2.42	cps

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 12:04:47	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	12255	11932	11932	12039	1.55	cps
Yttrium	89-1	13095739	13119491	13348892	13188040	1.06	cps
Yttrium	89-2	2870895	2921124	2918879	2903633	0.98	cps
Zinc	66-2	1173	1227	1113	1171	4.84	cps
Zirconium	90-1	10713	9912	10521	10382	4.03	cps
Zirconium	91-1	2125	2167	2542	2278	10.08	cps

LB Number : LB112148 Operator : JASWAL
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2020-11-25 12:08:19 DataFile Name : 005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	131540	130522	130438	130833	0.47	cps
Antimony	121-1	330669	331852	335014	332512	0.68	cps
Arsenic	75-2	19213	19389	19799	19467	1.54	cps
Barium	135-1	373552	368609	374140	372100	0.82	cps
Barium	137-1	646623	646139	648478	647080	0.19	cps
Beryllium	9-1	99428	97650	99020	98699	0.94	cps
Bismuth	209-1	7134430	7170042	7194338	7166270	0.42	cps
Bismuth	209-2	4369442	4390628	4422226	4394099	0.60	cps
Boron	10-1	11121	10996	10921	11013	0.92	cps
Boron	11-1	49247	51187	52475	50970	3.19	cps
Bromine	81-1	3834	3859	3467	3720	5.90	cps
Bromine	81-2	80	30	30	47	61.86	cps
Cadmium	111-1	85409	86527	87554	86497	1.24	cps
Cadmium	106-1	13206	14007	13674	13629	2.95	cps
Cadmium	108-1	6393	6243	6489	6375	1.94	cps
Calcium	43-1	108638	106364	105834	106945	1.39	cps
Calcium	44-1	1728422	1749182	1747492	1741699	0.66	cps
Chromium	52-2	162494	159191	158985	160223	1.23	cps
Cobalt	59-2	239397	243842	241148	241463	0.93	cps
Copper	63-2	1664900	1672384	1666940	1668074	0.23	cps
Dysprosium	156-1	17	33	17	22	43.28	cps
Dysprosium	156-2	27	10	23	20	44.10	cps
Erbium	164-1	50	108	25	61	69.98	cps
Erbium	164-2	43	20	23	29	43.68	cps
Gadolinium	160-1	125	133	92	117	18.90	cps
Gadolinium	160-2	140	103	83	109	26.40	cps
Holmium	165-1	10435505	10330202	10462022	10409243	0.67	cps
Holmium	165-2	6636212	6726292	6712160	6691554	0.72	cps
Indium	115-1	7721842	7804535	7859379	7795252	0.89	cps
Indium	115-2	2239031	2250494	2258097	2249207	0.43	cps
Iron	54-2	387661	391697	386320	388559	0.72	cps
Iron	56-2	6624221	6671790	6784321	6693444	1.23	cps
Iron	57-2	168875	168206	168543	168541	0.20	cps
Krypton	83-1	803	763	703	757	6.65	cps
Lead	206-1	1327067	1308246	1324342	1319885	0.77	cps
Lead	207-1	1156955	1165126	1170840	1164307	0.60	cps

LB Number : LB112148 Operator : JASWAL
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2020-11-25 12:08:19 DataFile Name : 005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	1415464	1402544	1404355	1407455	0.50	cps
Lithium	6-1	2490879	2512948	2509059	2504295	0.47	cps
Magnesium	24-2	1421490	1406610	1418951	1415684	0.56	cps
Manganese	55-2	1000990	1004312	1012972	1006091	0.61	cps
Molybdenum	94-1	663822	674941	668019	668927	0.84	cps
Molybdenum	95-1	826077	829288	834801	830055	0.53	cps
Molybdenum	96-1	912035	915239	915172	914148	0.20	cps
Molybdenum	97-1	512046	512534	511277	511952	0.12	cps
Molybdenum	98-1	1320864	1319707	1322833	1321135	0.12	cps
Neodymium	150-1	27	33	27	29	13.31	cps
Neodymium	150-2	7	3	10	7	50.03	cps
Nickel	60-2	64035	64514	65395	64648	1.07	cps
Phosphorus	31-2	8344	8536	9095	8658	4.50	cps
Potassium	39-2	806542	800185	800490	802406	0.45	cps
Rhodium	103-1	7548988	7683364	7781654	7671335	1.52	cps
Rhodium	103-2	4535155	4472159	4559447	4522254	1.00	cps
Scandium	45-1	5818051	5803805	5752552	5791469	0.59	cps
Scandium	45-2	421415	420931	422002	421449	0.13	cps
Selenium	82-1	5349	5280	5405	5345	1.18	cps
Selenium	77-2	407	403	370	393	5.15	cps
Selenium	78-2	1422	1511	1439	1457	3.24	cps
Silicon	28-1	774194	781652	799125	784990	1.63	cps
Silver	109-1	396286	390962	389721	392323	0.89	cps
Silver	107-1	409953	412546	413204	411901	0.42	cps
Sodium	23-2	2386819	2413585	2405056	2401820	0.57	cps
Strontium	86-1	102254	103226	102320	102600	0.53	cps
Strontium	88-1	888154	884845	892459	888486	0.43	cps
Sulfur	34-1	775647	773147	763374	770723	0.84	cps
Terbium	159-1	10641508	10521918	10646390	10603272	0.66	cps
Terbium	159-2	6677793	6748063	6624940	6683599	0.92	cps
Thallium	203-1	309433	306927	307999	308120	0.41	cps
Thallium	205-1	986317	978659	985449	983475	0.43	cps
Thorium	232-1	1072027	1064932	1071644	1069534	0.37	cps
Tin	118-1	245949	246503	245225	245892	0.26	cps
Titanium	47-1	254976	260587	257798	257787	1.09	cps
Uranium	238-1	873188	880758	878234	877393	0.44	cps

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 12:08:19	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	132357	132280	132259	132299	0.04	cps
Yttrium	89-1	13385409	13214679	13482618	13360902	1.02	cps
Yttrium	89-2	2946703	2968730	2981415	2965616	0.59	cps
Zinc	66-2	275644	277424	276107	276392	0.33	cps
Zirconium	90-1	558267	553048	561426	557580	0.76	cps
Zirconium	91-1	123965	123730	122486	123394	0.64	cps

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 12:11:49	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	318323	319377	307419	315040	2.10	cps
Antimony	121-1	829076	831439	829480	829998	0.15	cps
Arsenic	75-2	47256	47553	47027	47279	0.56	cps
Barium	135-1	921982	933967	928140	928030	0.65	cps
Barium	137-1	1611658	1589774	1602210	1601214	0.69	cps
Beryllium	9-1	244136	239580	241234	241650	0.95	cps
Bismuth	209-1	7378596	7129499	6335087	6947727	7.84	cps
Bismuth	209-2	4339600	4330987	4328761	4333116	0.13	cps
Boron	10-1	27058	27058	27367	27161	0.66	cps
Boron	11-1	125995	125854	128837	126896	1.33	cps
Bromine	81-1	3150	3434	3601	3395	6.70	cps
Bromine	81-2	70	30	80	60	44.10	cps
Cadmium	111-1	213571	211012	210727	211770	0.74	cps
Cadmium	106-1	28028	27218	26542	27263	2.73	cps
Cadmium	108-1	15475	15467	15079	15340	1.48	cps
Calcium	43-1	264800	261468	260235	262167	0.90	cps
Calcium	44-1	4235825	4219683	4205103	4220204	0.36	cps
Chromium	52-2	390792	386713	386552	388019	0.62	cps
Cobalt	59-2	588528	582247	578448	583074	0.87	cps
Copper	63-2	4007285	3992750	3942670	3980901	0.85	cps
Dysprosium	156-1	67	42	42	50	28.87	cps
Dysprosium	156-2	13	37	27	26	45.82	cps
Erbium	164-1	75	75	83	78	6.19	cps
Erbium	164-2	17	37	23	26	39.85	cps
Gadolinium	160-1	175	83	75	111	49.94	cps
Gadolinium	160-2	157	147	147	150	3.85	cps
Holmium	165-1	10715579	10402050	10530554	10549394	1.49	cps
Holmium	165-2	6251992	6711659	6731196	6564949	4.13	cps
Indium	115-1	7861373	7771613	7581448	7738145	1.85	cps
Indium	115-2	2214970	2211855	2227740	2218188	0.38	cps
Iron	54-2	940034	932461	917631	930042	1.23	cps
Iron	56-2	16365343	16407628	16179090	16317354	0.75	cps
Iron	57-2	405948	407245	404745	405979	0.31	cps
Krypton	83-1	713	713	670	699	3.58	cps
Lead	206-1	3279156	3323276	3263233	3288555	0.95	cps
Lead	207-1	2911363	2907889	2881720	2900324	0.56	cps

LB Number : LB112148 Operator : JASWAL
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2020-11-25 12:11:49 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	4479565	4523786	4422044	4475132	1.14	cps
Lithium	6-1	2524596	2476348	2466286	2489077	1.25	cps
Magnesium	24-2	3415221	3413907	3324005	3384378	1.54	cps
Manganese	55-2	2443106	2426288	2430586	2433327	0.36	cps
Molybdenum	94-1	1697112	1657018	1678136	1677422	1.20	cps
Molybdenum	95-1	2073394	2071029	2048367	2064263	0.67	cps
Molybdenum	96-1	2295443	2289307	2272697	2285816	0.51	cps
Molybdenum	97-1	1288293	1275230	1259866	1274463	1.12	cps
Molybdenum	98-1	3298618	3286056	3277680	3287451	0.32	cps
Neodymium	150-1	120	40	87	82	48.87	cps
Neodymium	150-2	13	3	10	9	57.30	cps
Nickel	60-2	154806	156138	154874	155272	0.48	cps
Phosphorus	31-2	20648	20456	20398	20501	0.64	cps
Potassium	39-2	1807532	1815281	1794027	1805613	0.60	cps
Rhodium	103-1	7792041	7629189	7545284	7655505	1.64	cps
Rhodium	103-2	4461647	4470176	4470429	4467418	0.11	cps
Scandium	45-1	5753519	5705228	5728672	5729140	0.42	cps
Scandium	45-2	414703	412214	413316	413411	0.30	cps
Selenium	82-1	13284	13169	13193	13215	0.46	cps
Selenium	77-2	1033	1180	910	1041	12.98	cps
Selenium	78-2	3502	3656	3560	3573	2.17	cps
Silicon	28-1	1248622	1288701	1297659	1278328	2.04	cps
Silver	109-1	970775	960583	959304	963554	0.65	cps
Silver	107-1	1020850	1005316	997586	1007917	1.18	cps
Sodium	23-2	5616779	5545776	5563381	5575312	0.66	cps
Strontium	86-1	257588	254847	254687	255707	0.64	cps
Strontium	88-1	2201249	2187424	2177774	2188816	0.54	cps
Sulfur	34-1	823092	820080	821044	821406	0.19	cps
Terbium	159-1	10881854	10638879	10472703	10664478	1.93	cps
Terbium	159-2	6634801	6654386	6648510	6645899	0.15	cps
Thallium	203-1	786846	771268	769990	776035	1.21	cps
Thallium	205-1	2492580	2461219	2439855	2464551	1.08	cps
Thorium	232-1	2720699	2662740	2656109	2679849	1.33	cps
Tin	118-1	616093	605470	599914	607159	1.35	cps
Titanium	47-1	641350	634847	627900	634699	1.06	cps
Uranium	238-1	2191666	2149159	2169426	2170084	0.98	cps

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 12:11:49	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	321246	320012	317905	319721	0.53	cps
Yttrium	89-1	13443183	13397587	13275533	13372101	0.65	cps
Yttrium	89-2	2914928	2903292	2937533	2918584	0.60	cps
Zinc	66-2	675407	672295	662730	670144	0.99	cps
Zirconium	90-1	1396600	1387433	1375229	1386420	0.77	cps
Zirconium	91-1	312846	307748	306400	308998	1.10	cps

LB Number : LB112148 Operator : JASWAL
 Lab Sample ID : S5 Instrumnet Name : P7
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2020-11-25 12:15:20 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	607116	610029	591751	602965	1.63	cps
Antimony	121-1	1646350	1663442	1641749	1650513	0.69	cps
Arsenic	75-2	93950	92791	91209	92650	1.49	cps
Barium	135-1	1821601	1868058	1839639	1843099	1.27	cps
Barium	137-1	3148686	3216632	3176079	3180466	1.07	cps
Beryllium	9-1	473475	472192	472654	472774	0.14	cps
Bismuth	209-1	6352509	7216985	7188453	6919316	7.10	cps
Bismuth	209-2	4328472	4305004	4320379	4317952	0.28	cps
Boron	10-1	51429	53813	53779	53007	2.58	cps
Boron	11-1	241481	247815	250897	246731	1.95	cps
Bromine	81-1	3342	2900	3075	3106	7.16	cps
Bromine	81-2	30	90	40	53	60.27	cps
Cadmium	111-1	412602	417398	414058	414686	0.59	cps
Cadmium	106-1	49194	49219	49495	49303	0.34	cps
Cadmium	108-1	31527	31852	31339	31573	0.82	cps
Calcium	43-1	520767	522697	515322	519595	0.74	cps
Calcium	44-1	7986643	8013316	7969548	7989836	0.28	cps
Chromium	52-2	760833	754333	741110	752092	1.34	cps
Cobalt	59-2	1147066	1136944	1113511	1132507	1.52	cps
Copper	63-2	8102962	8118509	8018893	8080121	0.66	cps
Dysprosium	156-1	58	83	75	72	17.63	cps
Dysprosium	156-2	50	27	23	33	43.59	cps
Erbium	164-1	75	50	75	67	21.65	cps
Erbium	164-2	30	27	27	28	6.92	cps
Gadolinium	160-1	167	92	117	125	30.55	cps
Gadolinium	160-2	160	137	130	142	11.08	cps
Holmium	165-1	10582672	10645732	10706772	10645059	0.58	cps
Holmium	165-2	6442873	6600205	6657615	6566898	1.69	cps
Indium	115-1	7700390	7698409	7712262	7703687	0.10	cps
Indium	115-2	2182053	2177470	2159317	2172947	0.55	cps
Iron	54-2	1848940	1819280	1786432	1818217	1.72	cps
Iron	56-2	32094094	31946469	31315931	31785498	1.30	cps
Iron	57-2	801259	800465	779592	793772	1.55	cps
Krypton	83-1	663	653	757	691	8.25	cps
Lead	206-1	7292420	7449305	7434222	7391982	1.17	cps
Lead	207-1	5798795	5793215	5847468	5813159	0.51	cps

LB Number : LB112148 Operator : JASWAL
 Lab Sample ID : S5 Instrumnet Name : P7
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2020-11-25 12:15:20 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	9678046	9735112	9696696	9703285	0.30	cps
Lithium	6-1	2466058	2469251	2489037	2474782	0.50	cps
Magnesium	24-2	6475687	6474146	6385720	6445184	0.80	cps
Manganese	55-2	4765091	4747408	4680581	4731026	0.94	cps
Molybdenum	94-1	3266489	3305754	3294272	3288838	0.61	cps
Molybdenum	95-1	4059987	4071069	4074596	4068550	0.19	cps
Molybdenum	96-1	4497628	4514625	4506189	4506147	0.19	cps
Molybdenum	97-1	2517472	2510557	2514538	2514189	0.14	cps
Molybdenum	98-1	6449841	6487538	6539741	6492373	0.70	cps
Neodymium	150-1	53	140	167	120	49.38	cps
Neodymium	150-2	27	17	13	19	36.75	cps
Nickel	60-2	308606	303297	296736	302880	1.96	cps
Phosphorus	31-2	39027	39578	38191	38932	1.79	cps
Potassium	39-2	3442132	3420448	3384548	3415709	0.85	cps
Rhodium	103-1	7552873	7488914	7565709	7535832	0.55	cps
Rhodium	103-2	4404292	4358213	4364166	4375557	0.57	cps
Scandium	45-1	5667364	5547601	5578896	5597954	1.11	cps
Scandium	45-2	399994	402412	397165	399857	0.66	cps
Selenium	82-1	26302	26273	26320	26299	0.09	cps
Selenium	77-2	1943	2027	1953	1975	2.30	cps
Selenium	78-2	6970	6852	6954	6925	0.93	cps
Silicon	28-1	1966507	2040150	2056065	2020907	2.36	cps
Silver	109-1	1921669	1913744	1888713	1908042	0.90	cps
Silver	107-1	1989879	1998574	1998660	1995704	0.25	cps
Sodium	23-2	10966800	10884826	10677226	10842951	1.38	cps
Strontium	86-1	499281	509063	506787	505044	1.01	cps
Strontium	88-1	4316997	4342259	4302389	4320549	0.47	cps
Sulfur	34-1	889130	891212	878916	886419	0.74	cps
Terbium	159-1	10658971	10820603	10756029	10745201	0.76	cps
Terbium	159-2	6676183	6686613	6613439	6658745	0.59	cps
Thallium	203-1	1534247	1556816	1558334	1549799	0.87	cps
Thallium	205-1	4919149	4999033	4957365	4958516	0.81	cps
Thorium	232-1	5391365	5397851	5470659	5419958	0.81	cps
Tin	118-1	1217694	1216444	1210780	1214973	0.30	cps
Titanium	47-1	1245702	1248379	1236929	1243670	0.48	cps
Uranium	238-1	4276805	4254828	4330252	4287295	0.90	cps

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 12:15:20	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	636270	625716	612713	624900	1.89	cps
Yttrium	89-1	13310306	13281174	13374503	13321994	0.36	cps
Yttrium	89-2	2857140	2854739	2851222	2854367	0.10	cps
Zinc	66-2	1328198	1312942	1290111	1310417	1.46	cps
Zirconium	90-1	2753564	2778090	2760263	2763972	0.46	cps
Zirconium	91-1	612560	612049	614033	612880	0.17	cps

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 12:18:48	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1199622	1197045	1192519	1196396	0.30	cps
Antimony	121-1	3270061	3288129	3282112	3280101	0.28	cps
Arsenic	75-2	183671	181983	182994	182883	0.46	cps
Barium	135-1	3643839	3674188	3678917	3665648	0.52	cps
Barium	137-1	6707792	6644266	6774400	6708819	0.97	cps
Beryllium	9-1	932679	937628	931450	933919	0.35	cps
Bismuth	209-1	7169251	6239843	7155701	6854931	7.77	cps
Bismuth	209-2	4261859	4279989	3953320	4165056	4.41	cps
Boron	10-1	105239	103778	106857	105291	1.46	cps
Boron	11-1	487045	493257	501735	494012	1.49	cps
Bromine	81-1	2984	2892	2900	2925	1.73	cps
Bromine	81-2	70	90	60	73	20.83	cps
Cadmium	111-1	820042	809960	820941	816981	0.75	cps
Cadmium	106-1	90932	90898	91502	91110	0.37	cps
Cadmium	108-1	61558	59976	61478	61004	1.46	cps
Calcium	43-1	1012944	994767	1007844	1005185	0.93	cps
Calcium	44-1	15580279	15352726	15546994	15493333	0.79	cps
Chromium	52-2	1487819	1494503	1492312	1491545	0.23	cps
Cobalt	59-2	2222887	2216221	2219261	2219456	0.15	cps
Copper	63-2	15805903	16027884	15775236	15869674	0.87	cps
Dysprosium	156-1	125	125	108	119	8.05	cps
Dysprosium	156-2	80	93	50	74	29.81	cps
Erbium	164-1	50	92	25	56	60.62	cps
Erbium	164-2	37	53	53	48	20.13	cps
Gadolinium	160-1	150	133	192	158	18.98	cps
Gadolinium	160-2	233	143	147	174	29.25	cps
Holmium	165-1	10594510	10498566	10510308	10534461	0.50	cps
Holmium	165-2	6772607	6272945	6141119	6395557	5.21	cps
Indium	115-1	7617487	7424679	7597056	7546407	1.40	cps
Indium	115-2	2132156	2120038	1966531	2072908	4.45	cps
Iron	54-2	3606462	3557230	3566195	3576629	0.73	cps
Iron	56-2	63548651	63058846	63239554	63282350	0.39	cps
Iron	57-2	1570531	1566666	1568498	1568565	0.12	cps
Krypton	83-1	740	647	673	687	7.00	cps
Lead	206-1	15092049	14838618	14802684	14911117	1.06	cps
Lead	207-1	13701009	13370268	13532893	13534723	1.22	cps

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 12:18:48	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	15369263	15635892	15425294	15476816	0.91	cps
Lithium	6-1	2449734	2445948	2441337	2445673	0.17	cps
Magnesium	24-2	12791650	12754036	12942018	12829235	0.78	cps
Manganese	55-2	9613709	9407323	9575543	9532191	1.15	cps
Molybdenum	94-1	6544483	6459583	6587453	6530506	1.00	cps
Molybdenum	95-1	8060180	8043764	8109735	8071226	0.43	cps
Molybdenum	96-1	9059565	8935366	8982449	8992460	0.70	cps
Molybdenum	97-1	4986198	4882537	4952619	4940451	1.07	cps
Molybdenum	98-1	13048720	12875184	12985711	12969872	0.68	cps
Neodymium	150-1	180	207	153	180	14.81	cps
Neodymium	150-2	20	27	37	28	30.20	cps
Nickel	60-2	591009	594290	590908	592069	0.32	cps
Phosphorus	31-2	76445	76127	77024	76532	0.59	cps
Potassium	39-2	6353853	6396869	6412743	6387821	0.48	cps
Rhodium	103-1	7347443	7265419	7320208	7311024	0.57	cps
Rhodium	103-2	4305440	4275375	3939158	4173325	4.87	cps
Scandium	45-1	5521637	5388658	5412806	5441033	1.30	cps
Scandium	45-2	394642	391776	369073	385164	3.64	cps
Selenium	82-1	51925	51264	52257	51816	0.98	cps
Selenium	77-2	4127	3884	3881	3964	3.57	cps
Selenium	78-2	13108	12937	13362	13136	1.63	cps
Silicon	28-1	3229670	3257460	3302010	3263047	1.12	cps
Silver	109-1	3723008	3707130	3763428	3731189	0.78	cps
Silver	107-1	3890446	3843826	3903744	3879339	0.81	cps
Sodium	23-2	21639457	21443509	21567499	21550155	0.46	cps
Strontium	86-1	997167	980475	1003039	993560	1.18	cps
Strontium	88-1	8829394	8631938	8738745	8733359	1.13	cps
Sulfur	34-1	1002217	986537	990842	993199	0.82	cps
Terbium	159-1	10728126	10566212	10690084	10661474	0.79	cps
Terbium	159-2	6692694	6714154	6155786	6520878	4.85	cps
Thallium	203-1	3102184	3060168	3117337	3093230	0.96	cps
Thallium	205-1	10765079	10621880	10622584	10669848	0.77	cps
Thorium	232-1	13097104	13029208	13098788	13075034	0.30	cps
Tin	118-1	2394547	2394646	2428361	2405852	0.81	cps
Titanium	47-1	2405723	2393162	2425338	2408074	0.67	cps
Uranium	238-1	10555790	10453307	10702529	10570542	1.19	cps

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 12:18:48	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1237332	1236211	1239059	1237534	0.12	cps
Yttrium	89-1	13082159	12757358	12942956	12927491	1.26	cps
Yttrium	89-2	2805794	2794661	2597328	2732594	4.29	cps
Zinc	66-2	2589297	2585992	2586860	2587383	0.07	cps
Zirconium	90-1	5466797	5341554	5413639	5407330	1.16	cps
Zirconium	91-1	1201622	1180742	1202247	1194870	1.02	cps

LB Number : LB112148 Operator : JASWAL
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2020-11-25 12:22:10 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2328665	2328551	2339825	2332347	0.28	cps
Antimony	121-1	6767341	6691516	6751777	6736878	0.59	cps
Arsenic	75-2	357576	358449	357201	357742	0.18	cps
Barium	135-1	7626273	7675043	7692097	7664471	0.45	cps
Barium	137-1	13079390	13318062	13305288	13234247	1.01	cps
Beryllium	9-1	1823576	1817930	1814339	1818615	0.26	cps
Bismuth	209-1	6233330	6277506	7154663	6555166	7.93	cps
Bismuth	209-2	4211782	4176541	4242156	4210160	0.78	cps
Boron	10-1	203837	208002	207991	206610	1.16	cps
Boron	11-1	963973	966893	966597	965821	0.17	cps
Bromine	81-1	3084	3484	2842	3137	10.33	cps
Bromine	81-2	130	40	80	83	54.11	cps
Cadmium	111-1	1604978	1565127	1596210	1588771	1.32	cps
Cadmium	106-1	176031	169642	175524	173732	2.04	cps
Cadmium	108-1	121370	123629	121379	122126	1.07	cps
Calcium	43-1	1968732	1982475	1990106	1980438	0.55	cps
Calcium	44-1	30603055	30372189	30538308	30504517	0.39	cps
Chromium	52-2	2907403	2901488	2865154	2891348	0.79	cps
Cobalt	59-2	4342145	4326025	4299333	4322501	0.50	cps
Copper	63-2	30922826	30740306	30345655	30669596	0.96	cps
Dysprosium	156-1	142	175	192	169	15.02	cps
Dysprosium	156-2	110	117	133	120	10.02	cps
Erbium	164-1	67	83	117	89	28.64	cps
Erbium	164-2	33	57	53	48	26.42	cps
Gadolinium	160-1	225	117	233	192	33.96	cps
Gadolinium	160-2	197	190	153	180	12.96	cps
Holmium	165-1	10478855	10657589	10758681	10631708	1.33	cps
Holmium	165-2	6634497	6641341	6741332	6672390	0.90	cps
Indium	115-1	7417354	7419441	7395624	7410807	0.18	cps
Indium	115-2	2066787	2069370	2078687	2071615	0.30	cps
Iron	54-2	6827302	6885122	6831951	6848125	0.47	cps
Iron	56-2	124524131	123394744	122977878	123632251	0.65	cps
Iron	57-2	3068468	3060805	3039419	3056231	0.49	cps
Krypton	83-1	590	737	733	687	12.19	cps
Lead	206-1	29622502	29625287	29634444	29627411	0.02	cps
Lead	207-1	26513823	26669367	26855969	26679720	0.64	cps

LB Number : LB112148 Operator : JASWAL
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2020-11-25 12:22:10 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	30681843	30447673	30475261	30534925	0.42	cps
Lithium	6-1	2417134	2419449	2410922	2415835	0.18	cps
Magnesium	24-2	25130145	24886247	25084636	25033676	0.52	cps
Manganese	55-2	18592179	18620378	18463132	18558563	0.45	cps
Molybdenum	94-1	13020476	12930270	12941508	12964085	0.38	cps
Molybdenum	95-1	16130319	15944642	16090272	16055078	0.61	cps
Molybdenum	96-1	17642343	17585465	18070962	17766257	1.49	cps
Molybdenum	97-1	9699471	9610201	9935278	9748317	1.72	cps
Molybdenum	98-1	25347976	24830510	25312773	25163753	1.15	cps
Neodymium	150-1	493	367	373	411	17.34	cps
Neodymium	150-2	47	73	63	61	22.04	cps
Nickel	60-2	1143620	1147761	1141909	1144430	0.26	cps
Phosphorus	31-2	151209	148860	149854	149974	0.79	cps
Potassium	39-2	12294473	12262836	12357426	12304912	0.39	cps
Rhodium	103-1	7163904	6960983	7215697	7113528	1.89	cps
Rhodium	103-2	4209573	4176458	4192707	4192913	0.39	cps
Scandium	45-1	5412403	5404972	5403918	5407098	0.09	cps
Scandium	45-2	385151	386286	388135	386524	0.39	cps
Selenium	82-1	101328	101436	100726	101163	0.38	cps
Selenium	77-2	8039	7699	7635	7791	2.79	cps
Selenium	78-2	26036	25457	25717	25737	1.13	cps
Silicon	28-1	5691644	5689637	5597852	5659711	0.95	cps
Silver	109-1	7563576	7519726	7497493	7526932	0.45	cps
Silver	107-1	7857929	7989210	7870754	7905964	0.92	cps
Sodium	23-2	42320810	41843671	41978085	42047522	0.59	cps
Strontium	86-1	1974760	1950551	1967524	1964279	0.63	cps
Strontium	88-1	17108563	17285764	17264915	17219748	0.56	cps
Sulfur	34-1	1298528	1299140	1296898	1298189	0.09	cps
Terbium	159-1	10739580	10637377	10786673	10721210	0.71	cps
Terbium	159-2	6611864	6601693	6616644	6610067	0.12	cps
Thallium	203-1	6129608	6107777	6138735	6125373	0.26	cps
Thallium	205-1	21095993	21027945	21261357	21128432	0.57	cps
Thorium	232-1	26052366	26097644	26363284	26171098	0.64	cps
Tin	118-1	4737173	4704298	4744217	4728563	0.45	cps
Titanium	47-1	4712690	4736448	4764922	4738020	0.55	cps
Uranium	238-1	21017861	20985720	20936181	20979921	0.20	cps

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 12:22:10	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	2422270	2430861	2408931	2420687	0.46	cps
Yttrium	89-1	12958900	13055799	12836830	12950510	0.85	cps
Yttrium	89-2	2787983	2768058	2785479	2780507	0.39	cps
Zinc	66-2	4980883	4985237	4959361	4975160	0.28	cps
Zirconium	90-1	10859644	10906635	10835095	10867125	0.33	cps
Zirconium	91-1	2355472	2352281	2366639	2358130	0.32	cps

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 12:25:29	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11477208	11421496	11376232	11424979	0.44	cps
Antimony	121-1	5368	5101	4859	5109	4.98	cps
Arsenic	75-2	191	185	172	183	5.20	cps
Barium	135-1	13507	12931	12931	13123	2.53	cps
Barium	137-1	22828	22360	21517	22235	2.99	cps
Beryllium	9-1	356	300	250	302	17.49	cps
Bismuth	209-1	5739093	5662227	5667861	5689727	0.75	cps
Bismuth	209-2	3910695	3916353	3947735	3924928	0.51	cps
Boron	10-1	4342	4067	3492	3967	10.94	cps
Boron	11-1	17994	17427	16843	17421	3.30	cps
Bromine	81-1	3342	3317	3509	3389	3.08	cps
Bromine	81-2	70	40	50	53	28.64	cps
Cadmium	111-1	4198	4031	3784	4004	5.21	cps
Cadmium	106-1	5109	4926	4634	4890	4.90	cps
Cadmium	108-1	196	150	146	164	16.93	cps
Calcium	43-1	9170560	9227551	9248650	9215587	0.44	cps
Calcium	44-1	146683007	146273203	146657349	146537853	0.16	cps
Chromium	52-2	26567	25576	26474	26206	2.09	cps
Cobalt	59-2	8042	8242	8086	8123	1.30	cps
Copper	63-2	17073	16613	16326	16671	2.26	cps
Dysprosium	156-1	458	400	450	436	7.23	cps
Dysprosium	156-2	337	367	317	340	7.40	cps
Erbium	164-1	58	92	92	81	23.89	cps
Erbium	164-2	57	70	90	72	23.23	cps
Gadolinium	160-1	500	567	525	531	6.35	cps
Gadolinium	160-2	487	443	400	443	9.77	cps
Holmium	165-1	10020847	10050528	10067586	10046320	0.24	cps
Holmium	165-2	6023923	6081032	6092867	6065940	0.61	cps
Indium	115-1	7051742	7045025	7016794	7037854	0.26	cps
Indium	115-2	2038950	2053496	2071337	2054594	0.79	cps
Iron	54-2	31656576	31548943	31528874	31578131	0.22	cps
Iron	56-2	579518591	576714168	583565924	579932894	0.59	cps
Iron	57-2	14535006	14477697	14539126	14517276	0.24	cps
Krypton	83-1	690	743	753	729	4.67	cps
Lead	206-1	35603	34645	34116	34788	2.17	cps
Lead	207-1	30034	29878	29973	29962	0.26	cps

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 12:25:29	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	39357	37338	35793	37496	4.77	cps
Lithium	6-1	2312859	2302541	2316494	2310631	0.31	cps
Magnesium	24-2	120590353	120779807	120166415	120512192	0.26	cps
Manganese	55-2	18829	18912	19353	19031	1.48	cps
Molybdenum	94-1	6493	6327	5918	6246	4.74	cps
Molybdenum	95-1	8745	8002	7677	8141	6.72	cps
Molybdenum	96-1	10896	10154	9303	10118	7.88	cps
Molybdenum	97-1	5393	4609	4926	4976	7.92	cps
Molybdenum	98-1	13982	12523	12064	12856	7.79	cps
Neodymium	150-1	13	20	13	16	24.76	cps
Neodymium	150-2	13	10	13	12	15.73	cps
Nickel	60-2	7625	7572	8129	7775	3.95	cps
Phosphorus	31-2	450	342	317	369	19.18	cps
Potassium	39-2	58375224	57966287	58515878	58285796	0.49	cps
Rhodium	103-1	6603317	6502205	6610079	6571867	0.92	cps
Rhodium	103-2	3893143	3955964	3944277	3931128	0.85	cps
Scandium	45-1	5249668	5203484	5163046	5205399	0.83	cps
Scandium	45-2	370522	369883	376235	372213	0.94	cps
Selenium	82-1	36	21	-16	13	199.18	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	98	72	83	85	15.38	cps
Silicon	28-1	600152	590539	579925	590206	1.71	cps
Silver	109-1	3842	4026	3642	3837	5.00	cps
Silver	107-1	4384	4034	3951	4123	5.58	cps
Sodium	23-2	201312221	199475063	199753363	200180216	0.49	cps
Strontium	86-1	10713	11188	11271	11057	2.73	cps
Strontium	88-1	89637	88371	87902	88637	1.01	cps
Sulfur	34-1	630623	629123	632266	630671	0.25	cps
Terbium	159-1	10093355	10230517	10141326	10155066	0.69	cps
Terbium	159-2	6039681	6092770	6059009	6063820	0.44	cps
Thallium	203-1	2075	1617	1400	1697	20.31	cps
Thallium	205-1	6003	4719	4571	5097	15.45	cps
Thorium	232-1	5979	5073	4223	5092	17.25	cps
Tin	118-1	3901	3442	3809	3717	6.53	cps
Titanium	47-1	1233	1100	992	1108	10.92	cps
Uranium	238-1	488	-151	-153	61	603.65	cps

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 12:25:29	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	423	513	417	451	11.97	cps
Yttrium	89-1	12336326	12406604	12355546	12366159	0.29	cps
Yttrium	89-2	2731992	2746782	2773526	2750767	0.77	cps
Zinc	66-2	18135	17657	17951	17914	1.34	cps
Zirconium	90-1	4176	3884	3559	3873	7.97	cps
Zirconium	91-1	900	833	917	883	4.99	cps

LB Number : LB112148 Operator : JASWAL
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2020-11-25 12:57:44 DataFile Name : 012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	57803	57954	57043	57600	0.85	cps
Antimony	121-1	1212924	1224845	1205115	1214295	0.82	cps
Arsenic	75-2	69727	69820	69407	69651	0.31	cps
Barium	135-1	140300	141513	139736	140516	0.65	cps
Barium	137-1	246977	245008	245307	245764	0.43	cps
Beryllium	9-1	176613	174876	174500	175330	0.64	cps
Bismuth	209-1	6143876	6161151	6126990	6144006	0.28	cps
Bismuth	209-2	4211658	4229793	4259999	4233817	0.58	cps
Boron	10-1	104777	105146	103746	104556	0.69	cps
Boron	11-1	484607	490021	489912	488180	0.63	cps
Bromine	81-1	3292	3209	3184	3228	1.76	cps
Bromine	81-2	40	40	50	43	13.32	cps
Cadmium	111-1	165358	165760	162216	164444	1.18	cps
Cadmium	106-1	32037	32103	30325	31488	3.20	cps
Cadmium	108-1	17519	17319	17252	17364	0.80	cps
Calcium	43-1	42863	42328	42478	42556	0.65	cps
Calcium	44-1	666888	671538	665517	667981	0.47	cps
Chromium	52-2	284723	283584	278255	282187	1.22	cps
Cobalt	59-2	428232	432804	429518	430185	0.55	cps
Copper	63-2	310130	309357	308840	309442	0.21	cps
Dysprosium	156-1	17	25	33	25	33.32	cps
Dysprosium	156-2	10	13	7	10	33.30	cps
Erbium	164-1	25	75	25	42	69.28	cps
Erbium	164-2	43	20	40	34	36.64	cps
Gadolinium	160-1	92	75	83	83	10.00	cps
Gadolinium	160-2	87	120	130	112	20.22	cps
Holmium	165-1	10307669	10486175	10213364	10335736	1.34	cps
Holmium	165-2	6079326	6654779	6672536	6468880	5.22	cps
Indium	115-1	7584204	7735700	7493842	7604582	1.61	cps
Indium	115-2	2118552	2157461	2161741	2145918	1.11	cps
Iron	54-2	276059	276572	274562	275731	0.38	cps
Iron	56-2	4760585	4775942	4694349	4743625	0.91	cps
Iron	57-2	117778	117498	116659	117312	0.50	cps
Krypton	83-1	753	610	683	682	10.51	cps
Lead	206-1	1107439	1101379	1114855	1107891	0.61	cps
Lead	207-1	906663	907717	917765	910715	0.67	cps

LB Number : LB112148 Operator : JASWAL
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2020-11-25 12:57:44 DataFile Name : 012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	1258082	1230405	1212242	1233576	1.87	cps
Lithium	6-1	2444839	2447972	2450489	2447766	0.12	cps
Magnesium	24-2	288874	286869	284764	286836	0.72	cps
Manganese	55-2	179523	180171	180303	179999	0.23	cps
Molybdenum	94-1	6276992	6235644	6200021	6237553	0.62	cps
Molybdenum	95-1	7861217	7808190	7817737	7829048	0.36	cps
Molybdenum	96-1	8698944	8597391	8680130	8658822	0.62	cps
Molybdenum	97-1	4743901	4737078	4745566	4742182	0.09	cps
Molybdenum	98-1	12288963	12315669	12399135	12334589	0.47	cps
Neodymium	150-1	20	20	7	16	49.47	cps
Neodymium	150-2	7	7	3	6	34.70	cps
Nickel	60-2	115661	113961	117079	115567	1.35	cps
Phosphorus	31-2	333	350	358	347	3.67	cps
Potassium	39-2	564767	557815	566009	562864	0.78	cps
Rhodium	103-1	7377676	7515082	7437793	7443517	0.93	cps
Rhodium	103-2	4328997	4347668	4367471	4348045	0.44	cps
Scandium	45-1	5435066	5515785	5445522	5465458	0.80	cps
Scandium	45-2	388883	392688	393730	391767	0.65	cps
Selenium	82-1	19734	19764	19254	19584	1.46	cps
Selenium	77-2	1607	1583	1570	1587	1.17	cps
Selenium	78-2	5101	5203	5147	5150	0.99	cps
Silicon	28-1	3080946	3199133	3306222	3195433	3.53	cps
Silver	109-1	347556	346986	349470	348004	0.37	cps
Silver	107-1	368507	365347	366304	366719	0.44	cps
Sodium	23-2	856385	838649	845123	846719	1.06	cps
Strontium	86-1	892804	888912	900098	893938	0.64	cps
Strontium	88-1	7834188	7881452	7860408	7858683	0.30	cps
Sulfur	34-1	637034	627979	623474	629496	1.10	cps
Terbium	159-1	10424859	10523119	10551716	10499898	0.63	cps
Terbium	159-2	6582064	6663654	6626956	6624225	0.62	cps
Thallium	203-1	1263398	1262428	1250688	1258838	0.56	cps
Thallium	205-1	4034865	4023432	3975992	4011430	0.78	cps
Thorium	232-1	839264	841399	825964	835542	1.00	cps
Tin	118-1	2182297	2188140	2148851	2173096	0.98	cps
Titanium	47-1	2343520	2354165	2317524	2338403	0.81	cps
Uranium	238-1	10052913	10025618	10155022	10077851	0.68	cps

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 12:57:44	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	228490	230400	228853	229248	0.44	cps
Yttrium	89-1	12851111	13115871	12877243	12948075	1.13	cps
Yttrium	89-2	2790969	2820418	2831743	2814376	0.75	cps
Zinc	66-2	98328	97523	97845	97898	0.41	cps
Zirconium	90-1	4853326	4847287	4820015	4840209	0.37	cps
Zirconium	91-1	1080295	1072298	1072855	1075149	0.42	cps

LB Number : LB112148 Operator : JASWAL
 Lab Sample ID : LLICV01 Instrumnet Name : P7
 Client Sample ID : LLICV01 Dilution Factor : 1
 Date & Time Acquired :: 2020-11-25 13:20:33 DataFile Name : 013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2642	2650	2292	2528	8.09	cps
Antimony	121-1	11980	12689	12214	12295	2.94	cps
Arsenic	75-2	320	389	300	336	13.84	cps
Barium	135-1	13649	12831	13482	13321	3.24	cps
Barium	137-1	22802	23262	23320	23128	1.23	cps
Beryllium	9-1	2067	1939	1839	1948	5.86	cps
Bismuth	209-1	6064747	6040848	6071628	6059074	0.27	cps
Bismuth	209-2	4119125	4105541	4062208	4095625	0.73	cps
Boron	10-1	5168	5334	5451	5318	2.68	cps
Boron	11-1	24270	25656	25071	24999	2.78	cps
Bromine	81-1	3376	2975	3242	3198	6.37	cps
Bromine	81-2	60	80	50	63	24.12	cps
Cadmium	111-1	4756	4538	4825	4706	3.18	cps
Cadmium	106-1	4726	4434	4968	4709	5.67	cps
Cadmium	108-1	104	142	117	121	15.80	cps
Calcium	43-1	9645	9311	9195	9384	2.49	cps
Calcium	44-1	173852	172975	174011	173613	0.32	cps
Chromium	52-2	6398	6785	6788	6657	3.37	cps
Cobalt	59-2	4544	4151	4244	4313	4.77	cps
Copper	63-2	8269	8466	8009	8248	2.78	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	3	13	10	9	57.30	cps
Erbium	164-1	42	58	67	56	22.91	cps
Erbium	164-2	37	33	27	32	15.80	cps
Gadolinium	160-1	83	108	58	83	30.00	cps
Gadolinium	160-2	137	127	167	143	14.52	cps
Holmium	165-1	10228079	10256790	10258696	10247855	0.17	cps
Holmium	165-2	6074503	6065004	6017012	6052173	0.51	cps
Indium	115-1	7595085	7520927	7552764	7556259	0.49	cps
Indium	115-2	2145137	2162425	2142979	2150181	0.50	cps
Iron	54-2	8081	7840	8000	7974	1.54	cps
Iron	56-2	125586	124970	124085	124880	0.60	cps
Iron	57-2	3117	3478	3373	3323	5.59	cps
Krypton	83-1	720	723	653	699	5.65	cps
Lead	206-1	5229	5568	6018	5605	7.06	cps
Lead	207-1	4706	4701	4545	4651	1.97	cps

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 13:20:33	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	5859	6850	7030	6580	9.58	cps
Lithium	6-1	2469716	2468982	2467786	2468828	0.04	cps
Magnesium	24-2	123757	120942	120497	121732	1.45	cps
Manganese	55-2	1927	1850	1747	1841	4.91	cps
Molybdenum	94-1	13023	12189	12114	12442	4.06	cps
Molybdenum	95-1	14908	15083	15167	15053	0.88	cps
Molybdenum	96-1	15918	16693	16827	16479	2.98	cps
Molybdenum	97-1	9537	9078	9487	9367	2.69	cps
Molybdenum	98-1	22944	24755	23645	23781	3.84	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	1157	1253	1113	1175	6.10	cps
Phosphorus	31-2	342	300	283	308	9.75	cps
Potassium	39-2	201668	206137	207261	205022	1.44	cps
Rhodium	103-1	7542386	7412647	7523849	7492961	0.94	cps
Rhodium	103-2	4326209	4283126	4299686	4303007	0.51	cps
Scandium	45-1	5547025	5454810	5523745	5508527	0.87	cps
Scandium	45-2	391347	396697	396541	394862	0.77	cps
Selenium	82-1	476	510	476	488	3.99	cps
Selenium	77-2	33	70	27	43	53.85	cps
Selenium	78-2	241	220	237	233	4.66	cps
Silicon	28-1	446301	450060	449613	448658	0.46	cps
Silver	109-1	7152	6793	7294	7080	3.64	cps
Silver	107-1	6869	7185	7194	7082	2.62	cps
Sodium	23-2	232473	231527	227075	230359	1.25	cps
Strontium	86-1	2834	2800	2975	2870	3.24	cps
Strontium	88-1	15951	15884	15734	15856	0.70	cps
Sulfur	34-1	692074	698055	691153	693761	0.54	cps
Terbium	159-1	10379475	10432764	10594246	10468828	1.07	cps
Terbium	159-2	6095139	6073992	6072009	6080380	0.21	cps
Thallium	203-1	5560	6002	5043	5535	8.67	cps
Thallium	205-1	17146	18258	17174	17526	3.62	cps
Thorium	232-1	411	333	372	372	10.45	cps
Tin	118-1	22276	21817	21417	21837	1.97	cps
Titanium	47-1	5001	4517	4659	4726	5.26	cps
Uranium	238-1	16525	16561	15711	16266	2.95	cps

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 13:20:33	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	11751	11681	11244	11559	2.38	cps
Yttrium	89-1	13073747	13009697	12930828	13004757	0.55	cps
Yttrium	89-2	2814300	2808100	2784812	2802404	0.55	cps
Zinc	66-2	1170	1233	1447	1283	11.30	cps
Zirconium	90-1	10671	10237	10312	10407	2.23	cps
Zirconium	91-1	2117	2242	2092	2150	3.74	cps

LB Number : LB112148 Operator : JASWAL
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-11-25 13:27:43 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125	117	83	108	20.35	cps
Antimony	121-1	117	58	92	89	32.93	cps
Arsenic	75-2	9	6	9	8	26.61	cps
Barium	135-1	0	8	0	3	173.21	cps
Barium	137-1	25	42	8	25	66.68	cps
Beryllium	9-1	28	61	50	46	36.66	cps
Bismuth	209-1	6012056	6009102	6017522	6012893	0.07	cps
Bismuth	209-2	4064450	4081205	4083659	4076438	0.26	cps
Boron	10-1	433	442	417	431	2.96	cps
Boron	11-1	1925	1934	1708	1856	6.88	cps
Bromine	81-1	3200	3059	3542	3267	7.61	cps
Bromine	81-2	100	110	70	93	22.30	cps
Cadmium	111-1	3111	3097	3259	3156	2.85	cps
Cadmium	106-1	4426	4409	4668	4501	3.21	cps
Cadmium	108-1	17	8	29	18	58.09	cps
Calcium	43-1	217	208	317	247	24.38	cps
Calcium	44-1	23694	23770	24404	23956	1.63	cps
Chromium	52-2	1027	883	903	938	8.28	cps
Cobalt	59-2	140	117	133	130	9.24	cps
Copper	63-2	2784	2720	2487	2664	5.87	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	13	0	3	6	124.93	cps
Erbium	164-1	67	50	58	58	14.29	cps
Erbium	164-2	20	27	37	28	30.20	cps
Gadolinium	160-1	92	75	75	81	11.95	cps
Gadolinium	160-2	130	123	147	133	9.01	cps
Holmium	165-1	10046125	10010839	10243522	10100162	1.24	cps
Holmium	165-2	6026983	6035661	6026780	6029808	0.08	cps
Indium	115-1	7432369	7517322	7558050	7502580	0.85	cps
Indium	115-2	2145860	2164335	2171507	2160567	0.61	cps
Iron	54-2	1031	921	1131	1028	10.23	cps
Iron	56-2	4718	4645	4984	4782	3.73	cps
Iron	57-2	406	294	428	376	19.00	cps
Krypton	83-1	663	727	673	688	4.95	cps
Lead	206-1	633	683	611	643	5.76	cps
Lead	207-1	622	494	583	567	11.56	cps

LB Number : LB112148 Operator : JASWAL
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-11-25 13:27:43 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	586	930	736	750	22.97	cps
Lithium	6-1	2457214	2442854	2470754	2456940	0.57	cps
Magnesium	24-2	258	217	242	239	8.78	cps
Manganese	55-2	83	70	107	87	21.42	cps
Molybdenum	94-1	325	242	208	258	23.26	cps
Molybdenum	95-1	58	83	67	69	18.34	cps
Molybdenum	96-1	192	183	108	161	28.49	cps
Molybdenum	97-1	25	33	33	31	15.74	cps
Molybdenum	98-1	92	158	142	131	26.57	cps
Neodymium	150-1	7	7	20	11	69.25	cps
Neodymium	150-2	0	10	0	3	173.21	cps
Nickel	60-2	43	33	37	38	13.48	cps
Phosphorus	31-2	325	325	225	292	19.79	cps
Potassium	39-2	83426	84020	82184	83210	1.13	cps
Rhodium	103-1	7387036	7297433	7417405	7367291	0.85	cps
Rhodium	103-2	4320488	4345123	4353464	4339692	0.40	cps
Scandium	45-1	5472502	5391143	5464264	5442637	0.82	cps
Scandium	45-2	394280	397517	400229	397342	0.75	cps
Selenium	82-1	129	-44	32	39	222.87	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	61	87	76	75	17.42	cps
Silicon	28-1	398203	421615	402668	407495	3.05	cps
Silver	109-1	67	83	58	69	18.34	cps
Silver	107-1	100	83	117	100	16.66	cps
Sodium	23-2	22526	22033	23335	22631	2.91	cps
Strontium	86-1	1183	1192	1150	1175	1.88	cps
Strontium	88-1	150	100	150	133	21.65	cps
Sulfur	34-1	696664	696274	705294	699411	0.73	cps
Terbium	159-1	10264710	10111414	10366293	10247472	1.25	cps
Terbium	159-2	6451911	6418217	6623507	6497878	1.69	cps
Thallium	203-1	67	42	100	69	42.14	cps
Thallium	205-1	137	142	280	186	43.71	cps
Thorium	232-1	356	317	306	326	8.06	cps
Tin	118-1	317	392	383	364	11.30	cps
Titanium	47-1	175	200	150	175	14.29	cps
Uranium	238-1	-49	5	12	-11	-312.17	cps

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 13:27:43	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	27	17	17	20	28.86	cps
Yttrium	89-1	12690210	12662366	12844427	12732335	0.77	cps
Yttrium	89-2	2828342	2826552	2843204	2832699	0.32	cps
Zinc	66-2	273	243	253	257	5.95	cps
Zirconium	90-1	742	517	558	606	19.77	cps
Zirconium	91-1	83	108	108	100	14.43	cps

LB Number : LB112148 Operator : JASWAL
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2020-11-25 13:31:17 DataFile Name : 015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11268348	11331705	11437563	11345872	0.75	cps
Antimony	121-1	7994	7869	7777	7880	1.38	cps
Arsenic	75-2	141	124	113	126	11.10	cps
Barium	135-1	1884	2100	2242	2075	8.70	cps
Barium	137-1	3926	3567	3659	3717	5.01	cps
Beryllium	9-1	494	539	400	478	14.85	cps
Bismuth	209-1	5987460	6007734	7324179	6439791	11.89	cps
Bismuth	209-2	4082789	4012565	4091158	4062171	1.06	cps
Boron	10-1	458	450	492	467	4.72	cps
Boron	11-1	2292	2125	2225	2214	3.79	cps
Bromine	81-1	4209	4326	4434	4323	2.60	cps
Bromine	81-2	180	180	180	180	0.00	cps
Cadmium	111-1	4219	4062	4112	4131	1.94	cps
Cadmium	106-1	4434	4618	4584	4545	2.15	cps
Cadmium	108-1	1704	1808	1858	1790	4.39	cps
Calcium	43-1	1952998	1973299	1970488	1965595	0.56	cps
Calcium	44-1	30475450	30308879	30681624	30488651	0.61	cps
Chromium	52-2	60128	60574	59968	60223	0.52	cps
Cobalt	59-2	5281	5141	5278	5233	1.53	cps
Copper	63-2	32509	32423	32586	32506	0.25	cps
Dysprosium	156-1	33	33	33	33	0.00	cps
Dysprosium	156-2	27	23	27	26	7.55	cps
Erbium	164-1	17	92	125	78	71.34	cps
Erbium	164-2	30	37	37	34	11.18	cps
Gadolinium	160-1	108	183	117	136	30.20	cps
Gadolinium	160-2	150	153	150	151	1.28	cps
Holmium	165-1	10389507	10636811	11025105	10683807	3.00	cps
Holmium	165-2	6641069	6744844	6744685	6710200	0.89	cps
Indium	115-1	7480463	7529699	7829016	7613060	2.48	cps
Indium	115-2	2156302	2139899	2176909	2157704	0.86	cps
Iron	54-2	13633527	13613853	13712532	13653304	0.38	cps
Iron	56-2	249652489	248804572	250771978	249743013	0.40	cps
Iron	57-2	6212852	6110575	6118485	6147304	0.93	cps
Krypton	83-1	723	657	707	696	4.99	cps
Lead	206-1	23911	24528	24261	24233	1.28	cps
Lead	207-1	18886	19320	18519	18908	2.12	cps

LB Number : LB112148 Operator : JASWAL
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2020-11-25 13:31:17 DataFile Name : 015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	27150	25471	28295	26972	5.27	cps
Lithium	6-1	2362369	2390597	2479936	2410967	2.55	cps
Magnesium	24-2	24339857	24254208	24356005	24316690	0.22	cps
Manganese	55-2	14324	14250	13993	14189	1.22	cps
Molybdenum	94-1	3452427	3503150	3477444	3477674	0.73	cps
Molybdenum	95-1	6199473	6295101	6315352	6269975	0.99	cps
Molybdenum	96-1	6616476	6690945	6640500	6649307	0.57	cps
Molybdenum	97-1	3777975	3784795	3764495	3775755	0.27	cps
Molybdenum	98-1	9867008	9916760	9906531	9896766	0.27	cps
Neodymium	150-1	20	47	13	27	66.16	cps
Neodymium	150-2	13	10	10	11	17.30	cps
Nickel	60-2	6738	6368	6288	6465	3.72	cps
Phosphorus	31-2	743176	729482	739567	737408	0.96	cps
Potassium	39-2	24663876	24489704	24875559	24676379	0.78	cps
Rhodium	103-1	7123776	7202636	7493130	7273180	2.67	cps
Rhodium	103-2	4316876	4288805	4375130	4326937	1.02	cps
Scandium	45-1	5471548	5457793	5766228	5565190	3.13	cps
Scandium	45-2	405689	405262	410123	407025	0.66	cps
Selenium	82-1	-7	77	24	31	135.97	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	72	93	89	85	12.83	cps
Silicon	28-1	514010	518190	511685	514628	0.64	cps
Silver	109-1	2184	2234	2100	2172	3.10	cps
Silver	107-1	2434	2067	2150	2217	8.67	cps
Sodium	23-2	42313247	42201606	42740122	42418325	0.67	cps
Strontium	86-1	66277	66688	69175	67380	2.33	cps
Strontium	88-1	561770	571517	574674	569320	1.18	cps
Sulfur	34-1	3625917	3632990	3587064	3615324	0.68	cps
Terbium	159-1	10630167	10783105	11236814	10883362	2.90	cps
Terbium	159-2	6772301	6693047	6744012	6736453	0.60	cps
Thallium	203-1	900	733	783	806	10.62	cps
Thallium	205-1	2762	2670	2335	2589	8.68	cps
Thorium	232-1	517	428	372	439	16.60	cps
Tin	118-1	1492	1583	1750	1608	8.14	cps
Titanium	47-1	1924349	1926282	1930034	1926888	0.15	cps
Uranium	238-1	-1727	-1858	-1575	-1720	-8.22	cps

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 13:31:17	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	427	397	427	417	4.16	cps
Yttrium	89-1	12791918	13232236	13734761	13252971	3.56	cps
Yttrium	89-2	2885651	2852733	2918856	2885747	1.15	cps
Zinc	66-2	6818	6491	6498	6603	2.83	cps
Zirconium	90-1	1050	992	1183	1075	9.14	cps
Zirconium	91-1	175	258	242	225	19.60	cps

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 13:34:45	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11601172	11679993	11564398	11615188	0.51	cps
Antimony	121-1	139546	139402	139435	139461	0.05	cps
Arsenic	75-2	7567	7671	7356	7531	2.13	cps
Barium	135-1	31336	31386	33115	31945	3.17	cps
Barium	137-1	54675	54691	56264	55210	1.65	cps
Beryllium	9-1	35391	34946	35514	35284	0.85	cps
Bismuth	209-1	7177766	7156198	7235093	7189686	0.57	cps
Bismuth	209-2	4090689	4084353	4146507	4107183	0.83	cps
Boron	10-1	10387	9487	10270	10048	4.87	cps
Boron	11-1	47717	47207	49080	48001	2.02	cps
Bromine	81-1	4426	3809	4326	4187	7.91	cps
Bromine	81-2	120	160	210	164	27.61	cps
Cadmium	111-1	36385	36744	36617	36582	0.50	cps
Cadmium	106-1	8995	8494	8736	8742	2.86	cps
Cadmium	108-1	4280	4084	4347	4237	3.22	cps
Calcium	43-1	2023297	2013993	2047610	2028300	0.86	cps
Calcium	44-1	31044354	31189133	31477709	31237065	0.71	cps
Chromium	52-2	120574	123761	120077	121470	1.65	cps
Cobalt	59-2	97293	97045	96381	96906	0.49	cps
Copper	63-2	98159	99297	97871	98442	0.77	cps
Dysprosium	156-1	25	8	58	31	83.32	cps
Dysprosium	156-2	33	57	20	37	50.62	cps
Erbium	164-1	83	92	117	97	17.84	cps
Erbium	164-2	30	60	47	46	32.99	cps
Gadolinium	160-1	117	100	133	117	14.29	cps
Gadolinium	160-2	163	117	157	146	17.34	cps
Holmium	165-1	11010769	11096439	11112864	11073357	0.50	cps
Holmium	165-2	6825221	6840964	6842187	6836124	0.14	cps
Indium	115-1	7917832	7756242	7999042	7891038	1.57	cps
Indium	115-2	2183904	2208188	2235523	2209205	1.17	cps
Iron	54-2	13898879	14106806	14066512	14024066	0.79	cps
Iron	56-2	258380689	258047645	252802095	256410143	1.22	cps
Iron	57-2	6355736	6322106	6247941	6308595	0.87	cps
Krypton	83-1	640	853	740	744	14.34	cps
Lead	206-1	123422	121958	124599	123327	1.07	cps
Lead	207-1	98386	101207	100401	99998	1.45	cps

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 13:34:45	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	139417	132854	138708	136993	2.63	cps
Lithium	6-1	2339865	2348784	2343722	2344124	0.19	cps
Magnesium	24-2	25044048	25381656	24842827	25089510	1.09	cps
Manganese	55-2	51239	51590	51336	51388	0.35	cps
Molybdenum	94-1	3797443	3836072	3831591	3821702	0.55	cps
Molybdenum	95-1	6560562	6525613	6578287	6554821	0.41	cps
Molybdenum	96-1	7016443	7039582	7130469	7062165	0.85	cps
Molybdenum	97-1	3992851	3970160	3995650	3986220	0.35	cps
Molybdenum	98-1	10452889	10327455	10510944	10430429	0.90	cps
Neodymium	150-1	13	53	13	27	86.61	cps
Neodymium	150-2	13	13	7	11	34.61	cps
Nickel	60-2	30599	30986	30705	30763	0.65	cps
Phosphorus	31-2	752043	770181	752570	758264	1.36	cps
Potassium	39-2	25397661	25667180	25464044	25509628	0.55	cps
Rhodium	103-1	7658682	7606444	7697068	7654065	0.59	cps
Rhodium	103-2	4422269	4435217	4503338	4453608	0.98	cps
Scandium	45-1	5746087	5759595	5780857	5762180	0.30	cps
Scandium	45-2	414508	418732	423314	418851	1.05	cps
Selenium	82-1	2123	1951	2032	2035	4.24	cps
Selenium	77-2	147	190	177	171	12.97	cps
Selenium	78-2	593	626	580	599	3.98	cps
Silicon	28-1	748933	741284	745845	745354	0.52	cps
Silver	109-1	140929	141896	143907	142244	1.07	cps
Silver	107-1	150137	149960	149641	149913	0.17	cps
Sodium	23-2	43842176	44094354	43422877	43786469	0.77	cps
Strontium	86-1	161136	162619	163250	162335	0.67	cps
Strontium	88-1	1402165	1389464	1406729	1399453	0.64	cps
Sulfur	34-1	3665093	3638767	3658675	3654178	0.38	cps
Terbium	159-1	11193026	11127475	11279419	11199973	0.68	cps
Terbium	159-2	6768199	6875590	6845123	6829638	0.81	cps
Thallium	203-1	120130	123737	123586	122484	1.67	cps
Thallium	205-1	385045	388494	389586	387708	0.61	cps
Thorium	232-1	132857	132686	134593	133379	0.79	cps
Tin	118-1	228353	223322	229450	227041	1.44	cps
Titanium	47-1	1999574	2023431	2034580	2019195	0.89	cps
Uranium	238-1	869976	883134	893673	882261	1.35	cps

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 13:34:45	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	50275	51446	50075	50599	1.46	cps
Yttrium	89-1	13825220	13744379	13838947	13802849	0.37	cps
Yttrium	89-2	2938000	2980691	3023112	2980601	1.43	cps
Zinc	66-2	17284	17577	17350	17404	0.88	cps
Zirconium	90-1	515148	519219	517005	517124	0.39	cps
Zirconium	91-1	112430	114782	114479	113897	1.12	cps

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	CCV23	Instrumnet Name :	P7
Client Sample ID :	CCV23	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 13:38:12	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5740167	5690260	5631277	5687235	0.96	cps
Antimony	121-1	3249306	3242428	3232152	3241295	0.27	cps
Arsenic	75-2	179511	180255	177822	179196	0.70	cps
Barium	135-1	3643313	3644724	3624904	3637647	0.30	cps
Barium	137-1	6660134	6729869	6691636	6693880	0.52	cps
Beryllium	9-1	878181	886165	880388	881578	0.47	cps
Bismuth	209-1	6988265	6056058	6002973	6349099	8.73	cps
Bismuth	209-2	3913550	3918883	3926897	3919776	0.17	cps
Boron	10-1	98183	102260	103325	101256	2.68	cps
Boron	11-1	469416	477278	483448	476714	1.48	cps
Bromine	81-1	3734	3234	3601	3523	7.35	cps
Bromine	81-2	60	80	70	70	14.29	cps
Cadmium	111-1	785257	783285	792294	786945	0.60	cps
Cadmium	106-1	87645	89397	90093	89045	1.42	cps
Cadmium	108-1	59653	59859	59532	59681	0.28	cps
Calcium	43-1	4792091	4776696	4851485	4806757	0.82	cps
Calcium	44-1	75028114	75786537	75635714	75483455	0.53	cps
Chromium	52-2	1488806	1489178	1485291	1487758	0.14	cps
Cobalt	59-2	2183715	2170978	2180854	2178516	0.31	cps
Copper	63-2	15364239	15311810	15156771	15277607	0.71	cps
Dysprosium	156-1	342	258	250	283	17.89	cps
Dysprosium	156-2	140	153	213	169	23.13	cps
Erbium	164-1	83	75	83	81	5.98	cps
Erbium	164-2	80	70	70	73	7.87	cps
Gadolinium	160-1	283	375	300	319	15.29	cps
Gadolinium	160-2	307	237	273	272	12.86	cps
Holmium	165-1	10838269	10997006	10809407	10881561	0.93	cps
Holmium	165-2	6175307	6724569	6139407	6346428	5.17	cps
Indium	115-1	7724982	7652580	7636153	7671238	0.62	cps
Indium	115-2	2096153	2100306	2100618	2099026	0.12	cps
Iron	54-2	16641346	16519901	16319650	16493632	0.98	cps
Iron	56-2	299027684	298166218	298390640	298528181	0.15	cps
Iron	57-2	7458849	7370735	7468515	7432700	0.72	cps
Krypton	83-1	670	750	697	706	5.77	cps
Lead	206-1	14413622	14402101	14279531	14365084	0.52	cps
Lead	207-1	12789833	12767298	12720360	12759164	0.28	cps

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	CCV23	Instrumnet Name :	P7
Client Sample ID :	CCV23	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 13:38:12	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	14892753	15052658	14836138	14927183	0.75	cps
Lithium	6-1	2314844	2323381	2327433	2321886	0.28	cps
Magnesium	24-2	62524364	62378470	61735133	62212656	0.67	cps
Manganese	55-2	9295625	9427567	9367547	9363580	0.71	cps
Molybdenum	94-1	6607562	6600598	6696893	6635018	0.81	cps
Molybdenum	95-1	8226897	8174180	8285840	8228972	0.68	cps
Molybdenum	96-1	9120129	9201867	9136340	9152779	0.47	cps
Molybdenum	97-1	4939536	4944583	4956002	4946707	0.17	cps
Molybdenum	98-1	13002285	12941882	13120678	13021615	0.70	cps
Neodymium	150-1	153	267	180	200	29.63	cps
Neodymium	150-2	63	47	27	46	40.29	cps
Nickel	60-2	579948	582331	575127	579136	0.63	cps
Phosphorus	31-2	76328	76462	75867	76219	0.41	cps
Potassium	39-2	30697155	30503351	30979235	30726580	0.78	cps
Rhodium	103-1	7303571	7217445	7305246	7275421	0.69	cps
Rhodium	103-2	4171941	4190543	4162693	4175059	0.34	cps
Scandium	45-1	5580350	5697937	5574937	5617742	1.24	cps
Scandium	45-2	399414	398165	399514	399031	0.19	cps
Selenium	82-1	50341	50100	50694	50379	0.59	cps
Selenium	77-2	3834	3687	3680	3734	2.32	cps
Selenium	78-2	12937	12704	13306	12982	2.34	cps
Silicon	28-1	3293905	3375578	3434670	3368051	2.10	cps
Silver	109-1	3564227	3554801	3575532	3564853	0.29	cps
Silver	107-1	3751127	3727549	3751990	3743555	0.37	cps
Sodium	23-2	105019332	103608431	104273965	104300576	0.68	cps
Strontium	86-1	976641	982877	972176	977232	0.55	cps
Strontium	88-1	8584853	8754109	8647632	8662198	0.99	cps
Sulfur	34-1	931239	936543	933096	933626	0.29	cps
Terbium	159-1	11008917	10950784	10870193	10943298	0.64	cps
Terbium	159-2	6645224	6573763	6650705	6623231	0.65	cps
Thallium	203-1	2949724	2977439	2949290	2958818	0.55	cps
Thallium	205-1	10258168	10288006	10168486	10238220	0.61	cps
Thorium	232-1	12491399	12570750	12425145	12495765	0.58	cps
Tin	118-1	2352360	2351408	2349449	2351072	0.06	cps
Titanium	47-1	2424788	2446324	2427547	2432886	0.48	cps
Uranium	238-1	9918472	9867392	9915213	9900359	0.29	cps

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	CCV23	Instrumnet Name :	P7
Client Sample ID :	CCV23	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 13:38:12	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1252333	1231434	1252716	1245494	0.98	cps
Yttrium	89-1	13384023	13370916	13325906	13360282	0.23	cps
Yttrium	89-2	2836417	2833929	2854138	2841495	0.39	cps
Zinc	66-2	2491244	2477032	2485206	2484494	0.29	cps
Zirconium	90-1	5521717	5635417	5389907	5515680	2.23	cps
Zirconium	91-1	1181748	1192021	1200386	1191385	0.78	cps

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	CCB23	Instrumnet Name :	P7
Client Sample ID :	CCB23	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 13:49:21	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	400	375	408	394	4.40	cps
Antimony	121-1	367	375	658	467	35.58	cps
Arsenic	75-2	22	31	20	25	24.11	cps
Barium	135-1	200	275	225	233	16.37	cps
Barium	137-1	467	317	383	389	19.33	cps
Beryllium	9-1	83	106	156	115	32.22	cps
Bismuth	209-1	6847421	6898474	7061299	6935731	1.61	cps
Bismuth	209-2	4001124	4002885	4064522	4022843	0.90	cps
Boron	10-1	758	858	767	794	6.98	cps
Boron	11-1	3717	3626	3492	3612	3.13	cps
Bromine	81-1	3159	3559	3501	3406	6.35	cps
Bromine	81-2	50	110	30	63	65.74	cps
Cadmium	111-1	3478	3149	3132	3253	5.99	cps
Cadmium	106-1	4868	4417	4434	4573	5.58	cps
Cadmium	108-1	13	8	25	15	56.79	cps
Calcium	43-1	525	492	433	483	9.60	cps
Calcium	44-1	29321	29789	29931	29680	1.07	cps
Chromium	52-2	1133	1060	1183	1126	5.51	cps
Cobalt	59-2	257	373	270	300	21.29	cps
Copper	63-2	3607	3797	3657	3687	2.67	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	3	10	3	6	69.34	cps
Erbium	164-1	33	58	92	61	47.89	cps
Erbium	164-2	23	27	37	29	24.03	cps
Gadolinium	160-1	33	67	158	86	75.17	cps
Gadolinium	160-2	117	90	93	100	14.53	cps
Holmium	165-1	10360359	10428471	10435010	10407947	0.40	cps
Holmium	165-2	5996318	6068379	6093088	6052595	0.83	cps
Indium	115-1	7647138	7587526	7619615	7618093	0.39	cps
Indium	115-2	2113737	2139517	2158915	2137390	1.06	cps
Iron	54-2	2232	2192	2473	2299	6.59	cps
Iron	56-2	25751	25762	25533	25682	0.50	cps
Iron	57-2	828	928	783	846	8.74	cps
Krypton	83-1	703	687	737	709	3.59	cps
Lead	206-1	2489	2456	2378	2441	2.34	cps
Lead	207-1	2167	2295	1961	2141	7.86	cps

LB Number : LB112148 Operator : JASWAL
 Lab Sample ID : CCB23 Instrumnet Name : P7
 Client Sample ID : CCB23 Dilution Factor : 1
 Date & Time Acquired :: 2020-11-25 13:49:21 DataFile Name : 018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	2017	2101	3129	2416	25.63	cps
Lithium	6-1	2352203	2392717	2420269	2388397	1.43	cps
Magnesium	24-2	5151	4751	4843	4915	4.27	cps
Manganese	55-2	693	723	707	708	2.12	cps
Molybdenum	94-1	625	600	725	650	10.18	cps
Molybdenum	95-1	708	675	625	669	6.27	cps
Molybdenum	96-1	550	742	650	647	14.81	cps
Molybdenum	97-1	375	283	367	342	14.84	cps
Molybdenum	98-1	1100	1025	1142	1089	5.43	cps
Neodymium	150-1	13	0	7	7	99.98	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	77	80	53	70	20.76	cps
Phosphorus	31-2	358	267	300	308	15.05	cps
Potassium	39-2	87272	88278	90290	88613	1.73	cps
Rhodium	103-1	7164161	7483527	7502181	7383290	2.57	cps
Rhodium	103-2	4336332	4362694	4392321	4363782	0.64	cps
Scandium	45-1	5439006	5469842	5468271	5459040	0.32	cps
Scandium	45-2	389926	392915	398277	393706	1.07	cps
Selenium	82-1	-48	47	-66	-22	-269.55	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	78	67	96	80	18.65	cps
Silicon	28-1	383800	386847	386153	385600	0.41	cps
Silver	109-1	208	142	192	181	19.22	cps
Silver	107-1	275	225	233	244	10.96	cps
Sodium	23-2	48136	47642	47776	47852	0.53	cps
Strontium	86-1	1350	1175	1225	1250	7.21	cps
Strontium	88-1	642	558	725	642	12.99	cps
Sulfur	34-1	678368	677313	673537	676406	0.38	cps
Terbium	159-1	10383080	10585684	10603710	10524158	1.16	cps
Terbium	159-2	6555478	6090816	6589049	6411781	4.34	cps
Thallium	203-1	425	425	392	414	4.65	cps
Thallium	205-1	1132	1132	1180	1148	2.43	cps
Thorium	232-1	1078	1050	1050	1059	1.51	cps
Tin	118-1	708	642	558	636	11.81	cps
Titanium	47-1	233	375	258	289	26.18	cps
Uranium	238-1	326	329	219	291	21.44	cps

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	CCB23	Instrumnet Name :	P7
Client Sample ID :	CCB23	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 13:49:21	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	90	80	53	74	25.46	cps
Yttrium	89-1	13189931	13158306	13056744	13134994	0.53	cps
Yttrium	89-2	2787218	2791481	2795174	2791291	0.14	cps
Zinc	66-2	383	437	497	439	12.92	cps
Zirconium	90-1	1242	942	1142	1108	13.78	cps
Zirconium	91-1	192	217	250	219	13.34	cps

LB Number : LB112148 Operator : JASWAL
 Lab Sample ID : CRI Instrumnet Name : P7
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2020-11-25 13:52:53 DataFile Name : 019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2700	2809	2650	2720	2.98	cps
Antimony	121-1	12381	11822	12231	12144	2.38	cps
Arsenic	75-2	357	337	370	355	4.73	cps
Barium	135-1	13140	14166	13440	13582	3.88	cps
Barium	137-1	23504	24547	23429	23826	2.62	cps
Beryllium	9-1	1928	2117	1561	1869	15.12	cps
Bismuth	209-1	7094205	7108741	7139835	7114260	0.33	cps
Bismuth	209-2	3974913	4037025	4070507	4027481	1.20	cps
Boron	10-1	5026	5426	5568	5340	5.26	cps
Boron	11-1	24946	25388	25998	25444	2.08	cps
Bromine	81-1	3225	3342	3109	3225	3.62	cps
Bromine	81-2	30	90	30	50	69.28	cps
Cadmium	111-1	4633	4492	4675	4600	2.08	cps
Cadmium	106-1	4718	4584	4884	4729	3.18	cps
Cadmium	108-1	117	138	117	124	9.73	cps
Calcium	43-1	9278	9495	9562	9445	1.57	cps
Calcium	44-1	174982	174407	173951	174447	0.30	cps
Chromium	52-2	6855	6582	6668	6702	2.09	cps
Cobalt	59-2	4297	4437	4407	4381	1.68	cps
Copper	63-2	8189	8146	8106	8147	0.51	cps
Dysprosium	156-1	0	0	17	6	173.21	cps
Dysprosium	156-2	3	17	10	10	66.70	cps
Erbium	164-1	67	50	50	56	17.32	cps
Erbium	164-2	27	17	13	19	36.75	cps
Gadolinium	160-1	92	92	92	92	0.00	cps
Gadolinium	160-2	103	113	113	110	5.25	cps
Holmium	165-1	10471802	10450279	10412821	10444967	0.29	cps
Holmium	165-2	6020449	6429009	6072623	6174027	3.60	cps
Indium	115-1	7712324	7702558	7781889	7732257	0.56	cps
Indium	115-2	2135427	2131324	2162999	2143250	0.80	cps
Iron	54-2	7920	8171	8020	8037	1.57	cps
Iron	56-2	128600	128377	125978	127652	1.14	cps
Iron	57-2	3417	3534	3578	3510	2.37	cps
Krypton	83-1	723	707	753	728	3.25	cps
Lead	206-1	5979	6541	6285	6268	4.48	cps
Lead	207-1	5435	5351	5218	5334	2.05	cps

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 13:52:53	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	6236	7618	7291	7048	10.24	cps
Lithium	6-1	2429087	2434978	2446784	2436950	0.37	cps
Magnesium	24-2	122193	123892	123353	123146	0.70	cps
Manganese	55-2	1863	2017	1643	1841	10.19	cps
Molybdenum	94-1	12306	12164	12214	12228	0.59	cps
Molybdenum	95-1	15267	15108	15375	15250	0.88	cps
Molybdenum	96-1	17678	16118	17152	16983	4.67	cps
Molybdenum	97-1	9428	9312	9653	9464	1.84	cps
Molybdenum	98-1	23720	24330	24814	24288	2.26	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	1420	1213	1377	1337	8.15	cps
Phosphorus	31-2	433	267	275	325	28.90	cps
Potassium	39-2	205318	205833	208368	206506	0.79	cps
Rhodium	103-1	7522703	7628077	7485887	7545556	0.98	cps
Rhodium	103-2	4322680	4366616	4406434	4365243	0.96	cps
Scandium	45-1	5457712	5567768	5520497	5515326	1.00	cps
Scandium	45-2	394097	396349	400381	396942	0.80	cps
Selenium	82-1	488	506	480	491	2.68	cps
Selenium	77-2	40	30	60	43	35.25	cps
Selenium	78-2	185	183	191	186	2.07	cps
Silicon	28-1	433537	436223	438470	436077	0.57	cps
Silver	109-1	7411	7444	6919	7258	4.05	cps
Silver	107-1	7235	7669	7436	7447	2.91	cps
Sodium	23-2	242429	247847	249102	246459	1.44	cps
Strontium	86-1	2825	2925	2909	2886	1.86	cps
Strontium	88-1	15575	15183	16702	15820	4.98	cps
Sulfur	34-1	679097	687491	686224	684271	0.66	cps
Terbium	159-1	10748875	10616854	10602977	10656235	0.76	cps
Terbium	159-2	6466253	6064499	6584435	6371729	4.28	cps
Thallium	203-1	5851	5418	5926	5732	4.79	cps
Thallium	205-1	18247	17908	18665	18273	2.08	cps
Thorium	232-1	478	394	378	417	12.86	cps
Tin	118-1	22126	22802	22460	22463	1.51	cps
Titanium	47-1	4934	4793	4401	4709	5.87	cps
Uranium	238-1	16724	15639	15787	16050	3.67	cps

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 13:52:53	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	11825	11455	11505	11595	1.73	cps
Yttrium	89-1	13202386	13145492	13176645	13174841	0.22	cps
Yttrium	89-2	2785188	2821528	2816964	2807893	0.70	cps
Zinc	66-2	1327	1330	1343	1333	0.66	cps
Zirconium	90-1	10279	10304	10713	10432	2.33	cps
Zirconium	91-1	1934	2200	2417	2184	11.09	cps

LB Number : LB112148 Operator : JASWAL
 Lab Sample ID : PB132720BL Instrumnet Name : P7
 Client Sample ID : PB132720BL Dilution Factor : 1
 Date & Time Acquired :: 2020-11-25 13:56:25 DataFile Name : 020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108	58	108	92	31.49	cps
Antimony	121-1	125	92	192	136	37.41	cps
Arsenic	75-2	11	11	11	11	0.00	cps
Barium	135-1	42	42	25	36	26.65	cps
Barium	137-1	58	58	25	47	40.75	cps
Beryllium	9-1	33	50	33	39	24.75	cps
Bismuth	209-1	6808531	6855572	6038895	6567666	6.98	cps
Bismuth	209-2	3951695	3931202	3949811	3944236	0.29	cps
Boron	10-1	425	542	550	506	13.82	cps
Boron	11-1	2425	2175	2017	2206	9.34	cps
Bromine	81-1	2925	3184	3492	3200	8.87	cps
Bromine	81-2	80	60	70	70	14.29	cps
Cadmium	111-1	3291	3268	3229	3263	0.96	cps
Cadmium	106-1	4659	4659	4609	4643	0.62	cps
Cadmium	108-1	0	8	8	6	86.60	cps
Calcium	43-1	158	325	167	217	43.34	cps
Calcium	44-1	24704	24554	24763	24674	0.44	cps
Chromium	52-2	1000	997	1017	1004	1.07	cps
Cobalt	59-2	163	147	137	149	9.05	cps
Copper	63-2	2454	2604	2480	2512	3.19	cps
Dysprosium	156-1	8	8	33	17	86.62	cps
Dysprosium	156-2	27	0	0	9	173.21	cps
Erbium	164-1	50	58	42	50	16.66	cps
Erbium	164-2	20	43	23	29	43.68	cps
Gadolinium	160-1	100	100	108	103	4.68	cps
Gadolinium	160-2	137	67	140	114	36.18	cps
Holmium	165-1	10178430	10230273	10393040	10267248	1.09	cps
Holmium	165-2	5975897	5970503	5924913	5957104	0.47	cps
Indium	115-1	7552784	7670980	7529413	7584392	1.00	cps
Indium	115-2	2116699	2121404	2104802	2114302	0.40	cps
Iron	54-2	1131	1131	1211	1158	3.99	cps
Iron	56-2	5685	5507	5679	5623	1.80	cps
Iron	57-2	422	350	356	376	10.69	cps
Krypton	83-1	667	683	700	683	2.44	cps
Lead	206-1	1267	1478	1256	1333	9.39	cps
Lead	207-1	1178	1117	1189	1161	3.35	cps

LB Number : LB112148 Operator : JASWAL
 Lab Sample ID : PB132720BL Instrumnet Name : P7
 Client Sample ID : PB132720BL Dilution Factor : 1
 Date & Time Acquired :: 2020-11-25 13:56:25 DataFile Name : 020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	1252	1660	1066	1326	22.91	cps
Lithium	6-1	2412366	2425159	2434805	2424110	0.46	cps
Magnesium	24-2	400	408	383	397	3.20	cps
Manganese	55-2	160	93	103	119	30.24	cps
Molybdenum	94-1	233	233	317	261	18.43	cps
Molybdenum	95-1	50	133	83	89	47.19	cps
Molybdenum	96-1	133	133	150	139	6.93	cps
Molybdenum	97-1	33	67	50	50	33.34	cps
Molybdenum	98-1	108	117	67	97	27.55	cps
Neodymium	150-1	7	27	0	11	124.89	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	37	40	17	31	40.56	cps
Phosphorus	31-2	350	317	350	339	5.68	cps
Potassium	39-2	83442	86292	84691	84808	1.68	cps
Rhodium	103-1	7477718	7585594	7477023	7513445	0.83	cps
Rhodium	103-2	4316694	4349720	4315990	4327468	0.45	cps
Scandium	45-1	5440051	5513106	5549047	5500735	1.01	cps
Scandium	45-2	394775	396320	397586	396227	0.36	cps
Selenium	82-1	93	35	57	62	47.13	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	96	76	93	88	12.29	cps
Silicon	28-1	399390	392094	393923	395136	0.96	cps
Silver	109-1	75	75	75	75	0.00	cps
Silver	107-1	158	100	108	122	25.81	cps
Sodium	23-2	33897	33855	33546	33766	0.57	cps
Strontium	86-1	1108	1142	958	1070	9.13	cps
Strontium	88-1	117	92	75	94	22.21	cps
Sulfur	34-1	686235	681274	683188	683566	0.37	cps
Terbium	159-1	10406457	10631838	10532076	10523457	1.07	cps
Terbium	159-2	6017207	6023097	5997276	6012527	0.23	cps
Thallium	203-1	100	100	83	94	10.18	cps
Thallium	205-1	305	322	358	328	8.31	cps
Thorium	232-1	378	350	272	333	16.41	cps
Tin	118-1	292	375	425	364	18.51	cps
Titanium	47-1	233	133	150	172	31.11	cps
Uranium	238-1	-56	-116	-80	-84	-36.41	cps

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	PB132720BL	Instrumnet Name :	P7
Client Sample ID :	PB132720BL	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 13:56:25	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	3	7	13	8	65.47	cps
Yttrium	89-1	13106041	13165120	12921650	13064270	0.97	cps
Yttrium	89-2	2786195	2776022	2754927	2772381	0.58	cps
Zinc	66-2	260	297	357	304	16.03	cps
Zirconium	90-1	642	667	592	633	6.03	cps
Zirconium	91-1	158	150	108	139	19.29	cps

LB Number : LB112148 Operator : JASWAL
 Lab Sample ID : PB132720BS Instrumnet Name : P7
 Client Sample ID : PB132720BS Dilution Factor : 1
 Date & Time Acquired :: 2020-11-25 13:59:58 DataFile Name : 021LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1220223	1227861	1215985	1221356	0.49	cps
Antimony	121-1	3309736	3291985	3296463	3299395	0.28	cps
Arsenic	75-2	184184	185200	185365	184916	0.35	cps
Barium	135-1	3621917	3700436	3680149	3667501	1.11	cps
Barium	137-1	6708451	6826724	6843242	6792805	1.08	cps
Beryllium	9-1	934440	925860	925116	928472	0.56	cps
Bismuth	209-1	7207911	7168936	7332961	7236603	1.18	cps
Bismuth	209-2	4021709	4014446	4065749	4033968	0.69	cps
Boron	10-1	103116	103535	103972	103541	0.41	cps
Boron	11-1	483364	488344	484422	485377	0.54	cps
Bromine	81-1	3000	3334	2925	3087	7.04	cps
Bromine	81-2	40	70	90	67	37.75	cps
Cadmium	111-1	816110	819428	819159	818233	0.23	cps
Cadmium	106-1	91662	89631	92022	91105	1.41	cps
Cadmium	108-1	61097	62662	61591	61783	1.29	cps
Calcium	43-1	1021107	1023989	1018755	1021284	0.26	cps
Calcium	44-1	15834559	15807580	15864132	15835423	0.18	cps
Chromium	52-2	1502646	1521517	1513867	1512677	0.63	cps
Cobalt	59-2	2243084	2280922	2262629	2262212	0.84	cps
Copper	63-2	16041702	16182139	16065712	16096518	0.47	cps
Dysprosium	156-1	117	150	83	117	28.57	cps
Dysprosium	156-2	143	73	83	100	37.87	cps
Erbium	164-1	83	33	83	67	43.31	cps
Erbium	164-2	27	43	33	34	24.35	cps
Gadolinium	160-1	150	133	175	153	13.73	cps
Gadolinium	160-2	173	120	113	136	24.26	cps
Holmium	165-1	10642244	10879959	10692456	10738220	1.17	cps
Holmium	165-2	6214990	6796866	6773345	6595067	4.99	cps
Indium	115-1	7713996	7834133	7779854	7775994	0.77	cps
Indium	115-2	2158446	2162553	2172717	2164572	0.34	cps
Iron	54-2	3628913	3635778	3639288	3634660	0.15	cps
Iron	56-2	64569524	65358636	64656090	64861417	0.67	cps
Iron	57-2	1592522	1598022	1585229	1591924	0.40	cps
Krypton	83-1	723	723	687	711	2.98	cps
Lead	206-1	14887717	14823510	14807284	14839504	0.29	cps
Lead	207-1	13456149	13278281	13218052	13317494	0.93	cps

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	PB132720BS	Instrumnet Name :	P7
Client Sample ID :	PB132720BS	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 13:59:58	DataFile Name :	021LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	15016196	15678765	15557616	15417526	2.29	cps
Lithium	6-1	2442199	2484799	2486281	2471093	1.01	cps
Magnesium	24-2	13268143	13181790	13098320	13182751	0.64	cps
Manganese	55-2	9728982	9762396	9794031	9761803	0.33	cps
Molybdenum	94-1	6574319	6703631	6637377	6638443	0.97	cps
Molybdenum	95-1	8229410	8236883	8268956	8245083	0.25	cps
Molybdenum	96-1	9069101	9090307	9203434	9120948	0.79	cps
Molybdenum	97-1	4937241	4942973	4965229	4948481	0.30	cps
Molybdenum	98-1	13096627	13033036	13086576	13072080	0.26	cps
Neodymium	150-1	233	247	227	236	4.32	cps
Neodymium	150-2	20	33	37	30	29.40	cps
Nickel	60-2	594701	598258	598055	597005	0.33	cps
Phosphorus	31-2	79311	79050	78288	78883	0.67	cps
Potassium	39-2	6605811	6649247	6594662	6616573	0.44	cps
Rhodium	103-1	7390901	7493999	7464198	7449699	0.71	cps
Rhodium	103-2	4330233	4364733	4352817	4349261	0.40	cps
Scandium	45-1	5555457	5624932	5596973	5592454	0.63	cps
Scandium	45-2	403826	407540	407990	406452	0.56	cps
Selenium	82-1	52070	51807	52472	52116	0.64	cps
Selenium	77-2	4091	3914	4031	4012	2.24	cps
Selenium	78-2	13384	13593	13499	13492	0.78	cps
Silicon	28-1	3562041	3633472	3656777	3617430	1.36	cps
Silver	109-1	3738175	3750687	3726615	3738492	0.32	cps
Silver	107-1	3874025	3911476	3871685	3885729	0.57	cps
Sodium	23-2	22212328	22132169	22118365	22154287	0.23	cps
Strontium	86-1	1002776	996154	1001043	999991	0.34	cps
Strontium	88-1	8852193	8833640	8833508	8839780	0.12	cps
Sulfur	34-1	1000153	988081	980055	989430	1.02	cps
Terbium	159-1	10919520	10895429	11036144	10950364	0.69	cps
Terbium	159-2	6696198	6863567	6830545	6796770	1.30	cps
Thallium	203-1	3008607	3036694	2995431	3013577	0.70	cps
Thallium	205-1	10565613	10554268	10550656	10556846	0.07	cps
Thorium	232-1	12473770	12595573	12494497	12521280	0.52	cps
Tin	118-1	2401141	2410212	2432190	2414514	0.66	cps
Titanium	47-1	2428802	2442321	2405460	2425528	0.77	cps
Uranium	238-1	9888154	9833879	10051663	9924566	1.14	cps

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	PB132720BS	Instrumnet Name :	P7
Client Sample ID :	PB132720BS	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 13:59:58	DataFile Name :	021LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1257859	1270830	1256381	1261690	0.63	cps
Yttrium	89-1	13160246	13416236	13243011	13273164	0.98	cps
Yttrium	89-2	2860075	2883424	2883086	2875528	0.47	cps
Zinc	66-2	2607377	2616042	2603049	2608822	0.25	cps
Zirconium	90-1	5390554	5416802	5606020	5471125	2.15	cps
Zirconium	91-1	1203498	1207664	1205466	1205543	0.17	cps

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	L4548-11DL2X5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL2	Dilution Factor :	5
Date & Time Acquired ::	2020-11-25 14:16:51	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1943882	1952111	1895980	1930658	1.57	cps
Antimony	121-1	581551	581208	587406	583388	0.60	cps
Arsenic	75-2	153060	153279	151331	152557	0.70	cps
Barium	135-1	2031410	2054154	2030658	2038741	0.66	cps
Barium	137-1	3494039	3565219	3581366	3546875	1.31	cps
Beryllium	9-1	213742	208703	209969	210805	1.24	cps
Bismuth	209-1	7024482	7037580	7089817	7050626	0.49	cps
Bismuth	209-2	3924953	3949434	3934050	3936145	0.31	cps
Boron	10-1	30590	32126	31642	31453	2.50	cps
Boron	11-1	150667	153160	153706	152511	1.06	cps
Bromine	81-1	5851	6085	6818	6252	8.07	cps
Bromine	81-2	450	460	350	420	14.48	cps
Cadmium	111-1	721799	722920	724518	723079	0.19	cps
Cadmium	106-1	69704	68934	68959	69199	0.63	cps
Cadmium	108-1	47905	47931	49109	48315	1.42	cps
Calcium	43-1	280500	277408	280725	279545	0.66	cps
Calcium	44-1	4464511	4432305	4452600	4449805	0.37	cps
Chromium	52-2	397768	398768	392325	396287	0.87	cps
Cobalt	59-2	1501794	1502303	1474425	1492841	1.07	cps
Copper	63-2	1606694	1610999	1582535	1600076	0.96	cps
Dysprosium	156-1	32289	32672	32931	32631	0.99	cps
Dysprosium	156-2	18786	18840	18716	18781	0.33	cps
Erbium	164-1	24138	24414	23980	24177	0.91	cps
Erbium	164-2	14541	13814	13907	14087	2.81	cps
Gadolinium	160-1	28313	28705	29215	28745	1.57	cps
Gadolinium	160-2	18990	19083	18049	18707	3.06	cps
Holmium	165-1	10565012	10626994	10712796	10634934	0.70	cps
Holmium	165-2	6061766	6597050	6115739	6258185	4.71	cps
Indium	115-1	7636233	7759781	7732864	7709626	0.84	cps
Indium	115-2	2145235	2159016	2152576	2152276	0.32	cps
Iron	54-2	4180392	4194303	4119118	4164604	0.96	cps
Iron	56-2	75239168	76493074	74709432	75480558	1.21	cps
Iron	57-2	1878479	1879242	1831190	1862970	1.48	cps
Krypton	83-1	767	743	800	770	3.70	cps
Lead	206-1	1620405	1630614	1643322	1631447	0.70	cps
Lead	207-1	1355692	1375421	1383739	1371617	1.05	cps

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	L4548-11DL2X5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL2	Dilution Factor :	5
Date & Time Acquired ::	2020-11-25 14:16:51	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	1787322	1777869	1797462	1787551	0.55	cps
Lithium	6-1	2830725	2836248	2846064	2837679	0.27	cps
Magnesium	24-2	1531241	1531976	1491092	1518103	1.54	cps
Manganese	55-2	629400	634167	621564	628377	1.01	cps
Molybdenum	94-1	438534	442050	437009	439198	0.59	cps
Molybdenum	95-1	746752	743359	742624	744245	0.30	cps
Molybdenum	96-1	799209	788879	802121	796736	0.87	cps
Molybdenum	97-1	460044	451326	458910	456760	1.04	cps
Molybdenum	98-1	1169971	1178982	1180121	1176358	0.47	cps
Neodymium	150-1	58242	58965	59086	58765	0.78	cps
Neodymium	150-2	30978	30193	29077	30083	3.18	cps
Nickel	60-2	661151	657585	653020	657252	0.62	cps
Phosphorus	31-2	12731	12647	12197	12525	2.29	cps
Potassium	39-2	1090896	1096294	1088753	1091981	0.36	cps
Rhodium	103-1	7493162	7578187	7605921	7559090	0.78	cps
Rhodium	103-2	4419515	4424088	4452509	4432037	0.40	cps
Scandium	45-1	5788500	5688713	5694374	5723862	0.98	cps
Scandium	45-2	415772	413715	414025	414504	0.27	cps
Selenium	82-1	23364	23422	23470	23419	0.23	cps
Selenium	77-2	1947	1910	1917	1925	1.02	cps
Selenium	78-2	6316	6429	6101	6282	2.65	cps
Silicon	28-1	1535651	1502951	1504595	1514399	1.22	cps
Silver	109-1	484722	478616	483706	482348	0.68	cps
Silver	107-1	509732	509164	510389	509761	0.12	cps
Sodium	23-2	2600321	2587048	2570326	2585898	0.58	cps
Strontium	86-1	586806	598111	598052	594323	1.10	cps
Strontium	88-1	5055687	5090486	5029501	5058558	0.60	cps
Sulfur	34-1	653503	651749	639335	648196	1.19	cps
Terbium	159-1	10765286	10768459	10676433	10736726	0.49	cps
Terbium	159-2	6594440	6630941	6628267	6617883	0.31	cps
Thallium	203-1	3716102	3745193	3776337	3745877	0.80	cps
Thallium	205-1	12875774	13079840	13081997	13012537	0.91	cps
Thorium	232-1	222140	222720	222758	222539	0.16	cps
Tin	118-1	1091222	1111409	1114082	1105571	1.13	cps
Titanium	47-1	229282	229596	228605	229161	0.22	cps
Uranium	238-1	2436696	2455726	2464169	2452197	0.57	cps

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	L4548-11DL2X5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL2	Dilution Factor :	5
Date & Time Acquired ::	2020-11-25 14:16:51	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1266677	1276370	1262920	1268656	0.55	cps
Yttrium	89-1	13789536	13811152	13638236	13746308	0.69	cps
Yttrium	89-2	2935518	2958213	2934904	2942878	0.45	cps
Zinc	66-2	512153	512094	505513	509920	0.75	cps
Zirconium	90-1	49448	48658	47722	48609	1.78	cps
Zirconium	91-1	11038	11055	10796	10963	1.32	cps

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	L4548-11DL3X10	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL3	Dilution Factor :	10
Date & Time Acquired ::	2020-11-25 14:20:21	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	978401	967177	944167	963248	1.81	cps
Antimony	121-1	294787	294416	298338	295847	0.73	cps
Arsenic	75-2	76671	76998	75626	76432	0.94	cps
Barium	135-1	1026242	1028085	1036474	1030267	0.53	cps
Barium	137-1	1797117	1783511	1803746	1794791	0.57	cps
Beryllium	9-1	102566	103684	104921	103724	1.14	cps
Bismuth	209-1	6937085	6943252	7189147	7023161	2.05	cps
Bismuth	209-2	3951157	3922960	3903001	3925706	0.62	cps
Boron	10-1	15834	16192	16726	16251	2.76	cps
Boron	11-1	78889	79357	79643	79296	0.48	cps
Bromine	81-1	4251	4459	4417	4376	2.52	cps
Bromine	81-2	250	340	230	274	21.44	cps
Cadmium	111-1	366686	369507	369360	368517	0.43	cps
Cadmium	106-1	38002	37935	37768	37901	0.32	cps
Cadmium	108-1	24008	23795	24150	23984	0.74	cps
Calcium	43-1	141159	139383	143118	141220	1.32	cps
Calcium	44-1	2244846	2261193	2252558	2252866	0.36	cps
Chromium	52-2	204369	200746	196389	200501	1.99	cps
Cobalt	59-2	757517	748709	743329	749851	0.96	cps
Copper	63-2	813391	811431	797939	807587	1.04	cps
Dysprosium	156-1	16227	17053	16010	16430	3.35	cps
Dysprosium	156-2	9410	9186	8873	9156	2.95	cps
Erbium	164-1	12222	12448	12239	12303	1.02	cps
Erbium	164-2	7272	7499	7195	7322	2.16	cps
Gadolinium	160-1	13907	13791	14191	13963	1.47	cps
Gadolinium	160-2	9460	9437	9317	9404	0.82	cps
Holmium	165-1	10619521	10548892	10774026	10647480	1.08	cps
Holmium	165-2	6076426	6062347	6019127	6052633	0.49	cps
Indium	115-1	7834589	7745680	7832579	7804282	0.65	cps
Indium	115-2	2167318	2138569	2140714	2148867	0.75	cps
Iron	54-2	2143712	2109713	2058103	2103843	2.05	cps
Iron	56-2	38982777	38060088	37086690	38043185	2.49	cps
Iron	57-2	951239	935743	917974	934985	1.78	cps
Krypton	83-1	690	740	773	734	5.71	cps
Lead	206-1	823198	827266	816954	822473	0.63	cps
Lead	207-1	690116	689115	697002	692077	0.62	cps

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	L4548-11DL3X10	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL3	Dilution Factor :	10
Date & Time Acquired ::	2020-11-25 14:20:21	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	902816	897804	888924	896514	0.78	cps
Lithium	6-1	2546794	2584142	2587387	2572774	0.88	cps
Magnesium	24-2	771668	766797	747469	761978	1.68	cps
Manganese	55-2	319026	318770	308013	315270	1.99	cps
Molybdenum	94-1	218530	220119	219070	219240	0.37	cps
Molybdenum	95-1	372197	374378	372196	372924	0.34	cps
Molybdenum	96-1	399742	403200	398013	400318	0.66	cps
Molybdenum	97-1	228962	231966	228476	229801	0.82	cps
Molybdenum	98-1	593198	593937	597964	595033	0.43	cps
Neodymium	150-1	30487	29886	29245	29873	2.08	cps
Neodymium	150-2	15218	15409	14675	15101	2.52	cps
Nickel	60-2	333511	330860	326170	330180	1.13	cps
Phosphorus	31-2	6677	6810	6710	6732	1.03	cps
Potassium	39-2	591843	596812	589262	592639	0.65	cps
Rhodium	103-1	7625124	7678404	7664818	7656115	0.36	cps
Rhodium	103-2	4464814	4433443	4409966	4436075	0.62	cps
Scandium	45-1	5709735	5745657	5697399	5717597	0.44	cps
Scandium	45-2	412167	411041	408143	410450	0.51	cps
Selenium	82-1	11939	11842	11942	11908	0.48	cps
Selenium	77-2	883	987	853	908	7.71	cps
Selenium	78-2	3252	3308	3123	3228	2.95	cps
Silicon	28-1	938168	947797	951756	945907	0.74	cps
Silver	109-1	243568	247082	248031	246227	0.95	cps
Silver	107-1	258215	259225	258331	258590	0.21	cps
Sodium	23-2	1332910	1325322	1302211	1320148	1.21	cps
Strontium	86-1	294317	301202	301881	299133	1.40	cps
Strontium	88-1	2522205	2559521	2532114	2537947	0.76	cps
Sulfur	34-1	617460	611821	609493	612925	0.67	cps
Terbium	159-1	10848844	10729591	10907672	10828702	0.84	cps
Terbium	159-2	6585183	6588984	6514223	6562797	0.64	cps
Thallium	203-1	1860546	1850379	1887824	1866249	1.04	cps
Thallium	205-1	5920579	5961589	5990319	5957495	0.59	cps
Thorium	232-1	111455	111269	111158	111294	0.13	cps
Tin	118-1	555193	553721	560456	556457	0.64	cps
Titanium	47-1	113029	114399	113491	113640	0.61	cps
Uranium	238-1	1229646	1241860	1247815	1239774	0.75	cps

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	L4548-11DL3X10	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL3	Dilution Factor :	10
Date & Time Acquired ::	2020-11-25 14:20:21	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	633359	638462	623681	631834	1.19	cps
Yttrium	89-1	13516999	13749873	13522509	13596460	0.98	cps
Yttrium	89-2	2917252	2895500	2873657	2895470	0.75	cps
Zinc	66-2	258575	259931	251586	256697	1.74	cps
Zirconium	90-1	24346	24254	24488	24363	0.48	cps
Zirconium	91-1	6135	5943	5868	5982	2.30	cps

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	L4548-11	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOIL	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 14:25:00	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9699438	9445113	9570445	9571665	1.33	cps
Antimony	121-1	2924713	2953989	2937984	2938895	0.50	cps
Arsenic	75-2	768858	757775	764603	763745	0.73	cps
Barium	135-1	11004995	11000113	11178505	11061204	0.92	cps
Barium	137-1	19000847	19413030	19118868	19177582	1.11	cps
Beryllium	9-1	936110	928611	918323	927682	0.96	cps
Bismuth	209-1	7039432	7146294	6965597	7050441	1.29	cps
Bismuth	209-2	3790253	3918407	3742388	3817016	2.38	cps
Boron	10-1	147731	146687	147225	147214	0.35	cps
Boron	11-1	717898	721946	722775	720873	0.36	cps
Bromine	81-1	12781	13357	13006	13048	2.22	cps
Bromine	81-2	1812	1882	1922	1872	2.98	cps
Cadmium	111-1	3594801	3600093	3601364	3598753	0.10	cps
Cadmium	106-1	334249	327413	328437	330033	1.12	cps
Cadmium	108-1	242415	242568	238890	241291	0.86	cps
Calcium	43-1	1369421	1378606	1376283	1374770	0.35	cps
Calcium	44-1	21348737	21343336	21181435	21291170	0.45	cps
Chromium	52-2	2055214	2014693	1998787	2022898	1.44	cps
Cobalt	59-2	7954719	7875547	7913423	7914563	0.50	cps
Copper	63-2	8621657	8450883	8579646	8550729	1.04	cps
Dysprosium	156-1	166785	168339	164206	166444	1.25	cps
Dysprosium	156-2	92115	92871	90978	91988	1.04	cps
Erbium	164-1	122923	122519	122436	122626	0.21	cps
Erbium	164-2	69833	69250	69727	69603	0.45	cps
Gadolinium	160-1	144429	145043	145733	145068	0.45	cps
Gadolinium	160-2	92258	91563	91800	91874	0.38	cps
Holmium	165-1	11002668	11119066	11108105	11076613	0.58	cps
Holmium	165-2	6085096	6838123	6011011	6311410	7.25	cps
Indium	115-1	7896267	7898770	7895806	7896947	0.02	cps
Indium	115-2	2150187	2228870	2097618	2158892	3.06	cps
Iron	54-2	21522694	20944067	21036746	21167836	1.47	cps
Iron	56-2	387126309	383336297	382576897	384346501	0.63	cps
Iron	57-2	9493806	9490213	9423487	9469168	0.42	cps
Krypton	83-1	953	800	777	843	11.38	cps
Lead	206-1	9521374	9650059	9682069	9617834	0.88	cps
Lead	207-1	8220947	8245829	8291147	8252641	0.43	cps

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	L4548-11	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOIL	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 14:25:00	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	10314520	10518927	10459175	10430874	1.01	cps
Lithium	6-1	3945771	3866642	3781007	3864473	2.13	cps
Magnesium	24-2	7715388	7569352	7696472	7660404	1.04	cps
Manganese	55-2	3195031	3141636	3115123	3150597	1.29	cps
Molybdenum	94-1	2165552	2214989	2191724	2190755	1.13	cps
Molybdenum	95-1	3686600	3745628	3683607	3705278	0.94	cps
Molybdenum	96-1	3991525	4014392	3966945	3990954	0.59	cps
Molybdenum	97-1	2299945	2318374	2286897	2301739	0.69	cps
Molybdenum	98-1	6081315	6119028	6003787	6068043	0.97	cps
Neodymium	150-1	293397	300862	302535	298931	1.63	cps
Neodymium	150-2	148249	147629	148835	148237	0.41	cps
Nickel	60-2	3323877	3281494	3333348	3312906	0.83	cps
Phosphorus	31-2	63937	62556	61795	62763	1.73	cps
Potassium	39-2	5064928	4940309	5012465	5005901	1.25	cps
Rhodium	103-1	7529119	7669269	7507598	7568662	1.16	cps
Rhodium	103-2	4476267	4622581	4397302	4498717	2.54	cps
Scandium	45-1	5811742	5906951	5852637	5857110	0.82	cps
Scandium	45-2	450082	459093	437105	448760	2.46	cps
Selenium	82-1	118533	119224	118418	118725	0.37	cps
Selenium	77-2	9590	9476	9943	9670	2.52	cps
Selenium	78-2	30821	30560	30437	30606	0.64	cps
Silicon	28-1	6039643	5620996	5796601	5819080	3.61	cps
Silver	109-1	2408111	2416837	2386595	2403847	0.65	cps
Silver	107-1	2520835	2527187	2499672	2515898	0.57	cps
Sodium	23-2	13071873	12897679	12886158	12951903	0.80	cps
Strontium	86-1	2951502	2985600	2947305	2961469	0.71	cps
Strontium	88-1	26364525	26424693	26330343	26373187	0.18	cps
Sulfur	34-1	613689	606396	599399	606495	1.18	cps
Terbium	159-1	11019921	11061737	11132921	11071526	0.52	cps
Terbium	159-2	6666469	6854419	6423643	6648177	3.25	cps
Thallium	203-1	21604898	21667446	21717135	21663160	0.26	cps
Thallium	205-1	68335315	68408985	68943170	68562490	0.48	cps
Thorium	232-1	1136081	1153161	1149794	1146346	0.79	cps
Tin	118-1	5521287	5570342	5547427	5546352	0.44	cps
Titanium	47-1	1125261	1127689	1118185	1123712	0.44	cps
Uranium	238-1	14954208	14932482	15099761	14995484	0.61	cps

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	L4548-11	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOIL	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 14:25:00	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	6781728	6566627	6578336	6642230	1.82	cps
Yttrium	89-1	15192144	15232458	15106900	15177167	0.42	cps
Yttrium	89-2	3243574	3361208	3184384	3263055	2.76	cps
Zinc	66-2	2544748	2505891	2530149	2526929	0.78	cps
Zirconium	90-1	241805	237489	239870	239721	0.90	cps
Zirconium	91-1	55566	54495	55851	55304	1.29	cps

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	L4548-11DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	2
Date & Time Acquired ::	2020-11-25 14:37:58	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4774657	4762111	4556036	4697601	2.61	cps
Antimony	121-1	1480912	1488278	1488658	1485949	0.29	cps
Arsenic	75-2	386367	383166	376242	381925	1.36	cps
Barium	135-1	5181824	5224571	5262667	5223021	0.77	cps
Barium	137-1	9595084	9648612	9773190	9672295	0.94	cps
Beryllium	9-1	490238	485376	479536	485050	1.10	cps
Bismuth	209-1	7302914	7360577	7225340	7296277	0.93	cps
Bismuth	209-2	3803111	3838746	3853160	3831672	0.67	cps
Boron	10-1	74801	76635	76166	75868	1.26	cps
Boron	11-1	368263	373926	369486	370559	0.80	cps
Bromine	81-1	8303	8386	8269	8319	0.72	cps
Bromine	81-2	931	811	811	851	8.15	cps
Cadmium	111-1	1812348	1826733	1830108	1823063	0.52	cps
Cadmium	106-1	167149	172008	169941	169699	1.44	cps
Cadmium	108-1	122022	124145	121652	122606	1.10	cps
Calcium	43-1	694823	704196	693559	697526	0.83	cps
Calcium	44-1	10710088	10727702	10723391	10720394	0.09	cps
Chromium	52-2	1018942	1007569	988149	1004887	1.55	cps
Cobalt	59-2	3810028	3766578	3674627	3750411	1.84	cps
Copper	63-2	4071550	4022123	3949759	4014477	1.53	cps
Dysprosium	156-1	83939	85163	83042	84048	1.27	cps
Dysprosium	156-2	46324	45980	45381	45895	1.04	cps
Erbium	164-1	59488	61505	61656	60883	1.99	cps
Erbium	164-2	34935	34711	33992	34546	1.43	cps
Gadolinium	160-1	72877	71696	72968	72514	0.98	cps
Gadolinium	160-2	46589	45766	44930	45762	1.81	cps
Holmium	165-1	10932103	11129914	11071199	11044405	0.92	cps
Holmium	165-2	6044098	6046865	6544196	6211720	4.64	cps
Indium	115-1	7920394	7989586	7928380	7946120	0.48	cps
Indium	115-2	2130753	2125751	2127401	2127968	0.12	cps
Iron	54-2	10651201	10587806	10210359	10483122	2.27	cps
Iron	56-2	192613732	193187293	185065654	190288893	2.38	cps
Iron	57-2	4736749	4686362	4533020	4652043	2.28	cps
Krypton	83-1	733	810	807	783	5.53	cps
Lead	206-1	4128428	4179603	4187986	4165339	0.77	cps
Lead	207-1	3466764	3484897	3472875	3474846	0.27	cps

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	L4548-11DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	2
Date & Time Acquired ::	2020-11-25 14:37:58	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	5866784	6060108	5995438	5974110	1.65	cps
Lithium	6-1	3270644	3215447	3144992	3210361	1.96	cps
Magnesium	24-2	3782432	3738527	3684943	3735301	1.31	cps
Manganese	55-2	1581933	1575282	1536929	1564715	1.55	cps
Molybdenum	94-1	1111837	1116067	1117333	1115079	0.26	cps
Molybdenum	95-1	1869145	1888818	1875352	1877772	0.54	cps
Molybdenum	96-1	2009635	2032999	2002112	2014915	0.80	cps
Molybdenum	97-1	1157498	1157459	1150093	1155017	0.37	cps
Molybdenum	98-1	2972946	3008990	3004123	2995353	0.65	cps
Neodymium	150-1	150597	147289	150131	149339	1.20	cps
Neodymium	150-2	75578	74097	71943	73873	2.47	cps
Nickel	60-2	1684681	1674576	1615929	1658395	2.24	cps
Phosphorus	31-2	32152	32193	29788	31378	4.39	cps
Potassium	39-2	2587150	2579096	2565821	2577356	0.42	cps
Rhodium	103-1	7674963	7729123	7733693	7712593	0.42	cps
Rhodium	103-2	4492819	4474499	4469718	4479012	0.27	cps
Scandium	45-1	5854328	5819151	5717897	5797125	1.22	cps
Scandium	45-2	425216	430153	432030	429133	0.82	cps
Selenium	82-1	59974	59982	59898	59952	0.08	cps
Selenium	77-2	4721	5028	4714	4821	3.71	cps
Selenium	78-2	15790	15484	15388	15554	1.35	cps
Silicon	28-1	3135798	3104978	3102455	3114410	0.60	cps
Silver	109-1	1234235	1228429	1222302	1228322	0.49	cps
Silver	107-1	1281619	1298797	1292069	1290828	0.67	cps
Sodium	23-2	6351942	6300782	6279852	6310859	0.59	cps
Strontium	86-1	1484301	1501724	1476728	1487584	0.86	cps
Strontium	88-1	13211793	13480207	13192662	13294888	1.21	cps
Sulfur	34-1	608054	603056	591843	600984	1.38	cps
Terbium	159-1	11125053	11238542	11132958	11165518	0.57	cps
Terbium	159-2	6622632	6644146	6536708	6601162	0.86	cps
Thallium	203-1	10634371	10753682	10785653	10724569	0.74	cps
Thallium	205-1	34062232	34529218	34625624	34405691	0.88	cps
Thorium	232-1	566399	571159	565565	567708	0.53	cps
Tin	118-1	2798506	2812349	2806665	2805840	0.25	cps
Titanium	47-1	563157	573938	560984	566026	1.23	cps
Uranium	238-1	7422259	7506133	7550201	7492864	0.87	cps

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	L4548-11DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	2
Date & Time Acquired ::	2020-11-25 14:37:58	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	3245999	3220674	3163803	3210159	1.31	cps
Yttrium	89-1	14350357	14716043	14300831	14455744	1.57	cps
Yttrium	89-2	3079858	3042900	3040119	3054292	0.73	cps
Zinc	66-2	1285919	1272440	1245770	1268043	1.61	cps
Zirconium	90-1	121008	120991	119100	120366	0.91	cps
Zirconium	91-1	26642	28170	28020	27610	3.05	cps

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	L4548-11RE	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILRE	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 14:43:55	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9413367	9240504	9299248	9317706	0.94	cps
Antimony	121-1	2964246	2960720	2958358	2961108	0.10	cps
Arsenic	75-2	770909	765211	763998	766706	0.48	cps
Barium	135-1	11124884	11178106	11045442	11116144	0.60	cps
Barium	137-1	19384922	19196968	19023729	19201873	0.94	cps
Beryllium	9-1	885783	881476	881884	883047	0.27	cps
Bismuth	209-1	7342741	7055945	7140687	7179791	2.05	cps
Bismuth	209-2	3762812	3770079	3770259	3767717	0.11	cps
Boron	10-1	139353	137982	143154	140163	1.91	cps
Boron	11-1	683205	686407	706036	691883	1.79	cps
Bromine	81-1	12314	12589	12631	12511	1.38	cps
Bromine	81-2	1672	1872	1612	1719	7.93	cps
Cadmium	111-1	3609984	3620852	3602744	3611193	0.25	cps
Cadmium	106-1	335090	330893	328824	331603	0.96	cps
Cadmium	108-1	245198	244814	246145	245386	0.28	cps
Calcium	43-1	1359964	1345524	1347338	1350942	0.58	cps
Calcium	44-1	20794162	21045568	20998221	20945984	0.64	cps
Chromium	52-2	2039746	2002346	1999887	2013993	1.11	cps
Cobalt	59-2	7921552	7909628	7796327	7875836	0.88	cps
Copper	63-2	8566184	8487903	8543692	8532593	0.47	cps
Dysprosium	156-1	170700	168083	168524	169102	0.83	cps
Dysprosium	156-2	92934	93324	92387	92882	0.51	cps
Erbium	164-1	121973	122326	123789	122696	0.78	cps
Erbium	164-2	70303	70410	71522	70745	0.95	cps
Gadolinium	160-1	146829	147435	148531	147598	0.58	cps
Gadolinium	160-2	92593	93294	93532	93140	0.52	cps
Holmium	165-1	11188246	11226677	11113462	11176128	0.52	cps
Holmium	165-2	6040057	6640588	6106023	6262223	5.26	cps
Indium	115-1	7998159	7953272	7984671	7978700	0.29	cps
Indium	115-2	2095099	2111139	2122650	2109629	0.66	cps
Iron	54-2	21157460	21001097	20954559	21037705	0.51	cps
Iron	56-2	381707853	383002886	376385997	380365579	0.92	cps
Iron	57-2	9588862	9426089	9329547	9448166	1.39	cps
Krypton	83-1	907	963	730	867	14.04	cps
Lead	206-1	9830264	9802040	9830691	9820998	0.17	cps
Lead	207-1	8373962	8398607	8452648	8408406	0.48	cps

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	L4548-11RE	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILRE	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 14:43:55	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	10704363	10466396	10509295	10560018	1.20	cps
Lithium	6-1	3668555	3697494	3709091	3691713	0.57	cps
Magnesium	24-2	7549551	7500966	7494072	7514863	0.40	cps
Manganese	55-2	3115140	3118206	3094758	3109368	0.41	cps
Molybdenum	94-1	2184392	2195098	2191652	2190381	0.25	cps
Molybdenum	95-1	3703185	3721860	3729250	3718098	0.36	cps
Molybdenum	96-1	3976487	3974527	4015031	3988682	0.57	cps
Molybdenum	97-1	2303760	2320784	2318173	2314239	0.40	cps
Molybdenum	98-1	6053401	6159185	6135195	6115927	0.91	cps
Neodymium	150-1	304430	302211	300241	302294	0.69	cps
Neodymium	150-2	149617	149606	148505	149243	0.43	cps
Nickel	60-2	3326220	3328404	3300898	3318508	0.46	cps
Phosphorus	31-2	60992	62564	60221	61259	1.95	cps
Potassium	39-2	4869579	4868674	4846803	4861685	0.27	cps
Rhodium	103-1	7679113	7586340	7536774	7600742	0.95	cps
Rhodium	103-2	4418440	4441009	4435908	4431786	0.27	cps
Scandium	45-1	5797210	5862559	5738793	5799521	1.07	cps
Scandium	45-2	432705	432637	434865	433403	0.29	cps
Selenium	82-1	118769	119821	119071	119220	0.45	cps
Selenium	77-2	9777	9176	9560	9504	3.20	cps
Selenium	78-2	29870	30068	30196	30045	0.55	cps
Silicon	28-1	5922852	5830561	5910819	5888078	0.85	cps
Silver	109-1	2420186	2423371	2412071	2418543	0.24	cps
Silver	107-1	2552180	2518512	2550862	2540518	0.75	cps
Sodium	23-2	12689670	12703944	12621031	12671548	0.35	cps
Strontium	86-1	2960380	2964548	2953506	2959478	0.19	cps
Strontium	88-1	26389009	26492975	25974253	26285412	1.04	cps
Sulfur	34-1	588090	576201	572849	579047	1.38	cps
Terbium	159-1	11365192	11242222	11438385	11348599	0.87	cps
Terbium	159-2	6110032	6603751	6656115	6456633	4.67	cps
Thallium	203-1	22235072	21857468	21922005	22004849	0.92	cps
Thallium	205-1	70393871	69391310	70268854	70018012	0.78	cps
Thorium	232-1	1146662	1148238	1141555	1145485	0.30	cps
Tin	118-1	5632510	5553221	5598527	5594753	0.71	cps
Titanium	47-1	1112129	1099775	1099442	1103782	0.66	cps
Uranium	238-1	15180251	15120247	14796016	15032171	1.38	cps

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	L4548-11RE	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILRE	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 14:43:55	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	6629921	6616751	6579397	6608690	0.40	cps
Yttrium	89-1	15403727	15398576	15270947	15357750	0.49	cps
Yttrium	89-2	3195189	3186782	3208634	3196868	0.34	cps
Zinc	66-2	2542608	2524965	2515850	2527807	0.54	cps
Zirconium	90-1	238565	241088	237862	239171	0.71	cps
Zirconium	91-1	54161	55525	53659	54448	1.77	cps

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	L4548-11DLREX5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDLRE	Dilution Factor :	5
Date & Time Acquired ::	2020-11-25 14:47:15	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1846413	1839077	1806113	1830534	1.17	cps
Antimony	121-1	598415	594588	597560	596855	0.34	cps
Arsenic	75-2	150818	151447	149582	150615	0.63	cps
Barium	135-1	2071989	2080400	2089657	2080682	0.42	cps
Barium	137-1	3596755	3592088	3628811	3605885	0.55	cps
Beryllium	9-1	184663	181548	185215	183808	1.08	cps
Bismuth	209-1	7330821	7265590	7435799	7344070	1.17	cps
Bismuth	209-2	3780589	3830624	3840081	3817098	0.84	cps
Boron	10-1	30222	30030	32561	30938	4.55	cps
Boron	11-1	151686	154497	153942	153375	0.97	cps
Bromine	81-1	5468	5510	5443	5473	0.62	cps
Bromine	81-2	440	501	400	447	11.27	cps
Cadmium	111-1	740175	729842	728912	732976	0.85	cps
Cadmium	106-1	70324	70274	69579	70059	0.59	cps
Cadmium	108-1	49009	48779	49151	48980	0.38	cps
Calcium	43-1	269472	271720	267777	269656	0.73	cps
Calcium	44-1	4302655	4299362	4279407	4293808	0.29	cps
Chromium	52-2	399321	398175	387772	395089	1.61	cps
Cobalt	59-2	1501634	1488285	1482256	1490725	0.67	cps
Copper	63-2	1614059	1600708	1585685	1600151	0.89	cps
Dysprosium	156-1	33408	33792	33809	33670	0.67	cps
Dysprosium	156-2	18516	18816	18099	18477	1.95	cps
Erbium	164-1	23946	23763	24405	24038	1.38	cps
Erbium	164-2	14321	14251	13971	14181	1.31	cps
Gadolinium	160-1	29298	28931	29582	29271	1.12	cps
Gadolinium	160-2	18556	18833	18379	18589	1.23	cps
Holmium	165-1	11031109	10818290	11095791	10981730	1.32	cps
Holmium	165-2	6000620	6109255	5997300	6035725	1.06	cps
Indium	115-1	7918169	7807618	7847806	7857864	0.71	cps
Indium	115-2	2089865	2101144	2109462	2100157	0.47	cps
Iron	54-2	4153573	4115616	4069257	4112815	1.03	cps
Iron	56-2	75858013	74952641	74179529	74996728	1.12	cps
Iron	57-2	1845974	1839528	1821404	1835636	0.69	cps
Krypton	83-1	657	630	797	694	12.89	cps
Lead	206-1	1637539	1687033	1695513	1673362	1.87	cps
Lead	207-1	1394348	1393080	1424835	1404087	1.28	cps

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	L4548-11DLREX5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDLRE	Dilution Factor :	5
Date & Time Acquired ::	2020-11-25 14:47:15	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	1828633	1848978	1848754	1842122	0.63	cps
Lithium	6-1	2431398	2433439	2414250	2426362	0.43	cps
Magnesium	24-2	1502314	1472682	1457689	1477562	1.54	cps
Manganese	55-2	620643	615521	609338	615168	0.92	cps
Molybdenum	94-1	441178	436215	435015	437470	0.75	cps
Molybdenum	95-1	751666	735328	738314	741769	1.17	cps
Molybdenum	96-1	796031	794836	796160	795676	0.09	cps
Molybdenum	97-1	459329	452305	462161	457931	1.11	cps
Molybdenum	98-1	1187999	1178965	1191142	1186035	0.53	cps
Neodymium	150-1	59622	61356	61356	60778	1.65	cps
Neodymium	150-2	30002	29782	28884	29556	2.01	cps
Nickel	60-2	663566	661883	660650	662033	0.22	cps
Phosphorus	31-2	12639	11671	11738	12016	4.50	cps
Potassium	39-2	1037148	1031319	1032734	1033734	0.29	cps
Rhodium	103-1	7727425	7782401	7726856	7745561	0.41	cps
Rhodium	103-2	4398615	4451588	4470532	4440245	0.84	cps
Scandium	45-1	5558681	5508466	5496083	5521076	0.60	cps
Scandium	45-2	400952	399866	405945	402254	0.81	cps
Selenium	82-1	23622	23600	23440	23554	0.42	cps
Selenium	77-2	1753	1980	1937	1890	6.37	cps
Selenium	78-2	5972	6096	5844	5970	2.11	cps
Silicon	28-1	1377575	1416746	1372003	1388775	1.76	cps
Silver	109-1	486716	486261	493348	488775	0.81	cps
Silver	107-1	512378	508422	513450	511417	0.52	cps
Sodium	23-2	2555068	2534200	2506588	2531952	0.96	cps
Strontium	86-1	594240	586857	601756	594284	1.25	cps
Strontium	88-1	5050241	5001208	5037439	5029629	0.51	cps
Sulfur	34-1	532610	535863	537736	535403	0.48	cps
Terbium	159-1	11223182	10991737	11222693	11145870	1.20	cps
Terbium	159-2	6495238	6610608	6595866	6567237	0.96	cps
Thallium	203-1	3852008	3818155	3852726	3840963	0.51	cps
Thallium	205-1	13455615	13456340	13483411	13465122	0.12	cps
Thorium	232-1	229623	228652	230189	229488	0.34	cps
Tin	118-1	1128196	1121030	1119916	1123048	0.40	cps
Titanium	47-1	221683	218022	220804	220169	0.87	cps
Uranium	238-1	2517943	2508446	2520075	2515488	0.25	cps

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	L4548-11DLREX5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDLRE	Dilution Factor :	5
Date & Time Acquired ::	2020-11-25 14:47:15	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1264654	1252116	1243477	1253415	0.85	cps
Yttrium	89-1	13827275	13735821	13792829	13785308	0.34	cps
Yttrium	89-2	2842949	2861481	2877109	2860513	0.60	cps
Zinc	66-2	506812	506076	501139	504676	0.61	cps
Zirconium	90-1	46986	47103	47797	47295	0.93	cps
Zirconium	91-1	10854	11063	11196	11038	1.56	cps

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	L4548-11DL4X20	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL4	Dilution Factor :	20
Date & Time Acquired ::	2020-11-25 14:50:57	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	458034	457160	448945	454713	1.10	cps
Antimony	121-1	146929	146029	148849	147269	0.98	cps
Arsenic	75-2	37028	36871	36867	36922	0.25	cps
Barium	135-1	515804	517399	515406	516203	0.20	cps
Barium	137-1	904852	904626	898209	902562	0.42	cps
Beryllium	9-1	48137	46778	47669	47528	1.45	cps
Bismuth	209-1	7281448	7270500	7220168	7257372	0.45	cps
Bismuth	209-2	3889380	3880485	3876238	3882034	0.17	cps
Boron	10-1	9403	9845	9737	9662	2.38	cps
Boron	11-1	46429	45627	45912	45989	0.88	cps
Bromine	81-1	4201	4126	4092	4140	1.34	cps
Bromine	81-2	220	130	160	170	26.95	cps
Cadmium	111-1	187241	184623	184922	185595	0.77	cps
Cadmium	106-1	21049	21433	20966	21150	1.18	cps
Cadmium	108-1	12055	11980	12381	12139	1.75	cps
Calcium	43-1	67085	66901	68777	67588	1.53	cps
Calcium	44-1	1103084	1096860	1107094	1102346	0.47	cps
Chromium	52-2	99076	98100	96858	98011	1.13	cps
Cobalt	59-2	369064	365414	364759	366412	0.63	cps
Copper	63-2	400710	396931	396408	398016	0.59	cps
Dysprosium	156-1	8003	8161	8720	8294	4.54	cps
Dysprosium	156-2	4547	4511	4581	4546	0.77	cps
Erbium	164-1	6243	5960	6035	6079	2.42	cps
Erbium	164-2	3647	3424	3467	3513	3.37	cps
Gadolinium	160-1	6960	7327	7227	7172	2.64	cps
Gadolinium	160-2	4801	4881	4564	4749	3.47	cps
Holmium	165-1	10838002	10827422	10886097	10850507	0.29	cps
Holmium	165-2	6044827	6637847	6067960	6250212	5.37	cps
Indium	115-1	7943001	7887765	7950566	7927111	0.43	cps
Indium	115-2	2124302	2123532	2123672	2123835	0.02	cps
Iron	54-2	1035230	1026087	1009160	1023492	1.29	cps
Iron	56-2	18738396	18554729	18082690	18458605	1.83	cps
Iron	57-2	455831	452156	448183	452056	0.85	cps
Krypton	83-1	657	683	793	711	10.19	cps
Lead	206-1	419880	423611	416895	420128	0.80	cps
Lead	207-1	355582	347802	346937	350107	1.36	cps

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	L4548-11DL4X20	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL4	Dilution Factor :	20
Date & Time Acquired ::	2020-11-25 14:50:57	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	455009	467307	464130	462149	1.38	cps
Lithium	6-1	2249973	2274234	2272823	2265676	0.60	cps
Magnesium	24-2	369045	366136	359052	364745	1.41	cps
Manganese	55-2	153983	153439	150335	152586	1.29	cps
Molybdenum	94-1	110213	109684	110306	110068	0.31	cps
Molybdenum	95-1	185202	183885	183971	184353	0.40	cps
Molybdenum	96-1	199817	197381	202989	200062	1.41	cps
Molybdenum	97-1	115539	111146	115145	113943	2.13	cps
Molybdenum	98-1	296477	294233	296486	295732	0.44	cps
Neodymium	150-1	15155	14535	14995	14895	2.16	cps
Neodymium	150-2	7432	7172	7109	7238	2.37	cps
Nickel	60-2	162616	162960	160716	162097	0.75	cps
Phosphorus	31-2	3175	3325	2950	3150	5.99	cps
Potassium	39-2	321290	316035	319482	318936	0.84	cps
Rhodium	103-1	7683609	7722433	7705955	7703999	0.25	cps
Rhodium	103-2	4472748	4483744	4424758	4460417	0.70	cps
Scandium	45-1	5584745	5599315	5553225	5579095	0.42	cps
Scandium	45-2	401144	395891	399010	398682	0.66	cps
Selenium	82-1	5986	5776	5837	5866	1.84	cps
Selenium	77-2	423	413	467	434	6.53	cps
Selenium	78-2	1593	1556	1552	1567	1.44	cps
Silicon	28-1	623006	619451	652581	631679	2.88	cps
Silver	109-1	125167	121030	123198	123132	1.68	cps
Silver	107-1	128285	124946	127081	126771	1.33	cps
Sodium	23-2	648738	638081	633169	639996	1.24	cps
Strontium	86-1	146573	146237	147778	146863	0.55	cps
Strontium	88-1	1263791	1248338	1266100	1259410	0.77	cps
Sulfur	34-1	542072	540931	552037	545013	1.12	cps
Terbium	159-1	11114012	10934617	11143943	11064191	1.02	cps
Terbium	159-2	6553421	6579127	6582758	6571769	0.24	cps
Thallium	203-1	955085	939128	947776	947330	0.84	cps
Thallium	205-1	3043167	3001052	3001457	3015225	0.80	cps
Thorium	232-1	56052	55081	57307	56147	1.99	cps
Tin	118-1	277338	277366	284358	279687	1.45	cps
Titanium	47-1	55429	56174	56015	55873	0.70	cps
Uranium	238-1	614594	616227	615790	615537	0.14	cps

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	L4548-11DL4X20	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL4	Dilution Factor :	20
Date & Time Acquired ::	2020-11-25 14:50:57	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	312108	308899	305710	308906	1.04	cps
Yttrium	89-1	13591564	13540360	13648637	13593520	0.40	cps
Yttrium	89-2	2828213	2848375	2851451	2842680	0.44	cps
Zinc	66-2	125752	125977	124041	125257	0.85	cps
Zirconium	90-1	12389	12080	12047	12172	1.55	cps
Zirconium	91-1	2484	2884	2892	2753	8.48	cps

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	CCV24	Instrumnet Name :	P7
Client Sample ID :	CCV24	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 14:57:25	DataFile Name :	029CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5267916	5360556	5331114	5319862	0.89	cps
Antimony	121-1	3150697	3168854	3190068	3169873	0.62	cps
Arsenic	75-2	171819	171738	170058	171205	0.58	cps
Barium	135-1	3566166	3576605	3555281	3566017	0.30	cps
Barium	137-1	6592884	6656397	6639199	6629493	0.50	cps
Beryllium	9-1	852553	853549	855298	853800	0.16	cps
Bismuth	209-1	5774531	6905375	6993114	6557673	10.36	cps
Bismuth	209-2	3677583	3661397	3716139	3685040	0.76	cps
Boron	10-1	96665	100674	100674	99338	2.33	cps
Boron	11-1	470934	472063	475558	472852	0.51	cps
Bromine	81-1	3100	3234	3225	3187	2.34	cps
Bromine	81-2	90	40	60	63	39.74	cps
Cadmium	111-1	771579	776771	769620	772656	0.48	cps
Cadmium	106-1	89221	88391	87704	88439	0.86	cps
Cadmium	108-1	58315	58047	58963	58442	0.81	cps
Calcium	43-1	4639273	4648591	4560687	4616183	1.05	cps
Calcium	44-1	72957537	72224233	72336860	72506210	0.54	cps
Chromium	52-2	1410837	1415312	1410922	1412357	0.18	cps
Cobalt	59-2	2079079	2089364	2076599	2081681	0.33	cps
Copper	63-2	14718697	14949252	14695784	14787911	0.95	cps
Dysprosium	156-1	342	308	292	314	8.11	cps
Dysprosium	156-2	197	167	167	177	9.80	cps
Erbium	164-1	117	33	92	81	53.09	cps
Erbium	164-2	57	50	77	61	22.71	cps
Gadolinium	160-1	350	300	392	347	13.22	cps
Gadolinium	160-2	273	290	293	286	3.75	cps
Holmium	165-1	10720898	10873478	10849954	10814777	0.76	cps
Holmium	165-2	5988649	6035523	6000065	6008079	0.41	cps
Indium	115-1	7447564	7517788	7550485	7505279	0.70	cps
Indium	115-2	1988011	1986716	1998772	1991166	0.33	cps
Iron	54-2	15684892	15723663	15570223	15659593	0.51	cps
Iron	56-2	285979562	286926062	286653184	286519603	0.17	cps
Iron	57-2	7175528	7084391	7120627	7126849	0.64	cps
Krypton	83-1	697	760	653	703	7.63	cps
Lead	206-1	14305168	14406405	14289427	14333666	0.44	cps
Lead	207-1	12723859	12628861	12770647	12707789	0.57	cps

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	CCV24	Instrumnet Name :	P7
Client Sample ID :	CCV24	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 14:57:25	DataFile Name :	029CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	15113111	15019176	14780065	14970784	1.15	cps
Lithium	6-1	2240614	2284544	2263017	2262725	0.97	cps
Magnesium	24-2	58184860	59027330	58508499	58573563	0.73	cps
Manganese	55-2	8903283	8978873	8970036	8950731	0.46	cps
Molybdenum	94-1	6440736	6556895	6532438	6510023	0.94	cps
Molybdenum	95-1	8125735	8143574	8040600	8103303	0.68	cps
Molybdenum	96-1	8938954	8967838	8932375	8946389	0.21	cps
Molybdenum	97-1	4842177	4814916	4823813	4826969	0.29	cps
Molybdenum	98-1	12960495	12942319	12888682	12930499	0.29	cps
Neodymium	150-1	240	240	260	247	4.68	cps
Neodymium	150-2	47	27	37	37	27.27	cps
Nickel	60-2	553233	552951	550987	552390	0.22	cps
Phosphorus	31-2	70960	72174	72083	71739	0.94	cps
Potassium	39-2	28420429	28669770	28570195	28553465	0.44	cps
Rhodium	103-1	7072641	7162831	7163954	7133142	0.73	cps
Rhodium	103-2	4064617	4050159	4035408	4050061	0.36	cps
Scandium	45-1	5321189	5389720	5353839	5354916	0.64	cps
Scandium	45-2	368041	372172	372932	371048	0.71	cps
Selenium	82-1	48670	49209	49081	48987	0.58	cps
Selenium	77-2	3674	3757	3664	3698	1.39	cps
Selenium	78-2	12214	12322	12424	12320	0.85	cps
Silicon	28-1	3100959	3156239	3193533	3150244	1.48	cps
Silver	109-1	3483701	3497757	3471898	3484452	0.37	cps
Silver	107-1	3631037	3663606	3634727	3643123	0.49	cps
Sodium	23-2	99615063	99686021	100503452	99934845	0.49	cps
Strontium	86-1	945881	948059	959569	951170	0.77	cps
Strontium	88-1	8645725	8447292	8354798	8482605	1.75	cps
Sulfur	34-1	936481	923698	923211	927797	0.81	cps
Terbium	159-1	10746584	10978386	11110144	10945038	1.68	cps
Terbium	159-2	6578652	5988372	6589590	6385538	5.39	cps
Thallium	203-1	2884479	2895571	2883699	2887916	0.23	cps
Thallium	205-1	10095755	10226968	10187897	10170206	0.66	cps
Thorium	232-1	12178048	12179982	12283968	12213999	0.50	cps
Tin	118-1	2323469	2320335	2325797	2323200	0.12	cps
Titanium	47-1	2323187	2317743	2300817	2313916	0.50	cps
Uranium	238-1	9624581	9555092	9774027	9651233	1.16	cps

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	CCV24	Instrumnet Name :	P7
Client Sample ID :	CCV24	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 14:57:25	DataFile Name :	029CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1167068	1181590	1168058	1172238	0.69	cps
Yttrium	89-1	12989499	13113557	13182530	13095195	0.75	cps
Yttrium	89-2	2666498	2674659	2678854	2673337	0.24	cps
Zinc	66-2	2380732	2386390	2388395	2385172	0.17	cps
Zirconium	90-1	5215307	5206675	5173165	5198382	0.43	cps
Zirconium	91-1	1154777	1159923	1151238	1155313	0.38	cps

LB Number : LB112148 Operator : JASWAL
 Lab Sample ID : CCB24 Instrumnet Name : P7
 Client Sample ID : CCB24 Dilution Factor : 1
 Date & Time Acquired :: 2020-11-25 15:04:55 DataFile Name : 030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	342	425	417	394	11.64	cps
Antimony	121-1	483	567	492	514	8.93	cps
Arsenic	75-2	31	33	37	34	8.34	cps
Barium	135-1	117	150	183	150	22.22	cps
Barium	137-1	267	342	267	292	14.85	cps
Beryllium	9-1	83	89	139	104	29.51	cps
Bismuth	209-1	7084664	7174647	7127964	7129091	0.63	cps
Bismuth	209-2	3895410	3802769	3855302	3851160	1.21	cps
Boron	10-1	1283	1592	1450	1442	10.71	cps
Boron	11-1	6927	6943	6868	6913	0.57	cps
Bromine	81-1	3084	3059	3175	3106	1.98	cps
Bromine	81-2	50	50	20	40	43.30	cps
Cadmium	111-1	3164	3246	3351	3254	2.89	cps
Cadmium	106-1	4442	4601	4709	4584	2.93	cps
Cadmium	108-1	0	29	17	15	95.78	cps
Calcium	43-1	317	392	392	367	11.81	cps
Calcium	44-1	26574	26441	26407	26474	0.33	cps
Chromium	52-2	1133	1043	1017	1064	5.74	cps
Cobalt	59-2	243	217	250	237	7.45	cps
Copper	63-2	3294	3534	3437	3422	3.53	cps
Dysprosium	156-1	17	17	17	17	0.00	cps
Dysprosium	156-2	10	3	17	10	66.70	cps
Erbium	164-1	42	33	67	47	36.74	cps
Erbium	164-2	20	17	33	23	37.78	cps
Gadolinium	160-1	33	92	108	78	50.64	cps
Gadolinium	160-2	140	113	143	132	12.44	cps
Holmium	165-1	10466006	10565953	10585074	10539011	0.61	cps
Holmium	165-2	6001791	5950157	5976036	5975994	0.43	cps
Indium	115-1	7618307	7681420	7720154	7673293	0.67	cps
Indium	115-2	2105724	2053518	2069882	2076375	1.29	cps
Iron	54-2	1922	1752	1912	1862	5.13	cps
Iron	56-2	17944	17944	17944	17944	0.00	cps
Iron	57-2	689	639	667	665	3.77	cps
Krypton	83-1	697	640	710	682	5.45	cps
Lead	206-1	2845	3017	3100	2987	4.36	cps
Lead	207-1	2611	2478	2406	2498	4.17	cps

LB Number : LB112148 Operator : JASWAL
 Lab Sample ID : CCB24 Instrumnet Name : P7
 Client Sample ID : CCB24 Dilution Factor : 1
 Date & Time Acquired :: 2020-11-25 15:04:55 DataFile Name : 030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	3140	3030	3602	3257	9.31	cps
Lithium	6-1	2336633	2342626	2347966	2342408	0.24	cps
Magnesium	24-2	2984	3017	3000	3000	0.56	cps
Manganese	55-2	480	473	493	482	2.11	cps
Molybdenum	94-1	608	517	583	569	8.32	cps
Molybdenum	95-1	392	508	383	428	16.34	cps
Molybdenum	96-1	400	575	550	508	18.62	cps
Molybdenum	97-1	292	342	317	317	7.89	cps
Molybdenum	98-1	592	800	658	683	15.57	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	83	70	67	73	12.02	cps
Phosphorus	31-2	233	233	367	278	27.71	cps
Potassium	39-2	81490	82243	82763	82165	0.78	cps
Rhodium	103-1	7574366	7549033	7598075	7573824	0.32	cps
Rhodium	103-2	4319634	4262541	4259632	4280602	0.79	cps
Scandium	45-1	5246564	5352964	5419678	5339735	1.64	cps
Scandium	45-2	383073	375069	379859	379334	1.06	cps
Selenium	82-1	-8	64	1	19	204.98	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	83	70	78	77	8.43	cps
Silicon	28-1	369786	364906	371793	368828	0.96	cps
Silver	109-1	192	158	292	214	32.44	cps
Silver	107-1	267	225	333	275	19.87	cps
Sodium	23-2	44976	44157	43906	44346	1.26	cps
Strontium	86-1	1258	1300	1092	1217	9.06	cps
Strontium	88-1	458	350	467	425	15.32	cps
Sulfur	34-1	639373	639554	637329	638752	0.19	cps
Terbium	159-1	10756198	10785903	10910920	10817674	0.76	cps
Terbium	159-2	6597046	6496211	6586036	6559764	0.84	cps
Thallium	203-1	467	533	658	553	17.60	cps
Thallium	205-1	1565	1493	1927	1662	13.98	cps
Thorium	232-1	1133	1145	1078	1119	3.19	cps
Tin	118-1	592	683	633	636	7.22	cps
Titanium	47-1	200	242	200	214	11.25	cps
Uranium	238-1	194	162	63	139	49.08	cps

LB Number :	LB112148	Operator :	JASWAL
Lab Sample ID :	CCB24	Instrumnet Name :	P7
Client Sample ID :	CCB24	Dilution Factor :	1
Date & Time Acquired ::	2020-11-25 15:04:55	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	33	60	57	50	29.06	cps
Yttrium	89-1	12926459	13121773	13128701	13058978	0.88	cps
Yttrium	89-2	2741040	2703522	2710178	2718247	0.74	cps
Zinc	66-2	407	467	617	497	21.78	cps
Zirconium	90-1	958	867	933	920	5.15	cps
Zirconium	91-1	150	258	150	186	33.60	cps