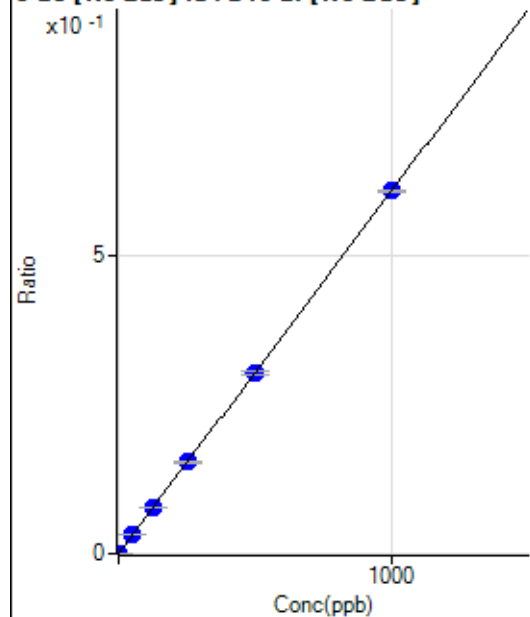


Batch Folder: C:\Agilent\ICPMH\1\DATA\P7052721 MS .b\
Analysis File: P7052721 MS .batch.bin
DA Date-Time: 2021-05-28 11:18:59
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2021-05-27 15:32:46
2	004CALS.d	S02	2021-05-27 15:35:51
3	006CALS.d	S03	2021-05-27 15:41:59
4	007CALS.d	S04	2021-05-27 15:45:02
5	008CALS.d	S05	2021-05-27 15:48:04
6	009CALS.d	S06	2021-05-27 15:51:03
7	010CALS.d	S07	2021-05-27 15:53:56
8	011CALS.d	S08	2021-05-27 15:56:48

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	51.86	0.0000	P	55.8
2	☐	1.000	1.078	1413.05	0.0007	P	3.2
3	☐	50.000	52.043	65814.05	0.0316	P	0.8
4	☐	125.000	126.742	160113.30	0.0770	P	1.9
5	☐	250.000	251.956	312654.26	0.1530	P	0.5
6	☐	500.000	498.173	606575.80	0.3025	P	1.1
7	☐	1000.000	1000.104	1142816.32	0.6072	P	0.7
8	☐			342.60	0.0002	P	10.3

$$y = 6.0716\text{E-}004 * x + 2.4965\text{E-}005$$

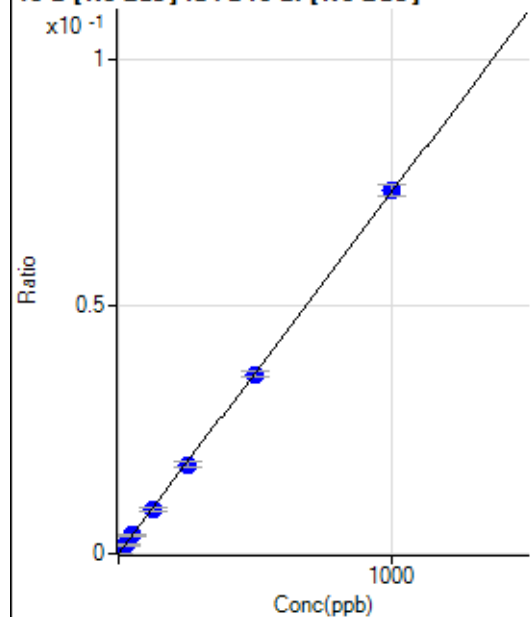
$$R = 1.0000$$

$$DL = 0.06887$$

$$BEC = 0.04112$$

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	91.67	0.0000	P	33.8
2	☐	25.000	24.844	3864.47	0.0019	P	12.0
3	☐	50.000	50.243	7727.20	0.0037	P	1.9
4	☐	125.000	122.592	18712.01	0.0090	P	5.6
5	☐	250.000	245.887	36786.84	0.0180	P	6.0
6	☐	500.000	495.088	72576.58	0.0362	P	3.4
7	☐	1000.000	1003.777	138021.39	0.0733	P	3.1
8	☐			5862.40	0.0032	P	11.7

$$y = 7.3022\text{E-}005 * x + 4.4149\text{E-}005$$

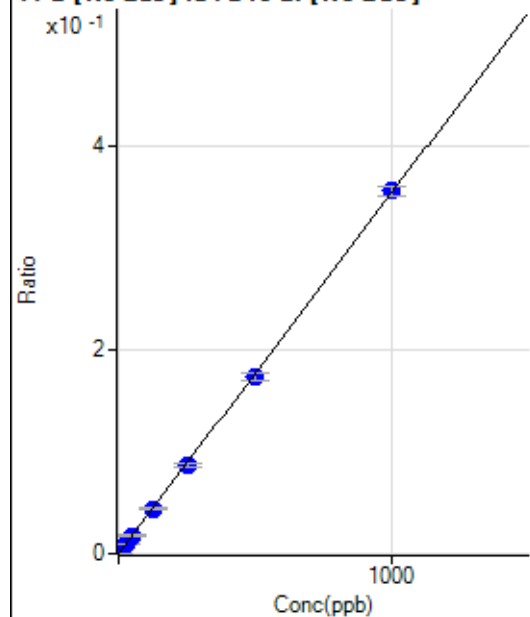
$$R = 1.0000$$

$$DL = 0.6138$$

$$BEC = 0.6046$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	391.68	0.0002	P	3.5
2	☐	25.000	24.991	18814.92	0.0090	P	3.7
3	☐	50.000	49.743	37070.89	0.0178	P	5.3
4	☐	125.000	123.613	91506.42	0.0440	P	5.4
5	☐	250.000	246.481	178895.00	0.0875	P	3.9
6	☐	500.000	490.262	348717.86	0.1739	P	4.7
7	☐	1000.000	1005.935	671228.11	0.3567	P	3.0
8	☐			29685.43	0.0161	P	9.2

$$y = 3.5438\text{E-}004 * x + 1.8817\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.05631$$

$$BEC = 0.531$$

Weight: <None>

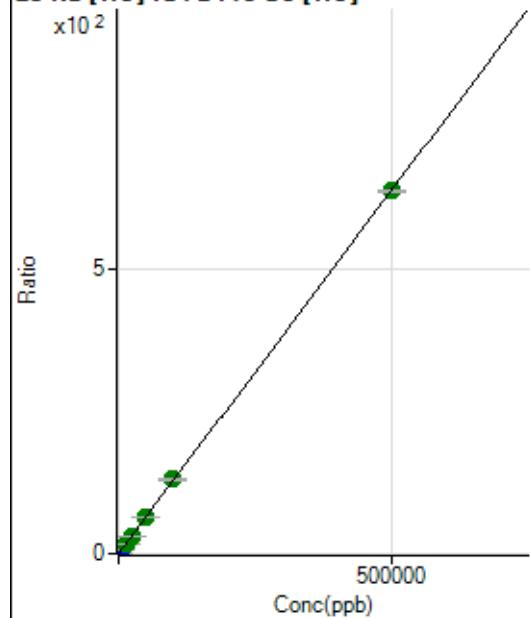
Min Conc: 0

12 C [No Gas] No available calibration points

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

12 C [He] No available calibration points

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

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	10256.51	0.0298	P	3.3
2	☐	500.000	524.722	238034.34	0.6981	P	1.7
3	☐	5000.000	5113.039	2236266.76	6.5424	P	0.2
4	☐	12500.000	12579.219	5480870.26	16.0522	A	1.1
5	☐	25000.000	24993.886	10791471.68	31.8649	A	1.0
6	☐	50000.000	50414.784	20496901.50	64.2440	A	1.1
7	☐	100000.00	102897.50	38904311.63	131.0922	A	2.9
8	☐	500000.00	499376.19	201452392.0	636.0942	A	0.7

$$y = 0.0013 * x + 0.0298$$

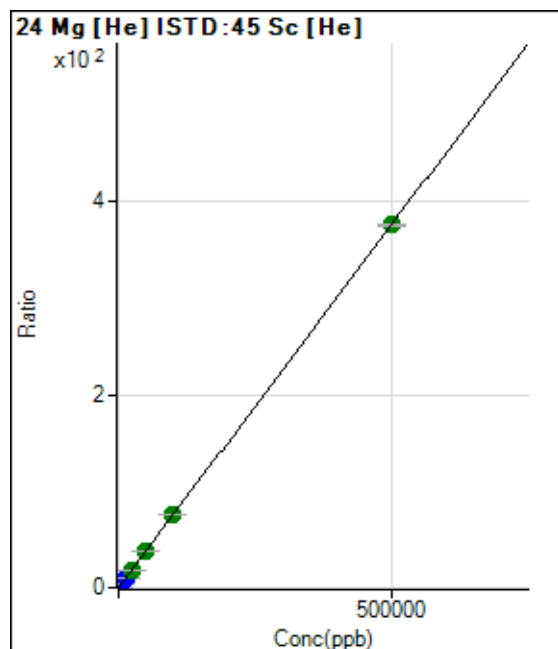
$$R = 1.0000$$

$$DL = 2.331$$

$$BEC = 23.38$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	161.12	0.0005	P	37.2
2	☐	500.000	515.079	132071.26	0.3873	P	0.4
3	☐	5000.000	5083.749	1305280.83	3.8188	P	0.3
4	☐	12500.000	12477.165	3199807.34	9.3718	P	1.1
5	☐	25000.000	24489.692	6229683.69	18.3941	A	0.5
6	☐	50000.000	49718.895	11913974.92	37.3432	A	0.8
7	☐	100000.00	100760.19	22460803.63	75.6791	A	2.3
8	☐	500000.00	499901.30	118912129.0	375.4647	A	0.9

$$y = 7.5108\text{E-}004 * x + 4.6741\text{E-}004$$

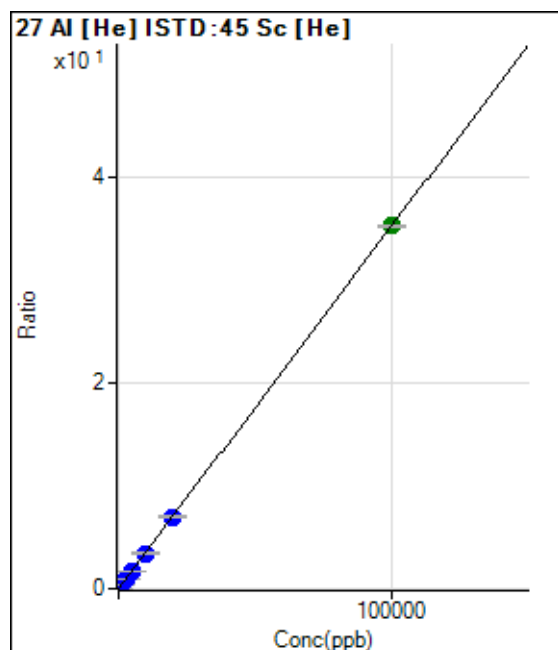
$$R = 1.0000$$

$$DL = 0.6939$$

$$BEC = 0.6223$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	83.34	0.0002	P	10.0
2	☐	20.000	21.909	2708.64	0.0079	P	8.8
3	☐	1000.000	1011.878	121673.68	0.3560	P	1.7
4	☐	2500.000	2480.395	297828.97	0.8723	P	1.4
5	☐	5000.000	4861.742	578970.85	1.7095	P	0.8
6	☐	10000.000	9799.225	1099253.12	3.4455	P	0.5
7	☐	20000.000	19757.623	2061736.66	6.9467	P	2.2
8	☐	100000.00	100075.83	11143280.29	35.1850	A	0.8

$$y = 3.5158\text{E-}004 * x + 2.4196\text{E-}004$$

$$R = 1.0000$$

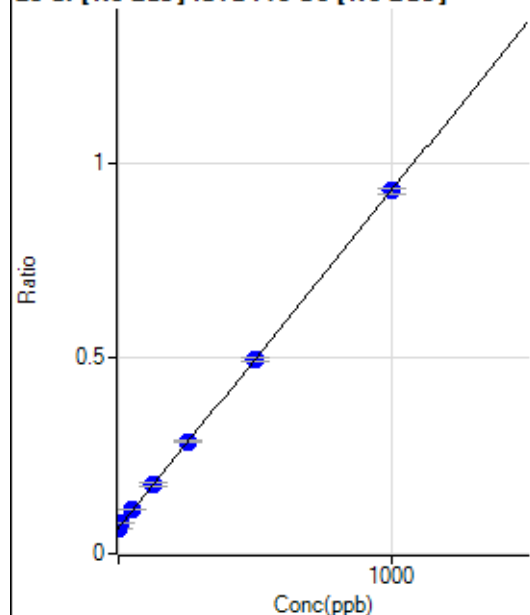
$$DL = 0.2056$$

$$BEC = 0.6882$$

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	311744.89	0.0656	P	1.1
2	☐	10.000	14.053	367944.70	0.0777	P	0.7
3	☐	50.000	53.199	537089.88	0.1115	P	1.5
4	☐	125.000	129.061	841158.64	0.1770	P	4.0
5	☐	250.000	255.603	1343319.18	0.2863	P	1.4
6	☐	500.000	500.142	2273343.39	0.4975	P	2.0
7	☐	1000.000	997.820	3901221.14	0.9273	P	1.7
8	☐			408728.05	0.0968	P	4.0

$$y = 8.6361E-004 * x + 0.0656$$

R = 1.0000

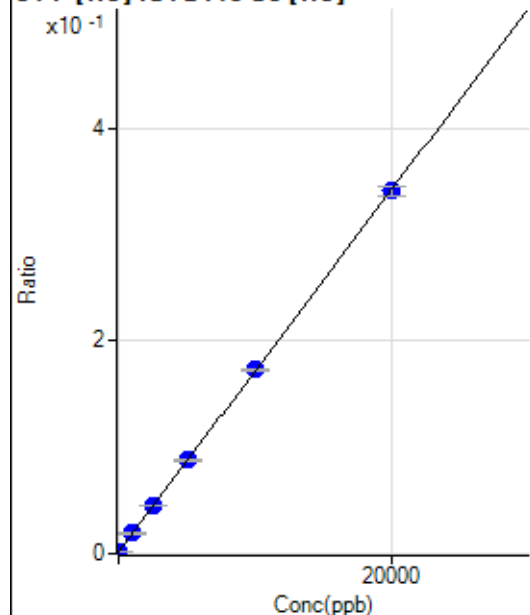
DL = 2.546

BEC = 75.94

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-5.665	513.91	0.0015	P	16.9
2	☐	0.000	5.665	575.03	0.0017	P	13.3
3	☐	1000.000	1034.325	6568.29	0.0192	P	3.2
4	☐	2500.000	2551.575	15386.07	0.0451	P	1.8
5	☐	5000.000	5068.628	29785.63	0.0880	P	1.7
6	☐	10000.000	10066.520	55232.93	0.1731	P	1.3
7	☐	20000.000	19941.420	101309.14	0.3414	P	2.8
8	☐			586.14	0.0019	P	7.6

$$y = 1.7039E-005 * x + 0.0016$$

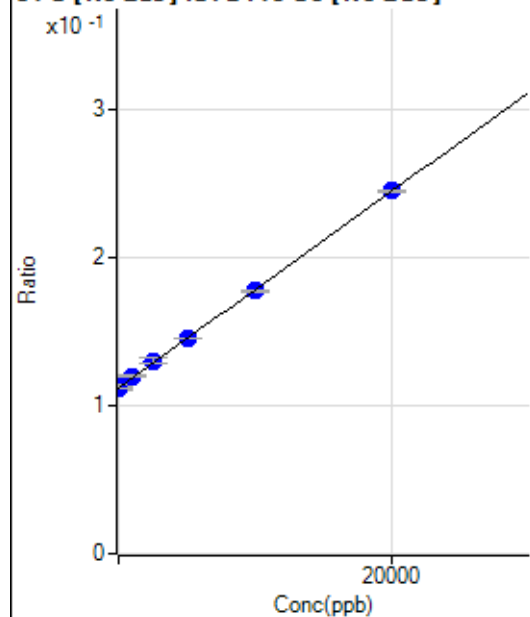
R = 1.0000

DL = 42.03

BEC = 93.27

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	-111.436	529519.68	0.1114	P	2.0
2	☐	0.000	111.436	534425.21	0.1129	P	1.6
3	☐	1000.000	1182.787	577934.00	0.1200	P	1.5
4	☐	2500.000	2769.665	620451.77	0.1306	P	2.5
5	☐	5000.000	5033.621	683123.72	0.1456	P	0.8
6	☐	10000.000	9849.362	811687.15	0.1776	P	0.3
7	☐	20000.000	20024.067	1031860.39	0.2453	P	0.7
8	☐			476289.63	0.1128	P	1.3

$$y = 6.6479\text{E-}006 * x + 0.1121$$

$$R = 0.9998$$

$$DL = 906.6$$

$$BEC = 1.687\text{E}+04$$

Weight: <None>

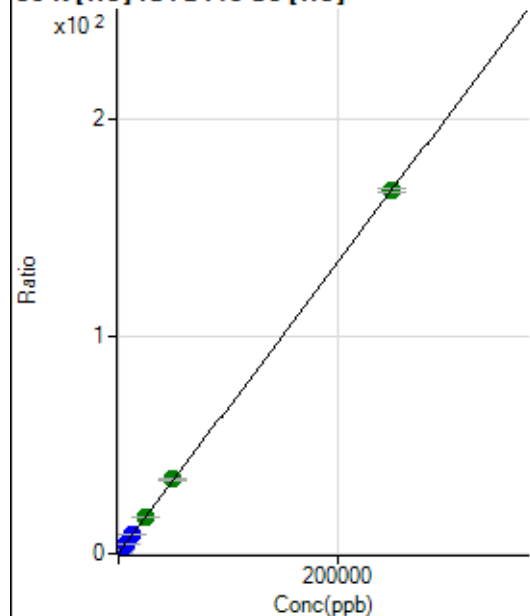
Min Conc: 0

35 Cl [No Gas] No available calibration points

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

35 Cl [He] No available calibration points

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

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	47375.96	0.1376	P	1.0
2	☐	500.000	535.591	168618.29	0.4945	P	1.1
3	☐	2500.000	2737.780	670736.55	1.9623	P	0.8
4	☐	6250.000	6728.778	1578192.70	4.6223	P	0.9
5	☐	12500.000	13219.330	3030486.51	8.9482	P	0.8
6	☐	25000.000	25140.170	5389618.05	16.8934	A	0.8
7	☐	50000.000	50910.759	10111932.87	34.0693	A	2.0
8	☐	250000.00	249753.44	52762168.19	166.5969	A	1.0

$$y = 6.6649E-004 * x + 0.1376$$

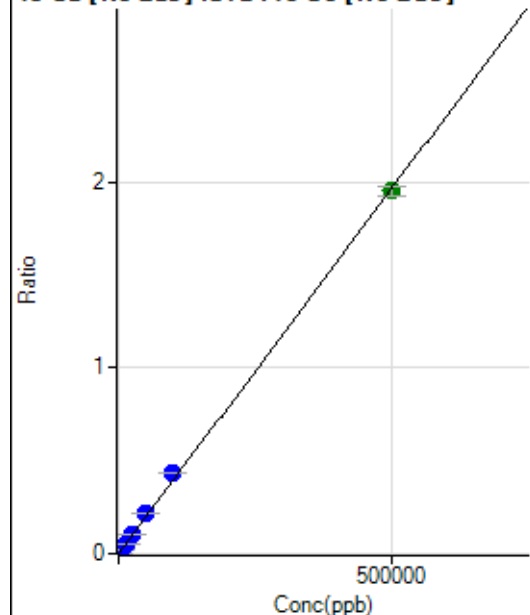
$$R = 1.0000$$

$$DL = 6.444$$

$$BEC = 206.4$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	194.45	0.0000	P	29.3
2	☐	500.000	513.895	9750.68	0.0021	P	4.1
3	☐	5000.000	5504.443	104340.63	0.0217	P	1.1
4	☐	12500.000	13488.560	251985.87	0.0530	P	3.3
5	☐	25000.000	27275.151	502887.25	0.1072	P	0.6
6	☐	50000.000	54600.949	980374.95	0.2145	P	0.5
7	☐	100000.00	110940.33	1833730.49	0.4359	P	0.9
8	☐	500000.00	497208.30	8246084.65	1.9533	A	2.4

$$y = 3.9284\text{E-}006 * x + 4.0846\text{E-}005$$

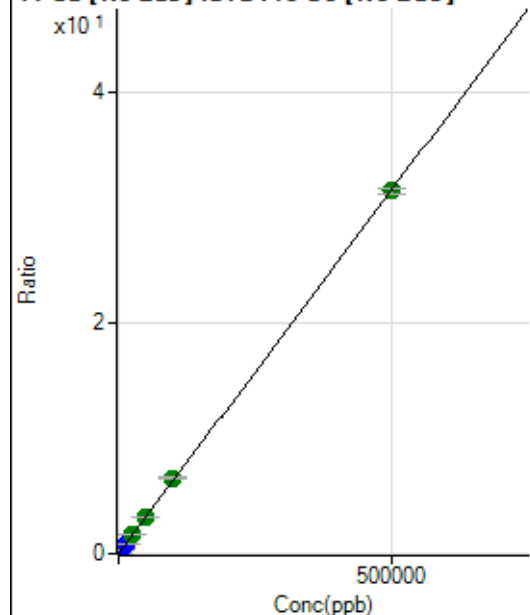
$$R = 0.9997$$

$$DL = 9.146$$

$$BEC = 10.4$$

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	9889.64	0.0021	P	1.8
2	☐	500.000	538.686	170622.61	0.0360	P	1.5
3	☐	5000.000	5382.770	1644298.07	0.3414	P	0.7
4	☐	12500.000	13233.789	3974432.16	0.8363	P	2.8
5	☐	25000.000	25287.783	7489191.31	1.5962	A	1.1
6	☐	50000.000	50679.427	14608696.51	3.1970	A	1.3
7	☐	100000.00	104381.08	27693012.77	6.5824	A	0.5
8	☐	500000.00	499019.24	132817652.9	31.4607	A	1.7

$$y = 6.3041\text{E-}005 * x + 0.0021$$

$$R = 1.0000$$

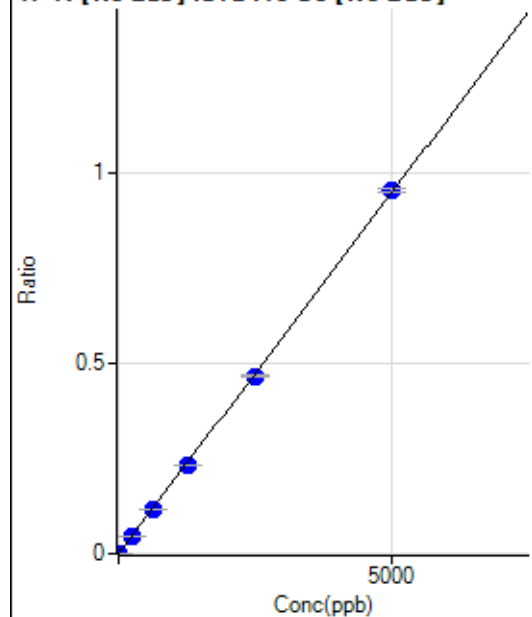
$$DL = 1.737$$

$$BEC = 33$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	105.56	0.0000	P	5.6
2	☐	5.000	5.062	4648.08	0.0010	P	3.4
3	☐	250.000	244.351	223182.17	0.0463	P	1.8
4	☐	625.000	610.727	550314.73	0.1158	P	2.4
5	☐	1250.000	1233.714	1097332.49	0.2339	P	0.8
6	☐	2500.000	2460.419	2131499.83	0.4664	P	0.5
7	☐	5000.000	5025.929	4008402.34	0.9528	P	1.1
8	☐			1313.98	0.0003	P	13.0

$$y = 1.8957E-004 * x + 2.2214E-005$$

$$R = 0.9999$$

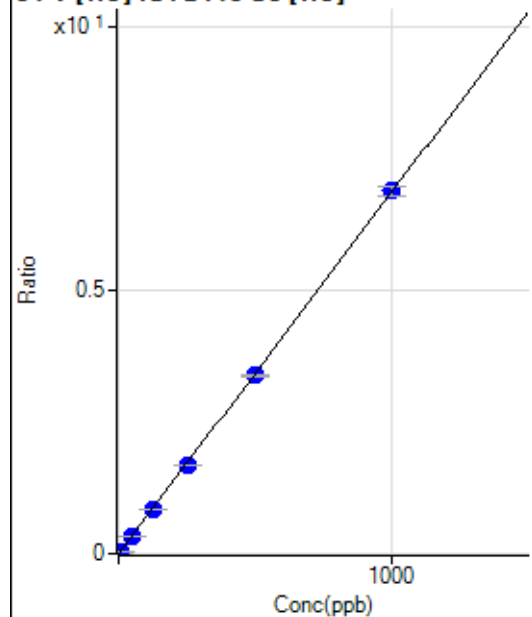
$$DL = 0.01951$$

$$BEC = 0.1172$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	20.00	0.0001	P	72.1
2	☐	5.000	5.141	12047.23	0.0353	P	1.5
3	☐	50.000	50.064	117435.34	0.3436	P	0.8
4	☐	125.000	123.895	290273.58	0.8502	P	1.2
5	☐	250.000	245.609	570771.74	1.6853	P	0.8
6	☐	500.000	493.790	1080981.95	3.3883	P	0.9
7	☐	1000.000	1004.337	2045238.36	6.8914	P	2.6
8	☐			596.69	0.0019	P	8.1

$$y = 0.0069 * x + 5.7938E-005$$

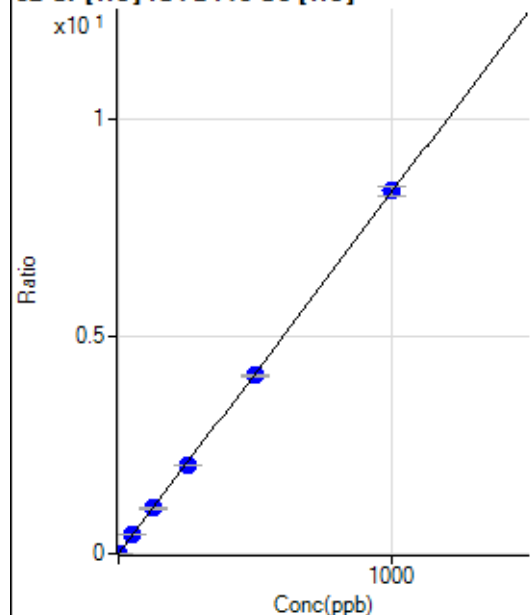
$$R = 1.0000$$

$$DL = 0.01828$$

$$BEC = 0.008444$$

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	1184.50	0.0034	P	9.5
2	☐	2.000	2.058	7006.16	0.0205	P	2.5
3	☐	50.000	50.313	144137.84	0.4217	P	0.4
4	☐	125.000	125.115	356303.07	1.0435	P	0.7
5	☐	250.000	246.197	694321.47	2.0501	P	0.6
6	☐	500.000	492.407	1307084.17	4.0969	P	0.5
7	☐	1000.000	1004.717	2479872.32	8.3558	P	2.5
8	☐			17787.48	0.0562	P	1.2

$$y = 0.0083 * x + 0.0034$$

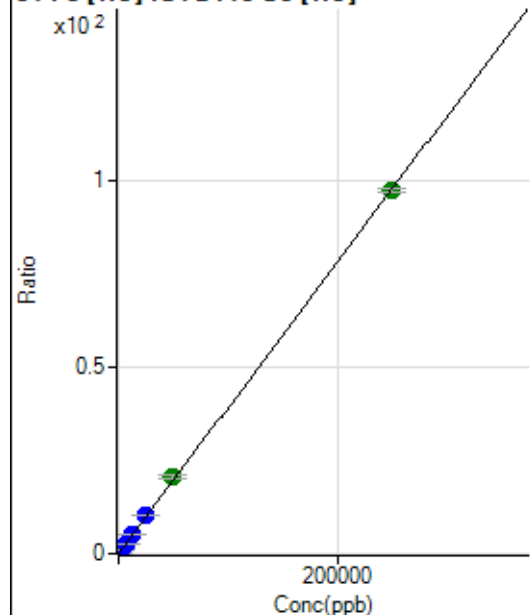
$$R = 0.9999$$

$$DL = 0.1179$$

$$BEC = 0.4136$$

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	814.19	0.0024	P	17.4
2	☐	50.000	55.293	8180.70	0.0240	P	1.5
3	☐	2500.000	2692.286	360761.68	1.0554	P	0.6
4	☐	6250.000	6662.333	890538.24	2.6083	P	1.1
5	☐	12500.000	13101.587	1736329.43	5.1269	P	0.4
6	☐	25000.000	26248.262	3276224.73	10.2691	P	0.8
7	☐	50000.000	52847.718	6135475.99	20.6732	A	2.5
8	☐	250000.00	249263.31	30878871.12	97.4991	A	1.2

$$y = 3.9114E-004 * x + 0.0024$$

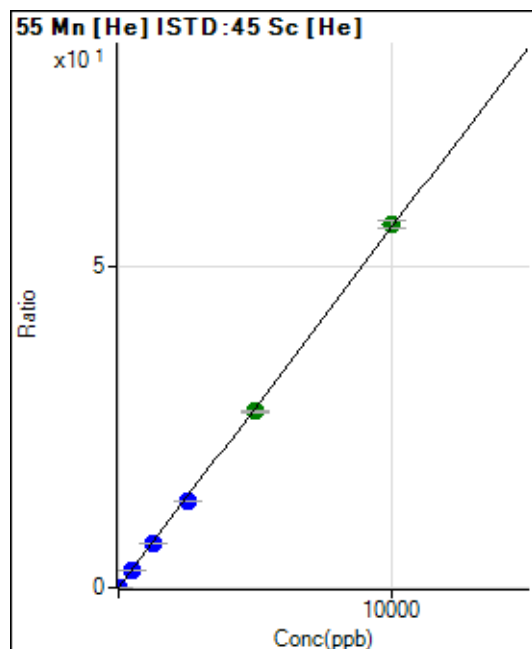
$$R = 0.9999$$

$$DL = 3.164$$

$$BEC = 6.047$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	110.00	0.0003	P	15.8
2	☐	1.000	0.991	2006.82	0.0059	P	2.2
3	☐	500.000	494.710	950091.86	2.7795	P	0.3
4	☐	1250.000	1220.205	2340619.90	6.8553	P	0.7
5	☐	2500.000	2390.220	4547802.85	13.4282	P	0.5
6	☐	5000.000	4901.062	8784425.57	27.5338	A	0.7
7	☐	10000.000	10080.903	16809007.39	56.6334	A	2.2
8	☐			11513.49	0.0364	P	1.8

$$y = 0.0056 * x + 3.1930E-004$$

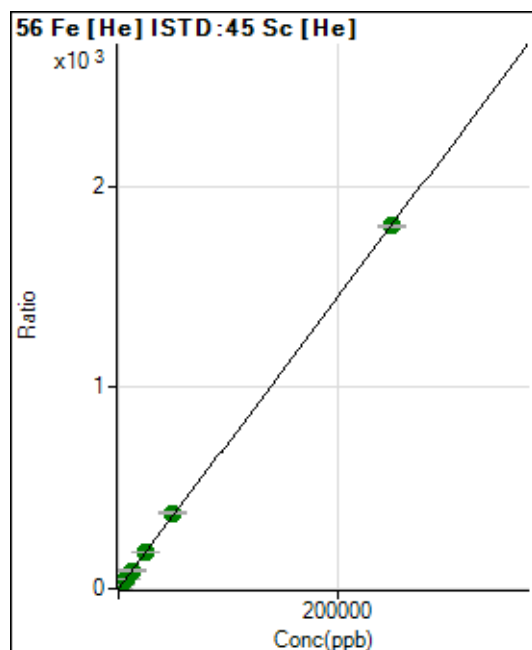
$$R = 0.9999$$

$$DL = 0.02692$$

$$BEC = 0.05684$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4348.87	0.0126	P	3.4
2	☐	50.000	54.741	139293.15	0.4085	P	1.1
3	☐	2500.000	2539.389	6281860.50	18.3779	A	0.8
4	☐	6250.000	6335.707	15649343.87	45.8336	A	0.5
5	☐	12500.000	12536.239	30709893.05	90.6769	A	0.6
6	☐	25000.000	25398.123	58606642.51	183.6963	A	0.7
7	☐	50000.000	52051.115	111724669.1	376.4555	A	2.6
8	☐	250000.00	249545.61	571574412.7	1,804.770	A	0.6

$$y = 0.0072 * x + 0.0126$$

$$R = 1.0000$$

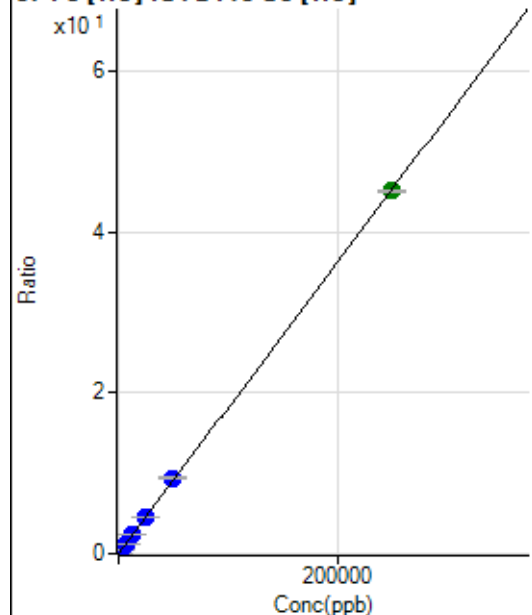
$$DL = 0.176$$

$$BEC = 1.746$$

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	155.56	0.0005	P	9.2
2	☐	50.000	54.083	3489.35	0.0102	P	1.5
3	☐	2500.000	2599.809	160867.48	0.4706	P	1.3
4	☐	6250.000	6463.284	399259.24	1.1694	P	1.3
5	☐	12500.000	12776.550	782732.18	2.3112	P	0.7
6	☐	25000.000	25544.950	1474047.49	4.6204	P	1.3
7	☐	50000.000	52100.484	2796853.42	9.4232	P	1.9
8	☐	250000.00	249505.25	14291143.95	45.1251	A	0.4

$$y = 1.8086E-004 * x + 4.5160E-004$$

$$R = 1.0000$$

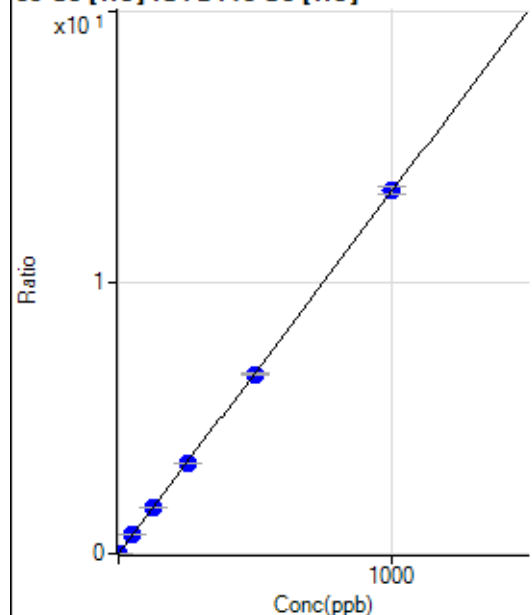
$$DL = 0.6928$$

$$BEC = 2.497$$

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	261.12	0.0008	P	9.7
2	☐	1.000	1.069	5124.27	0.0150	P	1.1
3	☐	50.000	51.174	233732.28	0.6838	P	0.7
4	☐	125.000	126.472	576644.45	1.6889	P	0.5
5	☐	250.000	248.821	1125052.86	3.3220	P	0.7
6	☐	500.000	495.664	2110985.91	6.6168	P	1.0
7	☐	1000.000	1002.220	3970635.70	13.3782	P	2.1
8	☐			6817.19	0.0215	P	2.5

$$y = 0.0133 * x + 7.5821E-004$$

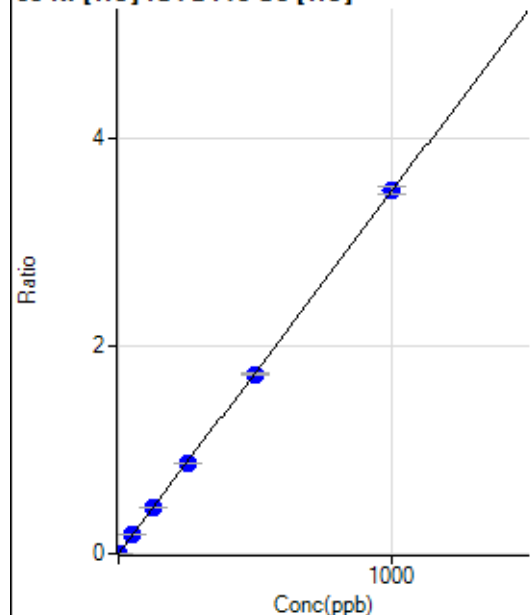
$$R = 1.0000$$

$$DL = 0.01657$$

$$BEC = 0.0568$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	104.44	0.0003	P	37.1
2	☐	1.000	1.123	1441.20	0.0042	P	3.6
3	☐	50.000	51.346	61401.18	0.1796	P	1.0
4	☐	125.000	127.632	152305.32	0.4461	P	0.8
5	☐	250.000	249.014	294649.29	0.8700	P	0.4
6	☐	500.000	496.249	553043.94	1.7335	P	1.3
7	☐	1000.000	1001.726	1038506.63	3.4990	P	2.0
8	☐			3848.31	0.0122	P	0.6

$$y = 0.0035 * x + 3.0327E-004$$

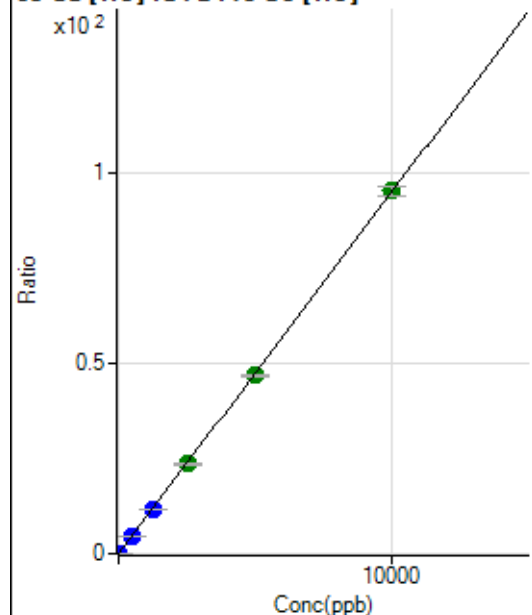
$$R = 1.0000$$

$$DL = 0.09667$$

$$BEC = 0.08683$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	785.59	0.0023	P	2.7
2	☐	2.000	2.091	7550.89	0.0221	P	3.7
3	☐	500.000	500.791	1627189.17	4.7606	P	0.6
4	☐	1250.000	1217.061	3949172.75	11.5662	P	0.4
5	☐	2500.000	2481.671	7986489.74	23.5820	A	0.7
6	☐	5000.000	4936.611	14964991.30	46.9077	A	1.3
7	☐	10000.000	10040.355	28314812.08	95.4012	A	2.3
8	☐			21206.53	0.0670	P	0.6

$$y = 0.0095 * x + 0.0023$$

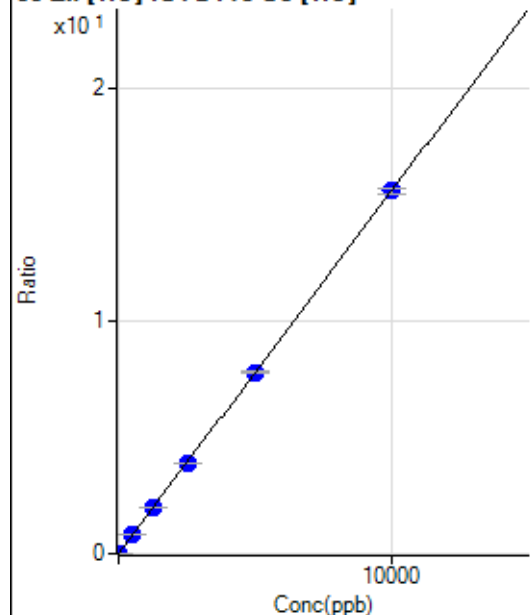
$$R = 1.0000$$

$$DL = 0.0191$$

$$BEC = 0.2401$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	292.13	0.0008	P	7.3
2	☐	2.000	2.265	1492.08	0.0044	P	10.3
3	☐	500.000	515.789	274786.83	0.8039	P	1.1
4	☐	1250.000	1269.882	675394.31	1.9781	P	0.4
5	☐	2500.000	2494.936	1315912.83	3.8855	P	0.8
6	☐	5000.000	4991.359	2479676.18	7.7725	P	1.1
7	☐	10000.000	10002.312	4622675.58	15.5747	P	1.8
8	☐			12390.15	0.0391	P	0.5

$$y = 0.0016 * x + 8.4839E-004$$

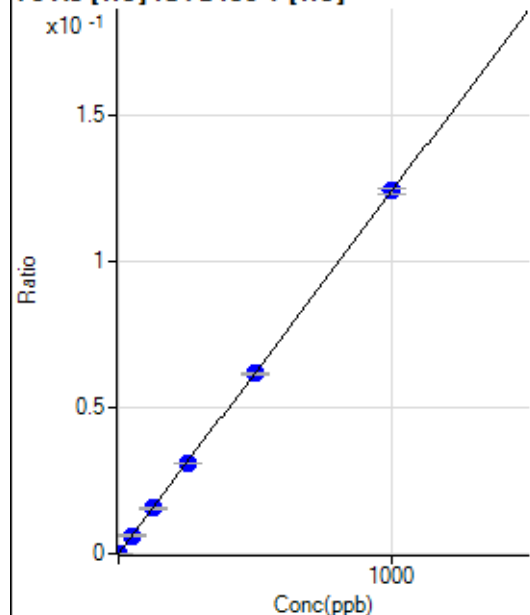
$$R = 1.0000$$

$$DL = 0.1199$$

$$BEC = 0.5449$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	16.05	0.0000	P	35.5
2	☐	1.000	0.955	320.38	0.0001	P	10.0
3	☐	50.000	50.377	16104.62	0.0062	P	0.8
4	☐	125.000	125.377	40187.93	0.0155	P	1.1
5	☐	250.000	249.143	78940.83	0.0308	P	1.0
6	☐	500.000	496.900	150041.02	0.0615	P	0.5
7	☐	1000.000	1001.698	284469.19	0.1240	P	1.6
8	☐			168.52	0.0001	P	3.9

$$y = 1.2377E-004 * x + 6.2297E-006$$

$$R = 1.0000$$

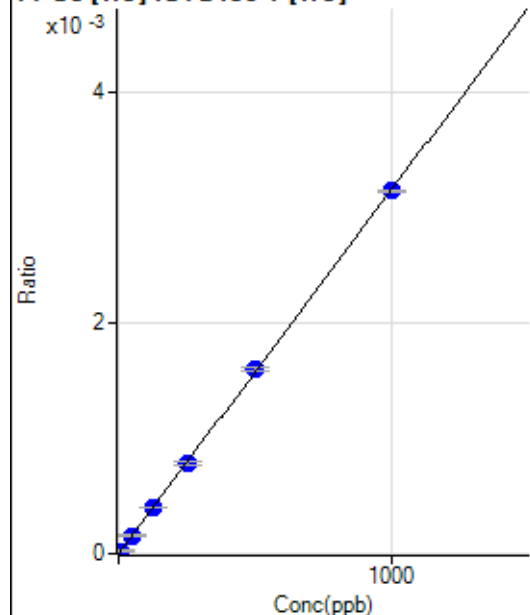
$$DL = 0.05354$$

$$BEC = 0.05033$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	7.668	62.22	0.0000	P	25.4
3	☐	50.000	50.004	406.68	0.0002	P	6.7
4	☐	125.000	127.316	1038.94	0.0004	P	3.1
5	☐	250.000	248.725	2006.83	0.0008	P	3.7
6	☐	500.000	506.315	3892.78	0.0016	P	2.5
7	☐	1000.000	996.858	7209.64	0.0031	P	0.4
8	☐			2.22	0.0000	P	86.6

$$y = 3.1520\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 1.0000$$

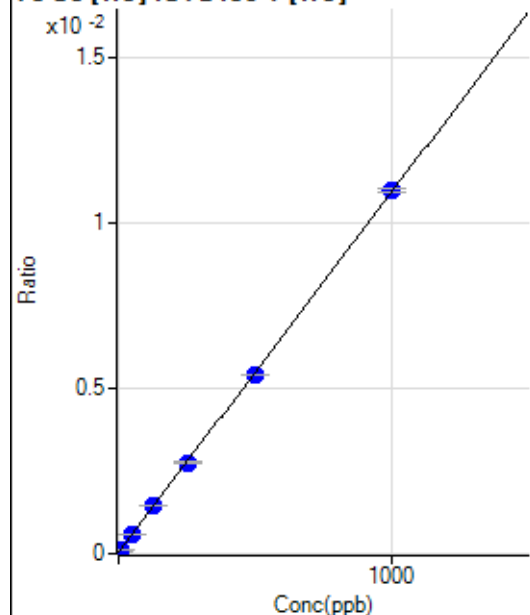
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	108.02	0.0000	P	6.6
2	☐	5.000	5.543	263.58	0.0001	P	5.6
3	☐	50.000	50.568	1530.95	0.0006	P	4.9
4	☐	125.000	127.924	3719.63	0.0014	P	1.2
5	☐	250.000	248.037	7029.51	0.0027	P	2.6
6	☐	500.000	493.301	13223.96	0.0054	P	0.4
7	☐	1000.000	1003.444	25202.73	0.0110	P	0.9
8	☐			108.03	0.0000	P	2.8

$$y = 1.0905\text{E-}005 * x + 4.1920\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.766$$

$$BEC = 3.844$$

Weight: <None>

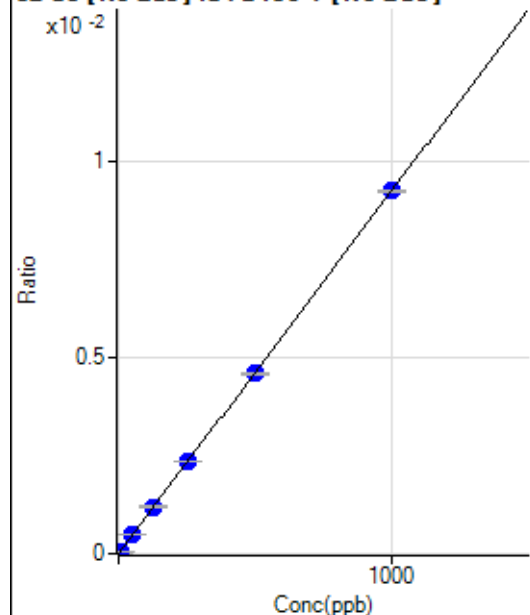
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5895.82		P	2.2
2	☐			6056.99		P	2.8
3	☐			5970.84		P	4.3
4	☐			6129.24		P	1.4
5	☐			6045.85		P	1.6
6	☐			5601.26		P	1.1
7	☐			5456.75		P	1.4
8	☐			5270.55		P	2.9

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			86.75		P	6.7
2	☐			40.04		P	25.0
3	☐			36.70		P	15.7
4	☐			50.05		P	34.6
5	☐			96.77		P	15.8
6	☐			63.40		P	18.2
7	☐			73.41		P	20.8
8	☐			96.77		P	57.0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	29.83	0.0000	P	395.
2	☐	5.000	5.710	663.29	0.0001	P	4.5
3	☐	50.000	51.671	5914.49	0.0005	P	2.4
4	☐	125.000	128.287	14373.51	0.0012	P	2.3
5	☐	250.000	252.506	28175.12	0.0023	P	0.3
6	☐	500.000	496.866	54634.84	0.0046	P	0.7
7	☐	1000.000	1000.443	103309.08	0.0093	P	0.5
8	☐			76.95	0.0000	P	57.3

$$y = 9.2605E-006 * x + 2.5304E-006$$

$$R = 1.0000$$

$$DL = 3.243$$

$$BEC = 0.2732$$

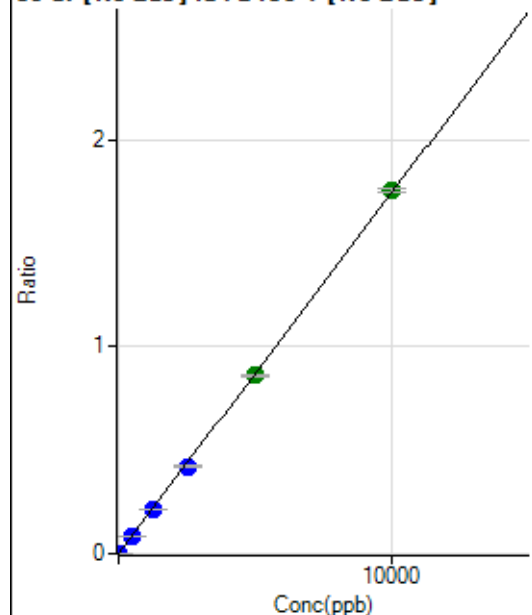
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			1905.70		P	7.5
2	☐			1880.15		P	3.4
3	☐			1909.04		P	2.0
4	☐			1932.37		P	4.0
5	☐			1883.48		P	6.5
6	☐			1964.60		P	1.7
7	☐			1739.01		P	4.1
8	☐			1655.67		P	3.3

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3053.18	0.0003	P	5.6
2	☐	1.000	1.216	5565.12	0.0005	P	7.6
3	☐	500.000	492.338	1058989.29	0.0861	P	2.2
4	☐	1250.000	1224.368	2581519.68	0.2138	P	1.4
5	☐	2500.000	2420.224	5084084.62	0.4224	P	0.3
6	☐	5000.000	4941.859	10232079.14	0.8622	A	0.9
7	☐	10000.000	10052.602	19549179.78	1.7536	A	1.1
8	☐			9942.59	0.0009	P	2.2

$$y = 1.7442\text{E-}004 * x + 2.5253\text{E-}004$$

$$R = 0.9999$$

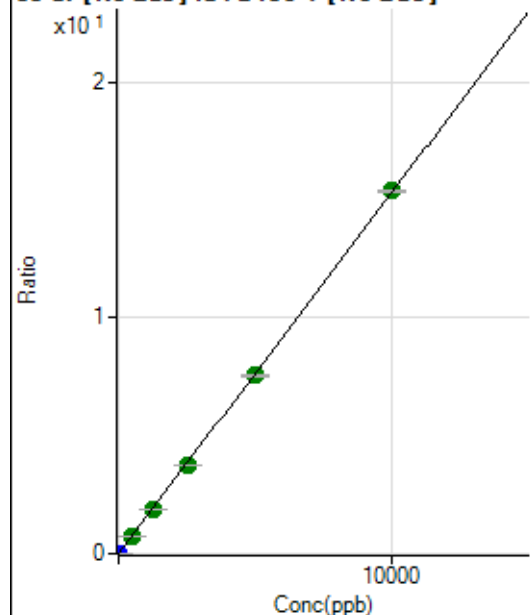
$$DL = 0.242$$

$$BEC = 1.448$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	236.12	0.0000	P	16.8
2	☐	1.000	1.053	19544.31	0.0016	P	4.4
3	☐	500.000	489.019	9208288.66	0.7488	A	0.8
4	☐	1250.000	1235.156	22835531.07	1.8913	A	1.2
5	☐	2500.000	2445.984	45079836.77	3.7453	A	0.6
6	☐	5000.000	4928.581	89554883.95	7.5466	A	1.1
7	☐	10000.000	10051.618	171573626.0	15.3909	A	0.7
8	☐			64930.25	0.0059	P	0.5

$$y = 0.0015 * x + 1.9542\text{E-}005$$

$$R = 0.9999$$

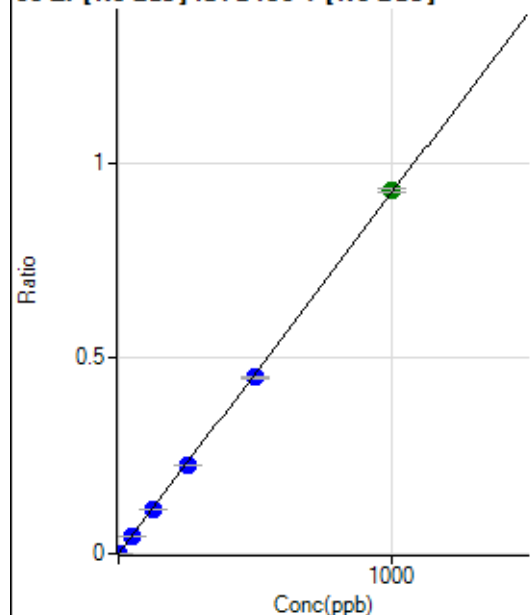
$$DL = 0.006428$$

$$BEC = 0.01276$$

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	722.26	0.0001	P	4.8
2	☐	1.000	0.981	11557.79	0.0010	P	3.5
3	☐	50.000	48.781	554296.73	0.0451	P	2.1
4	☐	125.000	123.303	1374732.79	0.1139	P	1.1
5	☐	250.000	245.918	2732461.39	0.2270	P	0.2
6	☐	500.000	489.485	5361457.37	0.4518	P	1.4
7	☐	1000.000	1006.551	10356244.76	0.9290	A	1.1
8	☐			3553.31	0.0003	P	4.5

$$y = 9.2290\text{E-}004 * x + 5.9714\text{E-}005$$

$$R = 0.9999$$

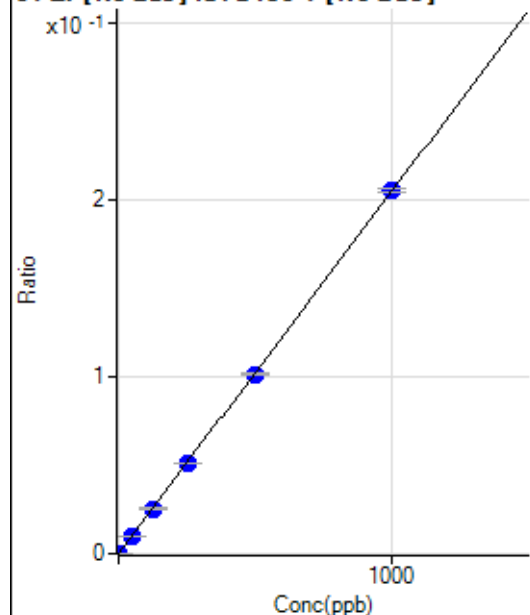
$$DL = 0.009289$$

$$BEC = 0.0647$$

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	88.89	0.0000	P	20.2
2	☐	1.000	1.023	2591.97	0.0002	P	6.3
3	☐	50.000	49.186	123785.83	0.0101	P	1.0
4	☐	125.000	124.512	307538.86	0.0255	P	0.8
5	☐	250.000	250.618	616947.26	0.0513	P	0.6
6	☐	500.000	495.623	1202828.45	0.1014	P	1.2
7	☐	1000.000	1002.136	2284569.67	0.2049	P	1.1
8	☐			708.37	0.0001	P	11.7

$$y = 2.0450\text{E-}004 * x + 7.3570\text{E-}006$$

$$R = 1.0000$$

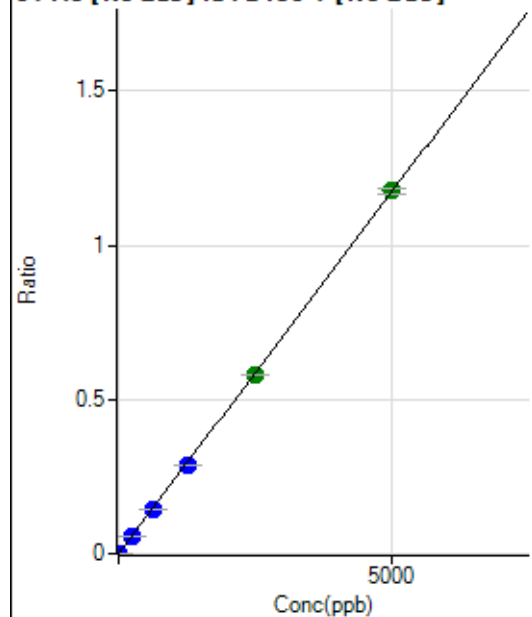
$$DL = 0.02185$$

$$BEC = 0.03598$$

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	266.68	0.0000	P	19.1
2	☐	5.000	4.906	14032.20	0.0012	P	2.8
3	☐	250.000	245.889	708972.83	0.0577	P	2.3
4	☐	625.000	615.769	1743013.69	0.1444	P	1.7
5	☐	1250.000	1230.173	3471138.05	0.2884	P	0.3
6	☐	2500.000	2476.578	6889613.87	0.5806	A	0.8
7	☐	5000.000	5018.027	13112735.02	1.1763	A	1.3
8	☐			5226.11	0.0005	P	2.7

$$y = 2.3441\text{E-}004 * x + 2.2053\text{E-}005$$

$$R = 1.0000$$

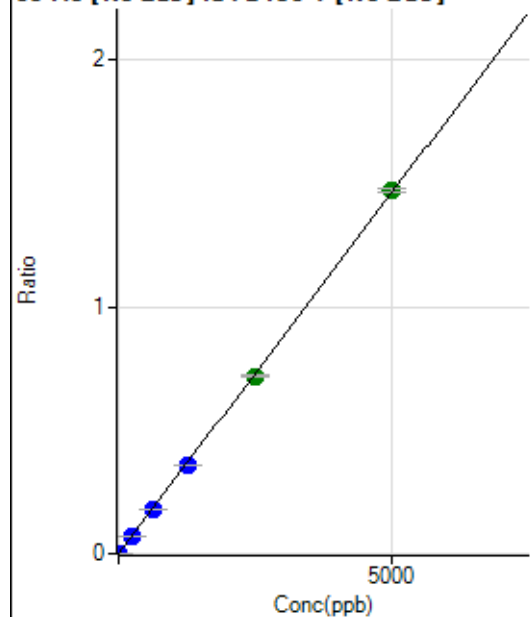
$$DL = 0.05378$$

$$BEC = 0.09408$$

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	47.22	0.0000	P	35.4
2	☐	5.000	4.969	17441.57	0.0015	P	3.4
3	☐	250.000	244.673	879646.43	0.0715	P	1.8
4	☐	625.000	614.086	2167725.18	0.1795	P	1.7
5	☐	1250.000	1220.414	4294730.13	0.3568	P	0.3
6	☐	2500.000	2461.224	8539366.94	0.7196	A	0.9
7	☐	5000.000	5028.415	16388473.11	1.4701	A	1.0
8	☐			7213.13	0.0007	P	3.2

$$y = 2.9237\text{E-}004 * x + 3.8930\text{E-}006$$

$$R = 0.9999$$

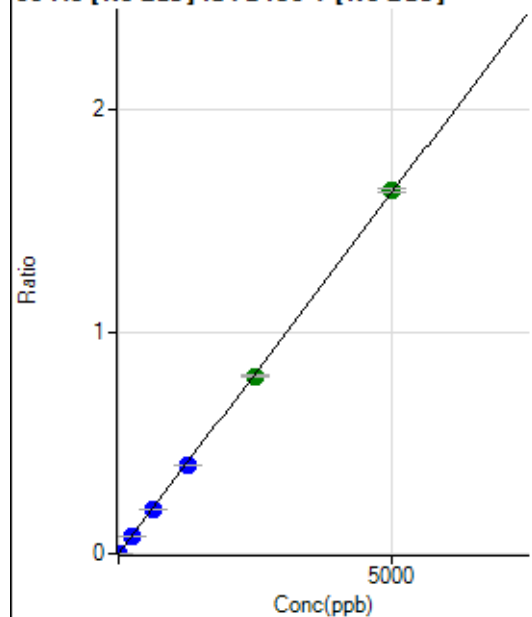
$$DL = 0.01415$$

$$BEC = 0.01332$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	111.12	0.0000	P	26.5
2	☐	5.000	4.942	19335.74	0.0016	P	2.7
3	☐	250.000	245.148	979571.76	0.0797	P	1.8
4	☐	625.000	614.113	2409400.84	0.1996	P	1.2
5	☐	1250.000	1218.491	4765645.42	0.3959	P	0.6
6	☐	2500.000	2460.450	9487230.33	0.7995	A	1.3
7	☐	5000.000	5029.256	18216718.29	1.6341	A	1.1
8	☐			8819.63	0.0008	P	2.5

$$y = 3.2493\text{E-}004 * x + 9.1868\text{E-}006$$

$$R = 0.9999$$

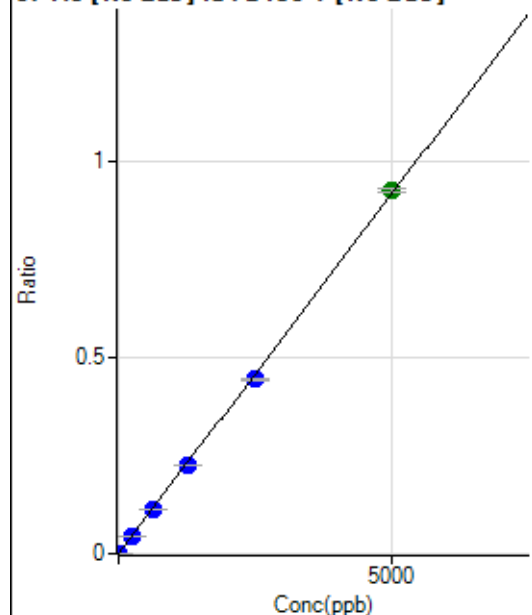
$$DL = 0.02248$$

$$BEC = 0.02827$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22.22	0.0000	P	94.9
2	☐	5.000	5.074	11168.58	0.0009	P	0.6
3	☐	250.000	244.883	552531.83	0.0449	P	2.0
4	☐	625.000	615.045	1362646.08	0.1129	P	1.3
5	☐	1250.000	1223.581	2702402.92	0.2245	P	0.2
6	☐	2500.000	2427.560	5285917.39	0.4454	P	1.4
7	☐	5000.000	5044.325	10318133.56	0.9256	A	1.0
8	☐			4242.40	0.0004	P	5.3

$$y = 1.8349\text{E-}004 * x + 1.8343\text{E-}006$$

$$R = 0.9998$$

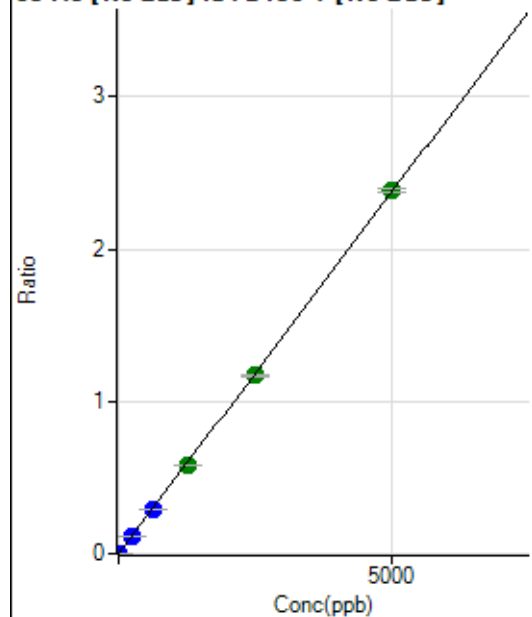
$$DL = 0.02847$$

$$BEC = 0.009997$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	113.89	0.0000	P	19.5
2	☐	5.000	5.049	28779.63	0.0024	P	0.5
3	☐	250.000	244.482	1425867.26	0.1160	P	1.6
4	☐	625.000	611.492	3501496.04	0.2900	P	1.9
5	☐	1250.000	1233.321	7040145.21	0.5849	A	0.6
6	☐	2500.000	2469.513	13898415.94	1.1712	A	1.2
7	☐	5000.000	5021.377	26547220.38	2.3814	A	1.0
8	☐			11060.09	0.0010	P	3.8

$$y = 4.7426\text{E-}004 * x + 9.4304\text{E-}006$$

$$R = 1.0000$$

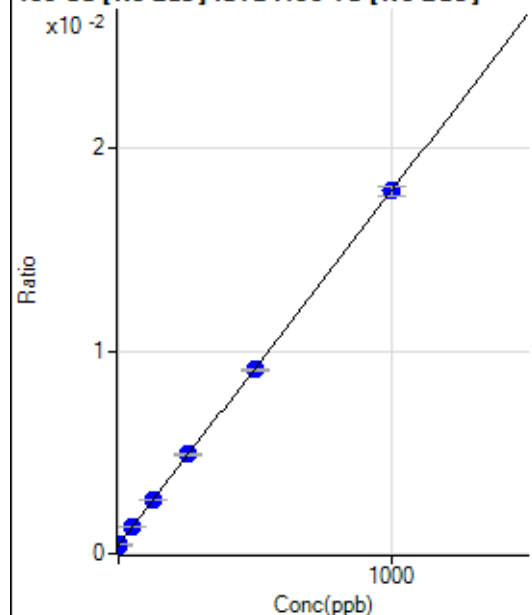
$$DL = 0.01162$$

$$BEC = 0.01988$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4862.07	0.0004	P	0.3
2	☐	1.000	1.083	5062.13	0.0004	P	2.4
3	☐	50.000	52.297	15556.11	0.0013	P	4.0
4	☐	125.000	128.787	30942.55	0.0027	P	0.3
5	☐	250.000	256.810	57187.62	0.0049	P	1.6
6	☐	500.000	495.855	105397.81	0.0091	P	1.4
7	☐	1000.000	999.782	197875.34	0.0179	P	2.6
8	☐			4606.43	0.0004	P	2.5

$$y = 1.7473\text{E-}005 * x + 4.2254\text{E-}004$$

$$R = 1.0000$$

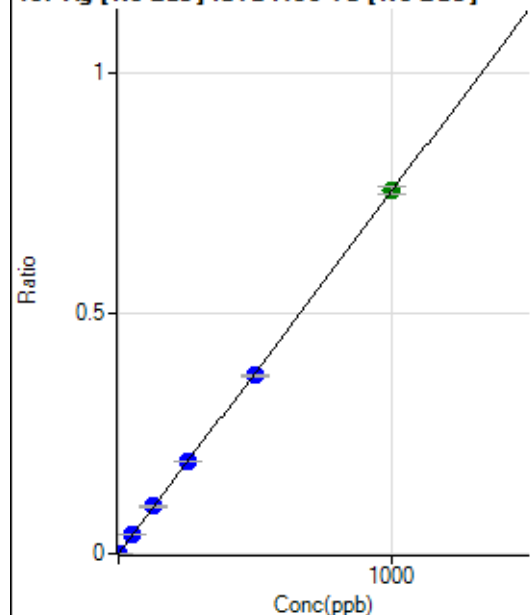
$$DL = 0.2222$$

$$BEC = 24.18$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	61.11	0.0000	P	29.4
2	☐	1.000	1.047	9083.69	0.0008	P	4.4
3	☐	50.000	52.131	456460.49	0.0392	P	0.9
4	☐	125.000	130.298	1134421.24	0.0980	P	1.1
5	☐	250.000	254.264	2227350.59	0.1912	P	1.2
6	☐	500.000	493.076	4301333.65	0.3708	P	1.1
7	☐	1000.000	1001.627	8331241.76	0.7533	A	2.0
8	☐			2814.24	0.0003	P	4.5

$$y = 7.5206\text{E-}004 * x + 5.3243\text{E-}006$$

$$R = 0.9999$$

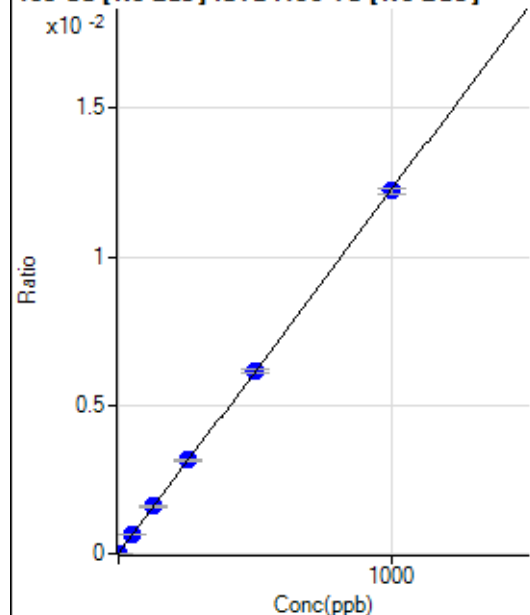
$$DL = 0.006235$$

$$BEC = 0.00708$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	95.83	0.0000	P	20.0
2	☐	1.000	1.071	245.84	0.0000	P	8.5
3	☐	50.000	51.751	7479.83	0.0006	P	0.8
4	☐	125.000	129.381	18449.56	0.0016	P	2.8
5	☐	250.000	256.407	36697.25	0.0032	P	2.5
6	☐	500.000	502.686	71550.84	0.0062	P	1.8
7	☐	1000.000	996.420	135148.46	0.0122	P	1.7
8	☐			163.89	0.0000	P	27.4

$$y = 1.2255\text{E-}005 * x + 8.3286\text{E-}006$$

$$R = 1.0000$$

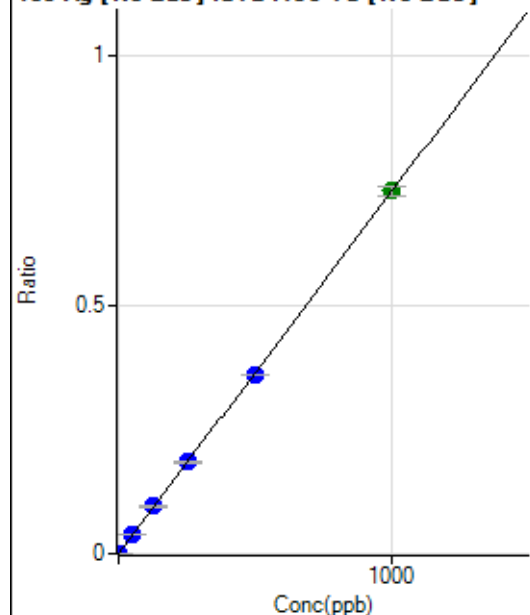
$$DL = 0.4083$$

$$BEC = 0.6796$$

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	8.33	0.0000	P	1.3
2	☐	1.000	1.061	8850.19	0.0008	P	6.0
3	☐	50.000	52.491	444115.33	0.0382	P	0.5
4	☐	125.000	130.204	1095482.05	0.0946	P	1.3
5	☐	250.000	252.542	2137910.83	0.1835	P	0.5
6	☐	500.000	492.454	4151669.19	0.3579	P	0.3
7	☐	1000.000	1002.363	8056875.09	0.7285	A	2.4
8	☐			2811.46	0.0003	P	3.9

$$y = 7.2680\text{E-}004 * x + 7.2402\text{E-}007$$

$$R = 0.9999$$

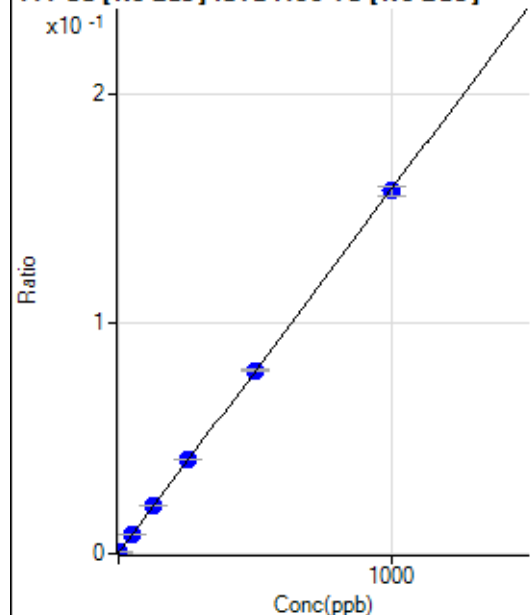
$$DL = 3.989\text{E-}05$$

$$BEC = 0.0009962$$

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	3391.92	0.0003	P	0.6
2	☐	1.000	1.085	5346.57	0.0005	P	2.8
3	☐	50.000	52.759	100563.72	0.0086	P	1.0
4	☐	125.000	130.857	242987.70	0.0210	P	0.8
5	☐	250.000	258.579	479768.72	0.0412	P	0.6
6	☐	500.000	502.844	925851.19	0.0798	P	1.4
7	☐	1000.000	995.563	1744533.42	0.1577	P	2.6
8	☐			3665.35	0.0003	P	2.4

$$y = 1.5815\text{E-}004 * x + 2.9477\text{E-}004$$

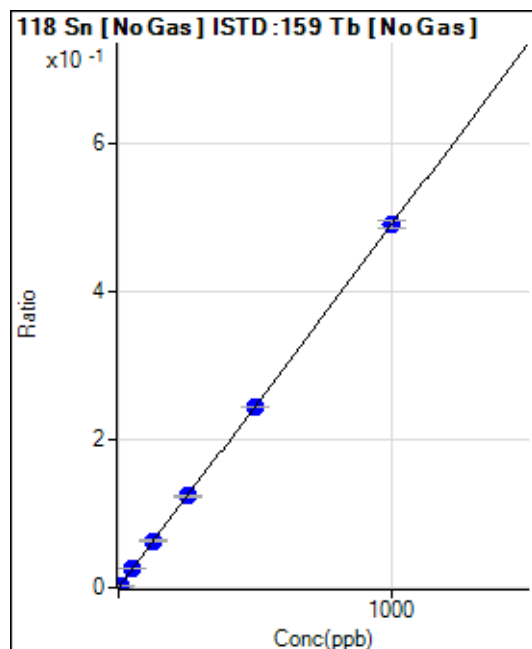
$$R = 0.9999$$

$$DL = 0.03225$$

$$BEC = 1.864$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	852.83	0.0001	P	9.1
2	☐	5.000	5.324	30825.97	0.0027	P	0.3
3	☐	50.000	52.022	298175.71	0.0256	P	1.0
4	☐	125.000	129.501	736836.66	0.0637	P	1.4
5	☐	250.000	252.275	1443489.38	0.1239	P	1.1
6	☐	500.000	497.879	2836115.60	0.2445	P	0.9
7	☐	1000.000	999.827	5429631.67	0.4909	P	2.2
8	☐			4692.60	0.0004	P	4.3

$$y = 4.9095\text{E-}004 * x + 7.4095\text{E-}005$$

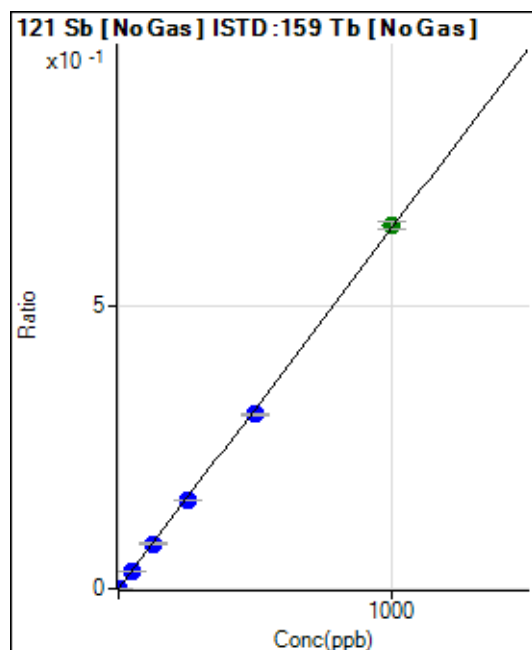
$$R = 1.0000$$

$$DL = 0.04123$$

$$BEC = 0.1509$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	175.01	0.0000	P	34.0
2	☐	2.000	2.046	15144.62	0.0013	P	6.8
3	☐	50.000	50.273	373625.29	0.0321	P	0.9
4	☐	125.000	125.434	926696.01	0.0801	P	2.3
5	☐	250.000	247.050	1836410.18	0.1577	P	0.8
6	☐	500.000	485.525	3593909.84	0.3098	P	1.0
7	☐	1000.000	1007.907	7113256.67	0.6432	A	2.2
8	☐			5745.78	0.0005	P	7.5

$$y = 6.3812\text{E-}004 * x + 1.5255\text{E-}005$$

$$R = 0.9998$$

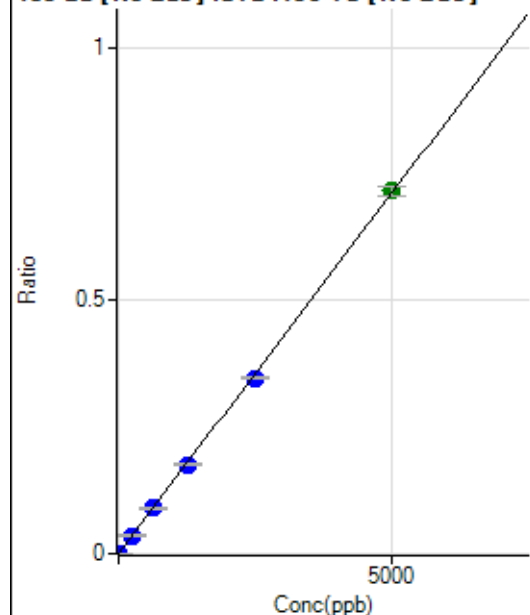
$$DL = 0.02436$$

$$BEC = 0.02391$$

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	72.22	0.0000	P	6.3
2	☐	10.000	10.313	16919.03	0.0015	P	3.3
3	☐	250.000	253.080	419852.33	0.0361	P	0.3
4	☐	625.000	631.917	1042338.46	0.0900	P	1.8
5	☐	1250.000	1239.009	2056372.85	0.1765	P	0.8
6	☐	2500.000	2434.430	4023514.46	0.3469	P	1.1
7	☐	5000.000	5034.513	7933090.89	0.7174	A	2.7
8	☐			3528.32	0.0003	P	1.8

$$y = 1.4249\text{E-}004 * x + 6.2760\text{E-}006$$

$$R = 0.9999$$

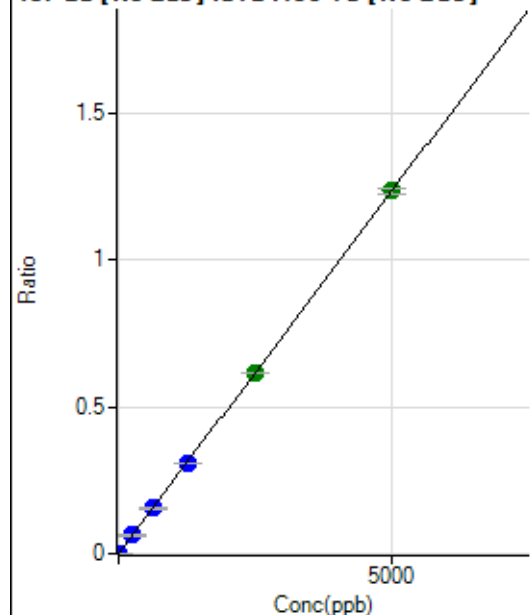
$$DL = 0.008317$$

$$BEC = 0.04405$$

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	36.11	0.0000	P	13.9
2	☐	10.000	10.301	29133.80	0.0025	P	4.4
3	☐	250.000	252.967	725599.87	0.0623	P	1.2
4	☐	625.000	627.345	1789327.54	0.1546	P	1.6
5	☐	1250.000	1241.820	3563923.61	0.3060	P	0.6
6	☐	2500.000	2486.949	7107872.43	0.6128	A	0.1
7	☐	5000.000	5008.128	13648201.52	1.2340	A	1.3
8	☐			6407.21	0.0006	P	5.1

$$y = 2.4639\text{E-}004 * x + 3.1400\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.005326$$

$$BEC = 0.01274$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			4.45		P	86.6
3	☐			28.89		P	35.2
4	☐			60.00		P	22.2
5	☐			168.89		P	23.1
6	☐			197.78		P	23.9
7	☐			471.13		P	13.4
8	☐			55.56		P	30.2

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.
2	☐			0.00		P	
3	☐			3.33		P	100.
4	☐			17.78		P	47.2
5	☐			21.11		P	32.9
6	☐			34.45		P	20.1
7	☐			65.56		P	17.9
8	☐			22.22		P	45.8

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.55		P	86.6
2	☐			11.11		P	173.
3	☐			30.56		P	41.7
4	☐			75.00		P	29.4
5	☐			105.56		P	31.9
6	☐			261.12		P	21.2
7	☐			433.35		P	13.5
8	☐			2069.65		P	12.0

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			5.56		P	34.7
3	☐			30.00		P	29.4
4	☐			52.22		P	32.1
5	☐			103.33		P	9.7
6	☐			191.12		P	15.8
7	☐			310.01		P	12.4
8	☐			1327.86		P	8.8

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

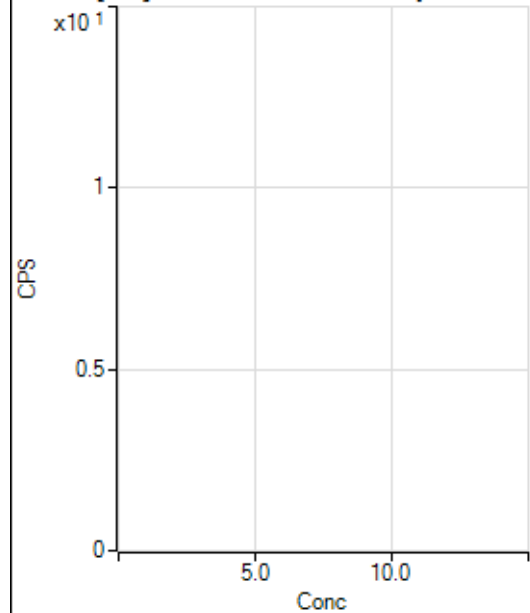
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			41.67		P	40.0
2	☐			38.89		P	61.9
3	☐			88.89		P	27.1
4	☐			113.90		P	29.6
5	☐			163.90		P	5.9
6	☐			291.68		P	2.9
7	☐			469.47		P	14.3
8	☐			2347.49		P	9.6

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			92.22		P	30.7
2	☐			78.89		P	2.4
3	☐			96.67		P	11.9
4	☐			130.00		P	20.4
5	☐			180.00		P	14.5
6	☐			262.23		P	3.7
7	☐			351.12		P	8.5
8	☐			1643.45		P	8.1

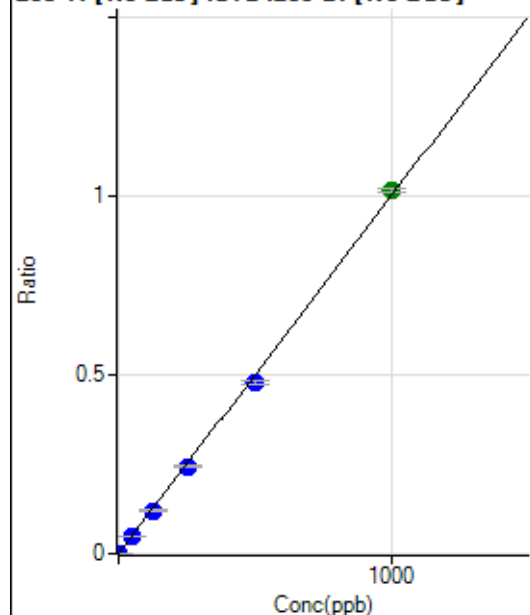
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			63.89		P	19.9
2	☐			80.56		P	33.3
3	☐			86.11		P	39.1
4	☐			86.11		P	63.0
5	☐			116.67		P	39.8
6	☐			108.34		P	23.1
7	☐			105.56		P	9.1
8	☐			383.35		P	16.4

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			57.78		P	49.1
2	☐			53.34		P	21.6
3	☐			41.11		P	28.5
4	☐			62.22		P	8.2
5	☐			72.22		P	10.7
6	☐			80.00		P	18.2
7	☐			85.56		P	18.0
8	☐			271.12		P	1.9

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1102.86	0.0001	P	6.0
2	☐	1.000	1.016	9345.17	0.0012	P	0.1
3	☐	50.000	49.233	402366.26	0.0494	P	0.4
4	☐	125.000	120.432	993962.27	0.1207	P	1.0
5	☐	250.000	244.056	1971821.01	0.2445	P	1.6
6	☐	500.000	478.067	3866417.28	0.4789	P	1.3
7	☐	1000.000	1013.062	7767323.61	1.0147	A	1.2
8	☐			3172.68	0.0005	P	7.1

$$y = 0.0010 * x + 1.3613E-004$$

$$R = 0.9996$$

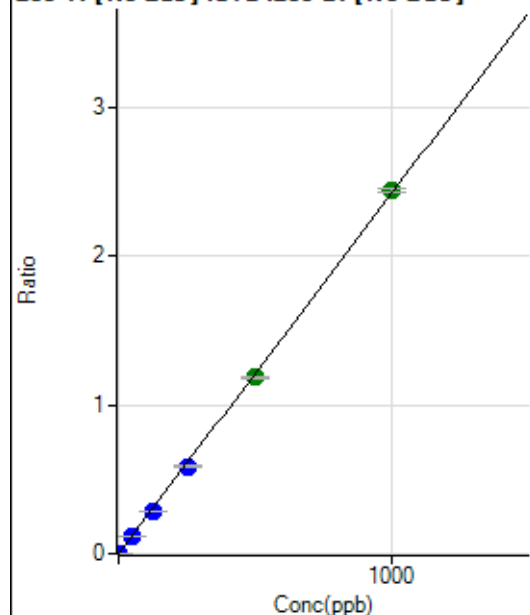
$$DL = 0.02459$$

$$BEC = 0.1359$$

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	2389.18	0.0003	P	4.1
2	☐	1.000	0.986	21734.84	0.0027	P	3.9
3	☐	50.000	49.009	968555.38	0.1190	P	0.6
4	☐	125.000	118.975	2374788.77	0.2885	P	1.4
5	☐	250.000	242.261	4734102.06	0.5871	P	1.7
6	☐	500.000	490.433	9593781.29	1.1883	A	1.2
7	☐	1000.000	1007.521	18684814.65	2.4409	A	1.0
8	☐			7613.53	0.0011	P	8.0

$$y = 0.0024 * x + 2.9496E-004$$

$$R = 0.9999$$

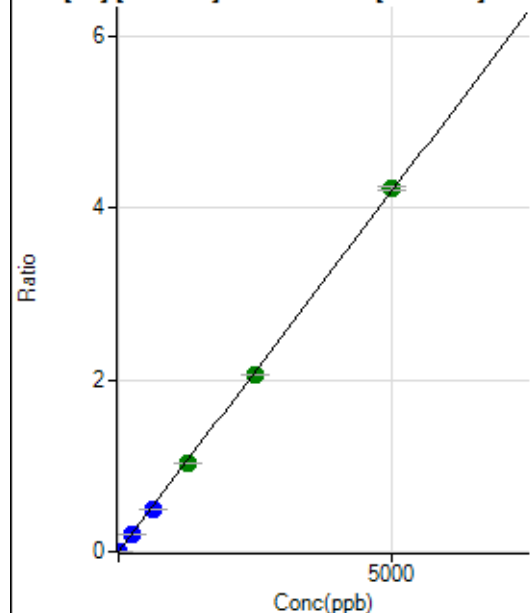
$$DL = 0.01503$$

$$BEC = 0.1218$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	453.72	0.0001	P	13.6
2	☐	1.000	0.988	7159.46	0.0009	P	3.2
3	☐	250.000	238.423	1625829.12	0.1998	P	0.6
4	☐	625.000	580.361	4002371.62	0.4862	P	1.0
5	☐	1250.000	1232.287	8323770.21	1.0323	A	0.8
6	☐	2500.000	2451.122	16578136.71	2.0533	A	0.1
7	☐	5000.000	5035.026	32286679.19	4.2178	A	1.1
8	☐			64892.32	0.0093	P	5.8

$$y = 8.3767E-004 * x + 5.5982E-005$$

$$R = 0.9999$$

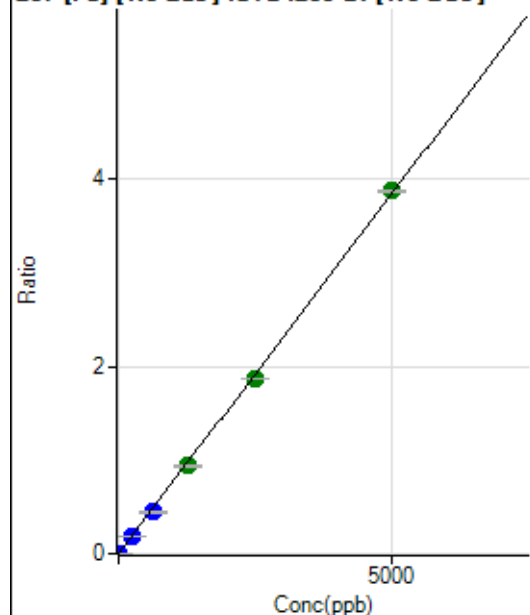
$$DL = 0.02729$$

$$BEC = 0.06683$$

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	427.79	0.0001	P	5.3
2	☐	1.000	0.947	6321.97	0.0008	P	0.7
3	☐	250.000	236.337	1477528.50	0.1816	P	0.6
4	☐	625.000	577.379	3650502.22	0.4435	P	0.9
5	☐	1250.000	1226.531	7595285.64	0.9420	A	1.9
6	☐	2500.000	2435.491	15101587.03	1.8704	A	0.5
7	☐	5000.000	5044.757	29657980.75	3.8743	A	0.8
8	☐			59631.03	0.0085	P	4.9

$$y = 7.6797E-004 * x + 5.2820E-005$$

$$R = 0.9998$$

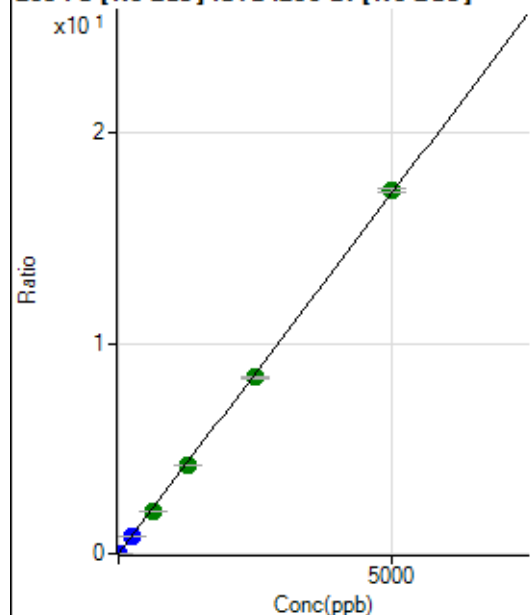
$$DL = 0.01091$$

$$BEC = 0.06878$$

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	1894.54	0.0002	P	2.5
2	☐	1.000	0.970	28823.83	0.0036	P	1.4
3	☐	250.000	236.775	6601916.41	0.8112	P	0.6
4	☐	625.000	593.998	16749957.49	2.0348	A	0.8
5	☐	1250.000	1231.611	34015900.24	4.2187	A	0.9
6	☐	2500.000	2446.735	67662546.31	8.3806	A	0.6
7	☐	5000.000	5035.766	132037497.1	17.2484	A	0.9
8	☐			267934.84	0.0382	P	5.3

$$y = 0.0034 * x + 2.3389E-004$$

$$R = 0.9999$$

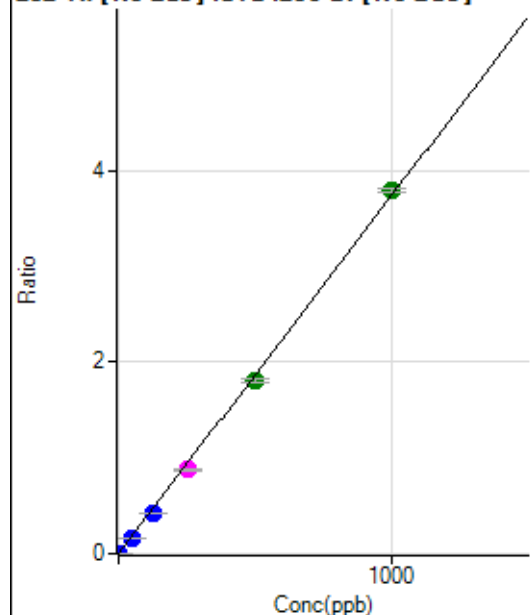
$$DL = 0.005202$$

$$BEC = 0.06829$$

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	359.27	0.0000	P	9.9
2	☐	1.000	-0.001	322.23	0.0000	P	7.4
3	☐	50.000	45.455	1384167.18	0.1701	P	0.1
4	☐	125.000	112.450	3463199.82	0.4207	P	1.3
5	☐	250.000	235.973	7118495.07	0.8828	M	2.5
6	☐	500.000	483.446	14601436.79	1.8085	A	1.5
7	☐	1000.000	1013.581	29025197.87	3.7917	A	1.2
8	☐			8008.16	0.0011	P	6.4

$$y = 0.0037 * x + 4.4353E-005$$

$$R = 0.9997$$

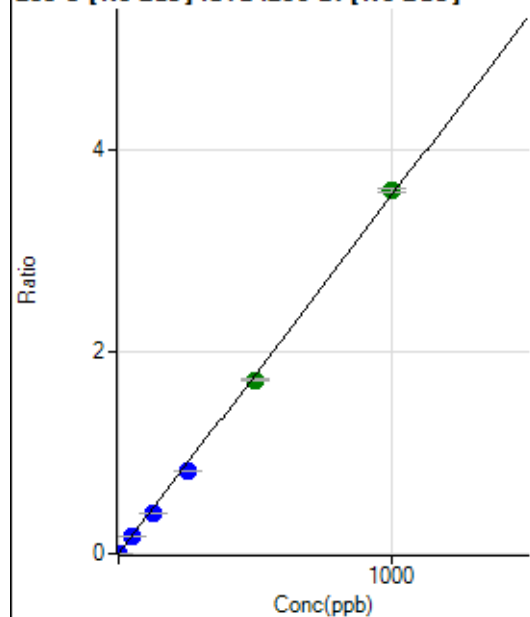
$$DL = 0.003533$$

$$BEC = 0.01186$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	133.34	0.0000	P	19.5
2	☐	1.000	0.940	27103.75	0.0033	P	1.7
3	☐	50.000	46.390	1337523.67	0.1644	P	0.6
4	☐	125.000	113.935	3322697.17	0.4036	P	0.6
5	☐	250.000	231.934	6625102.84	0.8217	P	1.0
6	☐	500.000	485.274	13879344.58	1.7191	A	1.1
7	☐	1000.000	1013.443	27483248.53	3.5902	A	1.2
8	☐			5879.28	0.0008	P	7.7

$$y = 0.0035 * x + 1.6477E-005$$

$$R = 0.9996$$

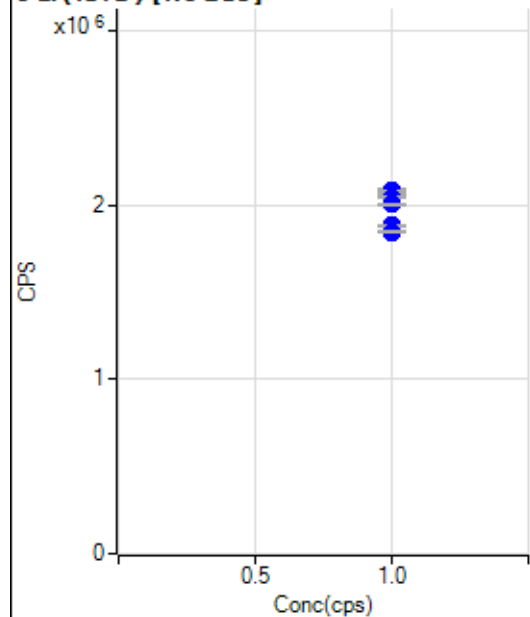
$$DL = 0.002722$$

$$BEC = 0.004651$$

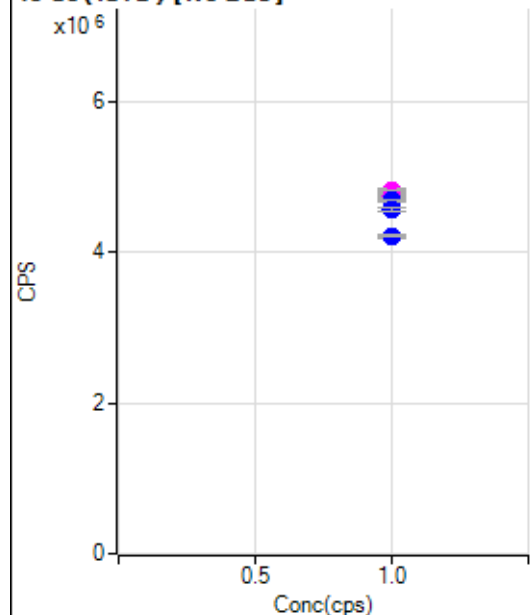
Weight: <None>

Min Conc: 0

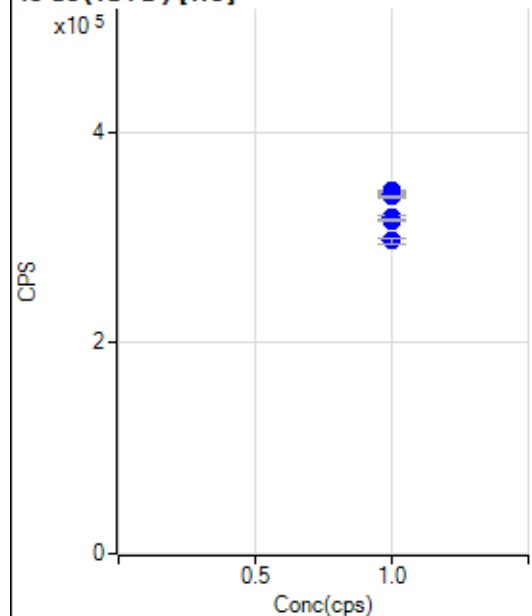
6 Li (ISTD) [No Gas]



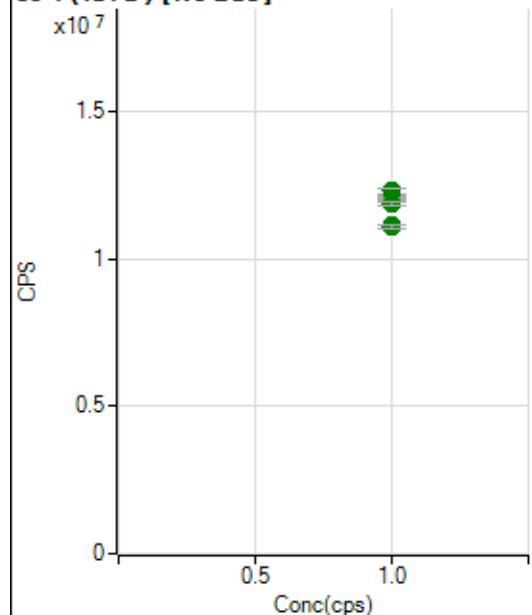
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2081605.39		P	1.3
2	☐	1.000		2080642.00		P	1.3
3	☐	1.000		2081251.76		P	0.7
4	☐	1.000		2080019.59		P	0.3
5	☐	1.000		2043432.02		P	0.4
6	☐	1.000		2005325.40		P	0.6
7	☐	1.000		1881993.83		P	0.4
8	☐	1.000		1845325.35		P	0.6

45 Sc (ISTD) [No Gas]

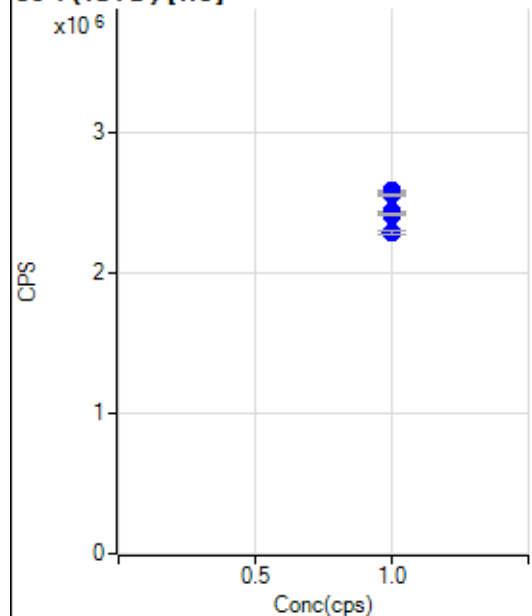
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4753818.05		P	1.0
2	☐	1.000		4734351.04		P	0.2
3	☐	1.000		4816356.98		M	1.1
4	☐	1.000		4754372.54		M	2.5
5	☐	1.000		4691640.35		P	0.4
6	☐	1.000		4569826.50		P	0.8
7	☐	1.000		4207219.48		P	0.4
8	☐	1.000		4221927.06		P	0.5

45 Sc (ISTD) [He]

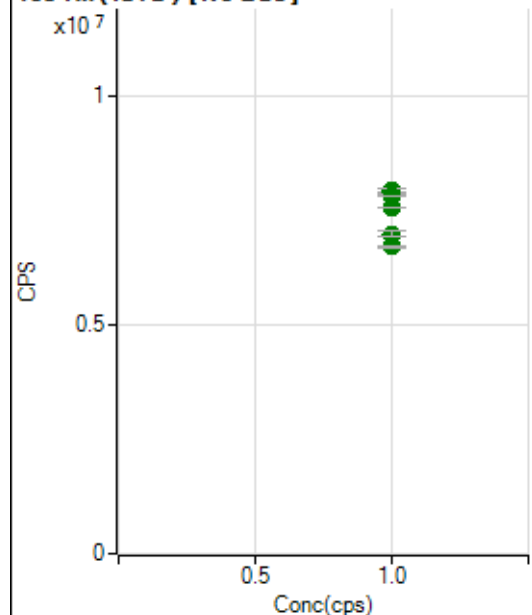
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		344411.55		P	0.5
2	☐	1.000		340980.12		P	0.5
3	☐	1.000		341813.84		P	0.9
4	☐	1.000		341443.55		P	0.6
5	☐	1.000		338672.95		P	0.5
6	☐	1.000		319052.11		P	0.9
7	☐	1.000		296868.34		P	1.7
8	☐	1.000		316703.13		P	0.3

89 Y (ISTD) [No Gas]

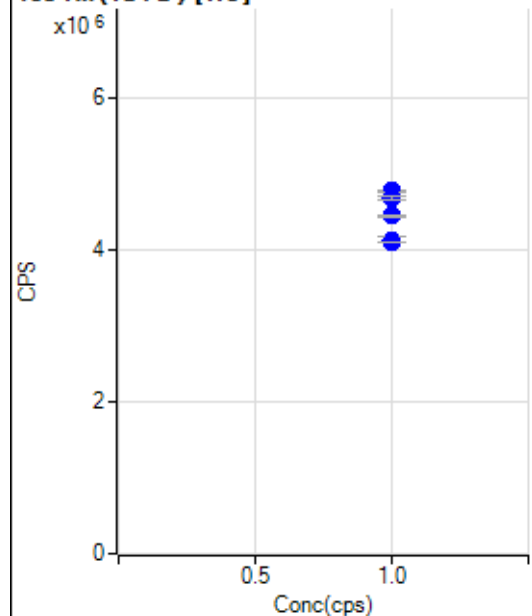
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12095736.07		A	1.2
2	☐	1.000		11972199.55		A	0.6
3	☐	1.000		12298505.65		A	1.6
4	☐	1.000		12075228.01		A	1.1
5	☐	1.000		12036326.21		A	0.7
6	☐	1.000		11867736.21		A	0.9
7	☐	1.000		11147905.25		A	0.5
8	☐	1.000		11090332.19		A	0.8

89 Y (ISTD) [He]

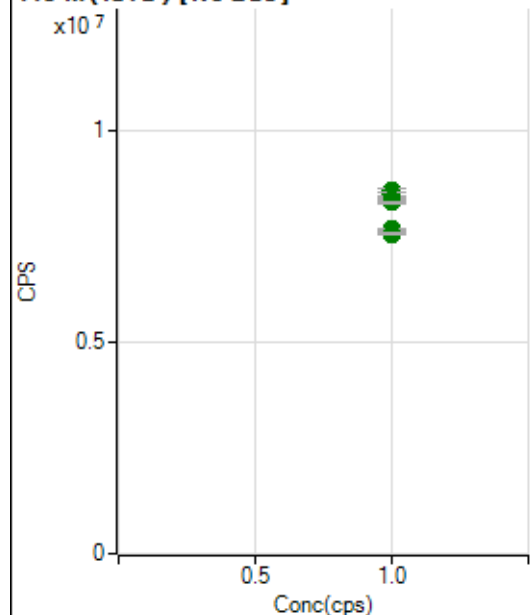
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2577089.65		P	0.2
2	☐	1.000		2574479.23		P	0.6
3	☐	1.000		2580174.61		P	0.3
4	☐	1.000		2588717.32		P	0.7
5	☐	1.000		2559459.18		P	0.5
6	☐	1.000		2439273.24		P	0.4
7	☐	1.000		2294614.50		P	1.4
8	☐	1.000		2419216.96		P	0.2

103 Rh (ISTD) [No Gas]

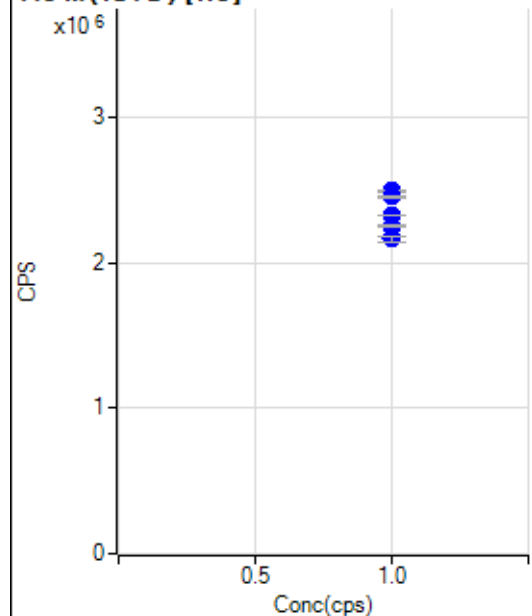
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7923244.26		A	1.2
2	☐	1.000		7874549.47		A	0.6
3	☐	1.000		7930255.02		A	0.9
4	☐	1.000		7915133.28		A	1.7
5	☐	1.000		7822513.56		A	0.4
6	☐	1.000		7566033.50		A	0.2
7	☐	1.000		6995803.51		A	1.3
8	☐	1.000		6704958.79		A	0.5

103 Rh (ISTD) [He]

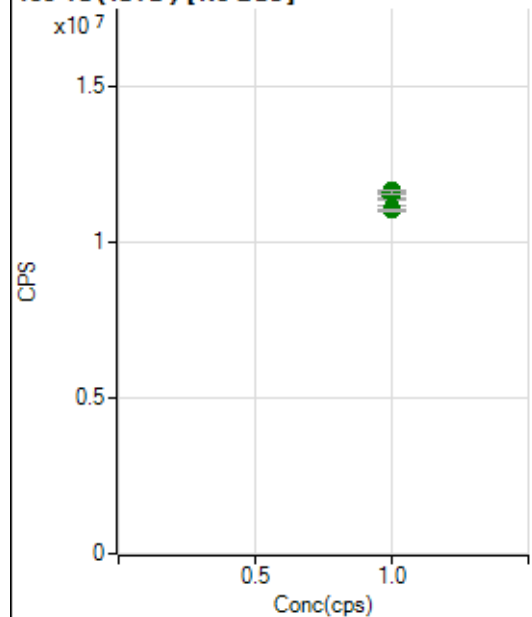
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4771313.09		P	0.3
2	☐	1.000		4763743.50		P	0.3
3	☐	1.000		4771923.12		P	0.5
4	☐	1.000		4749519.82		P	0.2
5	☐	1.000		4678811.67		P	0.7
6	☐	1.000		4444795.07		P	0.5
7	☐	1.000		4132394.28		P	1.8
8	☐	1.000		4099533.31		P	0.3

115 In (ISTD) [No Gas]

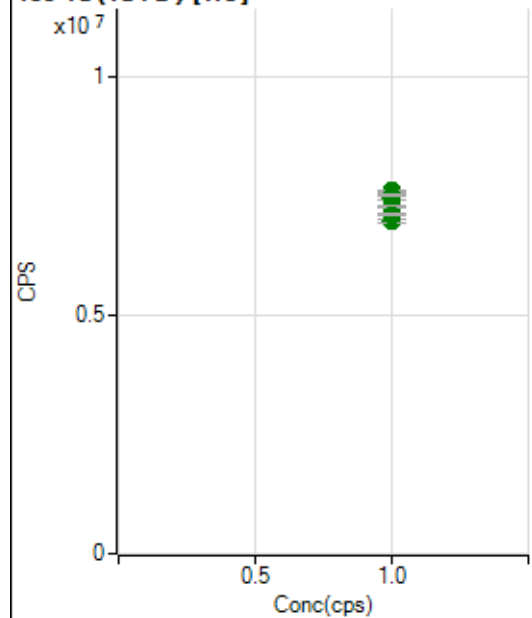
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8416804.75		A	1.3
2	☐	1.000		8489855.05		A	1.0
3	☐	1.000		8580196.16		A	1.2
4	☐	1.000		8511329.27		A	0.8
5	☐	1.000		8380764.10		A	0.6
6	☐	1.000		8311105.83		A	0.8
7	☐	1.000		7673509.44		A	0.6
8	☐	1.000		7566048.23		A	0.9

115 In (ISTD) [He]

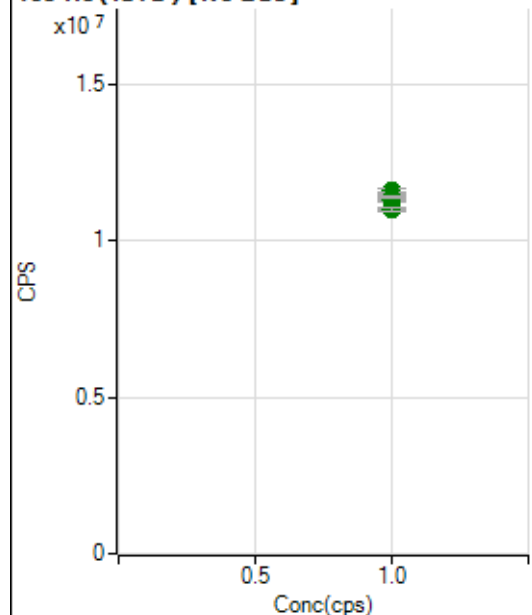
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2497741.11		P	0.3
2	☐	1.000		2489143.90		P	0.2
3	☐	1.000		2494913.29		P	0.1
4	☐	1.000		2493490.15		P	0.8
5	☐	1.000		2457131.72		P	0.7
6	☐	1.000		2327658.96		P	0.1
7	☐	1.000		2169185.59		P	1.8
8	☐	1.000		2252853.94		P	0.4

159 Tb (ISTD) [No Gas]

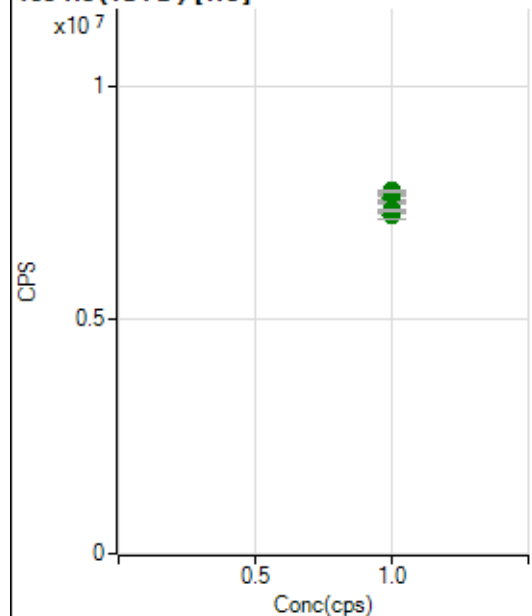
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11506551.77		A	1.3
2	☐	1.000		11468891.22		A	1.5
3	☐	1.000		11640995.11		A	0.1
4	☐	1.000		11576696.50		A	0.8
5	☐	1.000		11647629.55		A	0.2
6	☐	1.000		11599673.16		A	0.7
7	☐	1.000		11062062.48		A	1.6
8	☐	1.000		11020847.06		A	0.9

159 Tb (ISTD) [He]

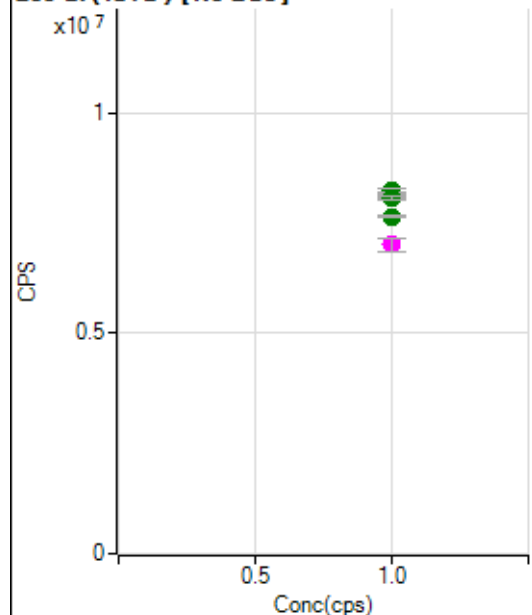
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7469358.99		A	1.3
2	☐	1.000		7518357.11		A	0.7
3	☐	1.000		7525667.87		A	0.5
4	☐	1.000		7612266.48		A	0.4
5	☐	1.000		7520663.08		A	0.5
6	☐	1.000		7280343.09		A	0.7
7	☐	1.000		6988016.08		A	1.4
8	☐	1.000		7119103.92		A	0.4

165 Ho (ISTD) [No Gas]

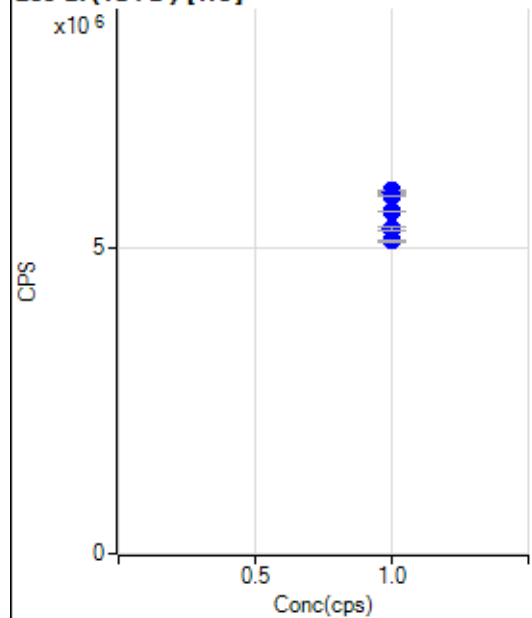
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11409720.11		A	2.1
2	☐	1.000		11322081.22		A	1.3
3	☐	1.000		11510455.38		A	0.7
4	☐	1.000		11605757.60		A	1.2
5	☐	1.000		11527040.10		A	0.5
6	☐	1.000		11405170.25		A	0.7
7	☐	1.000		10983071.02		A	0.2
8	☐	1.000		11004879.14		A	1.5

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7687301.90		A	1.0
2	☐	1.000		7603418.78		A	1.3
3	☐	1.000		7718644.12		A	0.3
4	☐	1.000		7714689.33		A	0.4
5	☐	1.000		7757487.73		A	0.4
6	☐	1.000		7494021.35		A	0.7
7	☐	1.000		7220714.89		A	1.3
8	☐	1.000		7343438.36		A	0.8

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8101008.56		A	0.8
2	☐	1.000		8104244.81		A	1.2
3	☐	1.000		8138172.17		A	0.4
4	☐	1.000		8232266.82		A	0.9
5	☐	1.000		8063393.56		A	0.5
6	☐	1.000		8073936.82		A	0.7
7	☐	1.000		7655228.01		A	0.6
8	☐	1.000		7016863.02		M	4.2

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5947824.56		P	0.3
2	☐	1.000		5898775.61		P	0.5
3	☐	1.000		5904413.87		P	0.2
4	☐	1.000		5919005.75		P	0.8
5	☐	1.000		5860753.94		P	0.2
6	☐	1.000		5613333.25		P	0.2
7	☐	1.000		5335384.12		P	1.4
8	☐	1.000		5127023.88		P	0.4

US EPA Tune Check Sample Report

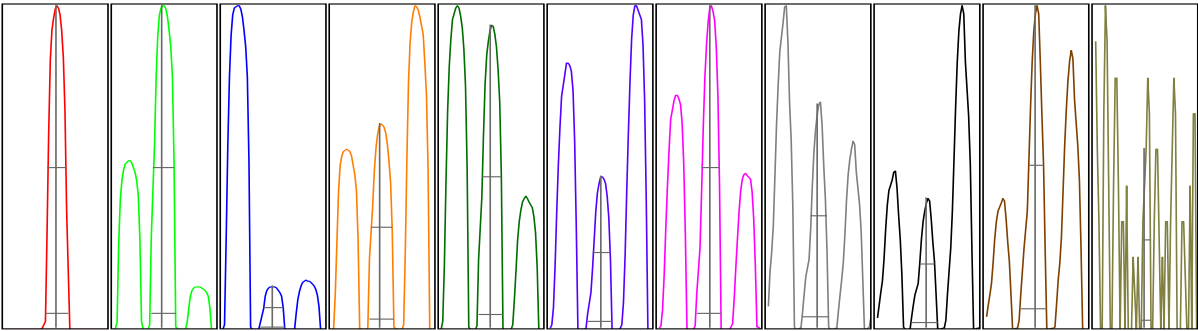
Batch Folder C:\Agilent\ICPMH\1\DATA\P7052721 MS .b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	6356	4.85	5.00	
24	54188	4.66	5.00	
25	7022	4.64	5.00	
26	8095	4.57	5.00	
59	17920	4.31	5.00	
113	10379	4.68	5.00	
115	30460	4.50	5.00	
206	15203	4.60	5.00	
207	12753	4.35	5.00	
208	31226	4.41	5.00	
220	0	77.43		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	6514	6516	6505	5808	6437
24	55391	55766	54884	49706	55196
25	7162	7270	7104	6450	7124
26	8273	8336	8231	7440	8197
59	18283	18428	18162	16550	18177
113	10595	10692	10554	9517	10536
115	31149	31293	31079	28033	30744
206	15508	15647	15400	13961	15499
207	13023	13141	12864	11776	12960
208	31745	32057	31817	28776	31738
220	0	0	0	0	0

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	12021	9.05	8.9 - 9.1		0.689	0.900	
24	91934	23.95	23.9 - 24.1		0.739	0.900	
25	12162	25.00	24.9 - 25.1		0.732	0.900	
26	13900	25.95	25.9 - 26.1		0.739	0.900	
59	32106	59.00	58.9 - 59.1		0.736	0.900	
113	20520	113.05	112.9 - 113.1		0.723	0.900	
115	59976	115.05	114.9 - 115.1		0.725	0.900	
206	33189	206.00	205.9 - 206.1		0.761	0.900	
207	27676	207.00	206.9 - 207.1		0.764	0.900	
208	68459	208.00	207.9 - 208.1		0.765	0.900	
220	0	220.00	-		0.294		

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		0.45 L/min

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.8	V	Deflect	13.6	V
Extract 2	-145.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-85	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	190	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	6388	0.85	
89	23639	0.64	
205	16803	0.78	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	6340	6338	6376	6426	6460
89	23408	23578	23679	23767	23762
205	16712	16819	16656	16825	17000

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		0.45 L/min

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	10.1	V	Deflect	2.6	V
Extract 2	-160.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-85	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	190	V			

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:32:46	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.07	0.00	0.07	0.00	N/A	ppb
Antimony	121-1	-0.01	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	-0.02	0.02	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	-0.01	0.03	-0.02	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.17	0.23	-0.05	0.00	N/A	ppb
Boron	11-1	0.00	0.02	-0.02	0.00	N/A	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.01	0.00	-0.01	0.00	N/A	ppb
Cadmium	106-1	0.07	-0.08	0.01	0.00	N/A	ppb
Cadmium	108-1	0.02	0.13	-0.14	0.00	N/A	ppb
Calcium	43-1	2.83	0.39	-3.23	0.00	N/A	ppb
Calcium	44-1	-0.59	0.57	0.02	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.03	-0.04	0.00	N/A	ppb
Cobalt	59-2	0.01	0.00	-0.01	0.00	N/A	ppb
Copper	63-2	0.01	0.00	0.00	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.05	-0.06	0.01	0.00	N/A	ppb
Iron	57-2	-0.26	0.08	0.18	0.00	N/A	ppb

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:32:46	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	0.29	-1.17	0.88	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.01	-0.01	0.00	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.27	0.15	0.12	0.00	N/A	ppb
Manganese	55-2	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.02	-0.02	0.00	N/A	ppb
Molybdenum	95-1	0.01	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	-0.01	0.01	0.00	N/A	ppb
Molybdenum	97-1	0.00	-0.01	0.01	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.00	-0.03	0.00	N/A	ppb
Phosphorus	31-2	-9.18	-18.42	10.61	-5.67		ppb
Potassium	39-2	0.12	-2.21	2.08	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.89	1.20	-0.31	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.17	-0.29	0.12	0.00	N/A	ppb
Silicon	28-1	-0.98	0.50	0.48	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	0.50	-0.90	0.40	0.00	N/A	ppb
Strontium	86-1	-0.09	0.03	0.06	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-488.21	126.21	27.69	-111.44		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	-0.01	0.00	0.00	N/A	ppb
Thallium	205-1	-0.01	0.00	0.00	0.00	N/A	ppb

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:32:46	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.01	0.01	-0.02	0.00	N/A	ppb
Titanium	47-1	-0.01	0.00	0.00	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.04	-0.04	0.00	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	-0.01	0.00	0.01	0.00	N/A	ppb

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:35:51	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.05	21.67	24.01	21.91	9.07	ppb
Antimony	121-1	1.92	2.02	2.20	2.05	6.89	ppb
Arsenic	75-2	0.95	0.86	1.06	0.96	10.57	ppb
Barium	135-1	9.92	10.53	10.49	10.31	3.32	ppb
Barium	137-1	9.79	10.63	10.48	10.30	4.36	ppb
Beryllium	9-1	1.06	1.06	1.12	1.08	3.33	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	10-1	21.36	26.95	26.23	24.84	12.24	ppb
Boron	11-1	23.89	25.54	25.54	24.99	3.82	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.00	1.10	1.16	1.08	7.63	ppb
Cadmium	106-1	0.45	1.18	1.62	1.08	54.94	ppb
Cadmium	108-1	0.95	1.24	1.02	1.07	13.97	ppb
Calcium	43-1	490.49	532.93	518.27	513.89	4.19	ppb
Calcium	44-1	529.32	545.87	540.87	538.69	1.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.99	2.08	2.11	2.06	3.01	ppb
Cobalt	59-2	1.07	1.08	1.06	1.07	1.15	ppb
Copper	63-2	2.00	2.17	2.11	2.09	4.09	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				99		%
Holmium	165-2				99		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	54.03	55.18	55.02	54.74	1.14	ppb
Iron	57-2	54.94	53.27	54.03	54.08	1.55	ppb

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:35:51	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	54.29	55.59	56.01	55.29	1.62	ppb
Krypton	83-1						cps
Lead	206-1	1.00	1.02	0.95	0.99	3.40	ppb
Lead	207-1	0.95	0.94	0.95	0.95	0.70	ppb
Lead	208-1	0.96	0.99	0.96	0.97	1.48	ppb
Lithium	6-1				100		%
Magnesium	24-2	514.55	517.45	513.24	515.08	0.42	ppb
Manganese	55-2	0.96	1.00	1.01	0.99	2.32	ppb
Molybdenum	94-1	4.97	5.00	4.75	4.91	2.85	ppb
Molybdenum	95-1	4.83	5.16	4.92	4.97	3.37	ppb
Molybdenum	96-1	4.84	4.88	5.10	4.94	2.75	ppb
Molybdenum	97-1	5.11	5.07	5.05	5.07	0.63	ppb
Molybdenum	98-1	5.08	5.04	5.03	5.05	0.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.07	1.14	1.16	1.12	3.88	ppb
Phosphorus	31-2	20.86	-1.02	-2.84	5.67	232.83	ppb
Potassium	39-2	527.60	543.40	535.78	535.59	1.48	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	6.02	5.54	5.57	5.71	4.75	ppb
Selenium	77-2	6.94	9.87	6.19	7.67	25.38	ppb
Selenium	78-2	6.05	5.01	5.57	5.54	9.44	ppb
Silicon	28-1	13.61	13.74	14.81	14.05	4.69	ppb
Silver	107-1	1.00	1.09	1.06	1.05	4.46	ppb
Silver	109-1	0.99	1.07	1.12	1.06	5.96	ppb
Sodium	23-2	515.14	534.26	524.77	524.72	1.82	ppb
Strontium	86-1	1.02	1.22	1.42	1.22	16.55	ppb
Strontium	88-1	1.02	1.11	1.03	1.05	4.44	ppb
Sulfur	34-1	-198.31	208.57	324.05	111.44	246.23	ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	1.01	1.02	1.02	1.02	0.17	ppb
Thallium	205-1	0.94	1.00	1.02	0.99	4.34	ppb

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:35:51	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	5.33	5.33	5.31	5.32	0.28	ppb
Titanium	47-1	5.12	5.21	4.86	5.06	3.53	ppb
Uranium	238-1	0.93	0.96	0.94	0.94	1.73	ppb
Vanadium	51-2	5.05	5.20	5.17	5.14	1.49	ppb
Yttrium	89-1				99		%
Yttrium	89-2				100		%
Zinc	66-2	2.53	2.31	1.95	2.27	12.79	ppb
Zirconium	90-1	1.02	0.95	0.98	0.98	3.76	ppb
Zirconium	91-1	1.09	0.96	1.02	1.02	6.49	ppb

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:41:59	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	998.60	1005.42	1031.61	1011.88	1.72	ppb
Antimony	121-1	49.87	50.77	50.17	50.27	0.92	ppb
Arsenic	75-2	50.76	50.42	49.96	50.38	0.80	ppb
Barium	135-1	252.40	253.93	252.91	253.08	0.31	ppb
Barium	137-1	255.17	254.14	249.59	252.97	1.17	ppb
Beryllium	9-1	51.75	51.86	52.52	52.04	0.80	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	10-1	49.96	49.45	51.32	50.24	1.92	ppb
Boron	11-1	47.01	49.90	52.32	49.74	5.35	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	52.94	52.16	53.18	52.76	1.01	ppb
Cadmium	106-1	53.66	48.80	54.43	52.30	5.84	ppb
Cadmium	108-1	51.67	52.18	51.41	51.75	0.76	ppb
Calcium	43-1	5484.53	5455.29	5573.52	5504.44	1.12	ppb
Calcium	44-1	5340.98	5406.43	5400.90	5382.77	0.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	50.23	50.17	50.54	50.31	0.39	ppb
Cobalt	59-2	51.26	50.81	51.46	51.17	0.65	ppb
Copper	63-2	502.38	497.52	502.47	500.79	0.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	2561.16	2524.32	2532.69	2539.39	0.76	ppb
Iron	57-2	2630.26	2561.98	2607.19	2599.81	1.34	ppb

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:41:59	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2710.16	2682.05	2684.65	2692.29	0.58	ppb
Krypton	83-1						cps
Lead	206-1	238.11	237.06	240.09	238.42	0.65	ppb
Lead	207-1	235.86	235.30	237.85	236.34	0.57	ppb
Lead	208-1	236.09	235.84	238.39	236.78	0.59	ppb
Lithium	6-1				100		%
Magnesium	24-2	5080.69	5071.69	5098.86	5083.75	0.27	ppb
Manganese	55-2	496.05	494.58	493.51	494.71	0.26	ppb
Molybdenum	94-1	239.39	250.00	248.28	245.89	2.32	ppb
Molybdenum	95-1	239.56	247.88	246.58	244.67	1.83	ppb
Molybdenum	96-1	240.37	248.83	246.25	245.15	1.77	ppb
Molybdenum	97-1	240.16	249.90	244.60	244.88	1.99	ppb
Molybdenum	98-1	240.23	247.71	245.51	244.48	1.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.79	50.80	51.45	51.35	0.98	ppb
Phosphorus	31-2	1022.29	1074.75	1005.94	1034.33	3.48	ppb
Potassium	39-2	2766.00	2718.48	2728.85	2737.78	0.91	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	82-1	50.51	52.97	51.54	51.67	2.39	ppb
Selenium	77-2	47.07	53.62	49.33	50.00	6.65	ppb
Selenium	78-2	52.94	47.68	51.08	50.57	5.27	ppb
Silicon	28-1	51.02	53.95	54.63	53.20	3.60	ppb
Silver	107-1	51.61	52.27	52.51	52.13	0.90	ppb
Silver	109-1	52.53	52.20	52.73	52.49	0.51	ppb
Sodium	23-2	5124.39	5104.34	5110.39	5113.04	0.20	ppb
Strontium	86-1	480.86	502.70	493.46	492.34	2.23	ppb
Strontium	88-1	484.68	492.76	489.61	489.02	0.83	ppb
Sulfur	34-1	879.09	1277.74	1391.53	1182.79	22.75	ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	49.01	49.27	49.42	49.23	0.42	ppb
Thallium	205-1	48.73	49.34	48.95	49.01	0.63	ppb

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:41:59	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	45.50	45.41	45.45	45.46	0.10	ppb
Tin	118-1	51.69	52.61	51.76	52.02	0.99	ppb
Titanium	47-1	239.88	248.71	244.46	244.35	1.81	ppb
Uranium	238-1	46.73	46.28	46.17	46.39	0.64	ppb
Vanadium	51-2	49.79	49.89	50.52	50.06	0.79	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	519.19	509.38	518.79	515.79	1.08	ppb
Zirconium	90-1	47.69	49.72	48.94	48.78	2.10	ppb
Zirconium	91-1	48.71	49.14	49.70	49.19	1.01	ppb

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:45:02	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2512.58	2484.36	2444.24	2480.40	1.38	ppb
Antimony	121-1	122.26	126.25	127.80	125.43	2.28	ppb
Arsenic	75-2	127.02	124.72	124.39	125.38	1.14	ppb
Barium	135-1	619.17	635.29	641.29	631.92	1.81	ppb
Barium	137-1	618.23	625.83	637.97	627.34	1.59	ppb
Beryllium	9-1	123.94	127.91	128.38	126.74	1.93	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	10-1	115.73	122.40	129.64	122.59	5.68	ppb
Boron	11-1	115.94	126.21	128.69	123.61	5.47	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	129.64	131.13	131.80	130.86	0.85	ppb
Cadmium	106-1	128.33	129.12	128.91	128.79	0.32	ppb
Cadmium	108-1	125.38	130.39	132.38	129.38	2.79	ppb
Calcium	43-1	12977.72	13736.50	13751.46	13488.56	3.28	ppb
Calcium	44-1	12809.66	13375.50	13516.21	13233.79	2.83	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	125.59	124.04	125.71	125.11	0.74	ppb
Cobalt	59-2	127.25	126.19	125.97	126.47	0.54	ppb
Copper	63-2	1221.28	1217.79	1212.11	1217.06	0.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	6364.11	6342.72	6300.29	6335.71	0.51	ppb
Iron	57-2	6539.04	6370.59	6480.22	6463.28	1.32	ppb

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:45:02	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	6739.45	6590.30	6657.25	6662.33	1.12	ppb
Krypton	83-1						cps
Lead	206-1	580.37	574.46	586.26	580.36	1.02	ppb
Lead	207-1	579.83	571.13	581.17	577.38	0.94	ppb
Lead	208-1	593.09	590.04	598.87	594.00	0.76	ppb
Lithium	6-1				100		%
Magnesium	24-2	12618.32	12463.69	12349.49	12477.17	1.08	ppb
Manganese	55-2	1229.66	1217.03	1213.93	1220.21	0.68	ppb
Molybdenum	94-1	603.69	622.46	621.15	615.77	1.70	ppb
Molybdenum	95-1	601.72	619.83	620.71	614.09	1.75	ppb
Molybdenum	96-1	605.74	616.50	620.09	614.11	1.22	ppb
Molybdenum	97-1	605.70	618.80	620.64	615.04	1.32	ppb
Molybdenum	98-1	597.87	618.77	617.84	611.49	1.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	128.74	127.11	127.05	127.63	0.75	ppb
Phosphorus	31-2	2604.57	2534.74	2515.41	2551.57	1.84	ppb
Potassium	39-2	6788.56	6731.75	6666.02	6728.78	0.91	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	124.96	129.33	130.57	128.29	2.30	ppb
Selenium	77-2	127.79	130.99	123.17	127.32	3.09	ppb
Selenium	78-2	128.13	126.21	129.43	127.92	1.26	ppb
Silicon	28-1	120.07	131.04	136.08	129.06	6.34	ppb
Silver	107-1	128.77	130.40	131.73	130.30	1.14	ppb
Silver	109-1	128.24	131.34	131.03	130.20	1.31	ppb
Sodium	23-2	12612.65	12697.86	12427.15	12579.22	1.10	ppb
Strontium	86-1	1204.98	1229.04	1239.08	1224.37	1.43	ppb
Strontium	88-1	1218.67	1242.27	1244.53	1235.16	1.16	ppb
Sulfur	34-1	2217.70	2916.87	3174.43	2769.66	17.87	ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	119.88	119.60	121.82	120.43	1.00	ppb
Thallium	205-1	118.56	117.55	120.82	118.97	1.41	ppb

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:45:02	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	111.38	111.89	114.09	112.45	1.28	ppb
Tin	118-1	127.69	129.42	131.40	129.50	1.43	ppb
Titanium	47-1	593.79	618.11	620.27	610.73	2.41	ppb
Uranium	238-1	114.06	113.16	114.58	113.93	0.63	ppb
Vanadium	51-2	125.61	123.03	123.04	123.90	1.20	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	1274.79	1269.02	1265.84	1269.88	0.36	ppb
Zirconium	90-1	121.72	124.00	124.18	123.30	1.11	ppb
Zirconium	91-1	123.61	125.67	124.25	124.51	0.85	ppb

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:48:04	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4862.62	4898.43	4824.17	4861.74	0.76	ppb
Antimony	121-1	244.72	247.75	248.69	247.05	0.84	ppb
Arsenic	75-2	249.08	251.62	246.72	249.14	0.98	ppb
Barium	135-1	1228.77	1241.14	1247.12	1239.01	0.76	ppb
Barium	137-1	1234.28	1242.12	1249.06	1241.82	0.60	ppb
Beryllium	9-1	250.63	252.84	252.39	251.96	0.46	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	10-1	230.42	247.22	260.02	245.89	6.04	ppb
Boron	11-1	235.80	249.25	254.39	246.48	3.89	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	257.20	258.34	260.20	258.58	0.58	ppb
Cadmium	106-1	251.70	260.68	258.05	256.81	1.80	ppb
Cadmium	108-1	249.27	261.37	258.58	256.41	2.47	ppb
Calcium	43-1	27264.62	27110.52	27450.31	27275.15	0.62	ppb
Calcium	44-1	25000.11	25541.57	25321.66	25287.78	1.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	247.54	246.59	244.46	246.20	0.64	ppb
Cobalt	59-2	248.69	250.73	247.05	248.82	0.74	ppb
Copper	63-2	2476.10	2500.59	2468.32	2481.67	0.68	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				101		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	12574.07	12584.12	12450.52	12536.24	0.59	ppb
Iron	57-2	12808.07	12841.80	12679.78	12776.55	0.67	ppb

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:48:04	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	13065.00	13166.03	13073.74	13101.59	0.43	ppb
Krypton	83-1						cps
Lead	206-1	1224.77	1229.07	1243.02	1232.29	0.77	ppb
Lead	207-1	1210.79	1215.15	1253.66	1226.53	1.92	ppb
Lead	208-1	1223.99	1227.12	1243.72	1231.61	0.86	ppb
Lithium	6-1				98		%
Magnesium	24-2	24641.68	24406.17	24421.22	24489.69	0.54	ppb
Manganese	55-2	2398.90	2394.98	2376.78	2390.22	0.49	ppb
Molybdenum	94-1	1229.03	1226.75	1234.74	1230.17	0.33	ppb
Molybdenum	95-1	1219.22	1217.28	1224.74	1220.41	0.32	ppb
Molybdenum	96-1	1211.83	1216.92	1226.71	1218.49	0.62	ppb
Molybdenum	97-1	1221.91	1222.18	1226.66	1223.58	0.22	ppb
Molybdenum	98-1	1240.01	1234.90	1225.06	1233.32	0.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	248.10	249.96	248.98	249.01	0.37	ppb
Phosphorus	31-2	4965.60	5131.35	5108.93	5068.63	1.77	ppb
Potassium	39-2	13229.98	13323.56	13104.45	13219.33	0.83	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	253.22	251.74	252.56	252.51	0.29	ppb
Selenium	77-2	253.67	238.19	254.31	248.72	3.67	ppb
Selenium	78-2	245.11	255.60	243.40	248.04	2.66	ppb
Silicon	28-1	252.34	253.57	260.90	255.60	1.81	ppb
Silver	107-1	250.91	256.56	255.32	254.26	1.17	ppb
Silver	109-1	251.15	253.29	253.18	252.54	0.48	ppb
Sodium	23-2	24739.66	25241.08	25000.92	24993.89	1.00	ppb
Strontium	86-1	2417.88	2415.34	2427.46	2420.22	0.26	ppb
Strontium	88-1	2441.79	2433.28	2462.89	2445.98	0.62	ppb
Sulfur	34-1	5216.49	4875.05	5009.32	5033.62	3.42	ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	241.26	242.42	248.50	244.06	1.59	ppb
Thallium	205-1	239.26	240.56	246.96	242.26	1.70	ppb

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:48:04	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	241.63	236.27	230.02	235.97	2.46	ppb
Tin	118-1	249.21	253.59	254.02	252.28	1.05	ppb
Titanium	47-1	1230.32	1226.58	1244.24	1233.71	0.75	ppb
Uranium	238-1	230.82	230.38	234.60	231.93	1.00	ppb
Vanadium	51-2	245.57	247.56	243.70	245.61	0.78	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	2497.43	2513.97	2473.41	2494.94	0.82	ppb
Zirconium	90-1	246.08	245.34	246.33	245.92	0.21	ppb
Zirconium	91-1	251.56	248.88	251.42	250.62	0.60	ppb

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:51:03	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9739.81	9830.36	9827.50	9799.22	0.53	ppb
Antimony	121-1	479.68	488.49	488.40	485.53	1.04	ppb
Arsenic	75-2	499.13	494.58	496.99	496.90	0.46	ppb
Barium	135-1	2403.22	2445.87	2454.21	2434.43	1.12	ppb
Barium	137-1	2485.12	2487.37	2488.36	2486.95	0.07	ppb
Beryllium	9-1	491.86	499.84	502.82	498.17	1.14	ppb
Bismuth	209-1				100		%
Bismuth	209-2				94		%
Boron	10-1	475.67	502.63	506.96	495.09	3.42	ppb
Boron	11-1	465.93	493.35	511.51	490.26	4.68	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	494.69	505.49	508.35	502.84	1.43	ppb
Cadmium	106-1	487.54	500.27	499.76	495.86	1.45	ppb
Cadmium	108-1	492.91	504.98	510.16	502.69	1.76	ppb
Calcium	43-1	54284.27	54698.89	54819.70	54600.95	0.51	ppb
Calcium	44-1	49956.52	50821.35	51260.41	50679.43	1.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	490.42	495.08	491.72	492.41	0.49	ppb
Cobalt	59-2	491.27	500.74	494.98	495.66	0.96	ppb
Copper	63-2	4895.94	5012.55	4901.34	4936.61	1.33	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				100		%
Holmium	165-2				97		%
Indium	115-1				99		%
Indium	115-2				93		%
Iron	56-2	25280.36	25590.21	25323.79	25398.12	0.66	ppb
Iron	57-2	25268.65	25915.51	25450.69	25544.95	1.31	ppb

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:51:03	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	26035.96	26456.36	26252.46	26248.26	0.80	ppb
Krypton	83-1						cps
Lead	206-1	2449.34	2451.11	2452.92	2451.12	0.07	ppb
Lead	207-1	2431.99	2424.71	2449.78	2435.49	0.53	ppb
Lead	208-1	2432.27	2446.43	2461.50	2446.73	0.60	ppb
Lithium	6-1				96		%
Magnesium	24-2	49530.58	50177.68	49448.43	49718.90	0.80	ppb
Manganese	55-2	4864.00	4917.53	4921.65	4901.06	0.66	ppb
Molybdenum	94-1	2455.63	2491.52	2482.58	2476.58	0.75	ppb
Molybdenum	95-1	2440.61	2457.49	2485.57	2461.22	0.92	ppb
Molybdenum	96-1	2424.88	2475.04	2481.43	2460.45	1.26	ppb
Molybdenum	97-1	2390.41	2438.07	2454.20	2427.56	1.37	ppb
Molybdenum	98-1	2434.83	2481.95	2491.76	2469.51	1.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	488.89	501.48	498.38	496.25	1.32	ppb
Phosphorus	31-2	10183.52	10091.92	9924.12	10066.52	1.31	ppb
Potassium	39-2	24932.47	25319.68	25168.36	25140.17	0.78	ppb
Rhodium	103-1				95		%
Rhodium	103-2				93		%
Scandium	45-1				96		%
Scandium	45-2				93		%
Selenium	82-1	493.64	500.29	496.67	496.87	0.67	ppb
Selenium	77-2	501.21	520.55	497.18	506.32	2.47	ppb
Selenium	78-2	491.29	494.64	493.98	493.30	0.36	ppb
Silicon	28-1	487.79	502.38	510.25	500.14	2.28	ppb
Silver	107-1	487.06	495.27	496.90	493.08	1.07	ppb
Silver	109-1	491.03	492.66	493.67	492.45	0.27	ppb
Sodium	23-2	50590.34	50858.31	49795.71	50414.78	1.10	ppb
Strontium	86-1	4893.54	4959.30	4972.74	4941.86	0.86	ppb
Strontium	88-1	4868.08	4946.70	4970.97	4928.58	1.09	ppb
Sulfur	34-1	9780.97	9830.67	9936.45	9849.36	0.81	ppb
Terbium	159-1				101		%
Terbium	159-2				97		%
Thallium	203-1	470.94	480.43	482.82	478.07	1.31	ppb
Thallium	205-1	483.91	493.58	493.81	490.43	1.15	ppb

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:51:03	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	475.96	490.94	483.43	483.45	1.55	ppb
Tin	118-1	494.96	495.56	503.12	497.88	0.91	ppb
Titanium	47-1	2445.12	2468.68	2467.46	2460.42	0.54	ppb
Uranium	238-1	479.49	486.70	489.63	485.27	1.08	ppb
Vanadium	51-2	491.44	499.03	490.90	493.79	0.92	ppb
Yttrium	89-1				98		%
Yttrium	89-2				95		%
Zinc	66-2	4939.32	5047.94	4986.82	4991.36	1.09	ppb
Zirconium	90-1	481.48	492.57	494.40	489.48	1.43	ppb
Zirconium	91-1	489.06	497.80	500.01	495.62	1.17	ppb

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:53:56	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20243.10	19596.72	19433.06	19757.62	2.17	ppb
Antimony	121-1	1003.63	988.33	1031.76	1007.91	2.19	ppb
Arsenic	75-2	1020.57	991.48	993.04	1001.70	1.63	ppb
Barium	135-1	5055.59	4888.10	5159.85	5034.51	2.72	ppb
Barium	137-1	5005.08	4942.52	5076.78	5008.13	1.34	ppb
Beryllium	9-1	993.84	1006.93	999.54	1000.10	0.66	ppb
Bismuth	209-1				94		%
Bismuth	209-2				90		%
Boron	10-1	967.73	1020.79	1022.81	1003.78	3.11	ppb
Boron	11-1	971.80	1016.84	1029.17	1005.94	3.00	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	987.03	974.92	1024.74	995.56	2.61	ppb
Cadmium	106-1	982.95	986.30	1030.10	999.78	2.63	ppb
Cadmium	108-1	991.95	981.67	1015.63	996.42	1.75	ppb
Calcium	43-1	109836.75	111397.60	111586.65	110940.33	0.87	ppb
Calcium	44-1	104033.37	104104.11	105005.78	104381.08	0.52	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1033.05	993.89	987.21	1004.72	2.46	ppb
Cobalt	59-2	1026.01	992.02	988.63	1002.22	2.06	ppb
Copper	63-2	10277.94	10027.71	9815.42	10040.35	2.31	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				96		%
Holmium	165-2				94		%
Indium	115-1				91		%
Indium	115-2				87		%
Iron	56-2	53592.60	51606.97	50953.78	52051.12	2.64	ppb
Iron	57-2	53188.54	51874.66	51238.25	52100.48	1.91	ppb

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:53:56	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	54350.02	52429.13	51764.00	52847.72	2.54	ppb
Krypton	83-1						cps
Lead	206-1	4983.94	5094.08	5027.06	5035.03	1.10	ppb
Lead	207-1	4999.51	5073.17	5061.59	5044.76	0.79	ppb
Lead	208-1	4981.47	5062.60	5063.23	5035.77	0.93	ppb
Lithium	6-1				90		%
Magnesium	24-2	103443.71	99608.45	99228.43	100760.20	2.31	ppb
Manganese	55-2	10296.26	10090.02	9856.43	10080.90	2.18	ppb
Molybdenum	94-1	4979.82	4982.14	5092.12	5018.03	1.28	ppb
Molybdenum	95-1	5017.05	4984.37	5083.83	5028.41	1.01	ppb
Molybdenum	96-1	5036.48	4971.99	5079.30	5029.26	1.07	ppb
Molybdenum	97-1	5011.95	5018.10	5102.93	5044.33	1.01	ppb
Molybdenum	98-1	4990.94	4991.27	5081.93	5021.38	1.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1023.84	995.50	985.84	1001.73	1.97	ppb
Phosphorus	31-2	20576.82	19736.28	19511.16	19941.42	2.82	ppb
Potassium	39-2	52003.19	50679.52	50049.56	50910.76	1.96	ppb
Rhodium	103-1				88		%
Rhodium	103-2				87		%
Scandium	45-1				89		%
Scandium	45-2				86		%
Selenium	82-1	994.69	1003.93	1002.71	1000.44	0.50	ppb
Selenium	77-2	1001.78	994.33	994.47	996.86	0.43	ppb
Selenium	78-2	1013.11	994.57	1002.65	1003.44	0.93	ppb
Silicon	28-1	982.51	993.27	1017.67	997.82	1.81	ppb
Silver	107-1	995.92	985.19	1023.77	1001.63	1.99	ppb
Silver	109-1	996.83	981.55	1028.71	1002.36	2.40	ppb
Sodium	23-2	106313.41	101470.34	100908.75	102897.50	2.89	ppb
Strontium	86-1	10148.89	9937.64	10071.27	10052.60	1.06	ppb
Strontium	88-1	9974.72	10055.91	10124.22	10051.62	0.74	ppb
Sulfur	34-1	20087.45	19752.82	20231.93	20024.07	1.23	ppb
Terbium	159-1				96		%
Terbium	159-2				94		%
Thallium	203-1	1000.78	1024.66	1013.74	1013.06	1.18	ppb
Thallium	205-1	996.76	1016.13	1009.67	1007.52	0.98	ppb

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:53:56	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	1000.15	1022.46	1018.14	1013.58	1.17	ppb
Tin	118-1	991.55	983.49	1024.43	999.83	2.17	ppb
Titanium	47-1	4963.67	5036.90	5077.22	5025.93	1.15	ppb
Uranium	238-1	1000.33	1016.30	1023.70	1013.44	1.18	ppb
Vanadium	51-2	1034.63	990.64	987.75	1004.34	2.62	ppb
Yttrium	89-1				92		%
Yttrium	89-2				89		%
Zinc	66-2	10207.95	9943.82	9855.17	10002.31	1.83	ppb
Zirconium	90-1	1014.52	993.36	1011.77	1006.55	1.14	ppb
Zirconium	91-1	1002.66	990.62	1013.14	1002.14	1.12	ppb

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:56:48	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100295.62	99151.70	100780.19	100075.84	0.84	ppb
Antimony	121-1	0.77	0.86	0.75	0.79	7.69	ppb
Arsenic	75-2	0.50	0.50	0.54	0.51	4.29	ppb
Barium	135-1	2.16	2.24	2.21	2.20	1.82	ppb
Barium	137-1	2.25	2.48	2.31	2.35	5.13	ppb
Beryllium	9-1	0.28	0.23	0.29	0.26	11.89	ppb
Bismuth	209-1				87		%
Bismuth	209-2				86		%
Boron	10-1	47.79	43.30	37.60	42.89	11.91	ppb
Boron	11-1	49.35	44.17	41.05	44.85	9.35	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.30	0.22	0.20	0.24	21.13	ppb
Cadmium	106-1	0.39	-0.81	-0.37	-0.26		ppb
Cadmium	108-1	0.18	0.60	0.83	0.54	62.11	ppb
Calcium	43-1	494135.01	486904.13	510585.78	497208.31	2.44	ppb
Calcium	44-1	493508.52	494980.03	508569.17	499019.24	1.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6.35	6.26	6.42	6.34	1.24	ppb
Cobalt	59-2	1.51	1.56	1.59	1.56	2.61	ppb
Copper	63-2	6.85	6.79	6.78	6.81	0.62	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				96		%
Holmium	165-2				96		%
Indium	115-1				90		%
Indium	115-2				90		%
Iron	56-2	250876.16	247955.83	249804.85	249545.62	0.59	ppb
Iron	57-2	250620.68	249300.22	248594.85	249505.25	0.41	ppb

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:56:48	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	248363.00	246762.25	252664.71	249263.32	1.22	ppb
Krypton	83-1						cps
Lead	206-1	10.28	11.17	11.53	10.99	5.84	ppb
Lead	207-1	10.39	11.34	11.31	11.01	4.91	ppb
Lead	208-1	10.42	11.43	11.44	11.10	5.29	ppb
Lithium	6-1				89		%
Magnesium	24-2	499626.43	495780.54	504296.95	499901.30	0.85	ppb
Manganese	55-2	6.55	6.35	6.35	6.41	1.82	ppb
Molybdenum	94-1	1.96	1.86	1.93	1.92	2.86	ppb
Molybdenum	95-1	2.27	2.13	2.23	2.21	3.20	ppb
Molybdenum	96-1	2.49	2.39	2.38	2.42	2.54	ppb
Molybdenum	97-1	2.17	2.10	1.95	2.08	5.36	ppb
Molybdenum	98-1	2.16	2.09	2.00	2.08	3.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.42	3.37	3.39	3.39	0.65	ppb
Phosphorus	31-2	15.16	7.14	23.72	15.34	54.06	ppb
Potassium	39-2	250339.28	247079.65	251841.41	249753.45	0.97	ppb
Rhodium	103-1				85		%
Rhodium	103-2				86		%
Scandium	45-1				89		%
Scandium	45-2				92		%
Selenium	82-1	0.81	0.62	-0.01	0.48	90.11	ppb
Selenium	77-2	0.00	0.44	0.44	0.29	86.60	ppb
Selenium	78-2	0.22	0.38	0.16	0.25	45.52	ppb
Silicon	28-1	31.34	36.89	40.29	36.17	12.50	ppb
Silver	107-1	0.32	0.35	0.33	0.33	4.62	ppb
Silver	109-1	0.34	0.36	0.35	0.35	3.90	ppb
Sodium	23-2	497987.22	503170.83	496970.52	499376.19	0.67	ppb
Strontium	86-1	3.66	3.60	3.82	3.69	3.11	ppb
Strontium	88-1	3.81	3.79	3.83	3.81	0.54	ppb
Sulfur	34-1	-139.68	134.23	309.46	101.34	223.38	ppb
Terbium	159-1				96		%
Terbium	159-2				95		%
Thallium	203-1	0.33	0.33	0.28	0.32	10.16	ppb
Thallium	205-1	0.37	0.30	0.30	0.33	11.04	ppb

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:56:48	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.30	0.31	0.27	0.29	6.69	ppb
Tin	118-1	0.67	0.73	0.75	0.72	5.23	ppb
Titanium	47-1	1.29	1.71	1.57	1.52	13.98	ppb
Uranium	238-1	0.21	0.24	0.25	0.23	7.90	ppb
Vanadium	51-2	0.29	0.27	0.24	0.27	8.39	ppb
Yttrium	89-1				92		%
Yttrium	89-2				94		%
Zinc	66-2	24.45	24.71	24.59	24.58	0.52	ppb
Zirconium	90-1	0.27	0.30	0.29	0.28	5.56	ppb
Zirconium	91-1	0.24	0.30	0.29	0.28	13.19	ppb

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 16:17:23	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	506.25	498.82	490.84	498.64	1.55	ppb
Antimony	121-1	183.27	190.60	191.16	188.34	2.34	ppb
Arsenic	75-2	197.33	195.19	195.24	195.92	0.63	ppb
Barium	135-1	95.96	99.40	98.25	97.87	1.79	ppb
Barium	137-1	95.55	99.00	99.06	97.87	2.05	ppb
Beryllium	9-1	92.78	98.28	97.45	96.17	3.08	ppb
Bismuth	209-1				104		%
Bismuth	209-2				98		%
Boron	10-1	517.47	548.26	573.62	546.45	5.14	ppb
Boron	11-1	497.30	555.11	577.57	543.32	7.62	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	102.75	105.65	107.19	105.20	2.14	ppb
Cadmium	106-1	174.68	179.55	182.15	178.79	2.12	ppb
Cadmium	108-1	153.13	161.91	162.21	159.08	3.24	ppb
Calcium	43-1	2230.10	2261.06	2269.90	2253.69	0.93	ppb
Calcium	44-1	2125.87	2191.45	2187.40	2168.24	1.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	97.56	97.04	95.77	96.79	0.95	ppb
Cobalt	59-2	100.08	99.64	99.30	99.68	0.39	ppb
Copper	63-2	100.24	99.89	99.19	99.77	0.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				94		%
Iron	56-2	1970.76	1958.15	1971.43	1966.78	0.38	ppb
Iron	57-2	2011.68	2005.71	1995.04	2004.14	0.42	ppb

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 16:17:23	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2095.97	2079.61	2087.29	2087.62	0.39	ppb
Krypton	83-1						cps
Lead	206-1	199.47	208.34	204.59	204.13	2.18	ppb
Lead	207-1	185.23	192.60	189.17	189.00	1.95	ppb
Lead	208-1	192.36	200.59	196.22	196.39	2.10	ppb
Lithium	6-1				95		%
Magnesium	24-2	1155.24	1155.46	1153.19	1154.63	0.11	ppb
Manganese	55-2	95.33	94.87	94.28	94.83	0.56	ppb
Molybdenum	94-1	2471.75	2505.98	2549.64	2509.12	1.56	ppb
Molybdenum	95-1	2409.87	2427.09	2485.57	2440.84	1.63	ppb
Molybdenum	96-1	2406.73	2439.79	2458.51	2435.01	1.08	ppb
Molybdenum	97-1	2336.71	2387.63	2431.34	2385.23	1.99	ppb
Molybdenum	98-1	2377.34	2407.86	2460.02	2415.07	1.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	101.76	101.35	101.18	101.43	0.30	ppb
Phosphorus	31-2	8.50	-7.95	-7.46	-2.31		ppb
Potassium	39-2	2010.90	2010.89	1996.08	2005.96	0.43	ppb
Rhodium	103-1				99		%
Rhodium	103-2				96		%
Scandium	45-1				95		%
Scandium	45-2				93		%
Selenium	82-1	194.07	199.71	200.38	198.05	1.75	ppb
Selenium	77-2	190.88	201.42	207.54	199.95	4.21	ppb
Selenium	78-2	202.34	202.41	199.14	201.30	0.93	ppb
Silicon	28-1	11.50	15.62	15.52	14.21	16.52	ppb
Silver	107-1	47.01	48.90	49.19	48.36	2.45	ppb
Silver	109-1	46.35	48.74	49.43	48.17	3.36	ppb
Sodium	23-2	1966.33	1944.04	1954.67	1955.01	0.57	ppb
Strontium	86-1	508.28	522.27	522.02	517.52	1.55	ppb
Strontium	88-1	513.13	520.93	521.92	518.66	0.93	ppb
Sulfur	34-1	-1378.82	-1337.74	-1390.11	-1368.89		ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	199.03	204.77	203.08	202.29	1.46	ppb
Thallium	205-1	196.76	204.75	202.33	201.28	2.04	ppb

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 16:17:23	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	493.79	512.28	502.34	502.80	1.84	ppb
Tin	118-1	532.58	553.95	550.71	545.75	2.11	ppb
Titanium	47-1	2407.25	2438.90	2461.05	2435.73	1.11	ppb
Uranium	238-1	493.64	504.50	498.78	498.98	1.09	ppb
Vanadium	51-2	95.36	94.34	94.03	94.58	0.74	ppb
Yttrium	89-1				99		%
Yttrium	89-2				95		%
Zinc	66-2	197.86	195.73	195.23	196.27	0.71	ppb
Zirconium	90-1	519.72	538.99	531.64	530.12	1.83	ppb
Zirconium	91-1	522.41	531.12	536.96	530.16	1.38	ppb

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 16:36:34	DataFile Name :	015LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.44	20.62	22.15	21.74	4.49	ppb
Antimony	121-1	1.88	1.97	1.95	1.93	2.57	ppb
Arsenic	75-2	0.96	0.88	0.84	0.89	7.01	ppb
Barium	135-1	9.71	10.34	10.01	10.02	3.12	ppb
Barium	137-1	9.85	10.18	10.24	10.09	2.12	ppb
Beryllium	9-1	0.89	0.96	0.97	0.94	4.73	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Boron	10-1	26.40	31.17	29.08	28.89	8.28	ppb
Boron	11-1	27.24	29.17	30.13	28.84	5.10	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.89	0.94	1.15	0.99	13.84	ppb
Cadmium	106-1	-0.74	-1.41	0.64	-0.50		ppb
Cadmium	108-1	0.85	0.60	0.23	0.56	56.20	ppb
Calcium	43-1	520.31	510.14	476.51	502.32	4.56	ppb
Calcium	44-1	518.72	528.41	536.55	527.90	1.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.99	2.05	2.02	2.02	1.47	ppb
Cobalt	59-2	1.04	1.00	1.03	1.02	2.02	ppb
Copper	63-2	2.02	2.05	2.04	2.04	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				102		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	56-2	53.88	52.99	54.03	53.64	1.05	ppb
Iron	57-2	49.86	52.83	52.33	51.68	3.07	ppb

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 16:36:34	DataFile Name :	015LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	54.47	58.18	54.10	55.58	4.06	ppb
Krypton	83-1						cps
Lead	206-1	1.06	1.02	1.11	1.07	3.98	ppb
Lead	207-1	0.98	1.06	1.02	1.02	4.02	ppb
Lead	208-1	1.01	1.03	1.07	1.04	2.86	ppb
Lithium	6-1				94		%
Magnesium	24-2	505.59	499.40	497.60	500.86	0.84	ppb
Manganese	55-2	1.03	0.93	1.01	0.99	5.34	ppb
Molybdenum	94-1	4.82	4.73	4.75	4.77	0.94	ppb
Molybdenum	95-1	4.76	4.66	4.88	4.77	2.26	ppb
Molybdenum	96-1	4.87	4.73	4.87	4.82	1.72	ppb
Molybdenum	97-1	4.86	4.90	4.72	4.83	1.95	ppb
Molybdenum	98-1	4.69	4.88	4.78	4.78	1.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.07	1.02	1.06	1.05	2.93	ppb
Phosphorus	31-2	-7.84	6.06	-7.60	-3.13		ppb
Potassium	39-2	518.84	529.54	530.32	526.23	1.22	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				96		%
Scandium	45-2				97		%
Selenium	82-1	5.17	4.16	3.89	4.41	15.27	ppb
Selenium	77-2	4.61	7.48	3.75	5.28	36.96	ppb
Selenium	78-2	4.23	5.23	6.00	5.15	17.26	ppb
Silicon	28-1	3.52	5.69	5.53	4.91	24.53	ppb
Silver	107-1	0.95	0.98	1.03	0.98	4.06	ppb
Silver	109-1	1.04	1.00	0.93	0.99	5.41	ppb
Sodium	23-2	515.02	510.28	519.48	514.93	0.89	ppb
Strontium	86-1	1.05	0.91	1.09	1.02	9.24	ppb
Strontium	88-1	0.96	1.02	1.03	1.00	3.54	ppb
Sulfur	34-1	-700.93	-49.95	-107.20	-286.03		ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	0.82	0.86	0.91	0.86	5.60	ppb
Thallium	205-1	0.86	0.92	0.90	0.89	3.54	ppb

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 16:36:34	DataFile Name :	015LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	73.15	ppb
Tin	118-1	5.01	5.09	5.29	5.13	2.88	ppb
Titanium	47-1	5.15	4.91	4.90	4.99	2.80	ppb
Uranium	238-1	0.88	0.92	0.92	0.91	2.68	ppb
Vanadium	51-2	5.04	5.07	4.99	5.03	0.79	ppb
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	2.22	2.41	2.36	2.33	4.17	ppb
Zirconium	90-1	0.99	1.01	0.96	0.99	2.69	ppb
Zirconium	91-1	1.03	1.05	0.97	1.02	3.97	ppb

LB Number : LB114690 Operator : JASWAL
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2021-05-27 16:39:39 DataFile Name : 016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.02	-0.20	0.02	-0.05		ppb
Antimony	121-1	0.00	0.00	-0.01	0.00		ppb
Arsenic	75-2	-0.02	-0.04	-0.02	-0.03		ppb
Barium	135-1	-0.03	-0.03	-0.04	-0.03		ppb
Barium	137-1	-0.01	-0.01	0.00	-0.01		ppb
Beryllium	9-1	-0.01	0.02	0.00	0.00	629.96	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Boron	10-1	5.41	5.74	4.23	5.13	15.41	ppb
Boron	11-1	5.13	5.24	5.19	5.19	0.98	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.14	-0.11	-0.07	-0.11		ppb
Cadmium	106-1	-1.78	-1.44	-0.92	-1.38		ppb
Cadmium	108-1	-0.51	-0.51	-0.39	-0.47		ppb
Calcium	43-1	1.99	-0.32	1.06	0.91	127.30	ppb
Calcium	44-1	-0.16	1.82	0.53	0.73	137.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	-0.01	0.00	-0.01		ppb
Cobalt	59-2	-0.01	0.00	0.00	0.00		ppb
Copper	63-2	0.02	-0.01	-0.03	-0.01		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				100		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	0.07	0.02	0.12	0.07	74.71	ppb
Iron	57-2	-0.29	-0.13	-0.29	-0.24		ppb

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 16:39:39	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	-1.38	0.46	0.46	-0.15		ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.08	0.07	0.07	18.45	ppb
Lead	207-1	0.05	0.06	0.08	0.07	21.35	ppb
Lead	208-1	0.06	0.08	0.07	0.07	14.23	ppb
Lithium	6-1				94		%
Magnesium	24-2	0.34	0.33	0.37	0.35	6.46	ppb
Manganese	55-2	-0.01	-0.02	-0.01	-0.01		ppb
Molybdenum	94-1	0.04	0.01	0.01	0.02	97.97	ppb
Molybdenum	95-1	0.01	0.00	0.00	0.00	224.44	ppb
Molybdenum	96-1	0.01	0.00	0.00	0.00	266.39	ppb
Molybdenum	97-1	0.00	0.01	0.00	0.00	226.99	ppb
Molybdenum	98-1	0.00	0.00	-0.01	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.02	-0.03	-0.03		ppb
Phosphorus	31-2	-12.78	-7.92	0.29	-6.80		ppb
Potassium	39-2	-2.00	-2.61	-5.55	-3.39		ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	82-1	-0.99	0.44	0.23	-0.11		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.66	0.07	1.13	0.62	85.74	ppb
Silicon	28-1	-6.26	-5.82	-5.01	-5.70		ppb
Silver	107-1	0.01	0.01	0.01	0.01	26.40	ppb
Silver	109-1	0.02	0.01	0.01	0.01	39.30	ppb
Sodium	23-2	10.76	9.10	10.29	10.05	8.47	ppb
Strontium	86-1	0.02	-0.13	-0.02	-0.04		ppb
Strontium	88-1	-0.01	-0.01	0.00	0.00		ppb
Sulfur	34-1	-294.96	27.88	-229.26	-165.45		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	-0.09	-0.09	-0.10	-0.09		ppb
Thallium	205-1	-0.09	-0.09	-0.09	-0.09		ppb

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 16:39:39	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	-0.04	-0.01	-0.01	-0.02		ppb
Titanium	47-1	-0.03	-0.06	-0.10	-0.06		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	-0.01	-0.01	-0.01		ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	-0.05	0.16	-0.03	0.03	431.45	ppb
Zirconium	90-1	-0.01	0.01	0.00	0.00		ppb
Zirconium	91-1	0.03	0.03	0.00	0.02	66.91	ppb

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 16:42:44	DataFile Name :	017ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90710.30	90088.58	90550.10	90449.66	0.36	ppb
Antimony	121-1	1.06	1.16	1.04	1.09	5.89	ppb
Arsenic	75-2	0.29	0.40	0.26	0.32	23.86	ppb
Barium	135-1	1.30	1.34	1.37	1.34	2.44	ppb
Barium	137-1	1.35	1.33	1.52	1.40	7.51	ppb
Beryllium	9-1	0.27	0.30	0.24	0.27	11.60	ppb
Bismuth	209-1				98		%
Bismuth	209-2				94		%
Boron	10-1	4.08	4.55	5.98	4.87	20.27	ppb
Boron	11-1	4.76	5.30	5.33	5.13	6.25	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.40	0.36	0.39	0.38	5.19	ppb
Cadmium	106-1	-2.32	-2.17	-3.10	-2.53		ppb
Cadmium	108-1	14.93	15.75	15.40	15.36	2.68	ppb
Calcium	43-1	100535.96	102874.44	102279.84	101896.75	1.19	ppb
Calcium	44-1	96043.12	97711.89	97843.44	97199.48	1.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.54	19.55	19.49	19.53	0.18	ppb
Cobalt	59-2	1.15	1.12	1.13	1.14	1.33	ppb
Copper	63-2	8.01	8.03	8.12	8.05	0.76	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				101		%
Indium	115-1				98		%
Indium	115-2				95		%
Iron	56-2	100010.76	99441.97	101505.38	100319.37	1.06	ppb
Iron	57-2	100497.20	100301.39	100807.24	100535.28	0.25	ppb

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 16:42:44	DataFile Name :	017ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	99391.33	99250.85	100854.85	99832.34	0.89	ppb
Krypton	83-1						cps
Lead	206-1	5.87	6.02	5.77	5.89	2.20	ppb
Lead	207-1	5.32	5.11	4.97	5.13	3.43	ppb
Lead	208-1	5.51	5.49	5.32	5.44	1.91	ppb
Lithium	6-1				89		%
Magnesium	24-2	92747.63	92206.65	93026.19	92660.16	0.45	ppb
Manganese	55-2	7.51	7.34	7.30	7.38	1.46	ppb
Molybdenum	94-1	1264.74	1290.37	1283.32	1279.48	1.04	ppb
Molybdenum	95-1	1843.75	1854.68	1858.60	1852.34	0.42	ppb
Molybdenum	96-1	1769.68	1790.74	1785.65	1782.02	0.62	ppb
Molybdenum	97-1	1790.48	1830.69	1809.17	1810.11	1.11	ppb
Molybdenum	98-1	1806.89	1866.18	1841.67	1838.25	1.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.35	5.48	5.54	5.46	1.73	ppb
Phosphorus	31-2	95012.95	96563.66	95965.58	95847.40	0.82	ppb
Potassium	39-2	95621.14	95605.76	96276.05	95834.32	0.40	ppb
Rhodium	103-1				94		%
Rhodium	103-2				94		%
Scandium	45-1				93		%
Scandium	45-2				94		%
Selenium	82-1	-2.05	-1.03	-1.82	-1.63		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.41	0.14	0.32	0.29	46.67	ppb
Silicon	28-1	15.98	18.22	15.91	16.70	7.89	ppb
Silver	107-1	0.03	0.04	0.04	0.04	12.65	ppb
Silver	109-1	0.04	0.04	0.03	0.04	10.26	ppb
Sodium	23-2	97906.59	97343.89	98643.20	97964.56	0.67	ppb
Strontium	86-1	33.27	33.23	33.90	33.47	1.12	ppb
Strontium	88-1	33.22	34.08	33.40	33.56	1.36	ppb
Sulfur	34-1	93062.19	94298.84	94600.26	93987.10	0.87	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	0.11	0.14	0.13	0.13	14.18	ppb
Thallium	205-1	0.14	0.14	0.12	0.13	9.57	ppb

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 16:42:44	DataFile Name :	017ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.01	0.01	0.01	18.49	ppb
Tin	118-1	0.14	0.17	0.15	0.16	10.00	ppb
Titanium	47-1	1964.15	1986.13	1987.49	1979.25	0.66	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	23.24	ppb
Vanadium	51-2	0.14	0.14	0.14	0.14	1.05	ppb
Yttrium	89-1				97		%
Yttrium	89-2				97		%
Zinc	66-2	11.30	11.18	11.43	11.30	1.10	ppb
Zirconium	90-1	0.04	0.05	0.04	0.04	10.00	ppb
Zirconium	91-1	0.07	0.05	0.07	0.06	19.56	ppb

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 16:45:45	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89539.81	89262.19	89714.74	89505.58	0.25	ppb
Antimony	121-1	20.46	20.63	20.76	20.62	0.73	ppb
Arsenic	75-2	20.20	20.02	19.73	19.99	1.19	ppb
Barium	135-1	20.75	21.45	20.98	21.06	1.70	ppb
Barium	137-1	20.99	21.16	21.53	21.23	1.31	ppb
Beryllium	9-1	19.47	19.88	19.63	19.66	1.05	ppb
Bismuth	209-1				99		%
Bismuth	209-2				95		%
Boron	10-1	53.12	56.06	58.51	55.89	4.83	ppb
Boron	11-1	55.67	58.41	60.52	58.20	4.18	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	20.49	20.28	20.30	20.36	0.56	ppb
Cadmium	106-1	26.31	20.94	23.42	23.56	11.39	ppb
Cadmium	108-1	35.10	36.12	38.25	36.49	4.40	ppb
Calcium	43-1	100210.23	103287.69	102635.00	102044.31	1.59	ppb
Calcium	44-1	96498.18	97938.29	98315.61	97584.03	0.98	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.50	39.32	39.60	39.14	1.45	ppb
Cobalt	59-2	21.18	21.09	21.14	21.14	0.21	ppb
Copper	63-2	27.63	27.97	27.72	27.78	0.63	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				100		%
Indium	115-2				98		%
Iron	56-2	98645.66	98697.43	99500.47	98947.85	0.48	ppb
Iron	57-2	98990.06	99089.75	99251.86	99110.55	0.13	ppb

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 16:45:45	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	99561.72	99269.18	99712.07	99514.32	0.23	ppb
Krypton	83-1						cps
Lead	206-1	24.06	24.96	25.12	24.71	2.32	ppb
Lead	207-1	22.45	22.53	22.95	22.64	1.18	ppb
Lead	208-1	23.19	23.70	23.78	23.56	1.36	ppb
Lithium	6-1				88		%
Magnesium	24-2	91958.12	90633.64	92273.95	91621.90	0.95	ppb
Manganese	55-2	26.14	26.36	26.61	26.37	0.89	ppb
Molybdenum	94-1	1372.24	1376.09	1385.58	1377.97	0.50	ppb
Molybdenum	95-1	1878.02	1867.02	1868.68	1871.24	0.32	ppb
Molybdenum	96-1	1809.86	1814.74	1818.33	1814.31	0.23	ppb
Molybdenum	97-1	1823.85	1841.02	1843.51	1836.13	0.58	ppb
Molybdenum	98-1	1847.77	1871.65	1879.92	1866.44	0.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.99	25.07	24.81	24.96	0.53	ppb
Phosphorus	31-2	95399.35	94113.94	96457.30	95323.53	1.23	ppb
Potassium	39-2	96055.87	94414.29	96194.80	95554.99	1.04	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				95		%
Scandium	45-2				96		%
Selenium	82-1	19.22	19.62	18.41	19.08	3.22	ppb
Selenium	77-2	29.63	23.42	17.66	23.57	25.40	ppb
Selenium	78-2	20.68	21.22	20.55	20.82	1.71	ppb
Silicon	28-1	59.80	66.08	63.79	63.22	5.03	ppb
Silver	107-1	18.78	18.71	18.90	18.80	0.50	ppb
Silver	109-1	18.87	18.35	18.87	18.70	1.60	ppb
Sodium	23-2	97403.57	96483.51	97686.51	97191.20	0.65	ppb
Strontium	86-1	81.20	81.85	82.67	81.91	0.90	ppb
Strontium	88-1	81.57	81.91	82.90	82.13	0.84	ppb
Sulfur	34-1	91258.75	94992.33	93964.93	93405.34	2.06	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	19.28	20.43	19.89	19.86	2.89	ppb
Thallium	205-1	19.21	19.75	19.99	19.65	2.04	ppb

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 16:45:45	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	46.26	46.78	47.66	46.90	1.52	ppb
Tin	118-1	50.31	50.40	50.70	50.47	0.41	ppb
Titanium	47-1	1988.27	2031.52	2039.04	2019.61	1.36	ppb
Uranium	238-1	46.71	47.35	48.17	47.41	1.54	ppb
Vanadium	51-2	19.12	19.20	19.53	19.28	1.14	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	30.55	30.98	30.95	30.83	0.77	ppb
Zirconium	90-1	48.95	49.82	49.81	49.53	1.00	ppb
Zirconium	91-1	49.72	50.10	49.62	49.82	0.51	ppb

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	CCV13	Instrumnet Name :	P7
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 16:48:46	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47797.80	48601.07	48322.44	48240.43	0.85	ppb
Antimony	121-1	468.32	474.44	489.66	477.48	2.30	ppb
Arsenic	75-2	488.20	490.80	489.02	489.34	0.27	ppb
Barium	135-1	2375.10	2436.13	2456.51	2422.58	1.75	ppb
Barium	137-1	2429.00	2490.39	2535.19	2484.86	2.15	ppb
Beryllium	9-1	503.81	507.44	513.39	508.21	0.95	ppb
Bismuth	209-1				97		%
Bismuth	209-2				90		%
Boron	10-1	492.99	522.73	553.75	523.16	5.81	ppb
Boron	11-1	501.53	514.02	531.54	515.69	2.92	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	475.29	483.41	493.06	483.92	1.84	ppb
Cadmium	106-1	474.43	483.56	484.43	480.81	1.15	ppb
Cadmium	108-1	468.90	483.69	496.42	483.00	2.85	ppb
Calcium	43-1	254601.98	260638.15	259348.46	258196.20	1.23	ppb
Calcium	44-1	245472.05	247882.10	250724.19	248026.12	1.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	488.80	491.94	491.45	490.73	0.34	ppb
Cobalt	59-2	484.73	488.49	490.30	487.84	0.58	ppb
Copper	63-2	4757.93	4826.19	4841.41	4808.51	0.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				93		%
Iron	56-2	126182.06	124719.58	126326.04	125742.56	0.71	ppb
Iron	57-2	125288.77	125018.42	125267.47	125191.56	0.12	ppb

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	CCV13	Instrumnet Name :	P7
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 16:48:46	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	125275.52	126454.69	127969.94	126566.72	1.07	ppb
Krypton	83-1						cps
Lead	206-1	2492.29	2507.20	2479.32	2492.94	0.56	ppb
Lead	207-1	2467.97	2496.31	2479.10	2481.13	0.58	ppb
Lead	208-1	2474.54	2486.18	2480.13	2480.28	0.23	ppb
Lithium	6-1				86		%
Magnesium	24-2	242222.55	244941.31	245086.32	244083.39	0.66	ppb
Manganese	55-2	4878.08	4896.31	4877.37	4883.92	0.22	ppb
Molybdenum	94-1	2448.39	2450.92	2462.91	2454.07	0.32	ppb
Molybdenum	95-1	2441.13	2422.77	2436.95	2433.62	0.40	ppb
Molybdenum	96-1	2408.82	2448.60	2437.07	2431.50	0.84	ppb
Molybdenum	97-1	2368.37	2407.77	2399.17	2391.77	0.87	ppb
Molybdenum	98-1	2401.98	2447.64	2395.27	2414.96	1.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	480.69	483.60	480.50	481.60	0.36	ppb
Phosphorus	31-2	9661.91	10062.29	10304.11	10009.44	3.24	ppb
Potassium	39-2	122049.82	123495.20	123486.19	123010.40	0.68	ppb
Rhodium	103-1				93		%
Rhodium	103-2				91		%
Scandium	45-1				94		%
Scandium	45-2				93		%
Selenium	82-1	472.58	481.72	480.82	478.37	1.05	ppb
Selenium	77-2	493.83	510.65	509.99	504.82	1.89	ppb
Selenium	78-2	486.84	496.17	488.50	490.51	1.02	ppb
Silicon	28-1	568.70	625.96	659.16	617.94	7.40	ppb
Silver	107-1	461.10	468.06	477.62	468.93	1.77	ppb
Silver	109-1	459.89	468.41	476.33	468.21	1.76	ppb
Sodium	23-2	245210.62	248493.97	249862.30	247855.63	0.96	ppb
Strontium	86-1	4864.14	4974.97	4925.78	4921.63	1.13	ppb
Strontium	88-1	4868.33	4910.50	4890.20	4889.68	0.43	ppb
Sulfur	34-1	7975.07	8525.29	8995.58	8498.65	6.01	ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	482.42	490.58	486.98	486.66	0.84	ppb
Thallium	205-1	497.05	504.67	505.08	502.27	0.90	ppb

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	CCV13	Instrumnet Name :	P7
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 16:48:46	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	498.68	500.48	507.05	502.07	0.88	ppb
Tin	118-1	478.39	490.64	500.62	489.88	2.27	ppb
Titanium	47-1	2417.38	2461.38	2486.73	2455.16	1.43	ppb
Uranium	238-1	494.80	505.78	506.32	502.30	1.29	ppb
Vanadium	51-2	494.27	497.21	499.10	496.86	0.49	ppb
Yttrium	89-1				99		%
Yttrium	89-2				96		%
Zinc	66-2	4775.64	4795.11	4843.09	4804.61	0.72	ppb
Zirconium	90-1	482.65	496.61	486.51	488.59	1.48	ppb
Zirconium	91-1	487.06	495.21	490.88	491.05	0.83	ppb

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	CCB13	Instrumnet Name :	P7
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 17:03:49	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.29	1.72	0.82	1.28	35.04	ppb
Antimony	121-1	0.03	0.03	0.03	0.03	5.21	ppb
Arsenic	75-2	-0.02	-0.03	-0.03	-0.02		ppb
Barium	135-1	0.00	0.02	0.01	0.01	104.11	ppb
Barium	137-1	0.04	0.05	0.06	0.05	22.86	ppb
Beryllium	9-1	0.05	0.03	0.01	0.03	74.27	ppb
Bismuth	209-1				104		%
Bismuth	209-2				98		%
Boron	10-1	3.97	3.53	3.68	3.73	6.04	ppb
Boron	11-1	4.34	4.21	3.74	4.10	7.71	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.07	-0.10	-0.19	-0.12		ppb
Cadmium	106-1	-1.14	-1.42	-2.56	-1.71		ppb
Cadmium	108-1	-0.51	-0.45	-0.59	-0.52		ppb
Calcium	43-1	3.34	8.37	5.28	5.66	44.83	ppb
Calcium	44-1	8.24	6.32	7.85	7.47	13.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.04	-0.01	0.01	195.46	ppb
Cobalt	59-2	0.01	0.00	0.03	0.01	113.80	ppb
Copper	63-2	0.19	0.15	0.17	0.17	12.45	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				100		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	56-2	2.92	3.24	3.43	3.20	8.00	ppb
Iron	57-2	2.73	1.90	4.21	2.95	39.65	ppb

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	CCB13	Instrumnet Name :	P7
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 17:03:49	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2.82	2.12	2.18	2.38	16.39	ppb
Krypton	83-1						cps
Lead	206-1	0.15	0.17	0.15	0.16	9.02	ppb
Lead	207-1	0.17	0.15	0.15	0.16	7.19	ppb
Lead	208-1	0.16	0.15	0.15	0.15	4.20	ppb
Lithium	6-1				93		%
Magnesium	24-2	5.68	5.14	5.10	5.30	6.10	ppb
Manganese	55-2	0.08	0.11	0.11	0.10	16.60	ppb
Molybdenum	94-1	0.10	0.11	0.07	0.09	23.40	ppb
Molybdenum	95-1	0.11	0.04	0.04	0.07	63.85	ppb
Molybdenum	96-1	0.09	0.07	0.04	0.06	42.05	ppb
Molybdenum	97-1	0.09	0.04	0.04	0.06	53.51	ppb
Molybdenum	98-1	0.08	0.06	0.06	0.07	12.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.00	-0.01	0.00		ppb
Phosphorus	31-2	-14.35	-17.40	-23.55	-18.44		ppb
Potassium	39-2	11.81	8.50	14.01	11.44	24.24	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	82-1	1.97	-0.72	0.27	0.51	269.28	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.45	0.64	0.45	0.22	268.30	ppb
Silicon	28-1	-5.54	-4.49	-3.95	-4.66		ppb
Silver	107-1	0.01	0.01	0.01	0.01	48.34	ppb
Silver	109-1	0.02	0.02	0.00	0.01	51.33	ppb
Sodium	23-2	26.19	26.75	24.21	25.72	5.20	ppb
Strontium	86-1	0.01	0.10	0.07	0.06	77.51	ppb
Strontium	88-1	0.06	0.08	0.10	0.08	22.99	ppb
Sulfur	34-1	-35.76	-152.40	-45.09	-77.75		ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.15	0.19	0.17	0.17	11.62	ppb
Thallium	205-1	0.19	0.18	0.19	0.19	2.16	ppb

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	CCB13	Instrumnet Name :	P7
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 17:03:49	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.00	0.01	0.01	60.49	ppb
Tin	118-1	0.01	0.02	0.02	0.02	28.92	ppb
Titanium	47-1	0.03	0.09	0.00	0.04	114.89	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	39.69	ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	162.85	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	0.11	0.14	0.16	0.14	17.68	ppb
Zirconium	90-1	0.02	0.02	0.01	0.02	50.39	ppb
Zirconium	91-1	0.06	0.03	0.07	0.05	42.01	ppb

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 17:06:52	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.55	24.18	24.49	23.07	9.50	ppb
Antimony	121-1	1.94	1.99	2.00	1.98	1.63	ppb
Arsenic	75-2	1.09	1.06	0.92	1.02	8.50	ppb
Barium	135-1	10.13	10.25	9.85	10.07	2.05	ppb
Barium	137-1	10.01	10.27	10.43	10.24	2.09	ppb
Beryllium	9-1	1.03	1.02	0.98	1.01	2.75	ppb
Bismuth	209-1				104		%
Bismuth	209-2				98		%
Boron	10-1	26.87	27.64	32.36	28.96	10.26	ppb
Boron	11-1	26.87	27.18	29.62	27.89	5.39	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.92	1.02	1.02	0.99	5.94	ppb
Cadmium	106-1	-0.50	0.57	0.48	0.19	318.74	ppb
Cadmium	108-1	0.76	0.76	0.80	0.77	3.05	ppb
Calcium	43-1	525.27	511.51	524.06	520.28	1.46	ppb
Calcium	44-1	542.62	534.36	555.93	544.30	2.00	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.02	2.08	2.06	2.05	1.40	ppb
Cobalt	59-2	1.05	1.07	1.04	1.05	1.70	ppb
Copper	63-2	2.17	2.21	2.27	2.22	2.27	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				105		%
Holmium	165-2				100		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	56-2	55.49	54.82	55.39	55.23	0.66	ppb
Iron	57-2	58.38	55.63	52.38	55.46	5.42	ppb

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 17:06:52	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	56.68	55.05	56.83	56.19	1.75	ppb
Krypton	83-1						cps
Lead	206-1	1.08	1.06	1.07	1.07	0.91	ppb
Lead	207-1	1.06	1.08	1.07	1.07	1.04	ppb
Lead	208-1	1.06	1.06	1.06	1.06	0.22	ppb
Lithium	6-1				93		%
Magnesium	24-2	502.71	506.64	510.35	506.57	0.75	ppb
Manganese	55-2	1.16	1.09	1.11	1.12	3.47	ppb
Molybdenum	94-1	4.88	4.78	4.72	4.79	1.73	ppb
Molybdenum	95-1	4.79	5.16	4.79	4.91	4.34	ppb
Molybdenum	96-1	4.68	4.82	4.91	4.80	2.33	ppb
Molybdenum	97-1	4.57	4.91	4.91	4.80	4.07	ppb
Molybdenum	98-1	4.66	4.70	4.79	4.72	1.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.14	1.01	1.04	1.06	6.03	ppb
Phosphorus	31-2	-12.02	1.46	-22.43	-11.00		ppb
Potassium	39-2	540.59	536.63	542.82	540.02	0.58	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	82-1	4.35	4.45	4.71	4.50	4.15	ppb
Selenium	77-2	5.77	4.95	5.36	5.36	7.70	ppb
Selenium	78-2	5.10	4.43	5.50	5.01	10.73	ppb
Silicon	28-1	3.59	4.82	5.67	4.69	22.31	ppb
Silver	107-1	0.96	0.99	1.00	0.98	2.01	ppb
Silver	109-1	0.96	0.99	1.02	0.99	2.56	ppb
Sodium	23-2	533.00	530.63	530.53	531.39	0.26	ppb
Strontium	86-1	1.10	0.95	0.85	0.97	12.93	ppb
Strontium	88-1	1.00	1.01	1.04	1.02	2.33	ppb
Sulfur	34-1	-170.69	91.11	610.00	176.81	224.73	ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	1.12	1.11	1.06	1.10	2.70	ppb
Thallium	205-1	1.13	1.05	1.17	1.12	5.36	ppb

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 17:06:52	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.01	0.00	0.01	63.09	ppb
Tin	118-1	5.09	5.28	5.31	5.23	2.31	ppb
Titanium	47-1	4.90	5.26	5.20	5.12	3.76	ppb
Uranium	238-1	0.89	0.87	0.92	0.90	2.66	ppb
Vanadium	51-2	5.23	5.12	5.08	5.14	1.48	ppb
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	2.25	2.39	2.32	2.32	2.81	ppb
Zirconium	90-1	0.95	0.98	0.99	0.97	2.33	ppb
Zirconium	91-1	0.94	1.02	1.12	1.03	8.93	ppb

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	PB136622BL	Instrumnet Name :	P7
Client Sample ID :	PB136622BL	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 17:09:57	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.09	-0.19	-0.12	-0.07		ppb
Antimony	121-1	0.00	0.00	0.00	0.00		ppb
Arsenic	75-2	-0.02	-0.03	-0.03	-0.03		ppb
Barium	135-1	-0.04	-0.03	-0.04	-0.04		ppb
Barium	137-1	0.00	-0.01	0.00	0.00		ppb
Beryllium	9-1	0.02	0.03	-0.01	0.01	150.42	ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Boron	10-1	4.14	5.08	4.00	4.41	13.31	ppb
Boron	11-1	4.30	4.04	3.90	4.08	5.02	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.04	0.05	-0.11	-0.03		ppb
Cadmium	106-1	-0.64	0.65	-1.29	-0.43		ppb
Cadmium	108-1	-0.54	-0.36	-0.45	-0.45		ppb
Calcium	43-1	-0.26	1.56	-1.62	-0.10		ppb
Calcium	44-1	4.01	3.87	2.29	3.39	28.21	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.02	0.05	0.03	53.30	ppb
Cobalt	59-2	-0.01	0.01	0.00	0.00		ppb
Copper	63-2	0.04	0.07	0.11	0.08	42.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				100		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	56-2	0.15	0.17	0.24	0.19	24.65	ppb
Iron	57-2	0.61	-1.02	-1.39	-0.60		ppb

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	PB136622BL	Instrumnet Name :	P7
Client Sample ID :	PB136622BL	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 17:09:57	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	-0.87	-0.27	-0.66	-0.60		ppb
Krypton	83-1						cps
Lead	206-1	0.09	0.08	0.10	0.09	12.76	ppb
Lead	207-1	0.08	0.09	0.07	0.08	9.18	ppb
Lead	208-1	0.09	0.09	0.09	0.09	2.84	ppb
Lithium	6-1				93		%
Magnesium	24-2	0.76	0.48	0.21	0.49	56.95	ppb
Manganese	55-2	0.02	0.01	0.00	0.01	67.08	ppb
Molybdenum	94-1	0.00	0.00	-0.01	0.00		ppb
Molybdenum	95-1	0.00	0.01	0.01	0.01	57.04	ppb
Molybdenum	96-1	0.01	0.00	0.01	0.01	73.15	ppb
Molybdenum	97-1	0.00	0.00	-0.01	0.00		ppb
Molybdenum	98-1	-0.01	-0.01	0.00	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.01	-0.01	-0.02		ppb
Phosphorus	31-2	-10.34	-16.71	-0.66	-9.24		ppb
Potassium	39-2	7.16	10.91	6.39	8.15	29.65	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	82-1	-0.54	0.01	-0.24	-0.26		ppb
Selenium	77-2	0.00	0.41	0.00	0.14	173.21	ppb
Selenium	78-2	-1.47	0.62	0.14	-0.24		ppb
Silicon	28-1	-3.93	-4.29	-3.82	-4.02		ppb
Silver	107-1	0.01	0.01	0.01	0.01	44.38	ppb
Silver	109-1	0.01	0.00	0.01	0.01	57.63	ppb
Sodium	23-2	16.44	16.17	16.97	16.53	2.48	ppb
Strontium	86-1	0.01	0.12	-0.05	0.03	338.01	ppb
Strontium	88-1	0.00	-0.01	0.00	0.00		ppb
Sulfur	34-1	308.27	57.38	68.14	144.59	98.10	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.12	0.12	0.13	0.12	2.85	ppb
Thallium	205-1	0.13	0.15	0.15	0.14	10.42	ppb

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	PB136622BL	Instrumnet Name :	P7
Client Sample ID :	PB136622BL	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 17:09:57	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	-0.01	0.00	0.00		ppb
Tin	118-1	0.01	0.00	0.00	0.00	161.40	ppb
Titanium	47-1	-0.02	-0.05	0.06	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	-0.01	-0.01	-0.01		ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	0.20	0.02	0.11	0.11	79.97	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb
Zirconium	91-1	0.03	0.02	0.03	0.03	25.20	ppb

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	PB136622BS	Instrumnet Name :	P7
Client Sample ID :	PB136622BS	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 17:13:01	DataFile Name :	023LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9809.54	9623.44	9645.01	9692.66	1.05	ppb
Antimony	121-1	477.91	486.20	494.30	486.14	1.69	ppb
Arsenic	75-2	493.81	495.86	494.37	494.68	0.21	ppb
Barium	135-1	2410.48	2431.18	2465.71	2435.79	1.15	ppb
Barium	137-1	2487.42	2458.70	2502.78	2482.97	0.90	ppb
Beryllium	9-1	502.87	501.92	520.07	508.29	2.01	ppb
Bismuth	209-1				100		%
Bismuth	209-2				94		%
Boron	10-1	475.05	493.07	518.08	495.40	4.36	ppb
Boron	11-1	468.38	496.58	520.41	495.12	5.26	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	501.70	500.20	512.90	504.93	1.37	ppb
Cadmium	106-1	496.21	500.44	518.18	504.94	2.31	ppb
Cadmium	108-1	500.09	500.68	504.16	501.65	0.44	ppb
Calcium	43-1	54153.20	54485.13	55045.87	54561.40	0.83	ppb
Calcium	44-1	50618.87	51480.39	51626.20	51241.82	1.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	494.36	489.41	494.46	492.74	0.59	ppb
Cobalt	59-2	495.52	494.59	497.66	495.93	0.32	ppb
Copper	63-2	5032.19	4949.03	4952.58	4977.93	0.94	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				101		%
Holmium	165-2				98		%
Indium	115-1				99		%
Indium	115-2				95		%
Iron	56-2	25860.28	25196.53	25337.41	25464.74	1.37	ppb
Iron	57-2	25709.47	25513.47	25675.38	25632.77	0.41	ppb

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	PB136622BS	Instrumnet Name :	P7
Client Sample ID :	PB136622BS	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 17:13:01	DataFile Name :	023LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	26308.29	26162.90	26206.88	26226.02	0.28	ppb
Krypton	83-1						cps
Lead	206-1	2468.88	2456.44	2515.44	2480.25	1.25	ppb
Lead	207-1	2454.39	2448.95	2544.37	2482.57	2.16	ppb
Lead	208-1	2471.50	2457.33	2520.39	2483.08	1.33	ppb
Lithium	6-1				91		%
Magnesium	24-2	49671.04	49004.04	48903.55	49192.88	0.85	ppb
Manganese	55-2	4923.91	4926.88	4894.46	4915.08	0.36	ppb
Molybdenum	94-1	2474.25	2449.01	2482.26	2468.51	0.70	ppb
Molybdenum	95-1	2435.38	2458.76	2457.75	2450.63	0.54	ppb
Molybdenum	96-1	2440.94	2455.72	2474.77	2457.14	0.69	ppb
Molybdenum	97-1	2362.77	2392.65	2412.26	2389.23	1.04	ppb
Molybdenum	98-1	2422.50	2440.20	2474.38	2445.70	1.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	494.83	495.99	494.05	494.95	0.20	ppb
Phosphorus	31-2	10128.67	9865.44	9791.10	9928.40	1.79	ppb
Potassium	39-2	25360.76	25208.95	24738.90	25102.87	1.29	ppb
Rhodium	103-1				95		%
Rhodium	103-2				94		%
Scandium	45-1				95		%
Scandium	45-2				95		%
Selenium	82-1	496.63	495.66	499.97	497.42	0.45	ppb
Selenium	77-2	503.59	530.81	512.94	515.78	2.68	ppb
Selenium	78-2	499.44	502.88	508.24	503.52	0.88	ppb
Silicon	28-1	476.83	488.64	503.46	489.64	2.73	ppb
Silver	107-1	488.49	485.83	501.48	491.93	1.70	ppb
Silver	109-1	488.70	487.96	496.29	490.98	0.94	ppb
Sodium	23-2	50872.52	50522.01	50063.82	50486.12	0.80	ppb
Strontium	86-1	4939.51	4978.64	4988.50	4968.88	0.52	ppb
Strontium	88-1	4923.94	4930.45	4959.72	4938.04	0.39	ppb
Sulfur	34-1	9988.50	9884.41	10157.81	10010.24	1.38	ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	479.08	483.64	483.19	481.97	0.52	ppb
Thallium	205-1	494.20	498.87	500.39	497.82	0.65	ppb

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	PB136622BS	Instrumnet Name :	P7
Client Sample ID :	PB136622BS	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 17:13:01	DataFile Name :	023LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	481.21	487.43	488.54	485.73	0.81	ppb
Tin	118-1	496.28	497.37	510.51	501.39	1.58	ppb
Titanium	47-1	2436.66	2461.31	2467.88	2455.28	0.67	ppb
Uranium	238-1	480.06	491.51	494.49	488.68	1.56	ppb
Vanadium	51-2	490.82	489.74	492.24	490.93	0.26	ppb
Yttrium	89-1				99		%
Yttrium	89-2				96		%
Zinc	66-2	4991.50	4977.97	4966.21	4978.56	0.25	ppb
Zirconium	90-1	481.36	495.59	508.08	495.01	2.70	ppb
Zirconium	91-1	487.57	491.31	494.99	491.29	0.76	ppb

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	M2214-11DLX5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	5
Date & Time Acquired ::	2021-05-27 17:19:36	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20471.08	20765.10	20916.09	20717.42	1.09	ppb
Antimony	121-1	153.50	156.43	158.33	156.09	1.56	ppb
Arsenic	75-2	620.00	617.03	614.14	617.06	0.47	ppb
Barium	135-1	1232.76	1258.62	1277.29	1256.22	1.78	ppb
Barium	137-1	1227.57	1257.19	1271.10	1251.95	1.78	ppb
Beryllium	9-1	108.80	111.16	108.91	109.62	1.21	ppb
Bismuth	209-1				104		%
Bismuth	209-2				97		%
Boron	10-1	655.13	695.98	716.98	689.36	4.56	ppb
Boron	11-1	653.34	691.87	734.07	693.09	5.83	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	476.12	492.81	487.68	485.54	1.76	ppb
Cadmium	106-1	380.98	397.30	402.70	393.66	2.87	ppb
Cadmium	108-1	406.87	420.74	421.38	416.33	1.97	ppb
Calcium	43-1	31708.75	32175.05	32401.41	32095.07	1.10	ppb
Calcium	44-1	29972.07	30373.62	30599.88	30315.19	1.05	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	333.80	338.39	337.90	336.70	0.75	ppb
Cobalt	59-2	656.05	663.10	660.52	659.89	0.54	ppb
Copper	63-2	664.52	673.04	675.05	670.87	0.83	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				102		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	56-2	34196.26	34445.96	34639.10	34427.11	0.64	ppb
Iron	57-2	34362.87	34380.02	34803.64	34515.51	0.72	ppb

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	M2214-11DLX5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	5
Date & Time Acquired ::	2021-05-27 17:19:36	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	35148.23	35174.53	35299.03	35207.27	0.23	ppb
Krypton	83-1						cps
Lead	206-1	158.02	161.79	160.53	160.12	1.20	ppb
Lead	207-1	150.87	153.84	153.84	152.85	1.12	ppb
Lead	208-1	154.70	157.98	157.80	156.83	1.18	ppb
Lithium	6-1				118		%
Magnesium	24-2	42870.09	43414.55	43460.10	43248.25	0.76	ppb
Manganese	55-2	3046.75	3040.85	3038.78	3042.13	0.14	ppb
Molybdenum	94-1	60.14	61.25	60.65	60.68	0.92	ppb
Molybdenum	95-1	66.51	68.26	68.10	67.62	1.43	ppb
Molybdenum	96-1	66.24	67.65	66.28	66.73	1.20	ppb
Molybdenum	97-1	66.47	69.06	67.49	67.67	1.92	ppb
Molybdenum	98-1	67.50	69.10	66.98	67.86	1.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	200.22	202.69	203.43	202.11	0.83	ppb
Phosphorus	31-2	1501.32	1469.86	1556.02	1509.07	2.89	ppb
Potassium	39-2	43436.82	44140.73	44320.93	43966.16	1.06	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	507.88	521.79	518.04	515.90	1.39	ppb
Selenium	77-2	541.86	516.98	528.30	529.05	2.35	ppb
Selenium	78-2	520.74	513.68	523.53	519.31	0.98	ppb
Silicon	28-1	2621.84	2653.50	2706.91	2660.75	1.62	ppb
Silver	107-1	94.53	96.02	96.68	95.74	1.15	ppb
Silver	109-1	94.25	96.17	96.32	95.58	1.21	ppb
Sodium	23-2	4838.50	4918.01	4943.00	4899.83	1.11	ppb
Strontium	86-1	295.70	302.99	302.28	300.32	1.34	ppb
Strontium	88-1	289.73	306.68	303.33	299.91	2.99	ppb
Sulfur	34-1	-1583.93	-1801.63	-1844.19	-1743.25		ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	219.82	223.64	223.30	222.25	0.95	ppb
Thallium	205-1	217.80	221.38	222.73	220.64	1.15	ppb

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	M2214-11DLX5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	5
Date & Time Acquired ::	2021-05-27 17:19:36	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	15.65	15.89	15.80	15.78	0.75	ppb
Tin	118-1	179.47	181.87	183.72	181.69	1.17	ppb
Titanium	47-1	1455.32	1495.80	1497.41	1482.84	1.61	ppb
Uranium	238-1	77.40	78.91	79.61	78.64	1.43	ppb
Vanadium	51-2	122.62	124.13	125.68	124.14	1.23	ppb
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	1312.94	1327.59	1330.00	1323.51	0.70	ppb
Zirconium	90-1	8.61	8.66	8.70	8.66	0.52	ppb
Zirconium	91-1	8.89	9.21	9.22	9.11	2.05	ppb

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	M2214-11DL2X10	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL2	Dilution Factor :	10
Date & Time Acquired ::	2021-05-27 17:24:42	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10560.19	10497.69	10317.79	10458.56	1.20	ppb
Antimony	121-1	76.90	78.10	78.66	77.89	1.15	ppb
Arsenic	75-2	314.54	312.34	316.25	314.37	0.62	ppb
Barium	135-1	624.29	636.06	634.68	631.68	1.02	ppb
Barium	137-1	625.47	634.78	637.24	632.50	0.98	ppb
Beryllium	9-1	60.29	60.63	60.22	60.38	0.36	ppb
Bismuth	209-1				105		%
Bismuth	209-2				98		%
Boron	10-1	376.16	398.28	406.31	393.59	3.97	ppb
Boron	11-1	371.08	406.34	410.61	396.01	5.48	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	242.17	244.71	244.98	243.95	0.64	ppb
Cadmium	106-1	191.30	194.36	199.62	195.10	2.16	ppb
Cadmium	108-1	204.80	214.83	208.42	209.35	2.43	ppb
Calcium	43-1	15569.06	15663.10	16346.06	15859.41	2.67	ppb
Calcium	44-1	15212.85	15576.09	16077.50	15622.14	2.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	171.29	170.38	169.43	170.37	0.55	ppb
Cobalt	59-2	338.19	338.21	333.02	336.47	0.89	ppb
Copper	63-2	341.87	341.89	336.55	340.10	0.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	56-2	17454.09	17622.54	17436.79	17504.47	0.59	ppb
Iron	57-2	17519.22	17697.52	17389.05	17535.26	0.88	ppb

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	M2214-11DL2X10	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL2	Dilution Factor :	10
Date & Time Acquired ::	2021-05-27 17:24:42	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	17916.26	18036.56	17747.53	17900.12	0.81	ppb
Krypton	83-1						cps
Lead	206-1	78.57	81.61	82.16	80.78	2.39	ppb
Lead	207-1	74.33	78.38	77.85	76.85	2.86	ppb
Lead	208-1	76.73	79.77	80.10	78.86	2.35	ppb
Lithium	6-1				105		%
Magnesium	24-2	21986.67	21643.96	21419.00	21683.21	1.32	ppb
Manganese	55-2	1506.22	1504.07	1493.14	1501.14	0.47	ppb
Molybdenum	94-1	30.89	30.12	32.01	31.01	3.07	ppb
Molybdenum	95-1	34.76	34.29	34.96	34.67	0.99	ppb
Molybdenum	96-1	34.43	33.65	34.22	34.10	1.17	ppb
Molybdenum	97-1	35.24	34.11	34.52	34.62	1.64	ppb
Molybdenum	98-1	34.76	33.85	34.39	34.33	1.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	103.76	102.51	101.78	102.68	0.98	ppb
Phosphorus	31-2	679.23	781.60	778.03	746.29	7.79	ppb
Potassium	39-2	22094.45	22455.70	21906.14	22152.10	1.26	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	82-1	264.85	259.81	262.81	262.49	0.97	ppb
Selenium	77-2	266.44	274.20	276.91	272.52	1.99	ppb
Selenium	78-2	261.11	249.92	271.19	260.74	4.08	ppb
Silicon	28-1	1367.06	1332.41	1335.85	1345.11	1.42	ppb
Silver	107-1	47.37	48.79	48.23	48.13	1.49	ppb
Silver	109-1	48.42	48.59	47.96	48.32	0.67	ppb
Sodium	23-2	2479.23	2461.53	2442.99	2461.25	0.74	ppb
Strontium	86-1	151.11	151.12	152.30	151.51	0.45	ppb
Strontium	88-1	149.83	149.80	151.11	150.25	0.50	ppb
Sulfur	34-1	-2671.28	-2255.11	-2082.71	-2336.36		ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	109.84	112.09	112.91	111.61	1.43	ppb
Thallium	205-1	108.09	111.57	111.76	110.48	1.87	ppb

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	M2214-11DL2X10	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL2	Dilution Factor :	10
Date & Time Acquired ::	2021-05-27 17:24:42	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	7.60	7.83	7.87	7.77	1.87	ppb
Tin	118-1	90.27	90.93	91.72	90.97	0.80	ppb
Titanium	47-1	712.00	726.92	750.40	729.77	2.65	ppb
Uranium	238-1	38.69	39.69	39.52	39.30	1.37	ppb
Vanadium	51-2	62.53	62.82	62.25	62.53	0.46	ppb
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	670.40	675.10	662.01	669.17	0.99	ppb
Zirconium	90-1	4.30	4.36	4.47	4.38	1.98	ppb
Zirconium	91-1	4.47	4.56	4.55	4.53	1.04	ppb

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	M2214-11	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOIL	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 17:27:45	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	96011.07	94504.70	95891.14	95468.97	0.88	ppb
Antimony	121-1	729.35	784.47	784.99	766.27	4.17	ppb
Arsenic	75-2	2714.07	2711.74	2711.09	2712.30	0.06	ppb
Barium	135-1	6093.17	6234.70	6327.73	6218.53	1.90	ppb
Barium	137-1	6152.73	6223.71	6362.89	6246.45	1.71	ppb
Beryllium	9-1	285.19	283.71	277.12	282.01	1.52	ppb
Bismuth	209-1				107		%
Bismuth	209-2				95		%
Boron	10-1	1760.13	1859.69	1871.15	1830.32	3.34	ppb
Boron	11-1	1797.00	1895.13	1925.32	1872.48	3.58	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	2207.86	2263.60	2284.92	2252.13	1.77	ppb
Cadmium	106-1	1839.18	1859.59	1884.60	1861.12	1.22	ppb
Cadmium	108-1	1921.08	1973.57	1988.97	1961.21	1.82	ppb
Calcium	43-1	145730.50	145333.61	148554.27	146539.46	1.20	ppb
Calcium	44-1	139243.92	139093.88	141846.87	140061.55	1.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1585.05	1581.50	1567.65	1578.07	0.58	ppb
Cobalt	59-2	3180.73	3215.56	3171.11	3189.13	0.73	ppb
Copper	63-2	3247.08	3250.22	3216.26	3237.85	0.58	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				110		%
Holmium	165-2				102		%
Indium	115-1				117		%
Indium	115-2				104		%
Iron	56-2	164068.39	162615.03	161394.82	162692.75	0.82	ppb
Iron	57-2	161829.91	161467.57	161199.49	161498.99	0.20	ppb

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	M2214-11	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOIL	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 17:27:45	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	165545.46	166089.70	162825.59	164820.25	1.06	ppb
Krypton	83-1						cps
Lead	206-1	761.54	780.73	783.38	775.22	1.54	ppb
Lead	207-1	717.76	739.91	743.35	733.67	1.89	ppb
Lead	208-1	765.94	783.36	787.96	779.09	1.49	ppb
Lithium	6-1				203		%
Magnesium	24-2	201069.74	198024.53	198796.47	199296.91	0.79	ppb
Manganese	55-2	14211.08	14081.73	14054.44	14115.75	0.59	ppb
Molybdenum	94-1	261.25	275.36	272.45	269.68	2.76	ppb
Molybdenum	95-1	293.58	303.86	301.54	299.66	1.80	ppb
Molybdenum	96-1	289.50	298.50	297.76	295.25	1.69	ppb
Molybdenum	97-1	295.16	306.03	304.07	301.75	1.92	ppb
Molybdenum	98-1	291.17	303.24	300.56	298.33	2.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	937.64	942.68	929.34	936.55	0.72	ppb
Phosphorus	31-2	7088.25	6865.58	6990.65	6981.49	1.60	ppb
Potassium	39-2	205942.99	204044.25	204473.66	204820.30	0.49	ppb
Rhodium	103-1				98		%
Rhodium	103-2				94		%
Scandium	45-1				106		%
Scandium	45-2				100		%
Selenium	82-1	2174.67	2278.56	2231.67	2228.30	2.33	ppb
Selenium	77-2	2303.34	2343.20	2353.70	2333.41	1.14	ppb
Selenium	78-2	2234.91	2215.08	2233.41	2227.80	0.50	ppb
Silicon	28-1	12144.35	11940.50	12231.53	12105.46	1.23	ppb
Silver	107-1	433.54	436.60	446.87	439.00	1.59	ppb
Silver	109-1	430.00	442.89	445.76	439.55	1.91	ppb
Sodium	23-2	23072.83	22933.72	22972.03	22992.86	0.31	ppb
Strontium	86-1	1286.53	1336.51	1321.25	1314.76	1.95	ppb
Strontium	88-1	1300.74	1353.29	1338.99	1331.00	2.04	ppb
Sulfur	34-1	-2567.66	-2670.18	-2612.64	-2616.82		ppb
Terbium	159-1				110		%
Terbium	159-2				103		%
Thallium	203-1	1106.74	1134.96	1150.15	1130.62	1.95	ppb
Thallium	205-1	1106.94	1119.05	1131.44	1119.14	1.09	ppb

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	M2214-11	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOIL	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 17:27:45	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	77.53	78.52	80.22	78.76	1.73	ppb
Tin	118-1	843.23	859.72	864.36	855.77	1.30	ppb
Titanium	47-1	6821.44	6866.81	7041.49	6909.91	1.68	ppb
Uranium	238-1	407.20	421.46	423.02	417.23	2.09	ppb
Vanadium	51-2	586.02	588.40	580.14	584.85	0.73	ppb
Yttrium	89-1				119		%
Yttrium	89-2				111		%
Zinc	66-2	6045.89	6050.59	6002.17	6032.89	0.44	ppb
Zirconium	90-1	39.75	39.37	39.31	39.48	0.60	ppb
Zirconium	91-1	39.24	41.64	40.26	40.38	2.99	ppb

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	M2214-11DL2REX10	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL2RE	Dilution Factor :	10
Date & Time Acquired ::	2021-05-27 17:36:25	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10411.60	10360.14	10301.01	10357.58	0.53	ppb
Antimony	121-1	77.58	77.69	79.11	78.13	1.09	ppb
Arsenic	75-2	310.46	310.50	308.61	309.86	0.35	ppb
Barium	135-1	618.70	623.30	641.90	627.97	1.96	ppb
Barium	137-1	622.74	629.43	639.46	630.55	1.33	ppb
Beryllium	9-1	61.81	59.92	60.36	60.70	1.63	ppb
Bismuth	209-1				106		%
Bismuth	209-2				98		%
Boron	10-1	416.61	432.00	434.37	427.66	2.25	ppb
Boron	11-1	409.31	429.83	439.66	426.27	3.63	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	236.61	243.61	245.39	241.87	1.92	ppb
Cadmium	106-1	189.31	192.49	192.97	191.59	1.04	ppb
Cadmium	108-1	204.76	204.47	207.27	205.50	0.75	ppb
Calcium	43-1	16433.79	16224.57	16148.32	16268.89	0.91	ppb
Calcium	44-1	16037.78	16172.18	16135.19	16115.05	0.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	172.84	171.24	168.45	170.84	1.30	ppb
Cobalt	59-2	340.11	338.18	336.74	338.34	0.50	ppb
Copper	63-2	345.56	344.59	343.97	344.71	0.23	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				107		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				97		%
Iron	56-2	17572.41	17556.71	17319.38	17482.83	0.81	ppb
Iron	57-2	17685.25	17579.88	17448.54	17571.22	0.67	ppb

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	M2214-11DL2REX10	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL2RE	Dilution Factor :	10
Date & Time Acquired ::	2021-05-27 17:36:25	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	18028.33	17892.70	17950.35	17957.13	0.38	ppb
Krypton	83-1						cps
Lead	206-1	79.16	81.28	81.51	80.65	1.61	ppb
Lead	207-1	75.51	77.79	76.89	76.73	1.50	ppb
Lead	208-1	77.50	79.62	79.06	78.73	1.39	ppb
Lithium	6-1				101		%
Magnesium	24-2	21834.81	21377.67	21577.22	21596.57	1.06	ppb
Manganese	55-2	1504.08	1499.20	1499.85	1501.04	0.18	ppb
Molybdenum	94-1	30.43	30.54	31.51	30.83	1.94	ppb
Molybdenum	95-1	34.09	34.22	34.94	34.42	1.32	ppb
Molybdenum	96-1	33.52	33.94	34.29	33.92	1.14	ppb
Molybdenum	97-1	33.37	34.50	34.74	34.21	2.14	ppb
Molybdenum	98-1	33.69	34.57	34.95	34.40	1.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	105.02	104.29	103.46	104.26	0.75	ppb
Phosphorus	31-2	788.81	819.33	810.31	806.15	1.95	ppb
Potassium	39-2	22088.57	21951.13	21968.74	22002.81	0.34	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				95		%
Scandium	45-2				94		%
Selenium	82-1	255.91	261.56	260.48	259.32	1.16	ppb
Selenium	77-2	278.87	278.22	274.46	277.18	0.86	ppb
Selenium	78-2	258.12	252.83	252.49	254.48	1.24	ppb
Silicon	28-1	1324.09	1327.86	1606.81	1419.59	11.42	ppb
Silver	107-1	47.20	47.10	47.83	47.38	0.84	ppb
Silver	109-1	47.04	47.73	47.41	47.39	0.72	ppb
Sodium	23-2	2468.21	2436.47	2425.88	2443.52	0.90	ppb
Strontium	86-1	148.70	152.58	153.29	151.52	1.63	ppb
Strontium	88-1	147.90	150.17	150.42	149.49	0.93	ppb
Sulfur	34-1	-2382.06	-2343.77	-2606.69	-2444.17		ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	109.98	113.50	113.25	112.24	1.75	ppb
Thallium	205-1	109.53	113.13	112.66	111.77	1.75	ppb

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	M2214-11DL2REX10	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL2RE	Dilution Factor :	10
Date & Time Acquired ::	2021-05-27 17:36:25	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	7.71	7.98	7.95	7.88	1.88	ppb
Tin	118-1	88.80	91.52	91.00	90.44	1.60	ppb
Titanium	47-1	747.09	755.07	756.99	753.05	0.70	ppb
Uranium	238-1	38.40	40.16	40.31	39.62	2.68	ppb
Vanadium	51-2	62.62	62.53	61.48	62.21	1.02	ppb
Yttrium	89-1				102		%
Yttrium	89-2				98		%
Zinc	66-2	681.93	681.28	675.39	679.53	0.53	ppb
Zirconium	90-1	4.44	4.38	4.36	4.39	0.86	ppb
Zirconium	91-1	4.49	4.57	4.79	4.62	3.32	ppb

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	CCV14	Instrumnet Name :	P7
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 17:45:09	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48564.97	46528.13	44889.42	46660.84	3.95	ppb
Antimony	121-1	451.28	466.86	472.13	463.42	2.34	ppb
Arsenic	75-2	484.89	461.80	455.20	467.30	3.34	ppb
Barium	135-1	2288.55	2357.75	2392.09	2346.13	2.25	ppb
Barium	137-1	2391.75	2438.93	2460.21	2430.30	1.44	ppb
Beryllium	9-1	487.71	493.96	500.65	494.11	1.31	ppb
Bismuth	209-1				97		%
Bismuth	209-2				89		%
Boron	10-1	508.20	523.43	547.22	526.28	3.74	ppb
Boron	11-1	513.97	535.33	543.23	530.84	2.85	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	457.18	467.80	478.97	467.98	2.33	ppb
Cadmium	106-1	447.70	464.43	481.34	464.49	3.62	ppb
Cadmium	108-1	453.35	466.23	472.46	464.02	2.10	ppb
Calcium	43-1	250462.76	254424.43	259054.02	254647.07	1.69	ppb
Calcium	44-1	242476.19	244495.23	249151.71	245374.38	1.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	490.05	472.26	457.59	473.30	3.43	ppb
Cobalt	59-2	488.63	471.29	454.36	471.43	3.64	ppb
Copper	63-2	4850.92	4627.77	4483.05	4653.91	3.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				97		%
Indium	115-1				95		%
Indium	115-2				90		%
Iron	56-2	127091.72	121450.22	117077.45	121873.13	4.12	ppb
Iron	57-2	126038.90	120134.77	116675.98	120949.88	3.91	ppb

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	CCV14	Instrumnet Name :	P7
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 17:45:09	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	126481.52	120483.16	117474.92	121479.87	3.77	ppb
Krypton	83-1						cps
Lead	206-1	2455.22	2496.72	2540.55	2497.50	1.71	ppb
Lead	207-1	2432.17	2476.47	2488.81	2465.82	1.21	ppb
Lead	208-1	2455.53	2487.64	2508.78	2483.99	1.08	ppb
Lithium	6-1				88		%
Magnesium	24-2	249700.05	235999.00	228377.11	238025.39	4.54	ppb
Manganese	55-2	4903.50	4700.29	4556.44	4720.08	3.69	ppb
Molybdenum	94-1	2430.60	2495.60	2524.51	2483.57	1.94	ppb
Molybdenum	95-1	2431.04	2494.01	2524.20	2483.08	1.91	ppb
Molybdenum	96-1	2432.38	2503.18	2525.50	2487.02	1.95	ppb
Molybdenum	97-1	2355.85	2410.74	2451.29	2405.96	1.99	ppb
Molybdenum	98-1	2404.30	2473.31	2499.18	2458.93	1.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	483.09	464.29	450.21	465.86	3.54	ppb
Phosphorus	31-2	9836.17	9202.05	9125.60	9387.94	4.15	ppb
Potassium	39-2	123746.58	116068.26	114072.23	117962.36	4.33	ppb
Rhodium	103-1				91		%
Rhodium	103-2				88		%
Scandium	45-1				91		%
Scandium	45-2				89		%
Selenium	82-1	464.15	472.81	480.92	472.63	1.77	ppb
Selenium	77-2	489.81	467.95	461.28	473.01	3.15	ppb
Selenium	78-2	470.81	451.62	456.68	459.71	2.16	ppb
Silicon	28-1	562.05	604.12	641.76	602.65	6.62	ppb
Silver	107-1	442.20	455.82	460.51	452.84	2.10	ppb
Silver	109-1	440.78	452.78	462.04	451.87	2.36	ppb
Sodium	23-2	254537.86	243807.41	232975.50	243773.59	4.42	ppb
Strontium	86-1	4850.15	4920.01	5004.38	4924.85	1.57	ppb
Strontium	88-1	4837.25	4936.60	4937.07	4903.64	1.17	ppb
Sulfur	34-1	8597.97	8762.04	9331.60	8897.20	4.33	ppb
Terbium	159-1				102		%
Terbium	159-2				97		%
Thallium	203-1	474.54	488.12	491.74	484.80	1.87	ppb
Thallium	205-1	496.17	504.68	509.44	503.43	1.34	ppb

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	CCV14	Instrumnet Name :	P7
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 17:45:09	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	496.54	510.47	511.27	506.09	1.64	ppb
Tin	118-1	463.22	477.99	485.95	475.72	2.42	ppb
Titanium	47-1	2408.15	2416.25	2452.86	2425.75	0.98	ppb
Uranium	238-1	490.46	506.98	502.74	500.06	1.71	ppb
Vanadium	51-2	496.24	477.42	460.51	478.06	3.74	ppb
Yttrium	89-1				95		%
Yttrium	89-2				92		%
Zinc	66-2	4820.88	4631.08	4488.99	4646.98	3.58	ppb
Zirconium	90-1	469.08	486.47	491.42	482.32	2.43	ppb
Zirconium	91-1	480.86	496.61	500.11	492.53	2.08	ppb

LB Number : LB114690 Operator : JASWAL
 Lab Sample ID : CCB14 Instrumnet Name : P7
 Client Sample ID : CCB14 Dilution Factor : 1
 Date & Time Acquired :: 2021-05-27 17:59:03 DataFile Name : 029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.12	2.06	1.98	1.72	30.54	ppb
Antimony	121-1	0.05	0.02	0.03	0.03	37.00	ppb
Arsenic	75-2	0.01	-0.01	0.02	0.01	227.39	ppb
Barium	135-1	0.03	0.00	0.07	0.03	113.98	ppb
Barium	137-1	0.07	0.10	0.08	0.08	18.49	ppb
Beryllium	9-1	0.03	0.03	0.03	0.03	5.05	ppb
Bismuth	209-1				105		%
Bismuth	209-2				97		%
Boron	10-1	11.22	10.89	10.74	10.95	2.24	ppb
Boron	11-1	11.21	11.47	10.42	11.03	4.96	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.24	-0.28	-0.27	-0.26		ppb
Cadmium	106-1	-3.48	-4.09	-3.59	-3.72		ppb
Cadmium	108-1	-0.54	-0.51	-0.25	-0.43		ppb
Calcium	43-1	6.50	10.42	10.61	9.18	25.26	ppb
Calcium	44-1	9.34	6.70	9.38	8.47	18.15	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.03	0.02	0.02	97.81	ppb
Cobalt	59-2	0.00	0.02	0.01	0.01	86.23	ppb
Copper	63-2	0.23	0.23	0.28	0.25	11.61	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				99		%
Indium	115-1				102		%
Indium	115-2				96		%
Iron	56-2	4.16	4.39	3.93	4.16	5.53	ppb
Iron	57-2	3.25	4.73	5.10	4.36	22.44	ppb

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	CCB14	Instrumnet Name :	P7
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 17:59:03	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	3.61	4.16	4.05	3.94	7.30	ppb
Krypton	83-1						cps
Lead	206-1	0.24	0.20	0.24	0.23	9.59	ppb
Lead	207-1	0.23	0.22	0.21	0.22	2.72	ppb
Lead	208-1	0.23	0.23	0.23	0.23	1.41	ppb
Lithium	6-1				92		%
Magnesium	24-2	8.10	8.96	8.76	8.61	5.17	ppb
Manganese	55-2	0.19	0.18	0.15	0.17	13.09	ppb
Molybdenum	94-1	0.08	0.12	0.11	0.11	18.88	ppb
Molybdenum	95-1	0.13	0.10	0.06	0.10	33.60	ppb
Molybdenum	96-1	0.11	0.12	0.10	0.11	8.49	ppb
Molybdenum	97-1	0.12	0.14	0.10	0.12	14.84	ppb
Molybdenum	98-1	0.09	0.10	0.08	0.09	12.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.01	0.03	0.01	330.96	ppb
Phosphorus	31-2	-26.57	-18.05	-27.44	-24.02		ppb
Potassium	39-2	-3.67	-8.71	1.06	-3.77		ppb
Rhodium	103-1				100		%
Rhodium	103-2				96		%
Scandium	45-1				94		%
Scandium	45-2				92		%
Selenium	82-1	-0.21	1.84	-1.85	-0.07		ppb
Selenium	77-2	0.00	0.43	0.00	0.14	173.21	ppb
Selenium	78-2	0.43	-0.18	0.29	0.18	179.09	ppb
Silicon	28-1	-8.58	-8.75	-8.21	-8.51		ppb
Silver	107-1	0.00	0.02	0.29	0.11	150.39	ppb
Silver	109-1	0.01	0.01	0.03	0.02	43.22	ppb
Sodium	23-2	21.65	21.60	20.59	21.28	2.80	ppb
Strontium	86-1	0.22	-0.01	0.09	0.10	115.04	ppb
Strontium	88-1	0.13	0.14	0.14	0.13	3.85	ppb
Sulfur	34-1	-1320.17	-903.56	-591.02	-938.25		ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	0.28	0.27	0.27	0.27	1.73	ppb
Thallium	205-1	0.29	0.27	0.30	0.29	4.92	ppb

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	CCB14	Instrumnet Name :	P7
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 17:59:03	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.01	0.01	0.01	9.59	ppb
Tin	118-1	0.02	0.03	0.02	0.02	31.54	ppb
Titanium	47-1	0.04	0.02	0.05	0.04	42.58	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	34.53	ppb
Vanadium	51-2	0.00	0.03	0.01	0.01	98.90	ppb
Yttrium	89-1				100		%
Yttrium	89-2				95		%
Zinc	66-2	0.33	0.21	0.34	0.29	23.83	ppb
Zirconium	90-1	0.03	0.02	0.02	0.02	35.54	ppb
Zirconium	91-1	0.04	0.03	0.04	0.04	23.72	ppb

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	M2214-11DLREX5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDLRE	Dilution Factor :	5
Date & Time Acquired ::	2021-05-27 18:03:11	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18117.35	18261.89	18295.96	18225.06	0.52	ppb
Antimony	121-1	134.68	138.24	138.94	137.29	1.66	ppb
Arsenic	75-2	544.85	547.30	546.88	546.34	0.24	ppb
Barium	135-1	1067.42	1098.18	1100.32	1088.64	1.69	ppb
Barium	137-1	1062.33	1101.84	1091.87	1085.34	1.89	ppb
Beryllium	9-1	99.98	96.85	96.99	97.94	1.80	ppb
Bismuth	209-1				105		%
Bismuth	209-2				97		%
Boron	10-1	605.79	626.19	650.94	627.64	3.60	ppb
Boron	11-1	603.04	642.33	651.26	632.21	4.06	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	408.72	425.82	429.12	421.22	2.60	ppb
Cadmium	106-1	330.43	344.29	345.61	340.11	2.47	ppb
Cadmium	108-1	355.96	367.22	364.59	362.59	1.63	ppb
Calcium	43-1	27593.38	28388.63	28521.61	28167.87	1.78	ppb
Calcium	44-1	26133.49	27027.48	27334.08	26831.68	2.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	299.23	299.52	303.53	300.76	0.80	ppb
Cobalt	59-2	586.18	590.95	598.41	591.85	1.04	ppb
Copper	63-2	596.97	597.90	611.92	602.26	1.39	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				102		%
Indium	115-1				104		%
Indium	115-2				97		%
Iron	56-2	30318.35	30597.55	30881.00	30598.97	0.92	ppb
Iron	57-2	30328.45	30521.76	31119.39	30656.53	1.35	ppb

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	M2214-11DLREX5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDLRE	Dilution Factor :	5
Date & Time Acquired ::	2021-05-27 18:03:11	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	31105.61	31042.28	31686.29	31278.06	1.13	ppb
Krypton	83-1						cps
Lead	206-1	142.41	142.35	144.79	143.18	0.97	ppb
Lead	207-1	133.18	135.12	137.23	135.18	1.50	ppb
Lead	208-1	137.69	138.98	140.69	139.12	1.08	ppb
Lithium	6-1				113		%
Magnesium	24-2	36410.75	36503.30	37221.25	36711.77	1.21	ppb
Manganese	55-2	2615.22	2632.17	2680.36	2642.58	1.28	ppb
Molybdenum	94-1	53.56	53.70	55.34	54.20	1.82	ppb
Molybdenum	95-1	59.25	60.31	60.32	59.96	1.03	ppb
Molybdenum	96-1	58.44	58.87	60.67	59.33	2.00	ppb
Molybdenum	97-1	60.82	59.88	61.10	60.60	1.06	ppb
Molybdenum	98-1	59.72	60.34	60.47	60.18	0.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	178.51	181.11	181.33	180.32	0.87	ppb
Phosphorus	31-2	1339.54	1381.89	1397.04	1372.82	2.17	ppb
Potassium	39-2	36414.45	36527.15	36777.52	36573.04	0.51	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				98		%
Scandium	45-2				95		%
Selenium	82-1	445.81	455.41	457.70	452.97	1.39	ppb
Selenium	77-2	460.44	476.70	474.49	470.54	1.87	ppb
Selenium	78-2	450.95	450.29	451.46	450.90	0.13	ppb
Silicon	28-1	2361.11	2559.45	2426.10	2448.89	4.13	ppb
Silver	107-1	81.11	84.31	84.49	83.30	2.28	ppb
Silver	109-1	82.09	84.93	84.73	83.92	1.89	ppb
Sodium	23-2	4352.38	4361.08	4398.28	4370.58	0.56	ppb
Strontium	86-1	265.07	262.87	265.51	264.48	0.54	ppb
Strontium	88-1	257.69	260.63	264.01	260.78	1.21	ppb
Sulfur	34-1	-2363.60	-2573.71	-2538.28	-2491.86		ppb
Terbium	159-1				107		%
Terbium	159-2				102		%
Thallium	203-1	196.09	199.93	201.83	199.29	1.47	ppb
Thallium	205-1	194.10	197.17	199.93	197.07	1.48	ppb

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	M2214-11DLREX5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDLRE	Dilution Factor :	5
Date & Time Acquired ::	2021-05-27 18:03:11	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	11.52	11.72	11.87	11.71	1.50	ppb
Tin	118-1	153.63	158.45	159.38	157.15	1.96	ppb
Titanium	47-1	1306.67	1338.83	1337.25	1327.58	1.37	ppb
Uranium	238-1	68.36	70.09	70.48	69.64	1.63	ppb
Vanadium	51-2	110.15	109.99	111.12	110.42	0.55	ppb
Yttrium	89-1				104		%
Yttrium	89-2				100		%
Zinc	66-2	1172.72	1180.25	1205.09	1186.02	1.43	ppb
Zirconium	90-1	7.82	7.75	7.90	7.82	0.93	ppb
Zirconium	91-1	8.33	7.95	8.25	8.17	2.46	ppb

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	M2214-11DL2RE2X10	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL2RE2	Dilution Factor :	10
Date & Time Acquired ::	2021-05-27 18:06:38	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9380.80	9420.92	9328.78	9376.83	0.49	ppb
Antimony	121-1	68.86	69.75	69.36	69.32	0.65	ppb
Arsenic	75-2	280.49	279.11	277.58	279.06	0.52	ppb
Barium	135-1	548.88	559.48	553.56	553.97	0.96	ppb
Barium	137-1	547.65	554.20	550.21	550.69	0.60	ppb
Beryllium	9-1	53.81	55.11	54.47	54.47	1.19	ppb
Bismuth	209-1				105		%
Bismuth	209-2				97		%
Boron	10-1	361.56	373.87	379.05	371.49	2.42	ppb
Boron	11-1	358.16	380.26	377.17	371.87	3.22	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	211.75	216.44	214.49	214.23	1.10	ppb
Cadmium	106-1	169.08	171.26	174.81	171.72	1.68	ppb
Cadmium	108-1	181.75	182.48	177.95	180.73	1.35	ppb
Calcium	43-1	14422.24	14636.11	14657.52	14571.96	0.89	ppb
Calcium	44-1	14342.29	14609.97	14534.25	14495.50	0.95	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	154.34	154.47	153.38	154.06	0.39	ppb
Cobalt	59-2	304.23	305.40	304.73	304.79	0.19	ppb
Copper	63-2	309.63	312.06	311.18	310.96	0.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				100		%
Indium	115-1				103		%
Indium	115-2				96		%
Iron	56-2	15773.18	15829.35	15624.47	15742.34	0.67	ppb
Iron	57-2	15796.45	15885.01	15730.88	15804.11	0.49	ppb

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	M2214-11DL2RE2X10	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL2RE2	Dilution Factor :	10
Date & Time Acquired ::	2021-05-27 18:06:38	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	15972.77	16075.31	16073.64	16040.57	0.37	ppb
Krypton	83-1						cps
Lead	206-1	71.39	72.44	72.78	72.21	1.00	ppb
Lead	207-1	67.47	68.83	69.32	68.54	1.40	ppb
Lead	208-1	69.75	70.91	70.90	70.52	0.94	ppb
Lithium	6-1				102		%
Magnesium	24-2	18991.71	18810.67	18783.52	18861.97	0.60	ppb
Manganese	55-2	1350.80	1356.01	1353.11	1353.31	0.19	ppb
Molybdenum	94-1	27.62	28.61	28.38	28.20	1.84	ppb
Molybdenum	95-1	30.95	31.51	31.71	31.39	1.25	ppb
Molybdenum	96-1	30.05	31.51	30.91	30.82	2.38	ppb
Molybdenum	97-1	30.36	31.46	31.06	30.96	1.80	ppb
Molybdenum	98-1	30.49	31.72	31.00	31.07	1.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	92.11	93.31	93.18	92.87	0.71	ppb
Phosphorus	31-2	653.51	687.06	647.66	662.74	3.21	ppb
Potassium	39-2	19453.25	19468.71	19353.00	19424.99	0.32	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				96		%
Scandium	45-2				93		%
Selenium	82-1	232.79	230.74	234.81	232.78	0.87	ppb
Selenium	77-2	252.13	241.55	251.63	248.44	2.40	ppb
Selenium	78-2	229.79	230.54	228.52	229.62	0.44	ppb
Silicon	28-1	1237.36	1324.48	1260.02	1273.95	3.55	ppb
Silver	107-1	42.31	42.58	41.57	42.15	1.24	ppb
Silver	109-1	41.84	42.37	42.68	42.29	1.01	ppb
Sodium	23-2	2229.30	2245.43	2218.54	2231.09	0.61	ppb
Strontium	86-1	136.75	136.41	139.18	137.45	1.10	ppb
Strontium	88-1	135.61	137.45	134.63	135.89	1.05	ppb
Sulfur	34-1	-2598.71	-2724.66	-2811.09	-2711.49		ppb
Terbium	159-1				107		%
Terbium	159-2				102		%
Thallium	203-1	99.00	100.74	99.98	99.91	0.87	ppb
Thallium	205-1	98.33	100.38	99.69	99.47	1.05	ppb

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	M2214-11DL2RE2X10	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL2RE2	Dilution Factor :	10
Date & Time Acquired ::	2021-05-27 18:06:38	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	5.80	5.91	5.81	5.84	1.11	ppb
Tin	118-1	79.47	80.11	80.45	80.01	0.62	ppb
Titanium	47-1	681.69	681.32	684.77	682.60	0.28	ppb
Uranium	238-1	34.97	35.24	34.50	34.90	1.07	ppb
Vanadium	51-2	56.26	56.51	56.37	56.38	0.23	ppb
Yttrium	89-1				101		%
Yttrium	89-2				98		%
Zinc	66-2	606.05	606.43	611.43	607.97	0.49	ppb
Zirconium	90-1	4.02	4.12	3.99	4.05	1.66	ppb
Zirconium	91-1	4.11	3.93	4.00	4.01	2.25	ppb

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	M2214-11RE	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILRE	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 18:09:42	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	85232.57	85607.42	85687.76	85509.25	0.28	ppb
Antimony	121-1	646.20	658.87	675.23	660.10	2.20	ppb
Arsenic	75-2	2449.02	2474.09	2477.24	2466.78	0.63	ppb
Barium	135-1	5311.96	5416.26	5574.73	5434.32	2.43	ppb
Barium	137-1	5306.66	5413.20	5581.76	5433.87	2.55	ppb
Beryllium	9-1	269.48	257.72	254.99	260.73	2.95	ppb
Bismuth	209-1				106		%
Bismuth	209-2				92		%
Boron	10-1	1704.06	1733.38	1742.83	1726.76	1.17	ppb
Boron	11-1	1738.55	1756.23	1765.79	1753.53	0.79	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1950.96	1987.39	2028.31	1988.89	1.95	ppb
Cadmium	106-1	1594.72	1615.30	1653.65	1621.22	1.84	ppb
Cadmium	108-1	1683.99	1711.60	1754.87	1716.82	2.08	ppb
Calcium	43-1	128909.56	131740.50	137592.89	132747.65	3.34	ppb
Calcium	44-1	123456.47	126690.06	130531.31	126892.61	2.79	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1457.24	1450.62	1452.90	1453.59	0.23	ppb
Cobalt	59-2	2957.37	2963.02	2955.83	2958.74	0.13	ppb
Copper	63-2	3034.20	3008.21	3031.56	3024.66	0.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				99		%
Indium	115-1				109		%
Indium	115-2				95		%
Iron	56-2	151322.95	148776.64	150356.06	150151.88	0.86	ppb
Iron	57-2	147754.49	150031.77	148450.11	148745.46	0.78	ppb

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	M2214-11RE	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILRE	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 18:09:42	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	150991.03	150027.17	150079.82	150366.01	0.36	ppb
Krypton	83-1						cps
Lead	206-1	665.31	680.89	716.46	687.55	3.81	ppb
Lead	207-1	636.84	651.82	682.58	657.08	3.55	ppb
Lead	208-1	674.03	687.01	721.23	694.09	3.51	ppb
Lithium	6-1				188		%
Magnesium	24-2	176150.38	174889.99	173920.76	174987.04	0.64	ppb
Manganese	55-2	13045.07	13005.34	12944.98	12998.46	0.39	ppb
Molybdenum	94-1	238.10	246.79	249.12	244.67	2.37	ppb
Molybdenum	95-1	262.95	272.33	276.56	270.61	2.57	ppb
Molybdenum	96-1	262.90	269.26	272.41	268.19	1.81	ppb
Molybdenum	97-1	265.87	276.58	275.84	272.76	2.19	ppb
Molybdenum	98-1	262.20	271.43	275.00	269.54	2.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	863.45	865.48	863.93	864.29	0.12	ppb
Phosphorus	31-2	6071.32	6248.71	6245.23	6188.42	1.64	ppb
Potassium	39-2	173366.35	174960.78	171137.25	173154.79	1.11	ppb
Rhodium	103-1				94		%
Rhodium	103-2				90		%
Scandium	45-1				100		%
Scandium	45-2				91		%
Selenium	82-1	1950.94	2010.25	2041.71	2000.97	2.30	ppb
Selenium	77-2	2175.28	2125.92	2085.35	2128.85	2.12	ppb
Selenium	78-2	2025.75	1999.95	2045.22	2023.64	1.12	ppb
Silicon	28-1	10860.10	11076.78	11647.23	11194.70	3.63	ppb
Silver	107-1	381.95	386.58	396.87	388.47	1.97	ppb
Silver	109-1	383.48	388.57	396.60	389.55	1.70	ppb
Sodium	23-2	21204.78	21019.26	21080.81	21101.62	0.45	ppb
Strontium	86-1	1159.39	1204.24	1206.95	1190.20	2.24	ppb
Strontium	88-1	1185.98	1228.30	1242.94	1219.07	2.43	ppb
Sulfur	34-1	-3378.03	-3497.11	-3037.71	-3304.28		ppb
Terbium	159-1				108		%
Terbium	159-2				99		%
Thallium	203-1	978.00	994.37	1040.67	1004.34	3.24	ppb
Thallium	205-1	970.69	1001.52	1043.55	1005.25	3.64	ppb

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	M2214-11RE	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILRE	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 18:09:42	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	56.45	58.21	60.86	58.51	3.79	ppb
Tin	118-1	739.83	751.56	770.60	754.00	2.06	ppb
Titanium	47-1	6209.42	6110.18	6411.56	6243.72	2.46	ppb
Uranium	238-1	358.64	368.54	382.66	369.95	3.26	ppb
Vanadium	51-2	538.34	539.44	536.14	537.98	0.31	ppb
Yttrium	89-1				113		%
Yttrium	89-2				102		%
Zinc	66-2	5591.18	5614.12	5606.69	5604.00	0.21	ppb
Zirconium	90-1	34.83	35.43	36.00	35.42	1.65	ppb
Zirconium	91-1	35.55	36.53	37.19	36.42	2.27	ppb

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	M2214-11DL2RE3X10	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL2RE3	Dilution Factor :	10
Date & Time Acquired ::	2021-05-27 18:12:36	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9310.10	9218.45	9188.63	9239.06	0.69	ppb
Antimony	121-1	68.40	68.67	69.08	68.72	0.50	ppb
Arsenic	75-2	276.54	278.91	277.05	277.50	0.45	ppb
Barium	135-1	539.23	546.39	546.86	544.16	0.79	ppb
Barium	137-1	540.11	546.09	539.68	541.96	0.66	ppb
Beryllium	9-1	52.70	52.00	53.90	52.87	1.82	ppb
Bismuth	209-1				105		%
Bismuth	209-2				95		%
Boron	10-1	435.69	450.05	474.25	453.33	4.30	ppb
Boron	11-1	441.22	445.81	463.74	450.26	2.64	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	209.56	209.91	210.07	209.85	0.12	ppb
Cadmium	106-1	161.27	169.14	162.12	164.18	2.63	ppb
Cadmium	108-1	182.64	176.74	176.95	178.78	1.87	ppb
Calcium	43-1	14249.50	14589.58	14644.95	14494.68	1.48	ppb
Calcium	44-1	14064.69	14437.96	14547.69	14350.11	1.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	154.40	154.66	154.16	154.41	0.16	ppb
Cobalt	59-2	307.53	305.59	308.13	307.08	0.43	ppb
Copper	63-2	316.51	313.27	314.90	314.90	0.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				93		%
Iron	56-2	15784.51	15662.25	15807.48	15751.41	0.50	ppb
Iron	57-2	15744.25	15734.11	15805.05	15761.14	0.24	ppb

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	M2214-11DL2RE3X10	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL2RE3	Dilution Factor :	10
Date & Time Acquired ::	2021-05-27 18:12:36	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	16150.80	16129.43	16069.33	16116.52	0.26	ppb
Krypton	83-1						cps
Lead	206-1	70.94	72.15	72.69	71.93	1.25	ppb
Lead	207-1	67.96	68.20	69.21	68.46	0.97	ppb
Lead	208-1	69.36	69.93	71.08	70.12	1.25	ppb
Lithium	6-1				99		%
Magnesium	24-2	18444.81	18284.33	18338.54	18355.89	0.44	ppb
Manganese	55-2	1364.26	1354.66	1360.79	1359.90	0.36	ppb
Molybdenum	94-1	27.50	27.74	27.57	27.60	0.43	ppb
Molybdenum	95-1	29.73	31.09	30.64	30.49	2.26	ppb
Molybdenum	96-1	29.58	30.97	30.67	30.41	2.41	ppb
Molybdenum	97-1	30.82	31.85	30.92	31.20	1.82	ppb
Molybdenum	98-1	30.35	31.32	31.17	30.94	1.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	93.91	93.77	93.99	93.89	0.12	ppb
Phosphorus	31-2	573.81	625.63	682.75	627.40	8.69	ppb
Potassium	39-2	19372.12	19278.53	19191.16	19280.60	0.47	ppb
Rhodium	103-1				96		%
Rhodium	103-2				94		%
Scandium	45-1				91		%
Scandium	45-2				88		%
Selenium	82-1	230.36	231.27	234.64	232.09	0.97	ppb
Selenium	77-2	231.62	239.79	225.71	232.37	3.04	ppb
Selenium	78-2	234.50	227.29	227.02	229.60	1.85	ppb
Silicon	28-1	1214.64	1232.60	1268.47	1238.57	2.21	ppb
Silver	107-1	41.00	42.09	41.36	41.48	1.33	ppb
Silver	109-1	41.44	41.42	41.58	41.48	0.20	ppb
Sodium	23-2	2213.21	2198.11	2236.34	2215.89	0.87	ppb
Strontium	86-1	135.28	136.06	136.50	135.95	0.46	ppb
Strontium	88-1	133.16	136.52	135.16	134.95	1.25	ppb
Sulfur	34-1	-3889.05	-3541.34	-3541.55	-3657.31		ppb
Terbium	159-1				105		%
Terbium	159-2				100		%
Thallium	203-1	99.27	99.18	100.66	99.70	0.83	ppb
Thallium	205-1	97.84	99.36	100.61	99.27	1.40	ppb

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	M2214-11DL2RE3X10	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL2RE3	Dilution Factor :	10
Date & Time Acquired ::	2021-05-27 18:12:36	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	5.85	5.89	5.88	5.87	0.41	ppb
Tin	118-1	78.67	79.58	80.06	79.43	0.89	ppb
Titanium	47-1	669.34	680.61	683.99	677.98	1.13	ppb
Uranium	238-1	34.62	35.53	35.54	35.23	1.49	ppb
Vanadium	51-2	56.74	55.78	57.18	56.57	1.27	ppb
Yttrium	89-1				99		%
Yttrium	89-2				93		%
Zinc	66-2	621.19	607.77	616.60	615.19	1.11	ppb
Zirconium	90-1	3.88	3.91	3.92	3.90	0.51	ppb
Zirconium	91-1	3.77	3.97	4.01	3.92	3.28	ppb

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	CCV15	Instrumnet Name :	P7
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 18:24:05	DataFile Name :	034CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48220.03	48066.15	47637.29	47974.49	0.63	ppb
Antimony	121-1	457.04	462.01	469.08	462.71	1.31	ppb
Arsenic	75-2	483.74	482.83	481.92	482.83	0.19	ppb
Barium	135-1	2319.72	2336.26	2407.93	2354.64	1.99	ppb
Barium	137-1	2391.52	2411.51	2468.20	2423.74	1.64	ppb
Beryllium	9-1	481.86	490.52	493.42	488.60	1.23	ppb
Bismuth	209-1				97		%
Bismuth	209-2				89		%
Boron	10-1	510.64	548.29	550.40	536.44	4.17	ppb
Boron	11-1	510.69	539.16	553.29	534.38	4.06	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	459.15	463.69	475.06	465.97	1.76	ppb
Cadmium	106-1	447.71	444.93	463.22	451.95	2.18	ppb
Cadmium	108-1	456.08	455.71	469.06	460.28	1.65	ppb
Calcium	43-1	249724.72	255547.16	256737.17	254003.02	1.48	ppb
Calcium	44-1	239480.99	245035.21	246990.89	243835.70	1.60	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	495.98	489.97	489.73	491.89	0.72	ppb
Cobalt	59-2	494.46	487.48	486.90	489.61	0.86	ppb
Copper	63-2	4917.34	4846.27	4821.65	4861.75	1.02	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				98		%
Indium	115-1				95		%
Indium	115-2				89		%
Iron	56-2	127432.45	126529.28	126720.16	126893.96	0.38	ppb
Iron	57-2	125672.64	125683.10	125758.34	125704.69	0.04	ppb

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	CCV15	Instrumnet Name :	P7
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 18:24:05	DataFile Name :	034CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	128172.79	124910.17	126640.07	126574.34	1.29	ppb
Krypton	83-1						cps
Lead	206-1	2469.26	2501.57	2495.91	2488.91	0.69	ppb
Lead	207-1	2486.28	2484.90	2486.86	2486.02	0.04	ppb
Lead	208-1	2457.04	2482.67	2484.84	2474.85	0.62	ppb
Lithium	6-1				85		%
Magnesium	24-2	246470.52	244208.75	241252.50	243977.26	1.07	ppb
Manganese	55-2	4963.52	4884.42	4898.89	4915.61	0.86	ppb
Molybdenum	94-1	2422.86	2416.65	2453.30	2430.94	0.81	ppb
Molybdenum	95-1	2436.32	2435.34	2434.12	2435.26	0.05	ppb
Molybdenum	96-1	2412.57	2427.02	2446.39	2428.66	0.70	ppb
Molybdenum	97-1	2333.82	2361.09	2391.87	2362.26	1.23	ppb
Molybdenum	98-1	2401.10	2399.18	2429.49	2409.92	0.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	489.69	486.97	485.99	487.55	0.39	ppb
Phosphorus	31-2	9872.98	9464.07	9871.79	9736.28	2.42	ppb
Potassium	39-2	123784.42	122699.81	122848.22	123110.81	0.48	ppb
Rhodium	103-1				90		%
Rhodium	103-2				88		%
Scandium	45-1				90		%
Scandium	45-2				88		%
Selenium	82-1	461.16	462.14	465.66	462.99	0.51	ppb
Selenium	77-2	499.57	475.60	467.76	480.98	3.45	ppb
Selenium	78-2	476.61	474.63	476.84	476.03	0.26	ppb
Silicon	28-1	544.81	593.83	622.61	587.08	6.70	ppb
Silver	107-1	442.31	448.96	460.69	450.65	2.06	ppb
Silver	109-1	444.79	451.04	464.19	453.34	2.18	ppb
Sodium	23-2	252419.18	249687.88	248390.99	250166.02	0.82	ppb
Strontium	86-1	4773.36	4887.70	4913.86	4858.30	1.54	ppb
Strontium	88-1	4779.98	4793.49	4903.10	4825.52	1.40	ppb
Sulfur	34-1	7633.95	8024.75	8075.20	7911.30	3.05	ppb
Terbium	159-1				101		%
Terbium	159-2				97		%
Thallium	203-1	480.09	485.51	485.21	483.60	0.63	ppb
Thallium	205-1	493.60	503.17	500.19	498.99	0.98	ppb

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	CCV15	Instrumnet Name :	P7
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 18:24:05	DataFile Name :	034CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	491.82	498.23	499.59	496.55	0.84	ppb
Tin	118-1	469.53	471.67	482.33	474.51	1.45	ppb
Titanium	47-1	2397.14	2453.14	2444.74	2431.67	1.24	ppb
Uranium	238-1	493.37	492.52	494.67	493.52	0.22	ppb
Vanadium	51-2	500.57	495.88	498.30	498.25	0.47	ppb
Yttrium	89-1				96		%
Yttrium	89-2				92		%
Zinc	66-2	4855.87	4766.41	4783.18	4801.82	0.99	ppb
Zirconium	90-1	471.78	475.74	480.82	476.11	0.95	ppb
Zirconium	91-1	483.00	487.02	490.73	486.92	0.79	ppb

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	CCB15	Instrumnet Name :	P7
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 18:37:47	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.82	1.06	0.54	0.81	32.29	ppb
Antimony	121-1	0.02	0.04	0.03	0.03	22.46	ppb
Arsenic	75-2	-0.03	0.04	0.02	0.01	343.82	ppb
Barium	135-1	0.05	0.00	-0.02	0.01	349.13	ppb
Barium	137-1	0.05	0.02	0.02	0.03	48.82	ppb
Beryllium	9-1	0.06	0.04	0.00	0.03	81.96	ppb
Bismuth	209-1				104		%
Bismuth	209-2				96		%
Boron	10-1	12.00	13.61	12.62	12.74	6.36	ppb
Boron	11-1	13.83	12.80	13.01	13.21	4.15	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.34	-0.31	-0.27	-0.31		ppb
Cadmium	106-1	-4.78	-4.26	-3.71	-4.25		ppb
Cadmium	108-1	-0.59	-0.62	-0.48	-0.57		ppb
Calcium	43-1	6.56	7.04	8.36	7.32	12.74	ppb
Calcium	44-1	5.66	3.26	4.12	4.35	27.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	0.01	0.03	0.03	45.16	ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	0.16	0.21	0.13	0.17	22.03	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				99		%
Indium	115-1				101		%
Indium	115-2				95		%
Iron	56-2	2.74	2.65	2.80	2.73	2.73	ppb
Iron	57-2	2.39	2.93	2.08	2.47	17.33	ppb

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	CCB15	Instrumnet Name :	P7
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 18:37:47	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2.91	2.58	2.58	2.69	7.11	ppb
Krypton	83-1						cps
Lead	206-1	0.27	0.28	0.29	0.28	3.66	ppb
Lead	207-1	0.27	0.27	0.24	0.26	5.80	ppb
Lead	208-1	0.28	0.27	0.27	0.28	2.50	ppb
Lithium	6-1				90		%
Magnesium	24-2	5.80	4.97	5.42	5.40	7.72	ppb
Manganese	55-2	0.15	0.11	0.12	0.13	15.27	ppb
Molybdenum	94-1	0.08	0.04	0.02	0.05	71.03	ppb
Molybdenum	95-1	0.08	0.05	0.05	0.06	24.71	ppb
Molybdenum	96-1	0.07	0.04	0.03	0.05	39.52	ppb
Molybdenum	97-1	0.08	0.02	0.05	0.05	65.29	ppb
Molybdenum	98-1	0.05	0.04	0.05	0.05	22.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.01	0.01	0.00		ppb
Phosphorus	31-2	-18.56	-25.74	-10.84	-18.38		ppb
Potassium	39-2	-12.44	-9.57	-2.59	-8.20		ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				92		%
Scandium	45-2				90		%
Selenium	82-1	0.57	-0.47	-0.27	-0.06		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.57	-0.57	0.63	0.21	318.96	ppb
Silicon	28-1	-8.40	-8.65	-8.36	-8.47		ppb
Silver	107-1	0.02	0.01	0.00	0.01	55.30	ppb
Silver	109-1	0.02	0.01	0.02	0.02	22.57	ppb
Sodium	23-2	17.38	16.87	16.10	16.78	3.85	ppb
Strontium	86-1	0.06	-0.06	0.18	0.06	188.15	ppb
Strontium	88-1	0.08	0.08	0.08	0.08	0.81	ppb
Sulfur	34-1	-1397.32	-1543.53	-1417.48	-1452.78		ppb
Terbium	159-1				103		%
Terbium	159-2				99		%
Thallium	203-1	0.25	0.24	0.25	0.25	1.50	ppb
Thallium	205-1	0.23	0.26	0.27	0.25	7.41	ppb

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	CCB15	Instrumnet Name :	P7
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 18:37:47	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.00	0.00	0.00	27.16	ppb
Tin	118-1	0.00	0.01	0.01	0.01	142.33	ppb
Titanium	47-1	-0.01	0.05	0.05	0.03	104.27	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	30.00	ppb
Vanadium	51-2	0.00	0.01	0.01	0.01	64.71	ppb
Yttrium	89-1				98		%
Yttrium	89-2				94		%
Zinc	66-2	0.22	0.25	0.25	0.24	6.58	ppb
Zirconium	90-1	0.02	0.03	0.02	0.02	21.21	ppb
Zirconium	91-1	0.05	0.05	0.05	0.05	4.61	ppb

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:32:46	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	83	92	83	10.00	cps
Antimony	121-1	108	208	208	175	32.99	cps
Arsenic	75-2	15	11	22	16	35.26	cps
Barium	135-1	75	75	67	72	6.66	cps
Barium	137-1	33	33	42	36	13.33	cps
Beryllium	9-1	44	83	28	52	54.98	cps
Bismuth	209-1	8168902	8093337	8040787	8101009	0.79	cps
Bismuth	209-2	5944235	5965797	5933441	5947825	0.28	cps
Boron	10-1	67	125	83	92	32.77	cps
Boron	11-1	400	400	375	392	3.69	cps
Bromine	81-1	6043	5843	5801	5896	2.19	cps
Bromine	81-2	80	90	90	87	6.66	cps
Cadmium	111-1	3467	3353	3357	3392	1.91	cps
Cadmium	106-1	4951	4801	4834	4862	1.62	cps
Cadmium	108-1	100	113	75	96	19.92	cps
Calcium	43-1	250	200	133	194	30.10	cps
Calcium	44-1	9829	9987	9853	9890	0.86	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1213	1283	1057	1185	9.80	cps
Cobalt	59-2	287	260	237	261	9.58	cps
Copper	63-2	807	777	773	786	2.34	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	50	75	67	64	19.92	cps
Erbium	164-2	37	47	90	58	49.06	cps
Gadolinium	160-1	25	42	58	42	40.00	cps
Gadolinium	160-2	63	93	120	92	30.74	cps
Holmium	165-1	11683065	11250735	11295361	11409720	2.08	cps
Holmium	165-2	7774653	7652715	7634537	7687302	0.99	cps
Indium	115-1	8536537	8330247	8383630	8416805	1.27	cps
Indium	115-2	2491721	2506504	2494999	2497741	0.31	cps
Iron	56-2	4467	4217	4362	4349	2.89	cps
Iron	57-2	139	161	167	156	9.45	cps

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:32:46	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	851	661	931	814	17.05	cps
Krypton	83-1	2037	1753	1927	1906	7.50	cps
Lead	206-1	522	394	444	454	14.19	cps
Lead	207-1	406	444	433	428	4.68	cps
Lead	208-1	1856	1911	1917	1895	1.78	cps
Lithium	6-1	2112144	2060663	2072008	2081605	1.30	cps
Magnesium	24-2	92	200	192	161	37.42	cps
Manganese	55-2	117	123	90	110	16.03	cps
Molybdenum	94-1	267	317	217	267	18.75	cps
Molybdenum	95-1	67	33	42	47	36.74	cps
Molybdenum	96-1	108	83	142	111	26.34	cps
Molybdenum	97-1	25	0	42	22	94.38	cps
Molybdenum	98-1	92	133	117	114	18.41	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	140	110	63	104	36.99	cps
Phosphorus	31-2	492	442	608	514	16.64	cps
Potassium	39-2	47233	47134	47761	47376	0.71	cps
Rhodium	103-1	7993249	7816507	7959977	7923244	1.19	cps
Rhodium	103-2	4755278	4775383	4783278	4771313	0.30	cps
Scandium	45-1	4809913	4718939	4732602	4753818	1.03	cps
Scandium	45-2	343160	346347	343728	344412	0.49	cps
Selenium	82-1	-70	164	-4	30	404.62	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	113	100	111	108	6.49	cps
Silicon	28-1	311378	311515	312342	311745	0.17	cps
Silver	107-1	42	67	75	61	28.38	cps
Silver	109-1	8	8	8	8	0.00	cps
Sodium	23-2	10437	9920	10412	10257	2.84	cps
Strontium	86-1	2900	3100	3159	3053	4.44	cps
Strontium	88-1	200	233	275	236	15.91	cps
Sulfur	34-1	523793	533161	531605	529520	0.95	cps
Terbium	159-1	11683838	11398953	11436864	11506552	1.34	cps
Terbium	159-2	7518283	7536182	7353612	7469359	1.35	cps
Thallium	203-1	1150	1025	1133	1103	6.16	cps
Thallium	205-1	2309	2484	2375	2389	3.70	cps

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:32:46	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	339	400	339	359	9.82	cps
Tin	118-1	908	892	758	853	9.64	cps
Titanium	47-1	100	108	108	106	4.56	cps
Uranium	238-1	108	133	158	133	18.75	cps
Vanadium	51-2	13	37	10	20	72.66	cps
Yttrium	89-1	12265918	11994343	12026947	12095736	1.23	cps
Yttrium	89-2	2577349	2582314	2571606	2577090	0.21	cps
Zinc	66-2	313	273	290	292	6.90	cps
Zirconium	90-1	733	750	683	722	4.80	cps
Zirconium	91-1	75	83	108	89	19.52	cps

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:35:51	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2500	2667	2959	2709	8.57	cps
Antimony	121-1	14483	14766	16185	15145	6.02	cps
Arsenic	75-2	320	289	352	320	9.83	cps
Barium	135-1	16552	17086	17119	16919	1.88	cps
Barium	137-1	28162	29741	29498	29134	2.92	cps
Beryllium	9-1	1400	1395	1445	1413	1.94	cps
Bismuth	209-1	8204843	8003005	8104887	8104245	1.25	cps
Bismuth	209-2	5907793	5868568	5919965	5898776	0.46	cps
Boron	10-1	3367	4209	4017	3864	11.42	cps
Boron	11-1	18170	19329	18946	18815	3.14	cps
Bromine	81-1	6218	5876	6076	6057	2.84	cps
Bromine	81-2	40	50	30	40	25.00	cps
Cadmium	111-1	5274	5311	5455	5347	1.78	cps
Cadmium	106-1	5018	5026	5143	5062	1.38	cps
Cadmium	108-1	233	267	238	246	7.39	cps
Calcium	43-1	9337	10104	9812	9751	3.97	cps
Calcium	44-1	168202	172747	170919	170623	1.34	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6848	7025	7145	7006	2.13	cps
Cobalt	59-2	5154	5154	5064	5124	1.01	cps
Copper	63-2	7292	7762	7599	7551	3.16	cps
Dysprosium	156-1	33	0	0	11	173.21	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	50	100	92	81	33.25	cps
Erbium	164-2	47	67	47	53	21.65	cps
Gadolinium	160-1	25	67	25	39	61.86	cps
Gadolinium	160-2	77	80	80	79	2.44	cps
Holmium	165-1	11466490	11332610	11167144	11322081	1.32	cps
Holmium	165-2	7695459	7612002	7502796	7603419	1.27	cps
Indium	115-1	8553646	8522230	8393689	8489855	1.00	cps
Indium	115-2	2484432	2493583	2489417	2489144	0.18	cps
Iron	56-2	138293	139701	139885	139293	0.63	cps
Iron	57-2	3562	3423	3484	3489	2.00	cps

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:35:51	DataFile Name :	004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	8091	8181	8271	8181	1.10	cps
Krypton	83-1	1807	1910	1923	1880	3.40	cps
Lead	206-1	7313	7258	6907	7159	3.07	cps
Lead	207-1	6446	6207	6313	6322	1.89	cps
Lead	208-1	29002	28918	28551	28824	0.83	cps
Lithium	6-1	2099630	2091808	2050488	2080642	1.27	cps
Magnesium	24-2	132657	132043	131514	132071	0.43	cps
Manganese	55-2	1967	2020	2033	2007	1.76	cps
Molybdenum	94-1	14124	14332	13640	14032	2.53	cps
Molybdenum	95-1	16844	18137	17344	17442	3.74	cps
Molybdenum	96-1	18829	19155	20023	19336	3.19	cps
Molybdenum	97-1	11171	11180	11155	11169	0.11	cps
Molybdenum	98-1	28755	28771	28813	28780	0.10	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1390	1453	1480	1441	3.21	cps
Phosphorus	31-2	667	533	525	575	13.83	cps
Potassium	39-2	167719	169581	168554	168618	0.55	cps
Rhodium	103-1	7929197	7852322	7842129	7874549	0.60	cps
Rhodium	103-2	4770722	4745295	4775214	4763744	0.34	cps
Scandium	45-1	4744898	4733703	4724451	4734351	0.22	cps
Scandium	45-2	342844	339346	340751	340980	0.52	cps
Selenium	82-1	693	646	651	663	3.95	cps
Selenium	77-2	57	80	50	62	25.32	cps
Selenium	78-2	280	248	263	264	5.97	cps
Silicon	28-1	366941	366623	370271	367945	0.55	cps
Silver	107-1	8795	9337	9120	9084	3.00	cps
Silver	109-1	8436	8820	9295	8850	4.86	cps
Sodium	23-2	235164	241031	237908	238034	1.23	cps
Strontium	86-1	5109	5576	6010	5565	8.09	cps
Strontium	88-1	18813	20573	19247	19544	4.69	cps
Sulfur	34-1	525858	537421	539997	534425	1.41	cps
Terbium	159-1	11660498	11340688	11405487	11468891	1.47	cps
Terbium	159-2	7575281	7468096	7511695	7518357	0.72	cps
Thallium	203-1	9445	9237	9353	9345	1.12	cps
Thallium	205-1	21042	21802	22361	21735	3.05	cps

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:35:51	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	350	294	322	322	8.62	cps
Tin	118-1	31386	30534	30559	30826	1.57	cps
Titanium	47-1	4709	4776	4459	4648	3.59	cps
Uranium	238-1	27045	27279	26987	27104	0.57	cps
Vanadium	51-2	11908	12118	12115	12047	1.00	cps
Yttrium	89-1	11892472	12001255	12022871	11972200	0.58	cps
Yttrium	89-2	2590671	2570592	2562175	2574479	0.57	cps
Zinc	66-2	1641	1510	1326	1492	10.58	cps
Zirconium	90-1	11914	11213	11547	11558	3.03	cps
Zirconium	91-1	2742	2442	2592	2592	5.79	cps

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:41:59	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	120480	121783	122758	121674	0.94	cps
Antimony	121-1	370058	377471	373346	373625	0.99	cps
Arsenic	75-2	16250	16140	15924	16105	1.03	cps
Barium	135-1	418084	421401	420071	419852	0.40	cps
Barium	137-1	730813	729200	716786	725600	1.06	cps
Beryllium	9-1	65870	65619	65954	65814	0.26	cps
Bismuth	209-1	8099481	8147458	8167578	8138172	0.43	cps
Bismuth	209-2	5899203	5921027	5893011	5904414	0.25	cps
Boron	10-1	7736	7610	7836	7727	1.46	cps
Boron	11-1	35292	37213	38708	37071	4.62	cps
Bromine	81-1	6193	6026	5693	5971	4.27	cps
Bromine	81-2	40	40	30	37	15.75	cps
Cadmium	111-1	100741	99492	101459	100564	0.99	cps
Cadmium	106-1	15809	14850	16009	15556	3.98	cps
Cadmium	108-1	7456	7544	7440	7480	0.75	cps
Calcium	43-1	105272	102990	104760	104341	1.15	cps
Calcium	44-1	1652154	1644780	1635961	1644298	0.49	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	144385	144768	143260	144138	0.54	cps
Cobalt	59-2	234886	233739	232573	233732	0.49	cps
Copper	63-2	1637695	1628280	1615593	1627189	0.68	cps
Dysprosium	156-1	17	42	33	31	41.66	cps
Dysprosium	156-2	27	23	40	30	29.40	cps
Erbium	164-1	50	117	92	86	39.11	cps
Erbium	164-2	40	30	53	41	28.47	cps
Gadolinium	160-1	75	75	117	89	27.07	cps
Gadolinium	160-2	83	103	103	97	11.95	cps
Holmium	165-1	11495294	11593430	11442642	11510455	0.66	cps
Holmium	165-2	7697275	7719145	7739513	7718644	0.27	cps
Indium	115-1	8697499	8533811	8509278	8580196	1.19	cps
Indium	115-2	2497588	2494949	2492203	2494913	0.11	cps
Iron	56-2	6356244	6289666	6199671	6281861	1.25	cps
Iron	57-2	163284	159679	159639	160867	1.30	cps

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:41:59	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	364329	361986	355971	360762	1.20	cps
Krypton	83-1	1867	1920	1940	1909	1.99	cps
Lead	206-1	1615978	1618387	1643122	1625829	0.92	cps
Lead	207-1	1467513	1472712	1492361	1477529	0.89	cps
Lead	208-1	6551525	6583372	6670852	6601916	0.94	cps
Lithium	6-1	2094904	2082156	2066695	2081252	0.68	cps
Magnesium	24-2	1308758	1311611	1295474	1305281	0.66	cps
Manganese	55-2	955747	956683	937846	950092	1.12	cps
Molybdenum	94-1	702185	711124	713610	708973	0.85	cps
Molybdenum	95-1	876132	879153	883654	879646	0.43	cps
Molybdenum	96-1	977051	980840	980823	979572	0.22	cps
Molybdenum	97-1	551232	556241	550123	552532	0.59	cps
Molybdenum	98-1	1425219	1425137	1427246	1425867	0.08	cps
Neodymium	150-1	27	20	40	29	35.25	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	62131	61190	60883	61401	1.06	cps
Phosphorus	31-2	6518	6852	6335	6568	3.99	cps
Potassium	39-2	679363	671149	661697	670737	1.32	cps
Rhodium	103-1	8005860	7862243	7922662	7930255	0.91	cps
Rhodium	103-2	4796478	4754654	4764638	4771923	0.46	cps
Scandium	45-1	4876768	4796582	4775720	4816357	1.11	cps
Scandium	45-2	342925	344282	338235	341814	0.93	cps
Selenium	82-1	5882	5981	5881	5914	0.97	cps
Selenium	77-2	383	437	400	407	6.71	cps
Selenium	78-2	1600	1452	1541	1531	4.87	cps
Silicon	28-1	534719	538043	538508	537090	0.38	cps
Silver	107-1	451217	457794	460371	456460	1.03	cps
Silver	109-1	443804	441832	446710	444115	0.55	cps
Sodium	23-2	2248491	2248600	2211709	2236267	0.95	cps
Strontium	86-1	1052274	1066664	1058030	1058989	0.68	cps
Strontium	88-1	9283321	9152658	9188887	9208289	0.73	cps
Sulfur	34-1	575402	578652	579748	577934	0.39	cps
Terbium	159-1	11623245	11644669	11655072	11640995	0.14	cps
Terbium	159-2	7519317	7491658	7566028	7525668	0.50	cps
Thallium	203-1	398628	403120	405350	402366	0.85	cps
Thallium	205-1	958486	976246	970935	968555	0.94	cps

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:41:59	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	1378989	1384439	1389074	1384167	0.36	cps
Tin	118-1	295823	301650	297055	298176	1.03	cps
Titanium	47-1	221876	226251	221420	223182	1.20	cps
Uranium	238-1	1340840	1335764	1335968	1337524	0.21	cps
Vanadium	51-2	117177	117872	117257	117435	0.32	cps
Yttrium	89-1	12508508	12130236	12256773	12298506	1.57	cps
Yttrium	89-2	2583980	2583929	2572615	2580175	0.25	cps
Zinc	66-2	277506	273350	273504	274787	0.86	cps
Zirconium	90-1	551254	557296	554340	554297	0.55	cps
Zirconium	91-1	124697	121989	124672	123786	1.26	cps

LB Number : LB114690 Operator : JASWAL
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2021-05-27 15:45:02 DataFile Name : 007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	299554	299504	294429	297829	0.99	cps
Antimony	121-1	910188	933253	936647	926696	1.55	cps
Arsenic	75-2	40482	40274	39808	40188	0.86	cps
Barium	135-1	1029141	1048500	1049375	1042338	1.10	cps
Barium	137-1	1776846	1786011	1805125	1789328	0.81	cps
Beryllium	9-1	156788	161116	162435	160113	1.85	cps
Bismuth	209-1	8197139	8321276	8178386	8232267	0.94	cps
Bismuth	209-2	5884099	5976465	5896453	5919006	0.85	cps
Boron	10-1	17694	18629	19814	18712	5.68	cps
Boron	11-1	85969	93152	95399	91506	5.38	cps
Bromine	81-1	6043	6135	6210	6129	1.36	cps
Bromine	81-2	40	40	70	50	34.64	cps
Cadmium	111-1	242593	243612	242758	242988	0.23	cps
Cadmium	106-1	31085	31026	30717	30943	0.64	cps
Cadmium	108-1	18020	18604	18725	18450	2.04	cps
Calcium	43-1	249512	254383	252062	251986	0.97	cps
Calcium	44-1	3959172	3981692	3982433	3974432	0.33	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	355104	354671	359135	356303	0.69	cps
Cobalt	59-2	576069	577675	576190	576644	0.16	cps
Copper	63-2	3934660	3967289	3945570	3949173	0.42	cps
Dysprosium	156-1	83	50	92	75	29.40	cps
Dysprosium	156-2	70	37	50	52	32.12	cps
Erbium	164-1	142	33	83	86	62.97	cps
Erbium	164-2	63	67	57	62	8.18	cps
Gadolinium	160-1	83	150	108	114	29.57	cps
Gadolinium	160-2	120	160	110	130	20.35	cps
Holmium	165-1	11765855	11522363	11529054	11605758	1.20	cps
Holmium	165-2	7742341	7680203	7721524	7714689	0.41	cps
Indium	115-1	8587517	8482685	8463785	8511329	0.78	cps
Indium	115-2	2481085	2515479	2483907	2493490	0.77	cps
Iron	56-2	15607596	15729138	15611298	15649344	0.44	cps
Iron	57-2	401074	395116	401588	399259	0.90	cps

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:45:02	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	894451	884455	892709	890538	0.60	cps
Krypton	83-1	1967	1843	1987	1932	4.02	cps
Lead	206-1	3985562	4004742	4016811	4002372	0.39	cps
Lead	207-1	3650588	3650277	3650642	3650502	0.01	cps
Lead	208-1	16653615	16818805	16777453	16749957	0.51	cps
Lithium	6-1	2082885	2073916	2083258	2080020	0.25	cps
Magnesium	24-2	3213050	3209176	3177196	3199807	0.61	cps
Manganese	55-2	2341998	2343858	2336003	2340620	0.18	cps
Molybdenum	94-1	1731000	1753986	1744055	1743014	0.66	cps
Molybdenum	95-1	2151627	2178138	2173411	2167725	0.65	cps
Molybdenum	96-1	2407309	2407765	2413129	2409401	0.13	cps
Molybdenum	97-1	1359318	1364728	1363892	1362646	0.21	cps
Molybdenum	98-1	3467968	3527211	3509310	3501496	0.87	cps
Neodymium	150-1	60	47	73	60	22.22	cps
Neodymium	150-2	17	10	27	18	47.19	cps
Nickel	60-2	152533	152293	152089	152305	0.15	cps
Phosphorus	31-2	15584	15350	15225	15386	1.18	cps
Potassium	39-2	1580491	1585187	1568899	1578193	0.53	cps
Rhodium	103-1	8074678	7842623	7828099	7915133	1.75	cps
Rhodium	103-2	4743294	4762460	4742806	4749520	0.24	cps
Scandium	45-1	4890207	4710480	4662431	4754373	2.53	cps
Scandium	45-2	339008	342800	342522	341444	0.62	cps
Selenium	82-1	14184	14425	14511	14374	1.18	cps
Selenium	77-2	1037	1077	1003	1039	3.53	cps
Selenium	78-2	3704	3699	3756	3720	0.85	cps
Silicon	28-1	827789	841991	853697	841159	1.54	cps
Silver	107-1	1129653	1135912	1137699	1134421	0.37	cps
Silver	109-1	1087175	1105664	1093607	1095482	0.86	cps
Sodium	23-2	5456252	5554481	5431878	5480870	1.18	cps
Strontium	86-1	2573596	2579615	2591348	2581520	0.35	cps
Strontium	88-1	22821979	22862471	22822144	22835531	0.10	cps
Sulfur	34-1	620505	619594	621257	620452	0.13	cps
Terbium	159-1	11664422	11582236	11483431	11576696	0.78	cps
Terbium	159-2	7583062	7643865	7609872	7612266	0.40	cps
Thallium	203-1	985238	997820	998829	993962	0.76	cps
Thallium	205-1	2356535	2371866	2395965	2374789	0.84	cps

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:45:02	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	3415696	3483180	3490723	3463200	1.19	cps
Tin	118-1	732113	736760	741637	736837	0.65	cps
Titanium	47-1	550567	552048	548329	550315	0.34	cps
Uranium	238-1	3312371	3336029	3319691	3322697	0.36	cps
Vanadium	51-2	292206	289413	289202	290274	0.58	cps
Yttrium	89-1	12230298	12019187	11976199	12075228	1.13	cps
Yttrium	89-2	2573804	2607859	2584489	2588717	0.67	cps
Zinc	66-2	673175	677627	675381	675394	0.33	cps
Zirconium	90-1	1374668	1376246	1373284	1374733	0.11	cps
Zirconium	91-1	309250	308973	304394	307539	0.89	cps

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:48:04	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	581955	581049	573909	578971	0.76	cps
Antimony	121-1	1818393	1838992	1851846	1836410	0.92	cps
Arsenic	75-2	79067	79255	78501	78941	0.50	cps
Barium	135-1	2038631	2057018	2073470	2056373	0.85	cps
Barium	137-1	3540976	3559772	3591022	3563924	0.71	cps
Beryllium	9-1	309511	314029	314423	312654	0.87	cps
Bismuth	209-1	8064526	8102094	8023560	8063394	0.49	cps
Bismuth	209-2	5864958	5848538	5868766	5860754	0.18	cps
Boron	10-1	34306	37012	39042	36787	6.46	cps
Boron	11-1	170316	181039	185330	178895	4.32	cps
Bromine	81-1	5935	6076	6126	6046	1.64	cps
Bromine	81-2	100	110	80	97	15.80	cps
Cadmium	111-1	477057	478652	483597	479769	0.71	cps
Cadmium	106-1	56128	57893	57542	57188	1.63	cps
Cadmium	108-1	35665	37353	37073	36697	2.46	cps
Calcium	43-1	501243	502087	505331	502887	0.43	cps
Calcium	44-1	7382472	7597786	7487316	7489191	1.44	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	701556	692686	688722	694321	0.95	cps
Cobalt	59-2	1130036	1129233	1115889	1125053	0.71	cps
Copper	63-2	8008212	8015815	7935443	7986490	0.56	cps
Dysprosium	156-1	100	142	75	106	31.91	cps
Dysprosium	156-2	113	103	93	103	9.68	cps
Erbium	164-1	158	67	125	117	39.77	cps
Erbium	164-2	77	77	63	72	10.66	cps
Gadolinium	160-1	175	158	158	164	5.87	cps
Gadolinium	160-2	210	163	167	180	14.46	cps
Holmium	165-1	11531189	11470112	11579819	11527040	0.48	cps
Holmium	165-2	7790271	7739874	7742318	7757488	0.37	cps
Indium	115-1	8422075	8327139	8393079	8380764	0.58	cps
Indium	115-2	2459787	2438117	2473491	2457132	0.73	cps
Iron	56-2	30955413	30705840	30468426	30709893	0.79	cps
Iron	57-2	788558	783634	776004	782732	0.81	cps

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:48:04	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1740097	1738020	1730872	1736329	0.28	cps
Krypton	83-1	1787	2020	1843	1883	6.46	cps
Lead	206-1	8274310	8342071	8354929	8323770	0.52	cps
Lead	207-1	7499232	7561295	7725330	7595286	1.54	cps
Lead	208-1	33810983	34055232	34181485	34015900	0.55	cps
Lithium	6-1	2033577	2045235	2051483	2043432	0.44	cps
Magnesium	24-2	6299368	6183920	6205764	6229684	0.98	cps
Manganese	55-2	4586949	4538918	4517542	4547803	0.78	cps
Molybdenum	94-1	3441910	3469563	3501941	3471138	0.87	cps
Molybdenum	95-1	4258353	4293701	4332136	4294730	0.86	cps
Molybdenum	96-1	4703999	4770535	4822402	4765645	1.25	cps
Molybdenum	97-1	2678480	2705601	2723128	2702403	0.83	cps
Molybdenum	98-1	7025464	7065815	7029157	7040145	0.32	cps
Neodymium	150-1	140	153	213	169	23.13	cps
Neodymium	150-2	13	23	27	21	32.88	cps
Nickel	60-2	295026	294610	294311	294649	0.12	cps
Phosphorus	31-2	29338	30031	29989	29786	1.30	cps
Potassium	39-2	3047966	3042019	3001474	3030487	0.83	cps
Rhodium	103-1	7854645	7792288	7820608	7822514	0.40	cps
Rhodium	103-2	4673409	4648856	4714170	4678812	0.71	cps
Scandium	45-1	4678050	4712556	4684315	4691640	0.39	cps
Scandium	45-2	340354	337341	338324	338673	0.45	cps
Selenium	82-1	28044	28156	28326	28175	0.50	cps
Selenium	77-2	2050	1910	2060	2007	4.18	cps
Selenium	78-2	6961	7198	6929	7030	2.09	cps
Silicon	28-1	1326274	1341039	1362644	1343319	1.36	cps
Silver	107-1	2197170	2244305	2240576	2227351	1.18	cps
Silver	109-1	2125376	2141251	2147105	2137911	0.53	cps
Sodium	23-2	10735163	10855557	10783696	10791472	0.56	cps
Strontium	86-1	5041081	5085666	5125507	5084085	0.83	cps
Strontium	88-1	44664833	44950099	45624578	45079837	1.09	cps
Sulfur	34-1	686844	681214	681313	683124	0.47	cps
Terbium	159-1	11643411	11631300	11668178	11647630	0.16	cps
Terbium	159-2	7547913	7474508	7539568	7520663	0.53	cps
Thallium	203-1	1949560	1968061	1997842	1971821	1.24	cps
Thallium	205-1	4676385	4723605	4802316	4734102	1.34	cps

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:48:04	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	7289832	7161294	6904360	7118495	2.76	cps
Tin	118-1	1425466	1448952	1456049	1443489	1.11	cps
Titanium	47-1	1091154	1095866	1104977	1097332	0.64	cps
Uranium	238-1	6594399	6612544	6668366	6625103	0.58	cps
Vanadium	51-2	573513	573038	565764	570772	0.76	cps
Yttrium	89-1	11946171	12064491	12098317	12036326	0.66	cps
Yttrium	89-2	2564085	2544214	2570079	2559459	0.53	cps
Zinc	66-2	1323776	1320742	1303221	1315913	0.84	cps
Zirconium	90-1	2713809	2732444	2751131	2732461	0.68	cps
Zirconium	91-1	614625	614113	622104	616947	0.72	cps

LB Number : LB114690 Operator : JASWAL
 Lab Sample ID : S6 Instrumnet Name : P7
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2021-05-27 15:51:03 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1102355	1093279	1102125	1099253	0.47	cps
Antimony	121-1	3570950	3621370	3589409	3593910	0.71	cps
Arsenic	75-2	151374	149026	149722	150041	0.80	cps
Barium	135-1	3994699	4048579	4027266	4023514	0.67	cps
Barium	137-1	7143068	7119638	7060911	7107872	0.60	cps
Beryllium	9-1	602528	608399	608800	606576	0.58	cps
Bismuth	209-1	8130834	8075177	8015799	8073937	0.71	cps
Bismuth	209-2	5626904	5603827	5609268	5613333	0.21	cps
Boron	10-1	70162	73662	73905	72577	2.89	cps
Boron	11-1	333488	350842	361824	348718	4.10	cps
Bromine	81-1	5535	5651	5618	5601	1.07	cps
Bromine	81-2	50	70	70	63	18.23	cps
Cadmium	111-1	916133	932132	929289	925851	0.92	cps
Cadmium	106-1	104307	106455	105432	105398	1.02	cps
Cadmium	108-1	70565	71989	72098	71551	1.20	cps
Calcium	43-1	979862	986138	975125	980375	0.56	cps
Calcium	44-1	14477393	14709855	14638842	14608697	0.82	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1313447	1302902	1304903	1307084	0.43	cps
Cobalt	59-2	2111049	2114354	2107554	2110986	0.16	cps
Copper	63-2	14974987	15065348	14854639	14964991	0.71	cps
Dysprosium	156-1	200	275	308	261	21.25	cps
Dysprosium	156-2	223	163	187	191	15.83	cps
Erbium	164-1	108	83	133	108	23.08	cps
Erbium	164-2	97	73	70	80	18.17	cps
Gadolinium	160-1	300	283	292	292	2.86	cps
Gadolinium	160-2	273	257	257	262	3.67	cps
Holmium	165-1	11422587	11472990	11319933	11405170	0.68	cps
Holmium	165-2	7554046	7462992	7465026	7494021	0.69	cps
Indium	115-1	8368239	8242470	8322609	8311106	0.77	cps
Indium	115-2	2331097	2324667	2327213	2327659	0.14	cps
Iron	56-2	58856850	58543371	58419707	58606643	0.38	cps
Iron	57-2	1471207	1482658	1468277	1474047	0.52	cps

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:51:03	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	3278846	3273907	3275922	3276225	0.08	cps
Krypton	83-1	1997	1967	1930	1965	1.70	cps
Lead	206-1	16682863	16580676	16470871	16578137	0.64	cps
Lead	207-1	15186408	15037309	15081044	15101587	0.51	cps
Lead	208-1	67738450	67666512	67582677	67662546	0.12	cps
Lithium	6-1	2017406	2004570	1994000	2005325	0.58	cps
Magnesium	24-2	11975064	11920802	11846059	11913975	0.54	cps
Manganese	55-2	8795981	8738315	8818980	8784426	0.47	cps
Molybdenum	94-1	6900876	6914536	6853430	6889614	0.47	cps
Molybdenum	95-1	8554147	8506045	8557908	8539367	0.34	cps
Molybdenum	96-1	9445593	9520899	9495199	9487230	0.40	cps
Molybdenum	97-1	5258229	5296281	5303242	5285917	0.46	cps
Molybdenum	98-1	13843161	13935382	13916705	13898416	0.35	cps
Neodymium	150-1	240	207	147	198	23.92	cps
Neodymium	150-2	27	37	40	34	20.14	cps
Nickel	60-2	549745	554096	555291	553044	0.53	cps
Phosphorus	31-2	56365	54893	54441	55233	1.82	cps
Potassium	39-2	5393331	5381285	5394239	5389618	0.13	cps
Rhodium	103-1	7572522	7575557	7550022	7566033	0.18	cps
Rhodium	103-2	4468828	4421806	4443751	4444795	0.53	cps
Scandium	45-1	4593981	4588368	4527131	4569826	0.81	cps
Scandium	45-2	321895	316304	318957	319052	0.88	cps
Selenium	82-1	54832	54878	54194	54635	0.70	cps
Selenium	77-2	3871	3994	3814	3893	2.36	cps
Selenium	78-2	13228	13232	13212	13224	0.08	cps
Silicon	28-1	2236568	2291648	2291814	2273343	1.40	cps
Silver	107-1	4273171	4327050	4303780	4301334	0.63	cps
Silver	109-1	4163235	4159649	4132123	4151669	0.41	cps
Sodium	23-2	20751819	20499343	20239543	20496902	1.25	cps
Strontium	86-1	10235317	10243644	10217277	10232079	0.13	cps
Strontium	88-1	89358167	89670729	89635756	89554884	0.19	cps
Sulfur	34-1	813901	814423	806737	811687	0.53	cps
Terbium	159-1	11665681	11616879	11516460	11599673	0.66	cps
Terbium	159-2	7342360	7246034	7252635	7280343	0.74	cps
Thallium	203-1	3835884	3886381	3876987	3866417	0.69	cps
Thallium	205-1	9533406	9657231	9590707	9593781	0.65	cps

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:51:03	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	14477216	14830648	14496446	14601437	1.36	cps
Tin	118-1	2835648	2827181	2845517	2836116	0.32	cps
Titanium	47-1	2129475	2147368	2117657	2131500	0.70	cps
Uranium	238-1	13811266	13922951	13903817	13879345	0.43	cps
Vanadium	51-2	1085468	1083086	1074392	1080982	0.54	cps
Yttrium	89-1	11988050	11838773	11776385	11867736	0.92	cps
Yttrium	89-2	2449986	2434167	2433667	2439273	0.38	cps
Zinc	66-2	2475850	2486343	2476836	2479676	0.23	cps
Zirconium	90-1	5327713	5382581	5374079	5361457	0.55	cps
Zirconium	91-1	1199010	1205251	1204224	1202828	0.28	cps

LB Number : LB114690 Operator : JASWAL
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2021-05-27 15:53:56 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2071217	2063902	2050090	2061737	0.52	cps
Antimony	121-1	7082236	7091539	7165995	7113257	0.65	cps
Arsenic	75-2	285325	285013	283070	284469	0.43	cps
Barium	135-1	7965851	7831414	8002008	7933091	1.13	cps
Barium	137-1	13637102	13693028	13614475	13648202	0.30	cps
Beryllium	9-1	1139313	1144736	1144400	1142816	0.27	cps
Bismuth	209-1	7683616	7604738	7677330	7655228	0.57	cps
Bismuth	209-2	5250847	5392076	5363229	5335384	1.40	cps
Boron	10-1	133501	139647	140916	138021	2.87	cps
Boron	11-1	650559	675043	688082	671228	2.84	cps
Bromine	81-1	5435	5543	5393	5457	1.42	cps
Bromine	81-2	70	90	60	73	20.83	cps
Cadmium	111-1	1729465	1737002	1767133	1744533	1.14	cps
Cadmium	106-1	194599	198528	200499	197875	1.52	cps
Cadmium	108-1	134521	135365	135559	135148	0.41	cps
Calcium	43-1	1821848	1843462	1835881	1833730	0.60	cps
Calcium	44-1	27697302	27652030	27729707	27693013	0.14	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2500155	2475990	2463471	2479872	0.75	cps
Cobalt	59-2	3985608	3966602	3959697	3970636	0.34	cps
Copper	63-2	28419640	28541139	27983657	28314812	1.04	cps
Dysprosium	156-1	408	392	500	433	13.46	cps
Dysprosium	156-2	280	297	353	310	12.40	cps
Erbium	164-1	117	100	100	106	9.12	cps
Erbium	164-2	77	103	77	86	18.00	cps
Gadolinium	160-1	458	542	408	469	14.35	cps
Gadolinium	160-2	317	367	370	351	8.51	cps
Holmium	165-1	10962750	11012294	10974169	10983071	0.24	cps
Holmium	165-2	7122153	7224942	7315050	7220715	1.34	cps
Indium	115-1	7684795	7623724	7712009	7673509	0.59	cps
Indium	115-2	2125429	2195617	2186511	2169186	1.76	cps
Iron	56-2	112796614	111803900	110573494	111724669	1.00	cps
Iron	57-2	2799502	2810446	2780612	2796853	0.54	cps

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:53:56	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	6187111	6143550	6075767	6135476	0.91	cps
Krypton	83-1	1657	1780	1780	1739	4.10	cps
Lead	206-1	32078901	32451210	32329927	32286679	0.59	cps
Lead	207-1	29501581	29628930	29843431	29657981	0.58	cps
Lead	208-1	131100806	131868266	133143420	132037497	0.78	cps
Lithium	6-1	1888008	1872334	1885640	1881994	0.45	cps
Magnesium	24-2	22609924	22410318	22362169	22460804	0.58	cps
Manganese	55-2	16832971	16979693	16614358	16809007	1.09	cps
Molybdenum	94-1	13027872	13073594	13236740	13112735	0.84	cps
Molybdenum	95-1	16370136	16312995	16482288	16388473	0.53	cps
Molybdenum	96-1	18263759	18084766	18301630	18216718	0.64	cps
Molybdenum	97-1	10263620	10307471	10383310	10318134	0.59	cps
Molybdenum	98-1	26416478	26498584	26726599	26547220	0.61	cps
Neodymium	150-1	400	520	493	471	13.38	cps
Neodymium	150-2	67	77	53	66	17.86	cps
Nickel	60-2	1040718	1041592	1033209	1038507	0.44	cps
Phosphorus	31-2	102492	101209	100227	101309	1.12	cps
Potassium	39-2	10126400	10159192	10050207	10111933	0.55	cps
Rhodium	103-1	7090128	6986483	6910800	6995804	1.29	cps
Rhodium	103-2	4045139	4180577	4171467	4132394	1.83	cps
Scandium	45-1	4221871	4212107	4187680	4207219	0.42	cps
Scandium	45-2	291010	299547	300048	296868	1.71	cps
Selenium	82-1	102830	104100	102997	103309	0.67	cps
Selenium	77-2	7132	7279	7219	7210	1.02	cps
Selenium	78-2	25048	25285	25276	25203	0.53	cps
Silicon	28-1	3859186	3889390	3955088	3901221	1.26	cps
Silver	107-1	8282611	8331059	8380055	8331242	0.58	cps
Silver	109-1	8011608	8021430	8137587	8056875	0.87	cps
Sodium	23-2	39415306	38723736	38573893	38904312	1.15	cps
Strontium	86-1	19758653	19406313	19482573	19549180	0.95	cps
Strontium	88-1	170452883	172363166	171904829	171573626	0.58	cps
Sulfur	34-1	1037243	1025474	1032865	1031860	0.58	cps
Terbium	159-1	11058188	11244081	10883919	11062062	1.63	cps
Terbium	159-2	6875636	7037765	7050647	6988016	1.40	cps
Thallium	203-1	7701906	7804760	7795305	7767324	0.73	cps
Thallium	205-1	18554331	18720772	18779341	18684815	0.62	cps

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:53:56	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	28747667	29087190	29240737	29025198	0.87	cps
Tin	118-1	5384018	5430019	5474858	5429632	0.84	cps
Titanium	47-1	3972653	4021934	4030620	4008402	0.78	cps
Uranium	238-1	27228636	27379299	27841811	27483249	1.16	cps
Vanadium	51-2	2065958	2036153	2033605	2045238	0.88	cps
Yttrium	89-1	11160300	11194257	11089158	11147905	0.48	cps
Yttrium	89-2	2258613	2322350	2302881	2294614	1.42	cps
Zinc	66-2	4625560	4638060	4604407	4622676	0.37	cps
Zirconium	90-1	10450044	10263311	10355379	10356245	0.90	cps
Zirconium	91-1	2288376	2267779	2297554	2284570	0.67	cps

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:56:48	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11134218	11037507	11258115	11143280	0.99	cps
Antimony	121-1	5643	6177	5418	5746	6.78	cps
Arsenic	75-2	167	163	176	169	3.96	cps
Barium	135-1	3492	3551	3542	3528	0.89	cps
Barium	137-1	6193	6710	6318	6407	4.21	cps
Beryllium	9-1	361	300	367	343	10.80	cps
Bismuth	209-1	7356566	6841731	6852292	7016863	4.19	cps
Bismuth	209-2	5140226	5134376	5106470	5127024	0.35	cps
Boron	10-1	6560	5876	5151	5862	12.02	cps
Boron	11-1	32811	29037	27208	29685	9.62	cps
Bromine	81-1	5259	5126	5426	5271	2.85	cps
Bromine	81-2	60	70	160	97	56.98	cps
Cadmium	111-1	3799	3602	3595	3665	3.16	cps
Cadmium	106-1	4776	4459	4584	4606	3.46	cps
Cadmium	108-1	117	171	204	164	26.95	cps
Calcium	43-1	8228631	8086897	8422726	8246085	2.04	cps
Calcium	44-1	131886453	131931799	134634707	132817653	1.18	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	17754	17567	18041	17787	1.34	cps
Cobalt	59-2	6615	6838	6998	6817	2.83	cps
Copper	63-2	21286	21155	21179	21207	0.33	cps
Dysprosium	156-1	1842	2034	2334	2070	11.98	cps
Dysprosium	156-2	1463	1257	1263	1328	8.85	cps
Erbium	164-1	392	317	442	383	16.41	cps
Erbium	164-2	277	267	270	271	1.88	cps
Gadolinium	160-1	2609	2217	2217	2347	9.63	cps
Gadolinium	160-2	1530	1610	1790	1643	8.10	cps
Holmium	165-1	11196653	10879883	10938102	11004879	1.53	cps
Holmium	165-2	7404430	7331425	7294460	7343438	0.76	cps
Indium	115-1	7605060	7601354	7491731	7566048	0.85	cps
Indium	115-2	2254629	2242967	2260967	2252854	0.41	cps
Iron	56-2	572902146	567790924	574030168	571574413	0.58	cps
Iron	57-2	14312136	14275893	14285403	14291144	0.13	cps

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:56:48	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	30674554	30560693	31401367	30878871	1.48	cps
Krypton	83-1	1597	1667	1703	1656	3.27	cps
Lead	206-1	63751	64388	66538	64892	2.25	cps
Lead	207-1	59080	59957	59856	59631	0.80	cps
Lead	208-1	264229	269421	270155	267935	1.21	cps
Lithium	6-1	1856295	1833116	1846565	1845325	0.63	cps
Magnesium	24-2	118489332	117900694	120346361	118912129	1.07	cps
Manganese	55-2	11718	11391	11431	11513	1.55	cps
Molybdenum	94-1	5359	5026	5293	5226	3.38	cps
Molybdenum	95-1	7427	6902	7310	7213	3.82	cps
Molybdenum	96-1	9095	8628	8736	8820	2.77	cps
Molybdenum	97-1	4442	4267	4017	4242	5.04	cps
Molybdenum	98-1	11480	11013	10688	11060	3.60	cps
Neodymium	150-1	73	40	53	56	30.21	cps
Neodymium	150-2	20	13	33	22	45.83	cps
Nickel	60-2	3864	3827	3854	3848	0.49	cps
Phosphorus	31-2	583	542	633	586	7.83	cps
Potassium	39-2	52726948	52184121	53375436	52762168	1.13	cps
Rhodium	103-1	6729834	6668061	6716982	6704959	0.49	cps
Rhodium	103-2	4111751	4087567	4099282	4099533	0.30	cps
Scandium	45-1	4238912	4227764	4199105	4221927	0.49	cps
Scandium	45-2	315754	316623	317733	316703	0.31	cps
Selenium	82-1	112	91	28	77	57.22	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	107	111	106	108	2.62	cps
Silicon	28-1	392719	411954	421511	408728	3.59	cps
Silver	107-1	2750	2934	2759	2814	3.68	cps
Silver	109-1	2725	2892	2817	2811	2.97	cps
Sodium	23-2	200290721	202932180	201134275	201452392	0.67	cps
Strontium	86-1	9895	9679	10254	9943	2.92	cps
Strontium	88-1	64997	64076	65717	64930	1.27	cps
Sulfur	34-1	471433	477892	479544	476290	0.90	cps
Terbium	159-1	11123401	10920759	11018381	11020847	0.92	cps
Terbium	159-2	7148233	7108100	7100979	7119104	0.36	cps
Thallium	203-1	3451	3225	2842	3173	9.70	cps
Thallium	205-1	8703	7060	7077	7614	12.39	cps

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 15:56:48	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	8497	8253	7274	8008	8.08	cps
Tin	118-1	4509	4709	4859	4693	3.74	cps
Titanium	47-1	1133	1467	1342	1314	12.82	cps
Uranium	238-1	5660	5827	6152	5879	4.25	cps
Vanadium	51-2	643	597	550	597	7.82	cps
Yttrium	89-1	11114410	10996449	11160137	11090332	0.76	cps
Yttrium	89-2	2425082	2413258	2419311	2419217	0.24	cps
Zinc	66-2	12289	12449	12433	12390	0.71	cps
Zirconium	90-1	3384	3659	3617	3553	4.17	cps
Zirconium	91-1	617	767	742	708	11.35	cps

LB Number : LB114690 Operator : JASWAL
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2021-05-27 16:17:23 DataFile Name : 013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	57394	56381	55160	56312	1.99	cps
Antimony	121-1	1399824	1419038	1413447	1410770	0.70	cps
Arsenic	75-2	60237	59383	59000	59540	1.06	cps
Barium	135-1	163712	165305	162260	163759	0.93	cps
Barium	137-1	281812	284611	282825	283083	0.50	cps
Beryllium	9-1	113291	117064	116560	115638	1.77	cps
Bismuth	209-1	8505596	8292356	8408385	8402112	1.27	cps
Bismuth	209-2	5846097	5811183	5771537	5809606	0.64	cps
Boron	10-1	76049	78595	82566	79070	4.15	cps
Boron	11-1	354648	386134	403405	381396	6.48	cps
Bromine	81-1	5585	5701	5626	5637	1.05	cps
Bromine	81-2	50	70	50	57	20.38	cps
Cadmium	111-1	198021	198366	199828	198738	0.48	cps
Cadmium	106-1	41586	41528	41770	41628	0.30	cps
Cadmium	108-1	22560	23244	23127	22977	1.59	cps
Calcium	43-1	40339	40205	40138	40227	0.25	cps
Calcium	44-1	623747	631836	627191	627592	0.65	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	262262	260105	255237	259201	1.39	cps
Cobalt	59-2	430420	427228	423325	426991	0.83	cps
Copper	63-2	307447	305426	301569	304814	0.98	cps
Dysprosium	156-1	42	25	17	28	45.82	cps
Dysprosium	156-2	3	10	10	8	49.52	cps
Erbium	164-1	100	100	67	89	21.65	cps
Erbium	164-2	23	33	37	31	22.31	cps
Gadolinium	160-1	50	83	75	69	24.98	cps
Gadolinium	160-2	103	73	90	89	16.91	cps
Holmium	165-1	11942931	11582183	11450438	11658517	2.19	cps
Holmium	165-2	7514774	7665201	7576698	7585557	1.00	cps
Indium	115-1	8573871	8381310	8386105	8447095	1.30	cps
Indium	115-2	2363433	2364161	2351508	2359701	0.30	cps
Iron	56-2	4593726	4550595	4555021	4566447	0.52	cps
Iron	57-2	117303	116603	115315	116407	0.87	cps

LB Number : LB114690 Operator : JASWAL
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2021-05-27 16:17:23 DataFile Name : 013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	264756	261902	261353	262670	0.70	cps
Krypton	83-1	1857	1773	1873	1835	2.92	cps
Lead	206-1	1421710	1447638	1441471	1436939	0.94	cps
Lead	207-1	1210407	1226982	1222000	1219797	0.70	cps
Lead	208-1	5605894	5699288	5653113	5652765	0.83	cps
Lithium	6-1	2010234	1960994	1969106	1980111	1.33	cps
Magnesium	24-2	279555	278764	276616	278312	0.55	cps
Manganese	55-2	172561	171216	169162	170980	1.00	cps
Molybdenum	94-1	7041156	7068824	7044244	7051408	0.22	cps
Molybdenum	95-1	8561904	8538722	8564846	8555157	0.17	cps
Molybdenum	96-1	9503103	9539373	9415110	9485862	0.67	cps
Molybdenum	97-1	5210402	5271849	5258093	5246781	0.61	cps
Molybdenum	98-1	13701186	13741276	13750582	13731015	0.19	cps
Neodymium	150-1	20	13	13	16	24.76	cps
Neodymium	150-2	3	3	10	6	69.34	cps
Nickel	60-2	114549	113740	112896	113728	0.73	cps
Phosphorus	31-2	558	467	467	497	10.64	cps
Potassium	39-2	475880	474443	468557	472960	0.82	cps
Rhodium	103-1	7947104	7834061	7758035	7846400	1.21	cps
Rhodium	103-2	4605575	4598626	4550513	4584905	0.65	cps
Scandium	45-1	4583102	4505671	4480711	4523161	1.18	cps
Scandium	45-2	322016	321045	319194	320752	0.45	cps
Selenium	82-1	21870	22285	21900	22018	1.05	cps
Selenium	77-2	1483	1560	1597	1547	3.74	cps
Selenium	78-2	5544	5527	5403	5491	1.40	cps
Silicon	28-1	346102	356257	353913	352091	1.51	cps
Silver	107-1	423154	429041	428633	426943	0.77	cps
Silver	109-1	403160	413289	416228	410892	1.67	cps
Sodium	23-2	816095	804519	804204	808273	0.84	cps
Strontium	86-1	1080408	1099197	1076113	1085239	1.13	cps
Strontium	88-1	9548084	9598307	9419073	9521821	0.97	cps
Sulfur	34-1	471959	465215	461078	466084	1.18	cps
Terbium	159-1	11968197	11665793	11585784	11739925	1.72	cps
Terbium	159-2	7401057	7479879	7405527	7428821	0.60	cps
Thallium	203-1	1696547	1701652	1711186	1703128	0.44	cps
Thallium	205-1	4056410	4115333	4123475	4098406	0.89	cps

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 16:17:23	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	15711702	15891567	15801011	15801427	0.57	cps
Tin	118-1	3130253	3173557	3133338	3145716	0.77	cps
Titanium	47-1	2091532	2083227	2090501	2088420	0.22	cps
Uranium	238-1	14874320	14820178	14857434	14850644	0.19	cps
Vanadium	51-2	210724	207841	205958	208175	1.15	cps
Yttrium	89-1	12152000	12033109	11785922	11990344	1.56	cps
Yttrium	89-2	2465560	2457368	2440908	2454612	0.51	cps
Zinc	66-2	99475	98114	97298	98296	1.12	cps
Zirconium	90-1	5829450	5986456	5783462	5866456	1.81	cps
Zirconium	91-1	1298286	1307024	1294259	1299856	0.50	cps

LB Number : LB114690 Operator : JASWAL
 Lab Sample ID : LLICV Instrumnet Name : P7
 Client Sample ID : LLICV Dilution Factor : 1
 Date & Time Acquired :: 2021-05-27 16:36:34 DataFile Name : 015LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2700	2509	2659	2623	3.84	cps
Antimony	121-1	14274	14908	14616	14600	2.17	cps
Arsenic	75-2	317	293	280	296	6.34	cps
Barium	135-1	16352	17295	16660	16769	2.87	cps
Barium	137-1	28572	29373	29373	29106	1.59	cps
Beryllium	9-1	1117	1189	1206	1170	4.04	cps
Bismuth	209-1	8340307	8259586	8196175	8265356	0.87	cps
Bismuth	209-2	5757399	5887275	5902463	5849045	1.36	cps
Boron	10-1	3892	4534	4242	4223	7.61	cps
Boron	11-1	19421	20564	21265	20417	4.56	cps
Bromine	81-1	6043	5901	5776	5907	2.26	cps
Bromine	81-2	40	70	50	53	28.64	cps
Cadmium	111-1	5122	5186	5540	5283	4.26	cps
Cadmium	106-1	4818	4651	5043	4837	4.06	cps
Cadmium	108-1	221	183	129	178	25.92	cps
Calcium	43-1	9612	9312	8753	9225	4.72	cps
Calcium	44-1	160351	161160	164302	161938	1.29	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6632	6852	6692	6725	1.69	cps
Cobalt	59-2	4844	4714	4808	4789	1.40	cps
Copper	63-2	7142	7272	7165	7193	0.96	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	133	100	83	106	24.12	cps
Erbium	164-2	23	53	40	39	38.65	cps
Gadolinium	160-1	58	67	92	72	24.02	cps
Gadolinium	160-2	70	70	100	80	21.65	cps
Holmium	165-1	11678127	11674296	11555209	11635877	0.60	cps
Holmium	165-2	7608709	7755334	7697783	7687275	0.96	cps
Indium	115-1	8433209	8416605	8547482	8465765	0.84	cps
Indium	115-2	2446273	2465519	2463642	2458478	0.43	cps
Iron	56-2	133606	132547	133589	133247	0.46	cps
Iron	57-2	3145	3350	3284	3260	3.22	cps

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 16:36:34	DataFile Name :	015LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	7860	8411	7790	8020	4.24	cps
Krypton	83-1	1923	1880	1950	1918	1.84	cps
Lead	206-1	7880	7552	8075	7836	3.37	cps
Lead	207-1	6724	7180	6852	6919	3.40	cps
Lead	208-1	30725	31115	31849	31230	1.83	cps
Lithium	6-1	1973617	1953917	1957231	1961588	0.54	cps
Magnesium	24-2	126260	125748	123915	125308	0.98	cps
Manganese	55-2	2024	1857	1993	1958	4.54	cps
Molybdenum	94-1	13832	13498	13740	13690	1.26	cps
Molybdenum	95-1	16785	16318	17311	16805	2.96	cps
Molybdenum	96-1	19130	18446	19272	18949	2.33	cps
Molybdenum	97-1	10729	10754	10504	10663	1.29	cps
Molybdenum	98-1	26851	27744	27544	27379	1.71	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	1347	1290	1330	1322	2.20	cps
Phosphorus	31-2	483	567	483	511	9.41	cps
Potassium	39-2	160518	164232	162598	162449	1.15	cps
Rhodium	103-1	7978788	7809537	7793636	7860654	1.31	cps
Rhodium	103-2	4687629	4701216	4722795	4703880	0.38	cps
Scandium	45-1	4610251	4553550	4575994	4579932	0.62	cps
Scandium	45-2	332085	334830	331145	332687	0.58	cps
Selenium	82-1	605	490	466	521	14.26	cps
Selenium	77-2	37	60	30	42	37.31	cps
Selenium	78-2	222	252	272	249	10.11	cps
Silicon	28-1	316382	321000	321941	319774	0.93	cps
Silver	107-1	8428	8703	9028	8720	3.45	cps
Silver	109-1	8895	8494	7894	8428	5.98	cps
Sodium	23-2	227735	227594	228972	228100	0.33	cps
Strontium	86-1	5226	4909	5359	5165	4.48	cps
Strontium	88-1	17903	18788	19255	18649	3.68	cps
Sulfur	34-1	495530	509142	509910	504861	1.60	cps
Terbium	159-1	11762382	11690410	11625460	11692751	0.59	cps
Terbium	159-2	7464978	7505944	7542217	7504380	0.51	cps
Thallium	203-1	7961	8203	8611	8258	3.98	cps
Thallium	205-1	19765	20783	20341	20296	2.52	cps

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 16:36:34	DataFile Name :	015LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	500	400	411	437	12.54	cps
Tin	118-1	29782	30091	31076	30317	2.23	cps
Titanium	47-1	4601	4342	4351	4431	3.31	cps
Uranium	238-1	26194	27171	26970	26778	1.93	cps
Vanadium	51-2	11505	11668	11361	11511	1.33	cps
Yttrium	89-1	12015209	11932689	12100127	12016008	0.70	cps
Yttrium	89-2	2524885	2545328	2535769	2535328	0.40	cps
Zinc	66-2	1429	1538	1497	1488	3.70	cps
Zirconium	90-1	11747	11855	11438	11680	1.85	cps
Zirconium	91-1	2617	2659	2500	2592	3.17	cps

LB Number : LB114690 Operator : JASWAL
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2021-05-27 16:39:39 DataFile Name : 016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	58	83	75	19.24	cps
Antimony	121-1	158	158	117	144	16.66	cps
Arsenic	75-2	11	2	9	7	66.16	cps
Barium	135-1	17	25	8	17	50.01	cps
Barium	137-1	17	8	33	19	65.47	cps
Beryllium	9-1	39	72	44	52	34.44	cps
Bismuth	209-1	8382437	8371467	8310737	8354880	0.46	cps
Bismuth	209-2	5877838	5935856	5873547	5895747	0.59	cps
Boron	10-1	867	908	692	822	13.98	cps
Boron	11-1	3959	4009	3967	3978	0.67	cps
Bromine	81-1	5668	5826	6101	5865	3.74	cps
Bromine	81-2	60	90	30	60	50.00	cps
Cadmium	111-1	3241	3287	3315	3281	1.14	cps
Cadmium	106-1	4643	4709	4759	4704	1.24	cps
Cadmium	108-1	25	25	42	31	31.50	cps
Calcium	43-1	225	183	208	206	10.20	cps
Calcium	44-1	9570	10162	9787	9840	3.04	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1090	1147	1150	1129	2.99	cps
Cobalt	59-2	197	263	240	233	14.50	cps
Copper	63-2	827	750	657	744	11.44	cps
Dysprosium	156-1	0	0	17	6	173.21	cps
Dysprosium	156-2	0	7	10	6	91.64	cps
Erbium	164-1	75	83	75	78	6.19	cps
Erbium	164-2	40	43	33	39	13.09	cps
Gadolinium	160-1	42	83	58	61	34.32	cps
Gadolinium	160-2	63	87	77	76	15.50	cps
Holmium	165-1	11845271	11736021	11683579	11754957	0.70	cps
Holmium	165-2	7700250	7773323	7662382	7711985	0.73	cps
Indium	115-1	8580092	8548983	8656394	8595156	0.64	cps
Indium	115-2	2478303	2488587	2477332	2481407	0.25	cps
Iron	56-2	4390	4312	4517	4406	2.36	cps
Iron	57-2	133	144	133	137	4.68	cps

LB Number : LB114690 Operator : JASWAL
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2021-05-27 16:39:39 DataFile Name : 016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	611	861	851	774	18.30	cps
Krypton	83-1	1977	1877	1820	1891	4.19	cps
Lead	206-1	872	1050	939	954	9.42	cps
Lead	207-1	794	839	961	865	9.98	cps
Lead	208-1	3678	4245	3973	3965	7.15	cps
Lithium	6-1	1972149	1961741	1957335	1963742	0.39	cps
Magnesium	24-2	242	242	250	244	1.97	cps
Manganese	55-2	90	77	97	88	11.60	cps
Molybdenum	94-1	383	292	292	322	16.42	cps
Molybdenum	95-1	83	58	33	58	42.87	cps
Molybdenum	96-1	167	100	108	125	29.06	cps
Molybdenum	97-1	17	42	25	28	45.82	cps
Molybdenum	98-1	133	100	75	103	28.48	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	70	77	67	71	7.16	cps
Phosphorus	31-2	458	492	533	494	7.60	cps
Potassium	39-2	45528	45922	44784	45412	1.27	cps
Rhodium	103-1	8011965	8056746	8011200	8026637	0.32	cps
Rhodium	103-2	4739294	4745350	4752471	4745705	0.14	cps
Scandium	45-1	4622182	4629031	4629148	4626787	0.09	cps
Scandium	45-2	334214	338101	334567	335627	0.64	cps
Selenium	82-1	-80	80	57	19	462.07	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	126	109	139	125	11.91	cps
Silicon	28-1	278164	280332	283548	280681	0.97	cps
Silver	107-1	142	158	192	164	15.53	cps
Silver	109-1	142	100	67	103	36.56	cps
Sodium	23-2	14532	13990	14349	14290	1.93	cps
Strontium	86-1	3092	2800	3000	2964	5.03	cps
Strontium	88-1	92	133	242	156	49.78	cps
Sulfur	34-1	509287	519977	512077	513780	1.08	cps
Terbium	159-1	11862651	11848888	11706446	11805995	0.73	cps
Terbium	159-2	7587462	7717091	7612971	7639175	0.90	cps
Thallium	203-1	375	367	292	344	13.32	cps
Thallium	205-1	700	733	667	700	4.76	cps

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 16:39:39	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	378	339	256	324	19.27	cps
Tin	118-1	667	808	800	758	10.48	cps
Titanium	47-1	75	50	17	47	61.97	cps
Uranium	238-1	33	42	8	28	62.46	cps
Vanadium	51-2	7	7	7	7	0.00	cps
Yttrium	89-1	12063414	12209627	12060334	12111125	0.70	cps
Yttrium	89-2	2566067	2559922	2562326	2562772	0.12	cps
Zinc	66-2	257	370	270	299	20.73	cps
Zirconium	90-1	633	850	683	722	15.71	cps
Zirconium	91-1	158	158	100	139	24.25	cps

LB Number : LB114690 Operator : JASWAL
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2021-05-27 16:42:44 DataFile Name : 017ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10244529	10288452	10194570	10242517	0.46	cps
Antimony	121-1	8144	8703	7919	8255	4.89	cps
Arsenic	75-2	106	141	94	114	21.28	cps
Barium	135-1	2259	2275	2350	2295	2.13	cps
Barium	137-1	3942	3826	4417	4062	7.72	cps
Beryllium	9-1	356	389	311	352	11.09	cps
Bismuth	209-1	8008858	7902921	7969083	7960287	0.67	cps
Bismuth	209-2	5542480	5602066	5571391	5571979	0.53	cps
Boron	10-1	642	700	875	739	16.44	cps
Boron	11-1	3517	3842	3784	3714	4.67	cps
Bromine	81-1	6518	6377	6643	6513	2.05	cps
Bromine	81-2	170	70	120	120	41.67	cps
Cadmium	111-1	4203	4050	4155	4136	1.89	cps
Cadmium	106-1	4493	4434	4301	4409	2.23	cps
Cadmium	108-1	2250	2321	2300	2291	1.59	cps
Calcium	43-1	1764241	1775770	1776907	1772306	0.40	cps
Calcium	44-1	27052702	27072789	27284272	27136588	0.47	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	53292	53908	52978	53393	0.89	cps
Cobalt	59-2	5184	5114	5081	5127	1.03	cps
Copper	63-2	25168	25529	25442	25380	0.74	cps
Dysprosium	156-1	8	67	33	36	81.06	cps
Dysprosium	156-2	13	27	20	20	33.35	cps
Erbium	164-1	158	100	175	144	27.27	cps
Erbium	164-2	30	73	70	58	41.73	cps
Gadolinium	160-1	67	108	58	78	34.45	cps
Gadolinium	160-2	87	87	103	92	10.43	cps
Holmium	165-1	11766331	11652239	11637790	11685454	0.60	cps
Holmium	165-2	7722201	7763771	7716509	7734160	0.33	cps
Indium	115-1	8242563	8209667	8189789	8214007	0.32	cps
Indium	115-2	2356797	2393914	2381374	2377361	0.79	cps
Iron	56-2	232343011	233613294	235080439	233678914	0.59	cps
Iron	57-2	5838554	5892549	5838316	5856473	0.53	cps

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 16:42:44	DataFile Name :	017ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	12488578	12610830	12632972	12577460	0.62	cps
Krypton	83-1	1983	1870	1990	1948	3.46	cps
Lead	206-1	39860	40328	38941	39709	1.78	cps
Lead	207-1	33130	31448	30819	31799	3.76	cps
Lead	208-1	153091	150418	147127	150212	1.99	cps
Lithium	6-1	1875512	1860065	1821098	1852225	1.51	cps
Magnesium	24-2	22376715	22495761	22373985	22415487	0.31	cps
Manganese	55-2	13650	13506	13239	13465	1.55	cps
Molybdenum	94-1	3520699	3517093	3560118	3532636	0.68	cps
Molybdenum	95-1	6401080	6304633	6430430	6378715	1.03	cps
Molybdenum	96-1	6828239	6765263	6866106	6819869	0.75	cps
Molybdenum	97-1	3901302	3905660	3928448	3911803	0.37	cps
Molybdenum	98-1	10175866	10290440	10336065	10267457	0.80	cps
Neodymium	150-1	13	33	33	27	43.31	cps
Neodymium	150-2	13	33	13	20	57.74	cps
Nickel	60-2	6101	6315	6288	6235	1.87	cps
Phosphorus	31-2	520541	534963	524116	526540	1.43	cps
Potassium	39-2	20516031	20742854	20591878	20616921	0.56	cps
Rhodium	103-1	7502064	7416244	7430674	7449661	0.62	cps
Rhodium	103-2	4439525	4492482	4458098	4463368	0.60	cps
Scandium	45-1	4466559	4393563	4421933	4427351	0.83	cps
Scandium	45-2	321223	324826	320222	322090	0.75	cps
Selenium	82-1	-196	-81	-169	-149	-40.34	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	115	109	113	112	2.52	cps
Silicon	28-1	354552	357289	350754	354199	0.93	cps
Silver	107-1	358	367	433	386	10.65	cps
Silver	109-1	325	342	283	317	9.49	cps
Sodium	23-2	40067770	40284449	40243359	40198526	0.29	cps
Strontium	86-1	71913	70322	72951	71729	1.85	cps
Strontium	88-1	604169	606961	605351	605494	0.23	cps
Sulfur	34-1	3264208	3246982	3276809	3262667	0.46	cps
Terbium	159-1	11762946	11528101	11676026	11655691	1.02	cps
Terbium	159-2	7428498	7473316	7421533	7441116	0.38	cps
Thallium	203-1	1959	2217	2117	2097	6.21	cps
Thallium	205-1	5076	5076	4659	4937	4.87	cps

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 16:42:44	DataFile Name :	017ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	611	533	617	587	7.94	cps
Tin	118-1	1700	1842	1750	1764	4.07	cps
Titanium	47-1	1663166	1654290	1666117	1661191	0.37	cps
Uranium	238-1	517	367	442	442	16.98	cps
Vanadium	51-2	323	333	327	328	1.55	cps
Yttrium	89-1	11874654	11626814	11833768	11778412	1.13	cps
Yttrium	89-2	2472764	2511716	2489540	2491340	0.78	cps
Zinc	66-2	5926	5930	5970	5942	0.41	cps
Zirconium	90-1	1133	1183	1125	1147	2.75	cps
Zirconium	91-1	250	200	258	236	13.36	cps

LB Number : LB114690 Operator : JASWAL
 Lab Sample ID : ICSAB01 Instrumnet Name : P7
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2021-05-27 16:45:45 DataFile Name : 018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10359024	10424057	10473130	10418737	0.55	cps
Antimony	121-1	153656	156605	156968	155743	1.17	cps
Arsenic	75-2	6353	6396	6307	6352	0.70	cps
Barium	135-1	34828	36398	35463	35563	2.22	cps
Barium	137-1	60842	61989	62843	61891	1.62	cps
Beryllium	9-1	21905	22105	21955	21988	0.47	cps
Bismuth	209-1	8099150	8018532	8000367	8039350	0.65	cps
Bismuth	209-2	5584012	5658097	5639876	5627328	0.69	cps
Boron	10-1	7252	7560	7936	7583	4.52	cps
Boron	11-1	36820	38165	39778	38254	3.87	cps
Bromine	81-1	6735	7060	7027	6941	2.58	cps
Bromine	81-2	80	110	100	97	15.80	cps
Cadmium	111-1	41556	41619	41499	41558	0.14	cps
Cadmium	106-1	10371	9370	9845	9862	5.08	cps
Cadmium	108-1	5155	5359	5647	5387	4.59	cps
Calcium	43-1	1791875	1834054	1813852	1813260	1.16	cps
Calcium	44-1	27696303	27914026	27889082	27833137	0.43	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	106457	109710	110439	108869	1.95	cps
Cobalt	59-2	93264	93747	93955	93655	0.38	cps
Copper	63-2	87141	89035	88220	88132	1.08	cps
Dysprosium	156-1	50	58	50	53	9.12	cps
Dysprosium	156-2	23	37	33	31	22.31	cps
Erbium	164-1	83	150	142	125	29.06	cps
Erbium	164-2	80	90	77	82	8.44	cps
Gadolinium	160-1	50	92	42	61	43.83	cps
Gadolinium	160-2	117	80	73	90	25.93	cps
Holmium	165-1	11938546	11942493	11850666	11910568	0.44	cps
Holmium	165-2	7776837	7857437	7821389	7818554	0.52	cps
Indium	115-1	8449157	8389715	8472804	8437225	0.51	cps
Indium	115-2	2428579	2452129	2452452	2444387	0.56	cps
Iron	56-2	234762233	237095144	238938094	236931824	0.88	cps
Iron	57-2	5891289	5952700	5960290	5934760	0.64	cps

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 16:45:45	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	12815163	12897715	12950587	12887822	0.53	cps
Krypton	83-1	1817	1863	1943	1875	3.42	cps
Lead	206-1	163681	168090	168828	166867	1.67	cps
Lead	207-1	140079	139174	141436	140229	0.81	cps
Lead	208-1	645212	652647	653576	650478	0.70	cps
Lithium	6-1	1848661	1827216	1838484	1838120	0.58	cps
Magnesium	24-2	22727459	22610847	23011765	22783357	0.91	cps
Manganese	55-2	48429	49302	49740	49157	1.36	cps
Molybdenum	94-1	3884746	3939606	3949533	3924628	0.89	cps
Molybdenum	95-1	6630647	6666217	6643167	6646677	0.27	cps
Molybdenum	96-1	7101717	7201210	7184131	7162353	0.74	cps
Molybdenum	97-1	4041440	4125507	4113144	4093364	1.11	cps
Molybdenum	98-1	10582627	10840341	10840972	10754647	1.39	cps
Neodymium	150-1	27	27	7	20	57.73	cps
Neodymium	150-2	17	17	17	17	0.00	cps
Nickel	60-2	28818	29186	28875	28960	0.68	cps
Phosphorus	31-2	535405	533168	546233	538269	1.30	cps
Potassium	39-2	21111853	20947053	21333532	21130813	0.92	cps
Rhodium	103-1	7597117	7538356	7557723	7564399	0.40	cps
Rhodium	103-2	4568537	4588860	4587576	4581658	0.25	cps
Scandium	45-1	4551265	4519616	4498253	4523045	0.59	cps
Scandium	45-2	329059	332154	332035	331083	0.53	cps
Selenium	82-1	2180	2249	2104	2178	3.34	cps
Selenium	77-2	237	190	143	190	24.56	cps
Selenium	78-2	678	704	685	689	1.94	cps
Silicon	28-1	533525	554326	542814	543555	1.92	cps
Silver	107-1	166129	167310	168297	167245	0.65	cps
Silver	109-1	161234	158503	162320	160685	1.22	cps
Sodium	23-2	40834376	40829277	41323335	40995663	0.69	cps
Strontium	86-1	174083	177424	178412	176640	1.28	cps
Strontium	88-1	1508582	1531831	1543694	1528036	1.17	cps
Sulfur	34-1	3271547	3360976	3314366	3315630	1.35	cps
Terbium	159-1	11755698	11883249	11836739	11825229	0.55	cps
Terbium	159-2	7535075	7626392	7588528	7583331	0.61	cps
Thallium	203-1	157471	165119	160422	161004	2.40	cps
Thallium	205-1	379307	385982	389848	385046	1.38	cps

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 16:45:45	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	1401853	1403524	1426844	1410741	0.99	cps
Tin	118-1	291208	294902	295497	293869	0.79	cps
Titanium	47-1	1715515	1740645	1738827	1731662	0.81	cps
Uranium	238-1	1340360	1345141	1365208	1350236	0.98	cps
Vanadium	51-2	43186	43775	44524	43828	1.53	cps
Yttrium	89-1	12076098	12212349	12159336	12149261	0.57	cps
Yttrium	89-2	2534365	2574256	2575600	2561407	0.91	cps
Zinc	66-2	15933	16304	16283	16173	1.29	cps
Zirconium	90-1	546311	562222	559720	556084	1.54	cps
Zirconium	91-1	122881	125209	123478	123856	0.98	cps

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	CCV13	Instrumnet Name :	P7
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 16:48:46	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5490641	5495004	5389324	5458323	1.10	cps
Antimony	121-1	3536633	3568453	3618031	3574372	1.15	cps
Arsenic	75-2	151180	149749	149148	150026	0.70	cps
Barium	135-1	4004802	4091252	4052746	4049600	1.07	cps
Barium	137-1	7082294	7232202	7232519	7182338	1.21	cps
Beryllium	9-1	545418	556184	559725	553776	1.35	cps
Bismuth	209-1	7818273	7826065	7824779	7823039	0.05	cps
Bismuth	209-2	5399132	5344272	5349228	5364211	0.57	cps
Boron	10-1	64261	68982	72682	68642	6.15	cps
Boron	11-1	317215	329151	338552	328306	3.26	cps
Bromine	81-1	6468	6693	6160	6441	4.16	cps
Bromine	81-2	110	110	220	147	43.30	cps
Cadmium	111-1	893015	904574	906284	901291	0.80	cps
Cadmium	106-1	103098	104567	102898	103521	0.88	cps
Cadmium	108-1	68099	69963	70536	69533	1.83	cps
Calcium	43-1	4499201	4613214	4551824	4554746	1.25	cps
Calcium	44-1	69617758	70413345	70622227	70217777	0.75	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1328759	1316220	1297078	1314019	1.21	cps
Cobalt	59-2	2114185	2097023	2076249	2095819	0.91	cps
Copper	63-2	14771266	14747220	14592879	14703788	0.66	cps
Dysprosium	156-1	1083	925	1183	1064	12.24	cps
Dysprosium	156-2	747	773	727	749	3.13	cps
Erbium	164-1	242	175	175	197	19.51	cps
Erbium	164-2	150	180	107	146	25.33	cps
Gadolinium	160-1	1208	1292	1400	1300	7.39	cps
Gadolinium	160-2	883	793	960	879	9.49	cps
Holmium	165-1	11798624	11793877	11562929	11718477	1.15	cps
Holmium	165-2	7690938	7590511	7448195	7576548	1.61	cps
Indium	115-1	8244753	8231639	8158859	8211750	0.56	cps
Indium	115-2	2348941	2313857	2295118	2319305	1.18	cps
Iron	56-2	298164362	290068118	289815351	292682610	1.62	cps
Iron	57-2	7403518	7271218	7186785	7287174	1.50	cps

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	CCV13	Instrumnet Name :	P7
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 16:48:46	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	16010395	15906615	15878656	15931888	0.44	cps
Krypton	83-1	1903	1830	1767	1833	3.73	cps
Lead	206-1	16322834	16436837	16251452	16337041	0.57	cps
Lead	207-1	14818631	15003728	14897897	14906752	0.62	cps
Lead	208-1	66266425	66644418	66471467	66460770	0.28	cps
Lithium	6-1	1782903	1805093	1795513	1794503	0.62	cps
Magnesium	24-2	59440585	59161299	58392618	58998167	0.92	cps
Manganese	55-2	8953800	8845755	8691899	8830485	1.49	cps
Molybdenum	94-1	6889460	6881192	6949839	6906830	0.54	cps
Molybdenum	95-1	8567073	8483673	8576503	8542416	0.60	cps
Molybdenum	96-1	9395229	9529061	9532164	9485485	0.82	cps
Molybdenum	97-1	5216524	5291474	5299253	5269084	0.87	cps
Molybdenum	98-1	13674140	13902996	13674367	13750501	0.96	cps
Neodymium	150-1	340	253	340	311	16.08	cps
Neodymium	150-2	53	63	37	51	26.35	cps
Nickel	60-2	548632	543266	532448	541449	1.52	cps
Phosphorus	31-2	54307	55646	56197	55384	1.76	cps
Potassium	39-2	26622619	26513207	26151333	26429053	0.93	cps
Rhodium	103-1	7387642	7385861	7346293	7373265	0.32	cps
Rhodium	103-2	4383307	4337740	4325946	4348998	0.70	cps
Scandium	45-1	4498187	4505364	4467514	4490355	0.45	cps
Scandium	45-2	326726	321581	317215	321840	1.48	cps
Selenium	82-1	52562	53458	53628	53216	1.08	cps
Selenium	77-2	3894	3967	3961	3941	1.03	cps
Selenium	78-2	13386	13440	13228	13351	0.82	cps
Silicon	28-1	2504244	2731027	2836154	2690475	6.30	cps
Silver	107-1	4103672	4148967	4159077	4137239	0.71	cps
Silver	109-1	3955405	4012504	4008444	3992117	0.80	cps
Sodium	23-2	102055640	101793540	100964356	101604512	0.56	cps
Strontium	86-1	10187076	10395850	10345181	10309369	1.06	cps
Strontium	88-1	89479004	90052665	90134048	89888572	0.40	cps
Sulfur	34-1	742927	760592	768170	757230	1.71	cps
Terbium	159-1	11833622	11786248	11578443	11732771	1.16	cps
Terbium	159-2	7582437	7300522	7304632	7395864	2.18	cps
Thallium	203-1	3778315	3846024	3817186	3813842	0.89	cps
Thallium	205-1	9415663	9569669	9575799	9520377	0.95	cps

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	CCV13	Instrumnet Name :	P7
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 16:48:46	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	14585090	14652238	14842165	14693164	0.91	cps
Tin	118-1	2780213	2839958	2846597	2822256	1.30	cps
Titanium	47-1	2061419	2102283	2106089	2089930	1.18	cps
Uranium	238-1	13704278	14022447	14035082	13920602	1.35	cps
Vanadium	51-2	1108108	1097143	1086372	1097208	0.99	cps
Yttrium	89-1	12003635	11976835	12037445	12005972	0.25	cps
Yttrium	89-2	2501619	2464783	2463831	2476744	0.87	cps
Zinc	66-2	2429732	2401224	2392322	2407759	0.81	cps
Zirconium	90-1	5347574	5489982	5405588	5414381	1.32	cps
Zirconium	91-1	1195679	1212971	1208438	1205696	0.74	cps

LB Number : LB114690 Operator : JASWAL
 Lab Sample ID : CCB13 Instrumnet Name : P7
 Client Sample ID : CCB13 Dilution Factor : 1
 Date & Time Acquired :: 2021-05-27 17:03:49 DataFile Name : 020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	233	283	175	231	23.52	cps
Antimony	121-1	408	392	383	394	3.23	cps
Arsenic	75-2	11	7	6	8	35.21	cps
Barium	135-1	75	117	92	94	22.21	cps
Barium	137-1	142	192	200	178	17.75	cps
Beryllium	9-1	111	89	56	85	32.82	cps
Bismuth	209-1	8448813	8342386	8393184	8394794	0.63	cps
Bismuth	209-2	5830285	5916617	5787538	5844813	1.13	cps
Boron	10-1	650	583	600	611	5.68	cps
Boron	11-1	3359	3250	2900	3170	7.56	cps
Bromine	81-1	5985	6176	6201	6121	1.94	cps
Bromine	81-2	100	90	30	73	51.63	cps
Cadmium	111-1	3369	3312	3115	3265	4.08	cps
Cadmium	106-1	4784	4718	4451	4651	3.79	cps
Cadmium	108-1	25	33	13	24	44.41	cps
Calcium	43-1	250	342	283	292	15.91	cps
Calcium	44-1	12047	11488	11847	11794	2.40	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1173	1273	1107	1185	7.08	cps
Cobalt	59-2	290	257	367	304	18.53	cps
Copper	63-2	1353	1227	1300	1293	4.92	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	117	50	67	78	44.61	cps
Erbium	164-2	63	57	50	57	11.76	cps
Gadolinium	160-1	25	75	50	50	50.00	cps
Gadolinium	160-2	83	93	87	88	5.80	cps
Holmium	165-1	11795441	11998824	11746296	11846854	1.13	cps
Holmium	165-2	7705749	7702358	7594850	7667652	0.82	cps
Indium	115-1	8688839	8656201	8660466	8668502	0.20	cps
Indium	115-2	2480590	2485409	2459349	2475116	0.56	cps
Iron	56-2	11299	12094	12339	11911	4.56	cps
Iron	57-2	317	267	400	328	20.55	cps

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	CCB13	Instrumnet Name :	P7
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 17:03:49	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1161	1071	1061	1098	5.02	cps
Krypton	83-1	1697	1987	1823	1836	7.92	cps
Lead	206-1	1550	1683	1506	1580	5.86	cps
Lead	207-1	1561	1411	1428	1467	5.61	cps
Lead	208-1	6667	6290	6278	6412	3.45	cps
Lithium	6-1	1945679	1933614	1916057	1931783	0.77	cps
Magnesium	24-2	1583	1450	1417	1483	5.95	cps
Manganese	55-2	263	317	317	299	10.30	cps
Molybdenum	94-1	567	575	458	533	12.20	cps
Molybdenum	95-1	458	192	200	283	53.51	cps
Molybdenum	96-1	467	392	250	369	29.78	cps
Molybdenum	97-1	225	108	108	147	45.75	cps
Molybdenum	98-1	567	492	467	508	10.24	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	117	97	87	100	15.27	cps
Phosphorus	31-2	450	433	392	425	7.07	cps
Potassium	39-2	48672	48012	48438	48374	0.69	cps
Rhodium	103-1	8084377	8025359	7940668	8016801	0.90	cps
Rhodium	103-2	4721550	4757670	4679165	4719461	0.83	cps
Scandium	45-1	4633489	4633639	4599553	4622227	0.42	cps
Scandium	45-2	334677	335219	329741	333212	0.91	cps
Selenium	82-1	255	-51	61	88	175.43	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	94	126	119	113	14.57	cps
Silicon	28-1	281724	285920	285954	284533	0.85	cps
Silver	107-1	125	108	175	136	25.49	cps
Silver	109-1	142	142	50	111	47.63	cps
Sodium	23-2	21132	21407	19989	20843	3.61	cps
Strontium	86-1	3117	3309	3209	3212	2.98	cps
Strontium	88-1	1358	1742	2009	1703	19.19	cps
Sulfur	34-1	518517	514941	514434	515964	0.43	cps
Terbium	159-1	11884094	11862032	11778455	11841527	0.47	cps
Terbium	159-2	7507829	7625887	7509315	7547677	0.90	cps
Thallium	203-1	2392	2684	2534	2536	5.75	cps
Thallium	205-1	6310	6135	6335	6260	1.74	cps

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	CCB13	Instrumnet Name :	P7
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 17:03:49	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	617	422	600	546	19.73	cps
Tin	118-1	967	975	1017	986	2.72	cps
Titanium	47-1	133	183	100	139	30.20	cps
Uranium	238-1	208	275	217	233	15.57	cps
Vanadium	51-2	43	17	23	28	49.95	cps
Yttrium	89-1	12268151	12266179	12121857	12218729	0.69	cps
Yttrium	89-2	2548086	2573128	2530533	2550582	0.84	cps
Zinc	66-2	343	360	363	355	3.03	cps
Zirconium	90-1	1008	958	808	925	11.25	cps
Zirconium	91-1	242	158	258	219	24.41	cps

LB Number : LB114690 Operator : JASWAL
 Lab Sample ID : CRI Instrumnet Name : P7
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2021-05-27 17:06:52 DataFile Name : 021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2517	2934	2934	2795	8.61	cps
Antimony	121-1	15100	15492	15451	15348	1.40	cps
Arsenic	75-2	361	352	309	341	8.12	cps
Barium	135-1	17453	17695	16844	17331	2.53	cps
Barium	137-1	29741	30559	30760	30353	1.78	cps
Beryllium	9-1	1283	1256	1189	1243	3.91	cps
Bismuth	209-1	8377289	8577971	8393722	8449661	1.32	cps
Bismuth	209-2	5840520	5822128	5844843	5835830	0.21	cps
Boron	10-1	3942	4009	4609	4187	8.77	cps
Boron	11-1	19079	19087	20456	19541	4.06	cps
Bromine	81-1	5901	6010	6493	6135	5.14	cps
Bromine	81-2	90	80	50	73	28.39	cps
Cadmium	111-1	5299	5504	5446	5416	1.95	cps
Cadmium	106-1	4984	5218	5151	5118	2.35	cps
Cadmium	108-1	213	213	217	214	1.12	cps
Calcium	43-1	9828	9570	9695	9698	1.33	cps
Calcium	44-1	169487	166949	171440	169292	1.33	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6828	6958	6802	6863	1.22	cps
Cobalt	59-2	4978	5054	4834	4955	2.25	cps
Copper	63-2	7722	7805	7906	7811	1.18	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	83	92	92	89	5.41	cps
Erbium	164-2	43	40	67	50	29.06	cps
Gadolinium	160-1	75	108	83	89	19.52	cps
Gadolinium	160-2	97	103	83	94	10.78	cps
Holmium	165-1	11951166	12076372	11789016	11938851	1.21	cps
Holmium	165-2	7762095	7605494	7740160	7702583	1.10	cps
Indium	115-1	8775150	8629016	8744712	8716293	0.88	cps
Indium	115-2	2485150	2479175	2478303	2480876	0.15	cps
Iron	56-2	139555	137295	136952	137934	1.03	cps
Iron	57-2	3712	3528	3289	3510	6.03	cps

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 17:06:52	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	8271	8020	8151	8147	1.54	cps
Krypton	83-1	1923	1943	1953	1940	0.79	cps
Lead	206-1	8019	8075	7991	8028	0.53	cps
Lead	207-1	7280	7597	7335	7404	2.29	cps
Lead	208-1	32449	33100	32499	32683	1.11	cps
Lithium	6-1	1964800	1943552	1914639	1940997	1.30	cps
Magnesium	24-2	127444	127866	127194	127501	0.27	cps
Manganese	55-2	2314	2164	2167	2215	3.87	cps
Molybdenum	94-1	14616	14057	13765	14146	3.06	cps
Molybdenum	95-1	17586	18613	17127	17775	4.28	cps
Molybdenum	96-1	19172	19372	19547	19364	0.97	cps
Molybdenum	97-1	10529	11113	11004	10882	2.85	cps
Molybdenum	98-1	27794	27544	27811	27716	0.54	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1440	1290	1307	1346	6.11	cps
Phosphorus	31-2	467	542	400	469	15.10	cps
Potassium	39-2	167837	166203	165496	166512	0.72	cps
Rhodium	103-1	8126298	8071779	8062724	8086933	0.43	cps
Rhodium	103-2	4762540	4721541	4718829	4734303	0.52	cps
Scandium	45-1	4670613	4667696	4617660	4651990	0.64	cps
Scandium	45-2	337115	335611	331423	334716	0.88	cps
Selenium	82-1	536	538	563	546	2.73	cps
Selenium	77-2	47	40	43	43	7.70	cps
Selenium	78-2	250	231	261	248	6.05	cps
Silicon	28-1	320784	325535	325449	323923	0.84	cps
Silver	107-1	8745	9011	9020	8925	1.75	cps
Silver	109-1	8453	8711	8828	8664	2.22	cps
Sodium	23-2	238906	236825	233828	236520	1.08	cps
Strontium	86-1	5560	5151	4884	5198	6.54	cps
Strontium	88-1	19355	19347	19722	19475	1.10	cps
Sulfur	34-1	518482	526282	536569	527111	1.72	cps
Terbium	159-1	12044375	12062364	11951466	12019402	0.50	cps
Terbium	159-2	7521751	7429910	7501106	7484256	0.64	cps
Thallium	203-1	10546	10671	10087	10435	2.95	cps
Thallium	205-1	25500	24348	26176	25341	3.65	cps

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 17:06:52	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	583	644	422	550	20.87	cps
Tin	118-1	30976	32179	32029	31728	2.07	cps
Titanium	47-1	4442	4759	4651	4618	3.49	cps
Uranium	238-1	26561	26703	27521	26928	1.93	cps
Vanadium	51-2	12112	11815	11571	11833	2.29	cps
Yttrium	89-1	12523897	12307260	12194124	12341760	1.36	cps
Yttrium	89-2	2564014	2564431	2563356	2563934	0.02	cps
Zinc	66-2	1470	1531	1479	1493	2.22	cps
Zirconium	90-1	11688	11855	11872	11805	0.86	cps
Zirconium	91-1	2500	2667	2892	2686	7.32	cps

LB Number : LB114690 Operator : JASWAL
 Lab Sample ID : PB136622BL Instrumnet Name : P7
 Client Sample ID : PB136622BL Dilution Factor : 1
 Date & Time Acquired :: 2021-05-27 17:09:57 DataFile Name : 022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	58	67	72	24.02	cps
Antimony	121-1	158	175	192	175	9.52	cps
Arsenic	75-2	9	6	6	7	31.45	cps
Barium	135-1	8	25	8	14	69.31	cps
Barium	137-1	33	8	42	28	62.46	cps
Beryllium	9-1	67	89	39	65	38.65	cps
Bismuth	209-1	8405908	8358998	8311938	8358948	0.56	cps
Bismuth	209-2	5844048	5873825	5800091	5839321	0.64	cps
Boron	10-1	667	800	650	706	11.65	cps
Boron	11-1	3292	3125	3034	3150	4.16	cps
Bromine	81-1	6327	6518	6251	6365	2.16	cps
Bromine	81-2	80	50	90	73	28.39	cps
Cadmium	111-1	3433	3569	3261	3421	4.50	cps
Cadmium	106-1	4901	5126	4693	4907	4.42	cps
Cadmium	108-1	21	46	33	33	37.50	cps
Calcium	43-1	183	217	158	186	15.73	cps
Calcium	44-1	10738	10721	10212	10557	2.83	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1223	1187	1270	1227	3.40	cps
Cobalt	59-2	197	307	237	247	22.57	cps
Copper	63-2	910	990	1103	1001	9.70	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	75	83	83	81	5.98	cps
Erbium	164-2	30	50	47	42	25.38	cps
Gadolinium	160-1	67	67	25	53	45.58	cps
Gadolinium	160-2	80	70	93	81	14.43	cps
Holmium	165-1	11854193	11692672	11679995	11742287	0.83	cps
Holmium	165-2	7761852	7692483	7574859	7676398	1.23	cps
Indium	115-1	8623887	8666582	8650552	8647007	0.25	cps
Indium	115-2	2494327	2469302	2470128	2477919	0.57	cps
Iron	56-2	4606	4612	4773	4664	2.03	cps
Iron	57-2	189	89	67	115	56.70	cps

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	PB136622BL	Instrumnet Name :	P7
Client Sample ID :	PB136622BL	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 17:09:57	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	681	751	701	711	5.08	cps
Krypton	83-1	1900	1860	1820	1860	2.15	cps
Lead	206-1	1111	1022	1178	1104	7.07	cps
Lead	207-1	972	1006	906	961	5.30	cps
Lead	208-1	4489	4406	4523	4473	1.34	cps
Lithium	6-1	1922874	1927824	1934157	1928285	0.29	cps
Magnesium	24-2	350	275	208	278	25.51	cps
Manganese	55-2	140	123	113	126	10.73	cps
Molybdenum	94-1	258	283	233	258	9.68	cps
Molybdenum	95-1	58	67	83	69	18.34	cps
Molybdenum	96-1	150	117	150	139	13.86	cps
Molybdenum	97-1	33	17	8	19	65.47	cps
Molybdenum	98-1	67	83	92	81	15.80	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	57	87	87	77	22.59	cps
Phosphorus	31-2	475	433	525	478	9.61	cps
Potassium	39-2	47852	48112	47184	47716	1.00	cps
Rhodium	103-1	7995232	8002667	7982814	7993571	0.13	cps
Rhodium	103-2	4781718	4752569	4738520	4757602	0.46	cps
Scandium	45-1	4601464	4612381	4590076	4601307	0.24	cps
Scandium	45-2	336197	332193	332708	333699	0.65	cps
Selenium	82-1	-30	33	3	2	1461.55	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	67	124	111	101	29.92	cps
Silicon	28-1	286142	285400	285877	285806	0.13	cps
Silver	107-1	192	125	125	147	26.15	cps
Silver	109-1	92	42	133	89	51.63	cps
Sodium	23-2	17052	16735	17102	16963	1.17	cps
Strontium	86-1	3100	3350	2984	3145	5.96	cps
Strontium	88-1	158	133	150	147	8.65	cps
Sulfur	34-1	525457	519011	516830	520433	0.86	cps
Terbium	159-1	11915020	11815146	11732696	11820954	0.77	cps
Terbium	159-2	7687296	7629562	7531199	7616019	1.04	cps
Thallium	203-1	2150	2159	2184	2164	0.80	cps
Thallium	205-1	5043	5543	5501	5362	5.18	cps

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	PB136622BL	Instrumnet Name :	P7
Client Sample ID :	PB136622BL	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 17:09:57	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	267	183	250	233	18.90	cps
Tin	118-1	958	867	883	903	5.41	cps
Titanium	47-1	83	58	150	97	48.74	cps
Uranium	238-1	0	17	25	14	91.65	cps
Vanadium	51-2	7	7	7	7	0.00	cps
Yttrium	89-1	12168074	12248882	12281503	12232820	0.48	cps
Yttrium	89-2	2578137	2550931	2557591	2562220	0.55	cps
Zinc	66-2	390	293	340	341	14.17	cps
Zirconium	90-1	725	708	692	708	2.35	cps
Zirconium	91-1	175	142	158	158	10.53	cps

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	PB136622BS	Instrumnet Name :	P7
Client Sample ID :	PB136622BS	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 17:13:01	DataFile Name :	023LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1119343	1103628	1106832	1109934	0.75	cps
Antimony	121-1	3567758	3639540	3606334	3604544	1.00	cps
Arsenic	75-2	152394	152272	151427	152031	0.35	cps
Barium	135-1	4017964	4063536	4016724	4032741	0.66	cps
Barium	137-1	7169681	7106249	7050187	7108706	0.84	cps
Beryllium	9-1	584874	581075	589947	585299	0.76	cps
Bismuth	209-1	8149663	8103670	7972451	8075261	1.14	cps
Bismuth	209-2	5596063	5623395	5590502	5603320	0.31	cps
Boron	10-1	66529	68731	70757	68672	3.08	cps
Boron	11-1	318291	335877	344882	333017	4.06	cps
Bromine	81-1	6093	6343	5735	6057	5.05	cps
Bromine	81-2	60	60	30	50	34.64	cps
Cadmium	111-1	931649	931408	930754	931270	0.05	cps
Cadmium	106-1	106370	107529	108345	107415	0.92	cps
Cadmium	108-1	71792	72073	70733	71533	0.99	cps
Calcium	43-1	967475	969078	966960	967838	0.11	cps
Calcium	44-1	14518819	14700144	14559727	14592897	0.65	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1334828	1328128	1342716	1335224	0.55	cps
Cobalt	59-2	2146759	2153485	2168297	2156180	0.51	cps
Copper	63-2	15517797	15338086	15359221	15405034	0.64	cps
Dysprosium	156-1	292	242	350	294	18.42	cps
Dysprosium	156-2	137	167	190	164	16.26	cps
Erbium	164-1	125	133	150	136	9.36	cps
Erbium	164-2	73	83	70	76	9.18	cps
Gadolinium	160-1	308	375	375	353	10.91	cps
Gadolinium	160-2	197	183	230	203	11.82	cps
Holmium	165-1	11701575	11526404	11345230	11524403	1.55	cps
Holmium	165-2	7619251	7533279	7547865	7566798	0.61	cps
Indium	115-1	8443756	8263433	8227917	8311702	1.39	cps
Indium	115-2	2371046	2359106	2367706	2365953	0.26	cps
Iron	56-2	60700182	59439511	59811337	59983677	1.08	cps
Iron	57-2	1509135	1505157	1515709	1510000	0.35	cps

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	PB136622BS	Instrumnet Name :	P7
Client Sample ID :	PB136622BS	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 17:13:01	DataFile Name :	023LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	3340278	3338516	3346336	3341710	0.12	cps
Krypton	83-1	1977	1967	1850	1931	3.65	cps
Lead	206-1	16854891	16675373	16799356	16776540	0.55	cps
Lead	207-1	15361754	15241232	15578672	15393886	1.11	cps
Lead	208-1	68990507	68207802	68825220	68674510	0.60	cps
Lithium	6-1	1915422	1906603	1868157	1896727	1.33	cps
Magnesium	24-2	12107413	12004860	11988161	12033478	0.54	cps
Manganese	55-2	8977263	9027827	8974354	8993148	0.33	cps
Molybdenum	94-1	6945877	6863459	6894656	6901331	0.60	cps
Molybdenum	95-1	8526803	8594195	8514100	8545032	0.50	cps
Molybdenum	96-1	9498108	9539567	9527897	9521858	0.22	cps
Molybdenum	97-1	5191953	5248768	5244638	5228453	0.61	cps
Molybdenum	98-1	13758577	13835780	13904583	13832980	0.53	cps
Neodymium	150-1	260	307	253	273	10.63	cps
Neodymium	150-2	20	43	50	38	41.70	cps
Nickel	60-2	560976	565114	563280	563123	0.37	cps
Phosphorus	31-2	56524	55345	54968	55612	1.46	cps
Potassium	39-2	5530158	5524947	5426348	5493818	1.06	cps
Rhodium	103-1	7592375	7569071	7396551	7519332	1.42	cps
Rhodium	103-2	4493875	4483591	4506109	4494525	0.25	cps
Scandium	45-1	4546882	4526675	4470781	4514780	0.87	cps
Scandium	45-2	324533	326164	326379	325692	0.31	cps
Selenium	82-1	55106	54906	54890	54967	0.22	cps
Selenium	77-2	3957	4151	4001	4036	2.51	cps
Selenium	78-2	13682	13708	13818	13736	0.52	cps
Silicon	28-1	2170583	2207119	2237081	2204928	1.51	cps
Silver	107-1	4297733	4285995	4311874	4298534	0.30	cps
Silver	109-1	4155074	4160091	4123820	4146328	0.47	cps
Sodium	23-2	21038484	20998597	20821997	20953026	0.55	cps
Strontium	86-1	10320548	10384798	10312635	10339327	0.38	cps
Strontium	88-1	90288408	90255696	89982458	90175521	0.19	cps
Sulfur	34-1	811830	805090	803275	806731	0.56	cps
Terbium	159-1	11698277	11730217	11432733	11620409	1.41	cps
Terbium	159-2	7381025	7257447	7390177	7342883	1.01	cps
Thallium	203-1	3911170	3926130	3858915	3898739	0.91	cps
Thallium	205-1	9758652	9795150	9665894	9739899	0.68	cps

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	PB136622BS	Instrumnet Name :	P7
Client Sample ID :	PB136622BS	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 17:13:01	DataFile Name :	023LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	14670802	14776576	14570475	14672618	0.70	cps
Tin	118-1	2851134	2865217	2866313	2860888	0.30	cps
Titanium	47-1	2100348	2112166	2091660	2101392	0.49	cps
Uranium	238-1	13859677	14110078	13965774	13978510	0.90	cps
Vanadium	51-2	1092992	1096063	1102388	1097148	0.44	cps
Yttrium	89-1	11975416	11955283	11848750	11926483	0.57	cps
Yttrium	89-2	2493058	2480780	2474420	2482753	0.38	cps
Zinc	66-2	2522501	2528309	2524004	2524938	0.12	cps
Zirconium	90-1	5320827	5468858	5556693	5448793	2.19	cps
Zirconium	91-1	1194099	1201236	1199452	1198262	0.31	cps

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	M2214-11DLX5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	5
Date & Time Acquired ::	2021-05-27 17:19:36	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2468871	2470155	2465073	2468033	0.11	cps
Antimony	121-1	1192195	1202450	1230413	1208353	1.64	cps
Arsenic	75-2	202240	200329	198926	200498	0.83	cps
Barium	135-1	2137595	2160015	2216106	2171239	1.86	cps
Barium	137-1	3680756	3730849	3813484	3741696	1.79	cps
Beryllium	9-1	160436	165020	164457	163304	1.53	cps
Bismuth	209-1	8455186	8385344	8509220	8449917	0.73	cps
Bismuth	209-2	5787384	5805221	5773899	5788834	0.27	cps
Boron	10-1	116252	124324	130264	123613	5.69	cps
Boron	11-1	562572	599735	647170	603159	7.03	cps
Bromine	81-1	8036	8353	7952	8114	2.60	cps
Bromine	81-2	440	400	320	387	15.80	cps
Cadmium	111-1	919919	942272	942720	934970	1.39	cps
Cadmium	106-1	86152	88701	90822	88558	2.64	cps
Cadmium	108-1	60779	62202	62980	61987	1.80	cps
Calcium	43-1	588293	592638	599467	593466	0.95	cps
Calcium	44-1	8930395	8984659	9091871	9002308	0.91	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	953043	952926	942737	949569	0.62	cps
Cobalt	59-2	3004036	2994875	2955601	2984837	0.86	cps
Copper	63-2	2166589	2164425	2150757	2160590	0.40	cps
Dysprosium	156-1	55220	55103	58526	56283	3.45	cps
Dysprosium	156-2	30694	30554	31109	30786	0.94	cps
Erbium	164-1	34945	34310	36173	35143	2.70	cps
Erbium	164-2	22328	22382	21871	22194	1.27	cps
Gadolinium	160-1	43444	43871	44807	44041	1.58	cps
Gadolinium	160-2	30203	30744	30654	30534	0.95	cps
Holmium	165-1	12001073	12024654	12085694	12037141	0.36	cps
Holmium	165-2	7829817	7800063	7857795	7829225	0.37	cps
Indium	115-1	8745560	8782854	8739538	8755984	0.27	cps
Indium	115-2	2474671	2491976	2482903	2483183	0.35	cps
Iron	56-2	84837385	84290627	83978202	84368738	0.52	cps
Iron	57-2	2131928	2103884	2110081	2115298	0.70	cps

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	M2214-11DLX5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	5
Date & Time Acquired ::	2021-05-27 17:19:36	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	4716582	4655698	4628902	4667061	0.96	cps
Krypton	83-1	1977	1923	1867	1922	2.86	cps
Lead	206-1	1119703	1136946	1144757	1133802	1.13	cps
Lead	207-1	980100	991102	1005740	992314	1.30	cps
Lead	208-1	4482063	4539338	4601139	4540847	1.31	cps
Lithium	6-1	2427816	2444162	2485980	2452652	1.22	cps
Magnesium	24-2	11044916	11032549	10941838	11006434	0.51	cps
Manganese	55-2	5871289	5779948	5722521	5791252	1.30	cps
Molybdenum	94-1	178839	179540	181108	179829	0.65	cps
Molybdenum	95-1	246342	249198	253277	249606	1.40	cps
Molybdenum	96-1	272762	274570	274025	273786	0.34	cps
Molybdenum	97-1	154520	158226	157535	156760	1.26	cps
Molybdenum	98-1	405626	409271	404110	406336	0.65	cps
Neodymium	150-1	95587	94367	97601	95852	1.70	cps
Neodymium	150-2	51024	51345	51342	51237	0.36	cps
Nickel	60-2	239975	239615	238266	239285	0.38	cps
Phosphorus	31-2	9320	9011	9420	9250	2.30	cps
Potassium	39-2	9977710	10000280	9947921	9975304	0.26	cps
Rhodium	103-1	7919604	7896467	7997475	7937849	0.67	cps
Rhodium	103-2	4686649	4675077	4709960	4690562	0.38	cps
Scandium	45-1	4721216	4687177	4708074	4705489	0.36	cps
Scandium	45-2	343018	338337	335204	338853	1.16	cps
Selenium	82-1	59606	60360	61046	60338	1.19	cps
Selenium	77-2	4501	4274	4357	4377	2.62	cps
Selenium	78-2	15075	14802	15049	14975	1.00	cps
Silicon	28-1	10999658	11048501	11314935	11121031	1.53	cps
Silver	107-1	865221	869787	885364	873457	1.21	cps
Silver	109-1	833636	841886	852401	842641	1.12	cps
Sodium	23-2	2124197	2129474	2120422	2124698	0.21	cps
Strontium	86-1	656494	662965	673781	664413	1.31	cps
Strontium	88-1	5619535	5862999	5907323	5796619	2.67	cps
Sulfur	34-1	479744	469501	470262	473169	1.21	cps
Terbium	159-1	12169148	12044131	12176227	12129835	0.61	cps
Terbium	159-2	7570595	7618164	7673807	7620855	0.68	cps
Thallium	203-1	1862514	1879183	1904054	1881917	1.11	cps
Thallium	205-1	4463321	4499174	4593490	4518662	1.49	cps

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	M2214-11DLX5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	5
Date & Time Acquired ::	2021-05-27 17:19:36	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	495432	498670	503380	499161	0.80	cps
Tin	118-1	1073168	1076335	1099159	1082887	1.31	cps
Titanium	47-1	1302595	1329172	1336534	1322767	1.35	cps
Uranium	238-1	2318496	2344316	2399821	2354211	1.77	cps
Vanadium	51-2	288617	288185	289085	288629	0.16	cps
Yttrium	89-1	12666687	12485180	12718494	12623454	0.97	cps
Yttrium	89-2	2635172	2622825	2616716	2624904	0.36	cps
Zinc	66-2	701516	699657	694435	698536	0.53	cps
Zirconium	90-1	101416	100568	102893	101625	1.16	cps
Zirconium	91-1	23127	23612	24071	23603	2.00	cps

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	M2214-11DL2X10	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL2	Dilution Factor :	10
Date & Time Acquired ::	2021-05-27 17:24:42	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1248474	1242416	1238343	1243078	0.41	cps
Antimony	121-1	598953	601054	610045	603351	0.98	cps
Arsenic	75-2	101700	100966	101530	101399	0.38	cps
Barium	135-1	1085434	1092811	1098845	1092363	0.61	cps
Barium	137-1	1880408	1885836	1907724	1891322	0.76	cps
Beryllium	9-1	80858	80747	80026	80544	0.56	cps
Bismuth	209-1	8617703	8401006	8454406	8491038	1.33	cps
Bismuth	209-2	5817111	5813932	5845245	5825429	0.30	cps
Boron	10-1	60730	63852	64990	63190	3.49	cps
Boron	11-1	290688	316082	318677	308483	5.01	cps
Bromine	81-1	7460	7285	7369	7371	1.19	cps
Bromine	81-2	330	310	240	294	16.11	cps
Cadmium	111-1	470905	470195	474320	471807	0.47	cps
Cadmium	106-1	45941	46042	47513	46499	1.89	cps
Cadmium	108-1	30725	31844	31134	31234	1.81	cps
Calcium	43-1	297624	294977	301808	298136	1.16	cps
Calcium	44-1	4673817	4714153	4770392	4719454	1.03	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	479957	477923	481959	479946	0.42	cps
Cobalt	59-2	1518090	1519810	1517571	1518490	0.08	cps
Copper	63-2	1092991	1094226	1092312	1093177	0.09	cps
Dysprosium	156-1	28714	27586	28873	28391	2.47	cps
Dysprosium	156-2	15319	15312	15202	15277	0.43	cps
Erbium	164-1	16627	18088	17161	17292	4.27	cps
Erbium	164-2	10851	11128	10921	10967	1.31	cps
Gadolinium	160-1	22127	22143	22886	22385	1.94	cps
Gadolinium	160-2	15319	15329	15489	15379	0.62	cps
Holmium	165-1	12351337	12001321	12174032	12175563	1.44	cps
Holmium	165-2	7881868	7898916	7916832	7899205	0.22	cps
Indium	115-1	8952799	8670427	8743070	8788765	1.67	cps
Indium	115-2	2487800	2487234	2485286	2486773	0.05	cps
Iron	56-2	42448587	42904191	43050548	42801109	0.73	cps
Iron	57-2	1065527	1077524	1073673	1072242	0.57	cps

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	M2214-11DL2X10	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL2	Dilution Factor :	10
Date & Time Acquired ::	2021-05-27 17:24:42	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	2357107	2375475	2370375	2367652	0.40	cps
Krypton	83-1	2010	1913	1913	1946	2.87	cps
Lead	206-1	567667	574767	582331	574922	1.28	cps
Lead	207-1	492408	506101	505927	501478	1.57	cps
Lead	208-1	2266830	2297190	2321381	2295134	1.19	cps
Lithium	6-1	2207367	2192152	2187183	2195567	0.48	cps
Magnesium	24-2	5552770	5472084	5491559	5505471	0.76	cps
Manganese	55-2	2845304	2844288	2863426	2851006	0.38	cps
Molybdenum	94-1	89379	88691	94159	90743	3.28	cps
Molybdenum	95-1	125084	125614	127943	126214	1.21	cps
Molybdenum	96-1	137750	137069	139231	138017	0.80	cps
Molybdenum	97-1	79580	78423	79269	79091	0.76	cps
Molybdenum	98-1	202976	201158	204200	202778	0.75	cps
Neodymium	150-1	48278	48686	48692	48552	0.49	cps
Neodymium	150-2	25637	25711	26252	25866	1.30	cps
Nickel	60-2	121958	120620	121444	121341	0.56	cps
Phosphorus	31-2	4426	5018	5068	4837	7.38	cps
Potassium	39-2	4997716	5084122	5030774	5037537	0.87	cps
Rhodium	103-1	8143782	7868017	7873326	7961708	1.98	cps
Rhodium	103-2	4739649	4741791	4741757	4741066	0.03	cps
Scandium	45-1	4862928	4790755	4697026	4783570	1.74	cps
Scandium	45-2	336243	336604	341350	338066	0.84	cps
Selenium	82-1	30211	30165	30482	30286	0.57	cps
Selenium	77-2	2194	2257	2264	2238	1.73	cps
Selenium	78-2	7546	7226	7778	7517	3.69	cps
Silicon	28-1	6060141	5826819	5726798	5871253	2.91	cps
Silver	107-1	434728	442445	440807	439327	0.93	cps
Silver	109-1	429394	425779	423547	426240	0.69	cps
Sodium	23-2	1071815	1065377	1072338	1069843	0.36	cps
Strontium	86-1	327418	333303	335509	332077	1.26	cps
Strontium	88-1	2823213	2873106	2895031	2863783	1.29	cps
Sulfur	34-1	458992	465434	461711	462046	0.70	cps
Terbium	159-1	12201445	12057144	12149996	12136195	0.60	cps
Terbium	159-2	7643991	7740108	7664593	7682897	0.66	cps
Thallium	203-1	949096	944216	957123	950145	0.69	cps
Thallium	205-1	2258896	2273032	2291344	2274424	0.72	cps

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	M2214-11DL2X10	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL2	Dilution Factor :	10
Date & Time Acquired ::	2021-05-27 17:24:42	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	245507	246523	249386	247139	0.81	cps
Tin	118-1	541664	539142	548037	542947	0.84	cps
Titanium	47-1	656465	660273	668259	661666	0.91	cps
Uranium	238-1	1181341	1181476	1183884	1182233	0.12	cps
Vanadium	51-2	144286	145111	145821	145073	0.53	cps
Yttrium	89-1	12304782	12524614	12511394	12446930	0.99	cps
Yttrium	89-2	2611868	2611253	2593365	2605495	0.40	cps
Zinc	66-2	351265	354104	352138	352503	0.41	cps
Zirconium	90-1	49529	51184	52346	51019	2.77	cps
Zirconium	91-1	11346	11772	11730	11616	2.02	cps

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	M2214-11	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOIL	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 17:27:45	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11662745	11416158	11563553	11547485	1.07	cps
Antimony	121-1	5926462	6343824	6301359	6190548	3.71	cps
Arsenic	75-2	961143	958090	953284	957506	0.41	cps
Barium	135-1	11055095	11257766	11341654	11218172	1.31	cps
Barium	137-1	19303610	19432899	19721236	19485915	1.10	cps
Beryllium	9-1	727042	729051	714598	723564	1.08	cps
Bismuth	209-1	8658956	8669300	8595731	8641329	0.46	cps
Bismuth	209-2	5601837	5628274	5698489	5642867	0.89	cps
Boron	10-1	539768	574841	580408	565006	3.90	cps
Boron	11-1	2674272	2842778	2898178	2805076	4.16	cps
Bromine	81-1	16193	16502	16969	16554	2.36	cps
Bromine	81-2	1912	1912	1642	1822	8.57	cps
Cadmium	111-1	4450011	4540432	4549431	4513291	1.22	cps
Cadmium	106-1	414582	417119	419547	417083	0.60	cps
Cadmium	108-1	299887	306605	306723	304405	1.29	cps
Calcium	43-1	2895313	2915180	2897902	2902798	0.37	cps
Calcium	44-1	44401419	44779886	44411209	44530838	0.48	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4553777	4518394	4471070	4514414	0.92	cps
Cobalt	59-2	14668845	14747291	14518224	14644786	0.79	cps
Copper	63-2	10660317	10611495	10482435	10584749	0.87	cps
Dysprosium	156-1	278426	281533	280704	280221	0.57	cps
Dysprosium	156-2	151144	151166	151068	151126	0.03	cps
Erbium	164-1	174351	179279	179228	177619	1.59	cps
Erbium	164-2	108133	108698	108567	108466	0.27	cps
Gadolinium	160-1	220789	227836	227045	225223	1.71	cps
Gadolinium	160-2	152082	153103	152463	152549	0.34	cps
Holmium	165-1	12614559	12571038	12400615	12528737	0.90	cps
Holmium	165-2	7842156	7821714	7860151	7841340	0.25	cps
Indium	115-1	9778010	9857818	9944143	9859990	0.84	cps
Indium	115-2	2617800	2587215	2577124	2594046	0.82	cps
Iron	56-2	409967231	404084342	400356787	404802787	1.20	cps
Iron	57-2	10112309	10033764	9999735	10048603	0.57	cps

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	M2214-11	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOIL	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 17:27:45	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	22372551	22321734	21845121	22179802	1.31	cps
Krypton	83-1	2124	2180	2124	2142	1.53	cps
Lead	206-1	5524206	5670218	5641114	5611846	1.38	cps
Lead	207-1	4773444	4926602	4907545	4869197	1.71	cps
Lead	208-1	22718292	23262539	23200662	23060498	1.29	cps
Lithium	6-1	4198169	4231675	4246513	4225453	0.59	cps
Magnesium	24-2	52177461	51102519	51212765	51497581	1.15	cps
Manganese	55-2	27583545	27181034	27081330	27281969	0.97	cps
Molybdenum	94-1	893204	918142	917871	909739	1.57	cps
Molybdenum	95-1	1251512	1263291	1266689	1260497	0.63	cps
Molybdenum	96-1	1371626	1379296	1390159	1380360	0.67	cps
Molybdenum	97-1	789683	798509	801634	796609	0.78	cps
Molybdenum	98-1	2013532	2045153	2048092	2035592	0.94	cps
Neodymium	150-1	485682	500257	498018	494652	1.59	cps
Neodymium	150-2	255179	252371	251837	253129	0.71	cps
Nickel	60-2	1131565	1131345	1113407	1125439	0.93	cps
Phosphorus	31-2	42277	40739	41400	41472	1.86	cps
Potassium	39-2	47471107	46773277	46790332	47011572	0.85	cps
Rhodium	103-1	7803209	7768619	7613839	7728556	1.30	cps
Rhodium	103-2	4491430	4489028	4509620	4496693	0.25	cps
Scandium	45-1	5057031	5105636	4965348	5042672	1.41	cps
Scandium	45-2	345502	343588	342992	344027	0.38	cps
Selenium	82-1	293662	300080	296956	296899	1.08	cps
Selenium	77-2	20772	21082	21075	20976	0.85	cps
Selenium	78-2	69848	69069	69307	69408	0.58	cps
Silicon	28-1	53369814	52983935	52776076	53043275	0.57	cps
Silver	107-1	4151790	4161042	4227645	4180159	0.99	cps
Silver	109-1	3979511	4079211	4075367	4044696	1.40	cps
Sodium	23-2	10163999	10046804	10046118	10085640	0.67	cps
Strontium	86-1	3275454	3318421	3314634	3302837	0.72	cps
Strontium	88-1	29039149	29465336	29456546	29320344	0.83	cps
Sulfur	34-1	480796	481937	470594	477776	1.31	cps
Terbium	159-1	12733378	12672466	12579200	12661681	0.61	cps
Terbium	159-2	7614418	7743647	7649903	7669323	0.87	cps
Thallium	203-1	9598457	9854914	9902002	9785124	1.67	cps
Thallium	205-1	23220738	23502667	23561297	23428234	0.78	cps

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	M2214-11	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOIL	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 17:27:45	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	2511753	2546729	2579849	2546110	1.34	cps
Tin	118-1	5272388	5349769	5339026	5320394	0.79	cps
Titanium	47-1	6539456	6646219	6628025	6604567	0.86	cps
Uranium	238-1	12490784	12943579	12881460	12771941	1.92	cps
Vanadium	51-2	1389307	1387214	1365361	1380628	0.96	cps
Yttrium	89-1	14580199	14219664	14367246	14389036	1.26	cps
Yttrium	89-2	2861061	2854416	2840783	2852087	0.36	cps
Zinc	66-2	3252707	3237197	3205728	3231877	0.74	cps
Zirconium	90-1	535687	517577	522065	525110	1.80	cps
Zirconium	91-1	117092	121192	118393	118892	1.76	cps

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	M2214-11DL2REX10	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL2RE	Dilution Factor :	10
Date & Time Acquired ::	2021-05-27 17:36:25	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1171395	1185205	1174515	1177038	0.62	cps
Antimony	121-1	607844	605744	610265	607951	0.37	cps
Arsenic	75-2	96495	97171	96428	96698	0.43	cps
Barium	135-1	1082175	1084854	1105482	1090837	1.17	cps
Barium	137-1	1883471	1894328	1904267	1894022	0.55	cps
Beryllium	9-1	78167	76145	77323	77212	1.32	cps
Bismuth	209-1	8684182	8427838	8532007	8548009	1.51	cps
Bismuth	209-2	5814430	5884471	5835563	5844821	0.61	cps
Boron	10-1	63416	66069	66965	65483	2.82	cps
Boron	11-1	302325	318978	328884	316729	4.24	cps
Bromine	81-1	7569	7410	7402	7460	1.26	cps
Bromine	81-2	240	310	180	244	26.74	cps
Cadmium	111-1	462961	474201	472608	469923	1.29	cps
Cadmium	106-1	45791	46242	45858	45964	0.53	cps
Cadmium	108-1	30904	30708	30800	30804	0.32	cps
Calcium	43-1	295803	286407	287656	289955	1.76	cps
Calcium	44-1	4639072	4587649	4618820	4615180	0.56	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	460857	464291	455232	460127	0.99	cps
Cobalt	59-2	1452882	1468958	1457828	1459889	0.56	cps
Copper	63-2	1051346	1066048	1060566	1059320	0.70	cps
Dysprosium	156-1	28179	27946	28338	28154	0.70	cps
Dysprosium	156-2	15172	15529	15275	15325	1.20	cps
Erbium	164-1	17370	17336	17745	17484	1.30	cps
Erbium	164-2	10661	10998	10834	10831	1.56	cps
Gadolinium	160-1	20716	21935	21801	21484	3.11	cps
Gadolinium	160-2	15275	15299	14701	15092	2.24	cps
Holmium	165-1	12395887	12150165	12042841	12196298	1.48	cps
Holmium	165-2	7753475	7806217	7801977	7787223	0.38	cps
Indium	115-1	8660605	8729421	8673644	8687890	0.42	cps
Indium	115-2	2409311	2435524	2424599	2423145	0.54	cps
Iron	56-2	40670059	41316968	40622726	40869918	0.95	cps
Iron	57-2	1023618	1034630	1023480	1027243	0.62	cps

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	M2214-11DL2REX10	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL2RE	Dilution Factor :	10
Date & Time Acquired ::	2021-05-27 17:36:25	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	2257170	2277862	2277586	2270873	0.52	cps
Krypton	83-1	1800	1847	1900	1849	2.71	cps
Lead	206-1	576319	574307	583047	577891	0.79	cps
Lead	207-1	504054	503920	504230	504068	0.03	cps
Lead	208-1	2307274	2300273	2312377	2306641	0.26	cps
Lithium	6-1	2081541	2091499	2108288	2093776	0.65	cps
Magnesium	24-2	5247802	5224329	5255527	5242553	0.31	cps
Manganese	55-2	2703895	2740428	2732497	2725607	0.71	cps
Molybdenum	94-1	89287	88179	91097	89521	1.65	cps
Molybdenum	95-1	124454	122925	125639	124340	1.09	cps
Molybdenum	96-1	136043	135537	137111	136230	0.59	cps
Molybdenum	97-1	76446	77769	78415	77543	1.29	cps
Molybdenum	98-1	199554	201437	203923	201638	1.09	cps
Neodymium	150-1	47896	48759	49254	48637	1.41	cps
Neodymium	150-2	25410	25737	24913	25353	1.64	cps
Nickel	60-2	117468	118614	117280	117788	0.61	cps
Phosphorus	31-2	4809	5059	4993	4954	2.61	cps
Potassium	39-2	4754829	4804974	4792773	4784192	0.55	cps
Rhodium	103-1	8024348	7848411	7821115	7897958	1.40	cps
Rhodium	103-2	4610301	4723567	4654227	4662698	1.22	cps
Scandium	45-1	4579015	4490700	4531556	4533757	0.97	cps
Scandium	45-2	319986	325367	324283	323212	0.88	cps
Selenium	82-1	29609	29775	29692	29692	0.28	cps
Selenium	77-2	2207	2217	2184	2202	0.78	cps
Selenium	78-2	7172	7076	7055	7101	0.88	cps
Silicon	28-1	5536414	5444240	6585468	5855374	10.83	cps
Silver	107-1	435751	432739	434831	434440	0.36	cps
Silver	109-1	419703	423714	416427	419948	0.87	cps
Sodium	23-2	1015505	1019427	1011655	1015529	0.38	cps
Strontium	86-1	326845	329922	331859	329542	0.77	cps
Strontium	88-1	2826565	2823876	2832243	2827562	0.15	cps
Sulfur	34-1	440998	433636	429661	434765	1.32	cps
Terbium	159-1	12274862	12214363	12085891	12191705	0.79	cps
Terbium	159-2	7569320	7650200	7601544	7607021	0.54	cps
Thallium	203-1	957649	959131	968841	961874	0.63	cps
Thallium	205-1	2306583	2312101	2330953	2316546	0.55	cps

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	M2214-11DL2REX10	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL2RE	Dilution Factor :	10
Date & Time Acquired ::	2021-05-27 17:36:25	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	250745	251841	254080	252222	0.67	cps
Tin	118-1	536047	549707	540882	542212	1.28	cps
Titanium	47-1	648598	642882	650377	647286	0.61	cps
Uranium	238-1	1181475	1199052	1218386	1199638	1.54	cps
Vanadium	51-2	137516	139619	136817	137984	1.06	cps
Yttrium	89-1	12480534	12280101	12296158	12352264	0.90	cps
Yttrium	89-2	2510673	2527949	2524025	2520883	0.36	cps
Zinc	66-2	340029	345413	341290	342244	0.82	cps
Zirconium	90-1	51837	50364	50263	50822	1.73	cps
Zirconium	91-1	11555	11572	12131	11752	2.79	cps

LB Number : LB114690 Operator : JASWAL
 Lab Sample ID : CCV14 Instrumnet Name : P7
 Client Sample ID : CCV14 Dilution Factor : 1
 Date & Time Acquired :: 2021-05-27 17:45:09 DataFile Name : 028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5184632	4953740	4960845	5033072	2.61	cps
Antimony	121-1	3416322	3486453	3500859	3467878	1.30	cps
Arsenic	75-2	141018	134375	136177	137190	2.50	cps
Barium	135-1	3868386	3931392	3960471	3920083	1.20	cps
Barium	137-1	6990888	7032266	7043526	7022226	0.39	cps
Beryllium	9-1	543829	549156	554317	549101	0.96	cps
Bismuth	209-1	7898427	7791069	7787299	7825598	0.81	cps
Bismuth	209-2	5224102	5261802	5382767	5289557	1.57	cps
Boron	10-1	68228	70062	72942	70411	3.37	cps
Boron	11-1	334825	347687	351367	344626	2.52	cps
Bromine	81-1	5601	5801	5485	5629	2.85	cps
Bromine	81-2	90	100	40	77	41.93	cps
Cadmium	111-1	861242	869235	883608	871362	1.30	cps
Cadmium	106-1	97811	99909	102635	100118	2.42	cps
Cadmium	108-1	66006	66961	67375	66781	1.05	cps
Calcium	43-1	4273020	4334402	4338734	4315385	0.85	cps
Calcium	44-1	66390447	66847529	66970014	66735997	0.46	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1238042	1189911	1196781	1208245	2.15	cps
Cobalt	59-2	1980653	1905195	1906525	1930791	2.24	cps
Copper	63-2	13995967	13316013	13389682	13567221	2.75	cps
Dysprosium	156-1	1117	1075	1100	1097	1.91	cps
Dysprosium	156-2	647	663	730	680	6.48	cps
Erbium	164-1	267	350	275	297	15.44	cps
Erbium	164-2	163	137	140	147	9.91	cps
Gadolinium	160-1	1375	1025	1300	1233	14.94	cps
Gadolinium	160-2	913	783	880	859	7.86	cps
Holmium	165-1	11708571	11667223	11632166	11669320	0.33	cps
Holmium	165-2	7443466	7406746	7565140	7471784	1.11	cps
Indium	115-1	8095706	8018640	7942987	8019111	0.95	cps
Indium	115-2	2215524	2208852	2286001	2236793	1.91	cps
Iron	56-2	279096967	265986173	266150862	270411334	2.78	cps
Iron	57-2	6921661	6579569	6632910	6711380	2.74	cps

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	CCV14	Instrumnet Name :	P7
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 17:45:09	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	15022510	14271362	14443700	14579191	2.70	cps
Krypton	83-1	1920	1710	1913	1848	6.46	cps
Lead	206-1	16244933	16294940	16573016	16370963	1.08	cps
Lead	207-1	14753441	14817974	14884563	14818659	0.44	cps
Lead	208-1	66431625	66385446	66917206	66578092	0.44	cps
Lithium	6-1	1836374	1830913	1823405	1830231	0.36	cps
Magnesium	24-2	56946480	53676118	53915943	54846180	3.32	cps
Manganese	55-2	8364594	7996238	8046017	8135617	2.46	cps
Molybdenum	94-1	6669003	6711943	6758738	6713228	0.67	cps
Molybdenum	95-1	8319076	8365822	8428477	8371125	0.66	cps
Molybdenum	96-1	9250729	9331739	9372034	9318167	0.66	cps
Molybdenum	97-1	5059646	5075161	5137010	5090606	0.80	cps
Molybdenum	98-1	13346313	13457957	13536697	13446989	0.71	cps
Neodymium	150-1	280	293	313	296	5.68	cps
Neodymium	150-2	47	57	57	53	10.82	cps
Nickel	60-2	512420	491149	494347	499305	2.30	cps
Phosphorus	31-2	51372	47961	49374	49569	3.46	cps
Potassium	39-2	25085141	23467523	23940922	24164529	3.44	cps
Rhodium	103-1	7238478	7142720	7166869	7182689	0.69	cps
Rhodium	103-2	4125595	4173385	4283285	4194088	1.93	cps
Scandium	45-1	4342655	4336449	4263212	4314105	1.02	cps
Scandium	45-2	303643	302821	314325	306930	2.09	cps
Selenium	82-1	50339	50264	50892	50498	0.68	cps
Selenium	77-2	3627	3467	3514	3536	2.33	cps
Selenium	78-2	12161	11675	12137	11991	2.28	cps
Silicon	28-1	2392703	2546832	2642416	2527317	4.99	cps
Silver	107-1	3945197	4011678	4024287	3993721	1.06	cps
Silver	109-1	3800403	3850962	3901987	3851118	1.32	cps
Sodium	23-2	98452873	94047506	93283798	95261392	2.93	cps
Strontium	86-1	9904669	9848647	9971793	9908370	0.62	cps
Strontium	88-1	86692406	86723700	86336435	86584180	0.25	cps
Sulfur	34-1	735222	738901	742564	738896	0.50	cps
Terbium	159-1	11862820	11702201	11619545	11728189	1.05	cps
Terbium	159-2	7218935	7160186	7380363	7253161	1.57	cps
Thallium	203-1	3754711	3809584	3836039	3800111	1.09	cps
Thallium	205-1	9495403	9527004	9612189	9544865	0.63	cps

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	CCV14	Instrumnet Name :	P7
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 17:45:09	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	14671426	14878089	14894096	14814537	0.84	cps
Tin	118-1	2698738	2747024	2773013	2739591	1.38	cps
Titanium	47-1	1982544	1986364	1982411	1983773	0.11	cps
Uranium	238-1	13723553	13992703	13869113	13861790	0.97	cps
Vanadium	51-2	1033917	992028	993239	1006395	2.37	cps
Yttrium	89-1	11704542	11473119	11420806	11532823	1.31	cps
Yttrium	89-2	2349387	2350624	2416683	2372231	1.62	cps
Zinc	66-2	2279464	2183805	2197230	2220166	2.33	cps
Zirconium	90-1	5067806	5151671	5180342	5133273	1.14	cps
Zirconium	91-1	1151031	1165226	1168097	1161452	0.79	cps

LB Number : LB114690 Operator : JASWAL
 Lab Sample ID : CCB14 Instrumnet Name : P7
 Client Sample ID : CCB14 Dilution Factor : 1
 Date & Time Acquired :: 2021-05-27 17:59:03 DataFile Name : 029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	200	308	300	269	22.37	cps
Antimony	121-1	550	367	392	436	22.80	cps
Arsenic	75-2	17	13	22	17	26.96	cps
Barium	135-1	133	67	192	131	47.91	cps
Barium	137-1	233	317	267	272	15.41	cps
Beryllium	9-1	89	89	83	87	3.68	cps
Bismuth	209-1	8594960	8566818	8443594	8535124	0.94	cps
Bismuth	209-2	5714745	5750087	5807262	5757365	0.81	cps
Boron	10-1	1667	1617	1558	1614	3.36	cps
Boron	11-1	8036	8194	7302	7844	6.07	cps
Bromine	81-1	5926	5985	5435	5782	5.23	cps
Bromine	81-2	50	110	70	77	39.85	cps
Cadmium	111-1	3115	2978	2966	3020	2.75	cps
Cadmium	106-1	4376	4184	4234	4265	2.33	cps
Cadmium	108-1	21	25	63	36	63.55	cps
Calcium	43-1	300	367	367	344	11.17	cps
Calcium	44-1	12063	11221	11872	11719	3.77	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1080	1167	1153	1133	4.12	cps
Cobalt	59-2	257	337	273	289	14.61	cps
Copper	63-2	1403	1433	1580	1472	6.42	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	0	7	7	4	86.60	cps
Erbium	164-1	108	125	42	92	48.10	cps
Erbium	164-2	70	50	30	50	40.00	cps
Gadolinium	160-1	67	33	50	50	33.34	cps
Gadolinium	160-2	90	63	80	78	17.32	cps
Holmium	165-1	12079956	12039542	11762348	11960615	1.45	cps
Holmium	165-2	7580803	7505351	7652025	7579393	0.97	cps
Indium	115-1	8774726	8560087	8516374	8617063	1.60	cps
Indium	115-2	2365307	2402591	2404213	2390704	0.92	cps
Iron	56-2	13479	14135	13112	13575	3.82	cps
Iron	57-2	328	417	439	394	14.91	cps

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	CCB14	Instrumnet Name :	P7
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 17:59:03	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1191	1271	1261	1241	3.52	cps
Krypton	83-1	1720	1680	1883	1761	6.12	cps
Lead	206-1	2245	1950	2178	2124	7.27	cps
Lead	207-1	1950	1895	1839	1895	2.93	cps
Lead	208-1	8779	8796	8490	8688	1.98	cps
Lithium	6-1	1930740	1926687	1881510	1912979	1.43	cps
Magnesium	24-2	2067	2292	2250	2203	5.43	cps
Manganese	55-2	433	423	363	407	9.31	cps
Molybdenum	94-1	508	625	575	569	10.28	cps
Molybdenum	95-1	500	400	267	389	30.10	cps
Molybdenum	96-1	558	583	500	547	7.81	cps
Molybdenum	97-1	283	325	242	283	14.70	cps
Molybdenum	98-1	633	683	542	619	11.60	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	80	103	127	103	22.58	cps
Phosphorus	31-2	358	408	358	375	7.70	cps
Potassium	39-2	42603	41976	44174	42918	2.64	cps
Rhodium	103-1	8044201	7849735	7873987	7922641	1.34	cps
Rhodium	103-2	4566232	4619048	4612305	4599195	0.63	cps
Scandium	45-1	4518837	4483637	4443515	4481996	0.84	cps
Scandium	45-2	315319	318597	319479	317798	0.69	cps
Selenium	82-1	7	239	-175	24	875.79	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	113	98	111	107	7.51	cps
Silicon	28-1	262865	260161	259915	260981	0.63	cps
Silver	107-1	108	275	2644	1009	140.55	cps
Silver	109-1	108	133	225	156	39.49	cps
Sodium	23-2	18086	18253	17894	18078	0.99	cps
Strontium	86-1	3534	3059	3217	3270	7.40	cps
Strontium	88-1	2609	2784	2742	2711	3.37	cps
Sulfur	34-1	467102	475882	480856	474613	1.47	cps
Terbium	159-1	12097195	11919471	11765687	11927451	1.39	cps
Terbium	159-2	7367627	7480192	7458123	7435314	0.80	cps
Thallium	203-1	3559	3467	3467	3498	1.51	cps
Thallium	205-1	8653	8219	8670	8514	3.00	cps

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	CCB14	Instrumnet Name :	P7
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 17:59:03	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	717	739	772	743	3.77	cps
Tin	118-1	992	1042	967	1000	3.82	cps
Titanium	47-1	133	117	142	131	9.75	cps
Uranium	238-1	300	317	425	347	19.55	cps
Vanadium	51-2	23	80	40	48	60.96	cps
Yttrium	89-1	12128688	12210948	11955169	12098268	1.08	cps
Yttrium	89-2	2423156	2459196	2461993	2448115	0.88	cps
Zinc	66-2	430	376	440	415	8.23	cps
Zirconium	90-1	1108	992	900	1000	10.44	cps
Zirconium	91-1	200	158	183	181	11.62	cps

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	M2214-11DLREX5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDLRE	Dilution Factor :	5
Date & Time Acquired ::	2021-05-27 18:03:11	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2098859	2116652	2069454	2094988	1.14	cps
Antimony	121-1	1067278	1076924	1080531	1074911	0.64	cps
Arsenic	75-2	173362	174066	172931	173453	0.33	cps
Barium	135-1	1888464	1909945	1910470	1902960	0.66	cps
Barium	137-1	3249910	3313661	3278166	3280579	0.97	cps
Beryllium	9-1	141428	138228	139114	139590	1.18	cps
Bismuth	209-1	8497327	8519218	8478242	8498262	0.24	cps
Bismuth	209-2	5783233	5844036	5719680	5782317	1.08	cps
Boron	10-1	103125	107539	112347	107670	4.28	cps
Boron	11-1	498141	535271	545436	526282	4.73	cps
Bromine	81-1	7177	7669	8469	7772	8.39	cps
Bromine	81-2	430	370	330	377	13.36	cps
Cadmium	111-1	806236	825588	830554	820793	1.57	cps
Cadmium	106-1	76933	78584	78734	78084	1.28	cps
Cadmium	108-1	54265	55031	54546	54614	0.71	cps
Calcium	43-1	505987	517255	518172	513805	1.32	cps
Calcium	44-1	7696976	7909351	7975787	7860705	1.85	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	820748	821959	812857	818522	0.60	cps
Cobalt	59-2	2578296	2600543	2569878	2582906	0.61	cps
Copper	63-2	1869680	1873515	1871181	1871459	0.10	cps
Dysprosium	156-1	43001	43971	43895	43622	1.24	cps
Dysprosium	156-2	24388	25143	24332	24621	1.84	cps
Erbium	164-1	29983	30184	28664	29610	2.79	cps
Erbium	164-2	18192	18640	18389	18407	1.22	cps
Gadolinium	160-1	36023	36090	36892	36335	1.33	cps
Gadolinium	160-2	25474	25480	25063	25339	0.94	cps
Holmium	165-1	12341519	12379379	12179980	12300293	0.86	cps
Holmium	165-2	7761064	7922002	7748409	7810492	1.24	cps
Indium	115-1	8688533	8773830	8789213	8750525	0.62	cps
Indium	115-2	2423255	2433956	2419104	2425438	0.32	cps
Iron	56-2	72251346	72952852	71852757	72352318	0.77	cps
Iron	57-2	1807451	1819873	1810750	1812691	0.35	cps

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	M2214-11DLREX5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDLRE	Dilution Factor :	5
Date & Time Acquired ::	2021-05-27 18:03:11	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	4009603	4003426	3987903	4000310	0.28	cps
Krypton	83-1	1847	1800	2037	1895	6.62	cps
Lead	206-1	1014133	1016364	1028741	1019746	0.77	cps
Lead	207-1	869536	884475	893976	882662	1.40	cps
Lead	208-1	4009328	4057282	4087606	4051405	0.97	cps
Lithium	6-1	2328930	2349567	2361381	2346626	0.70	cps
Magnesium	24-2	9010890	9038277	8993755	9014307	0.25	cps
Manganese	55-2	4840990	4874781	4844303	4853358	0.38	cps
Molybdenum	94-1	156944	158865	162699	159503	1.84	cps
Molybdenum	95-1	216204	222205	220883	219764	1.43	cps
Molybdenum	96-1	237054	241103	246970	241709	2.06	cps
Molybdenum	97-1	139274	138447	140418	139380	0.71	cps
Molybdenum	98-1	353572	360647	359239	357819	1.05	cps
Neodymium	150-1	75807	74956	76403	75722	0.96	cps
Neodymium	150-2	39767	40900	40339	40336	1.40	cps
Nickel	60-2	205531	208625	203838	205998	1.18	cps
Phosphorus	31-2	8044	8286	8169	8166	1.48	cps
Potassium	39-2	8042136	8070887	7929907	8014310	0.93	cps
Rhodium	103-1	7926415	7918147	7836024	7893529	0.63	cps
Rhodium	103-2	4617268	4650042	4630076	4632462	0.36	cps
Scandium	45-1	4666084	4636424	4622990	4641833	0.48	cps
Scandium	45-2	329493	329657	321706	326952	1.39	cps
Selenium	82-1	51548	53164	53106	52606	1.74	cps
Selenium	77-2	3731	3861	3821	3804	1.75	cps
Selenium	78-2	12748	12724	12683	12719	0.26	cps
Silicon	28-1	9820531	10552292	9989317	10120714	3.79	cps
Silver	107-1	757485	773964	774311	768586	1.25	cps
Silver	109-1	740751	753429	750393	748191	0.88	cps
Sodium	23-2	1836424	1840990	1811830	1829748	0.86	cps
Strontium	86-1	580091	580812	583063	581322	0.27	cps
Strontium	88-1	4924029	5027973	5062195	5004732	1.44	cps
Sulfur	34-1	449956	440620	440432	443670	1.23	cps
Terbium	159-1	12416028	12205594	12185109	12268910	1.04	cps
Terbium	159-2	7666296	7730324	7520232	7638951	1.41	cps
Thallium	203-1	1669853	1706921	1714860	1697211	1.42	cps
Thallium	205-1	3997821	4071469	4108586	4059292	1.39	cps

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	M2214-11DLREX5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDLRE	Dilution Factor :	5
Date & Time Acquired ::	2021-05-27 18:03:11	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	366638	373934	376954	372509	1.42	cps
Tin	118-1	937427	950419	954336	947394	0.93	cps
Titanium	47-1	1155895	1176815	1172025	1168245	0.94	cps
Uranium	238-1	2057773	2115381	2117116	2096757	1.61	cps
Vanadium	51-2	249063	248812	245309	247728	0.85	cps
Yttrium	89-1	12478659	12598397	12521810	12532956	0.48	cps
Yttrium	89-2	2570449	2569320	2554532	2564767	0.35	cps
Zinc	66-2	601916	606082	603905	603968	0.34	cps
Zirconium	90-1	90786	90895	92028	91236	0.75	cps
Zirconium	91-1	21341	20565	21216	21041	1.98	cps

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	M2214-11DL2RE2X10	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL2RE2	Dilution Factor :	10
Date & Time Acquired ::	2021-05-27 18:06:38	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1067296	1058992	1054600	1060296	0.61	cps
Antimony	121-1	536725	544383	545859	542323	0.90	cps
Arsenic	75-2	87248	87140	86661	87017	0.36	cps
Barium	135-1	955090	974750	972462	967434	1.11	cps
Barium	137-1	1647784	1669557	1671342	1662894	0.79	cps
Beryllium	9-1	68945	70881	70484	70103	1.46	cps
Bismuth	209-1	8521519	8498248	8600575	8540114	0.63	cps
Bismuth	209-2	5744236	5773595	5826260	5781364	0.72	cps
Boron	10-1	55761	57877	59040	57560	2.89	cps
Boron	11-1	268021	285625	285057	279568	3.58	cps
Bromine	81-1	6585	6668	6760	6671	1.31	cps
Bromine	81-2	190	210	290	230	23.01	cps
Cadmium	111-1	412552	422126	421840	418839	1.30	cps
Cadmium	106-1	41235	41754	42865	41951	1.99	cps
Cadmium	108-1	27301	27443	26988	27244	0.85	cps
Calcium	43-1	257010	261152	262066	260076	1.04	cps
Calcium	44-1	4107950	4189794	4176608	4158117	1.06	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	416278	411637	411062	412992	0.69	cps
Cobalt	59-2	1314258	1303471	1307998	1308576	0.41	cps
Copper	63-2	952720	948651	951367	950913	0.22	cps
Dysprosium	156-1	21985	21868	22769	22207	2.21	cps
Dysprosium	156-2	12372	12065	12562	12333	2.03	cps
Erbium	164-1	14550	15443	14875	14956	3.02	cps
Erbium	164-2	9620	9247	9220	9362	2.39	cps
Gadolinium	160-1	18254	17971	19230	18485	3.58	cps
Gadolinium	160-2	12512	12906	12472	12630	1.90	cps
Holmium	165-1	11970496	12054221	12321675	12115464	1.51	cps
Holmium	165-2	7673006	7691151	7700262	7688140	0.18	cps
Indium	115-1	8717834	8686142	8671111	8691696	0.27	cps
Indium	115-2	2400436	2407078	2411540	2406351	0.23	cps
Iron	56-2	36916761	36603452	36335245	36618486	0.79	cps
Iron	57-2	924591	918612	914874	919359	0.53	cps

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	M2214-11DL2RE2X10	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL2RE2	Dilution Factor :	10
Date & Time Acquired ::	2021-05-27 18:06:38	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	2022383	2010927	2022156	2018489	0.32	cps
Krypton	83-1	1757	1807	1830	1798	2.08	cps
Lead	206-1	510108	516191	524847	517049	1.43	cps
Lead	207-1	441973	449662	458339	449991	1.82	cps
Lead	208-1	2037755	2065941	2090442	2064713	1.28	cps
Lithium	6-1	2108505	2116586	2129666	2118253	0.50	cps
Magnesium	24-2	4615830	4516946	4536082	4556286	1.15	cps
Manganese	55-2	2455654	2435531	2444147	2445111	0.41	cps
Molybdenum	94-1	79655	82210	82237	81367	1.82	cps
Molybdenum	95-1	111011	112615	114288	112638	1.45	cps
Molybdenum	96-1	119849	125202	123876	122976	2.27	cps
Molybdenum	97-1	68330	70549	70265	69715	1.73	cps
Molybdenum	98-1	177433	183939	181296	180889	1.81	cps
Neodymium	150-1	38447	39055	38567	38690	0.83	cps
Neodymium	150-2	19688	20636	20435	20253	2.47	cps
Nickel	60-2	104203	104287	104737	104409	0.27	cps
Phosphorus	31-2	4117	4251	4059	4142	2.37	cps
Potassium	39-2	4239939	4192332	4191384	4207885	0.66	cps
Rhodium	103-1	7872158	7926273	7926263	7908231	0.40	cps
Rhodium	103-2	4618283	4635922	4652091	4635432	0.36	cps
Scandium	45-1	4533007	4538802	4548035	4539948	0.17	cps
Scandium	45-2	323584	319699	321518	321601	0.60	cps
Selenium	82-1	26467	26140	26826	26478	1.30	cps
Selenium	77-2	1997	1920	2000	1972	2.29	cps
Selenium	78-2	6401	6446	6390	6413	0.46	cps
Silicon	28-1	5141239	5489316	5247287	5292614	3.37	cps
Silver	107-1	388621	391549	385472	388547	0.78	cps
Silver	109-1	371315	376533	382399	376749	1.47	cps
Sodium	23-2	928456	923877	918120	923484	0.56	cps
Strontium	86-1	295601	293809	302263	297225	1.50	cps
Strontium	88-1	2546500	2571840	2540540	2552960	0.65	cps
Sulfur	34-1	430038	426788	425043	427290	0.59	cps
Terbium	159-1	12211246	12226437	12328321	12255335	0.52	cps
Terbium	159-2	7622781	7554367	7618605	7598584	0.50	cps
Thallium	203-1	845993	858517	862333	855615	1.00	cps
Thallium	205-1	2032263	2068853	2079512	2060209	1.20	cps

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	M2214-11DL2RE2X10	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL2RE2	Dilution Factor :	10
Date & Time Acquired ::	2021-05-27 18:06:38	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	185273	188408	187150	186943	0.84	cps
Tin	118-1	477343	481802	487825	482323	1.09	cps
Titanium	47-1	585885	586316	590483	587562	0.43	cps
Uranium	238-1	1055773	1060971	1051308	1056017	0.46	cps
Vanadium	51-2	124922	123982	124374	124426	0.38	cps
Yttrium	89-1	12263081	12218919	12322959	12268320	0.43	cps
Yttrium	89-2	2512627	2521965	2521874	2518822	0.21	cps
Zinc	66-2	305621	302137	306359	304706	0.74	cps
Zirconium	90-1	46242	47203	46150	46532	1.25	cps
Zirconium	91-1	10396	9912	10162	10157	2.38	cps

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	M2214-11RE	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILRE	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 18:09:42	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9394242	9481069	9346054	9407122	0.73	cps
Antimony	121-1	5175490	5251154	5279333	5235326	1.03	cps
Arsenic	75-2	802792	810012	799730	804178	0.66	cps
Barium	135-1	9499453	9638541	9732191	9623395	1.22	cps
Barium	137-1	16410275	16657748	16850348	16639457	1.33	cps
Beryllium	9-1	623131	619982	619524	620879	0.32	cps
Bismuth	209-1	8736483	8697731	8354290	8596168	2.45	cps
Bismuth	209-2	5497571	5505850	5476857	5493426	0.27	cps
Boron	10-1	474002	501600	509351	494984	3.75	cps
Boron	11-1	2346815	2466275	2504370	2439153	3.37	cps
Bromine	81-1	14458	14691	15642	14930	4.20	cps
Bromine	81-2	1722	1472	1742	1645	9.16	cps
Cadmium	111-1	3876241	3929206	3933900	3913116	0.82	cps
Cadmium	106-1	355025	357776	359194	357332	0.59	cps
Cadmium	108-1	259119	262076	263597	261597	0.87	cps
Calcium	43-1	2458105	2499596	2483208	2480303	0.84	cps
Calcium	44-1	37784514	38581184	37810509	38058736	1.19	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3798806	3799791	3748032	3782210	0.78	cps
Cobalt	59-2	12375159	12458623	12239940	12357907	0.89	cps
Copper	63-2	9038578	9004379	8936649	8993202	0.58	cps
Dysprosium	156-1	214425	216922	218939	216762	1.04	cps
Dysprosium	156-2	117254	118314	117726	117765	0.45	cps
Erbium	164-1	147725	147345	149755	148275	0.87	cps
Erbium	164-2	90853	91362	90480	90898	0.49	cps
Gadolinium	160-1	178440	183632	184519	182197	1.80	cps
Gadolinium	160-2	122881	122433	123042	122785	0.26	cps
Holmium	165-1	12508359	12428542	12354882	12430594	0.62	cps
Holmium	165-2	7595458	7645288	7586918	7609222	0.41	cps
Indium	115-1	9182457	9197649	9165526	9181877	0.18	cps
Indium	115-2	2376156	2369739	2343796	2363230	0.73	cps
Iron	56-2	343088152	338942074	337345763	339791996	0.87	cps
Iron	57-2	8377398	8547544	8329181	8418041	1.36	cps

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	M2214-11RE	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILRE	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 18:09:42	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	18515150	18485698	18211757	18404201	0.91	cps
Krypton	83-1	2024	2140	2040	2068	3.05	cps
Lead	206-1	4869412	4961355	5014351	4948373	1.48	cps
Lead	207-1	4273290	4354375	4379814	4335826	1.28	cps
Lead	208-1	20171546	20468677	20639621	20426615	1.16	cps
Lithium	6-1	3807932	3961483	4000900	3923438	2.60	cps
Magnesium	24-2	41475947	41377803	40524486	41126079	1.27	cps
Manganese	55-2	22974491	23014995	22560791	22850093	1.10	cps
Molybdenum	94-1	775200	787514	787259	783324	0.90	cps
Molybdenum	95-1	1067423	1083496	1089728	1080215	1.07	cps
Molybdenum	96-1	1186107	1190658	1192965	1189910	0.29	cps
Molybdenum	97-1	677354	690618	682122	683365	0.98	cps
Molybdenum	98-1	1726578	1751833	1757741	1745384	0.95	cps
Neodymium	150-1	373874	382621	382214	379570	1.30	cps
Neodymium	150-2	189512	192868	192563	191647	0.97	cps
Nickel	60-2	945502	952298	936174	944658	0.86	cps
Phosphorus	31-2	32928	34039	33505	33491	1.66	cps
Potassium	39-2	36266459	36776134	35427863	36156819	1.88	cps
Rhodium	103-1	7575907	7472712	7385781	7478134	1.27	cps
Rhodium	103-2	4293597	4295942	4251858	4280466	0.58	cps
Scandium	45-1	4853576	4829451	4593735	4758921	3.02	cps
Scandium	45-2	313492	315004	310227	312908	0.78	cps
Selenium	82-1	250869	253358	254836	253021	0.79	cps
Selenium	77-2	18158	17724	17144	17675	2.88	cps
Selenium	78-2	58614	57798	58279	58230	0.70	cps
Silicon	28-1	45839535	46515442	46508194	46287724	0.84	cps
Silver	107-1	3605272	3631100	3656947	3631106	0.71	cps
Silver	109-1	3498061	3527126	3531684	3518957	0.52	cps
Sodium	23-2	8476423	8442873	8339157	8419484	0.85	cps
Strontium	86-1	2811130	2861722	2840434	2837762	0.90	cps
Strontium	88-1	25212461	25593382	25648132	25484658	0.93	cps
Sulfur	34-1	435305	429318	422393	429005	1.51	cps
Terbium	159-1	12550697	12489221	12252105	12430674	1.27	cps
Terbium	159-2	7364701	7421247	7463502	7416483	0.67	cps
Thallium	203-1	8557972	8662586	8707955	8642838	0.89	cps
Thallium	205-1	20545065	21103640	21120810	20923172	1.57	cps

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	M2214-11RE	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILRE	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 18:09:42	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	1845305	1894231	1902324	1880620	1.64	cps
Tin	118-1	4559626	4609210	4636240	4601692	0.84	cps
Titanium	47-1	5713249	5594004	5583420	5630225	1.28	cps
Uranium	238-1	11099801	11355649	11325156	11260202	1.24	cps
Vanadium	51-2	1158025	1165995	1141285	1155101	1.09	cps
Yttrium	89-1	13883777	13607882	13476391	13656017	1.52	cps
Yttrium	89-2	2648311	2645061	2608159	2633844	0.85	cps
Zinc	66-2	2729402	2753817	2708468	2730562	0.83	cps
Zirconium	90-1	447083	445780	448500	447121	0.30	cps
Zirconium	91-1	101029	101744	102599	101791	0.77	cps

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	M2214-11DL2RE3X10	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL2RE3	Dilution Factor :	10
Date & Time Acquired ::	2021-05-27 18:12:36	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	988935	988032	985667	987545	0.17	cps
Antimony	121-1	527922	529473	538660	532018	1.09	cps
Arsenic	75-2	81756	82542	82767	82355	0.64	cps
Barium	135-1	929041	940416	951884	940447	1.21	cps
Barium	137-1	1609070	1625196	1624332	1619532	0.56	cps
Beryllium	9-1	65943	65307	66495	65915	0.90	cps
Bismuth	209-1	8569254	8532328	8534772	8545451	0.24	cps
Bismuth	209-2	5648374	5684552	5705823	5679583	0.51	cps
Boron	10-1	65609	68011	70397	68005	3.52	cps
Boron	11-1	322386	326905	334028	327773	1.79	cps
Bromine	81-1	6985	6360	6685	6677	4.68	cps
Bromine	81-2	320	230	200	250	24.98	cps
Cadmium	111-1	404284	404537	409424	406082	0.71	cps
Cadmium	106-1	39180	40801	39765	39915	2.06	cps
Cadmium	108-1	27164	26262	26592	26672	1.71	cps
Calcium	43-1	244093	245099	247480	245558	0.71	cps
Calcium	44-1	3872499	3898445	3951169	3907371	1.03	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	388797	392976	392034	391269	0.56	cps
Cobalt	59-2	1240308	1243597	1255015	1246306	0.62	cps
Copper	63-2	909224	908044	913532	910267	0.32	cps
Dysprosium	156-1	21643	21493	22160	21765	1.61	cps
Dysprosium	156-2	12289	11932	12209	12143	1.54	cps
Erbium	164-1	14683	14483	14116	14427	1.99	cps
Erbium	164-2	8853	9020	9176	9016	1.79	cps
Gadolinium	160-1	18246	18571	18271	18363	0.99	cps
Gadolinium	160-2	12185	12319	12549	12351	1.49	cps
Holmium	165-1	12069052	11905472	12156894	12043806	1.06	cps
Holmium	165-2	7716335	7649804	7603207	7656449	0.74	cps
Indium	115-1	8608296	8524472	8503290	8545353	0.65	cps
Indium	115-2	2315428	2308940	2318579	2314315	0.21	cps
Iron	56-2	34490829	34532370	34881954	34635051	0.62	cps
Iron	57-2	860361	867561	872208	866710	0.69	cps

LB Number : LB114690 Operator : JASWAL
 Lab Sample ID : M2214-11DL2RE3X10 Instrumnet Name : P7
 Client Sample ID : PT-MET-SOILDL2RE3 Dilution Factor : 10
 Date & Time Acquired :: 2021-05-27 18:12:36 DataFile Name : 033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1909167	1923837	1918289	1917098	0.39	cps
Krypton	83-1	1840	1770	1913	1841	3.89	cps
Lead	206-1	509692	516160	520151	515334	1.02	cps
Lead	207-1	447689	447322	454115	449708	0.85	cps
Lead	208-1	2037753	2045670	2079844	2054422	1.09	cps
Lithium	6-1	2059331	2066715	2030229	2052092	0.94	cps
Magnesium	24-2	4185319	4186325	4202279	4191307	0.23	cps
Manganese	55-2	2315482	2319926	2332384	2322597	0.38	cps
Molybdenum	94-1	77492	76847	77920	77420	0.70	cps
Molybdenum	95-1	104169	107099	107670	106313	1.77	cps
Molybdenum	96-1	115236	118639	119841	117906	2.03	cps
Molybdenum	97-1	67769	68866	68196	68277	0.81	cps
Molybdenum	98-1	172522	175052	177709	175095	1.48	cps
Neodymium	150-1	37451	37979	37651	37694	0.71	cps
Neodymium	150-2	19157	19173	19601	19310	1.30	cps
Nickel	60-2	99175	99924	100242	99780	0.55	cps
Phosphorus	31-2	3434	3734	4034	3734	8.04	cps
Potassium	39-2	3942139	3958678	3944253	3948357	0.23	cps
Rhodium	103-1	7587173	7588846	7740084	7638701	1.15	cps
Rhodium	103-2	4486071	4443091	4480520	4469894	0.52	cps
Scandium	45-1	4357336	4273384	4298583	4309768	1.00	cps
Scandium	45-2	302103	304828	305085	304005	0.54	cps
Selenium	82-1	25584	25257	26136	25659	1.73	cps
Selenium	77-2	1743	1807	1717	1756	2.63	cps
Selenium	78-2	6207	6025	6075	6103	1.54	cps
Silicon	28-1	4856518	4829219	4990849	4892195	1.77	cps
Silver	107-1	372912	382374	380055	378447	1.30	cps
Silver	109-1	364128	363642	369119	365630	0.83	cps
Sodium	23-2	860627	862528	878113	867089	1.11	cps
Strontium	86-1	285674	282513	289089	285759	1.15	cps
Strontium	88-1	2442651	2462604	2486574	2463943	0.89	cps
Sulfur	34-1	375996	378629	380856	378494	0.64	cps
Terbium	159-1	12090754	12078342	12215283	12128127	0.62	cps
Terbium	159-2	7413053	7476596	7424842	7438164	0.45	cps
Thallium	203-1	853126	848627	861512	854422	0.77	cps
Thallium	205-1	2033438	2056198	2082493	2057377	1.19	cps

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	M2214-11DL2RE3X10	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL2RE3	Dilution Factor :	10
Date & Time Acquired ::	2021-05-27 18:12:36	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	187781	188439	188140	188120	0.18	cps
Tin	118-1	467862	472794	481015	473890	1.40	cps
Titanium	47-1	552977	551452	557460	553963	0.56	cps
Uranium	238-1	1051196	1073958	1074791	1066648	1.26	cps
Vanadium	51-2	117637	116683	119727	118016	1.32	cps
Yttrium	89-1	11978791	11779271	12014362	11924141	1.06	cps
Yttrium	89-2	2388119	2390523	2413163	2397269	0.58	cps
Zinc	66-2	292454	288718	293161	291444	0.82	cps
Zirconium	90-1	43600	43174	44160	43645	1.13	cps
Zirconium	91-1	9320	9645	9937	9634	3.20	cps

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	CCV15	Instrumnet Name :	P7
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 18:24:05	DataFile Name :	034CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5071212	5120304	5098780	5096766	0.48	cps
Antimony	121-1	3411689	3451431	3461245	3441455	0.76	cps
Arsenic	75-2	140595	141422	141499	141172	0.35	cps
Barium	135-1	3866422	3896976	3967224	3910207	1.32	cps
Barium	137-1	6892789	6955756	7031868	6960137	1.00	cps
Beryllium	9-1	515979	527916	528819	524238	1.37	cps
Bismuth	209-1	7825550	7808092	7819740	7817794	0.11	cps
Bismuth	209-2	5237208	5264991	5300880	5267693	0.61	cps
Boron	10-1	65835	71042	71016	69297	4.33	cps
Boron	11-1	319485	338990	346408	334961	4.15	cps
Bromine	81-1	5793	5451	5251	5498	4.98	cps
Bromine	81-2	90	20	80	63	59.78	cps
Cadmium	111-1	852881	861935	872149	862322	1.12	cps
Cadmium	106-1	96452	95956	98473	96960	1.37	cps
Cadmium	108-1	65479	65475	66563	65839	0.95	cps
Calcium	43-1	4195786	4270123	4295670	4253860	1.22	cps
Calcium	44-1	64575579	65711643	66323462	65536895	1.35	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1234360	1235155	1240447	1236654	0.27	cps
Cobalt	59-2	1974446	1971695	1978720	1974953	0.18	cps
Copper	63-2	13976504	13952355	13947581	13958813	0.11	cps
Dysprosium	156-1	1042	1192	1283	1172	10.41	cps
Dysprosium	156-2	733	663	730	709	5.57	cps
Erbium	164-1	200	275	225	233	16.37	cps
Erbium	164-2	133	140	137	137	2.44	cps
Gadolinium	160-1	1300	1092	1067	1153	11.11	cps
Gadolinium	160-2	997	847	943	929	8.19	cps
Holmium	165-1	11631136	11582392	11586434	11599988	0.23	cps
Holmium	165-2	7456308	7535141	7497174	7496208	0.53	cps
Indium	115-1	7972702	7943483	8008719	7974968	0.41	cps
Indium	115-2	2211150	2221456	2226651	2219752	0.36	cps
Iron	56-2	275681356	277262090	279002384	277315277	0.60	cps
Iron	57-2	6798858	6887224	6924156	6870079	0.94	cps

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	CCV15	Instrumnet Name :	P7
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 18:24:05	DataFile Name :	034CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	14996865	14803862	15080331	14960353	0.95	cps
Krypton	83-1	1630	1673	1730	1678	2.99	cps
Lead	206-1	16187055	16362291	16349631	16299659	0.60	cps
Lead	207-1	14942502	14900908	14934891	14926100	0.15	cps
Lead	208-1	65858935	66397632	66554692	66270420	0.55	cps
Lithium	6-1	1763488	1772435	1765013	1766978	0.27	cps
Magnesium	24-2	55373601	55573926	55162564	55370030	0.37	cps
Manganese	55-2	8340988	8314058	8378396	8344481	0.39	cps
Molybdenum	94-1	6613139	6599305	6679762	6630736	0.65	cps
Molybdenum	95-1	8293741	8294318	8265873	8284644	0.20	cps
Molybdenum	96-1	9127612	9186576	9232787	9182325	0.57	cps
Molybdenum	97-1	4986239	5046880	5097695	5043605	1.11	cps
Molybdenum	98-1	13259173	13254755	13382956	13298961	0.55	cps
Neodymium	150-1	247	280	333	287	15.25	cps
Neodymium	150-2	47	57	33	46	25.70	cps
Nickel	60-2	511685	515417	516834	514645	0.52	cps
Phosphorus	31-2	50795	49340	51690	50608	2.34	cps
Potassium	39-2	24719439	24819610	24967889	24835646	0.50	cps
Rhodium	103-1	7171381	7039857	7182148	7131129	1.11	cps
Rhodium	103-2	4177029	4171776	4205370	4184725	0.43	cps
Scandium	45-1	4276764	4253371	4258985	4263040	0.29	cps
Scandium	45-2	299125	302987	304430	302181	0.91	cps
Selenium	82-1	49754	49883	50116	49918	0.37	cps
Selenium	77-2	3697	3547	3497	3580	2.91	cps
Selenium	78-2	12302	12346	12433	12360	0.54	cps
Silicon	28-1	2292732	2460249	2569336	2440772	5.71	cps
Silver	107-1	3891223	3952728	4006168	3950040	1.46	cps
Silver	109-1	3781484	3837607	3900953	3840015	1.56	cps
Sodium	23-2	96180758	96368660	96324588	96291335	0.10	cps
Strontium	86-1	9697151	9934027	9957933	9863037	1.46	cps
Strontium	88-1	85220016	85500952	87200014	85973661	1.25	cps
Sulfur	34-1	696658	703898	706256	702271	0.71	cps
Terbium	159-1	11697507	11706482	11562764	11655584	0.69	cps
Terbium	159-2	7187984	7268787	7321145	7259305	0.92	cps
Thallium	203-1	3763528	3797525	3800826	3787293	0.55	cps
Thallium	205-1	9359189	9519311	9476980	9451827	0.88	cps

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	CCV15	Instrumnet Name :	P7
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 18:24:05	DataFile Name :	034CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	14397865	14552950	14614589	14521801	0.77	cps
Tin	118-1	2697327	2711727	2738950	2716001	0.78	cps
Titanium	47-1	1943536	1978054	1973884	1965158	0.96	cps
Uranium	238-1	13677450	13623389	13703326	13668055	0.30	cps
Vanadium	51-2	1027422	1030934	1040907	1033088	0.68	cps
Yttrium	89-1	11643606	11649066	11614963	11635878	0.16	cps
Yttrium	89-2	2347924	2366176	2371926	2362009	0.53	cps
Zinc	66-2	2261847	2248848	2267506	2259400	0.42	cps
Zirconium	90-1	5070391	5115380	5154865	5113545	0.83	cps
Zirconium	91-1	1150147	1160262	1165666	1158692	0.68	cps

LB Number : LB114690 Operator : JASWAL
 Lab Sample ID : CCB15 Instrumnet Name : P7
 Client Sample ID : CCB15 Dilution Factor : 1
 Date & Time Acquired :: 2021-05-27 18:37:47 DataFile Name : 035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	167	192	133	164	17.86	cps
Antimony	121-1	367	467	442	425	12.25	cps
Arsenic	75-2	7	26	20	18	53.08	cps
Barium	135-1	158	75	42	92	65.56	cps
Barium	137-1	175	100	100	125	34.64	cps
Beryllium	9-1	111	94	50	85	37.08	cps
Bismuth	209-1	8505283	8313203	8409840	8409442	1.14	cps
Bismuth	209-2	5695642	5724030	5727861	5715844	0.31	cps
Boron	10-1	1733	1942	1808	1828	5.77	cps
Boron	11-1	9587	8836	8986	9136	4.35	cps
Bromine	81-1	5368	5435	5610	5471	2.28	cps
Bromine	81-2	60	50	100	70	37.80	cps
Cadmium	111-1	2867	2890	3024	2927	2.90	cps
Cadmium	106-1	4042	4084	4284	4137	3.12	cps
Cadmium	108-1	13	8	29	17	66.16	cps
Calcium	43-1	292	300	325	306	5.68	cps
Calcium	44-1	10671	10012	10321	10334	3.19	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1180	1107	1140	1142	3.21	cps
Cobalt	59-2	223	210	243	226	7.44	cps
Copper	63-2	1190	1320	1097	1202	9.33	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	83	58	142	94	45.27	cps
Erbium	164-2	37	57	60	51	24.69	cps
Gadolinium	160-1	50	25	75	50	50.00	cps
Gadolinium	160-2	50	87	90	76	29.38	cps
Holmium	165-1	11850151	11781715	11886848	11839571	0.45	cps
Holmium	165-2	7459969	7717916	7582623	7586836	1.70	cps
Indium	115-1	8476867	8417634	8509282	8467928	0.55	cps
Indium	115-2	2361538	2367644	2355641	2361607	0.25	cps
Iron	56-2	10187	9909	10148	10081	1.49	cps
Iron	57-2	278	306	256	280	8.96	cps

LB Number : LB114690 Operator : JASWAL
 Lab Sample ID : CCB15 Instrumnet Name : P7
 Client Sample ID : CCB15 Dilution Factor : 1
 Date & Time Acquired :: 2021-05-27 18:37:47 DataFile Name : 035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1101	1051	1041	1064	3.02	cps
Krypton	83-1	1763	1830	1907	1833	3.91	cps
Lead	206-1	2389	2417	2506	2437	2.50	cps
Lead	207-1	2200	2134	2000	2111	4.82	cps
Lead	208-1	10241	9735	9740	9905	2.93	cps
Lithium	6-1	1883287	1871045	1872979	1875771	0.35	cps
Magnesium	24-2	1517	1308	1400	1408	7.41	cps
Manganese	55-2	357	287	313	319	11.08	cps
Molybdenum	94-1	492	375	308	392	23.69	cps
Molybdenum	95-1	317	225	225	256	20.71	cps
Molybdenum	96-1	367	275	225	289	24.87	cps
Molybdenum	97-1	208	58	142	136	55.22	cps
Molybdenum	98-1	425	308	408	381	16.58	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	90	83	103	92	11.04	cps
Phosphorus	31-2	400	358	433	397	9.46	cps
Potassium	39-2	40623	40857	41910	41130	1.67	cps
Rhodium	103-1	7814576	7770709	7728891	7771392	0.55	cps
Rhodium	103-2	4561319	4581414	4554470	4565734	0.31	cps
Scandium	45-1	4378088	4379491	4409969	4389183	0.41	cps
Scandium	45-2	314246	311446	308542	311411	0.92	cps
Selenium	82-1	93	-21	1	24	251.11	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	117	87	119	107	16.45	cps
Silicon	28-1	255378	254490	257380	255750	0.58	cps
Silver	107-1	217	158	108	161	33.65	cps
Silver	109-1	150	117	183	150	22.22	cps
Sodium	23-2	16317	15967	15517	15934	2.52	cps
Strontium	86-1	3159	2867	3401	3142	8.50	cps
Strontium	88-1	1717	1683	1725	1708	1.29	cps
Sulfur	34-1	450308	446196	452996	449833	0.76	cps
Terbium	159-1	11925817	11729973	11974412	11876734	1.09	cps
Terbium	159-2	7450810	7388663	7363877	7401117	0.61	cps
Thallium	203-1	3267	3142	3234	3214	2.01	cps
Thallium	205-1	7302	7636	7969	7636	4.37	cps

LB Number :	LB114690	Operator :	JASWAL
Lab Sample ID :	CCB15	Instrumnet Name :	P7
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired ::	2021-05-27 18:37:47	DataFile Name :	035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	539	461	528	509	8.26	cps
Tin	118-1	867	908	958	911	5.04	cps
Titanium	47-1	92	142	142	125	23.09	cps
Uranium	238-1	225	208	183	206	10.20	cps
Vanadium	51-2	23	40	30	31	26.97	cps
Yttrium	89-1	11972841	11817646	11941394	11910627	0.69	cps
Yttrium	89-2	2423729	2434111	2430560	2429467	0.22	cps
Zinc	66-2	377	386	383	382	1.32	cps
Zirconium	90-1	983	1017	917	972	5.24	cps
Zirconium	91-1	208	208	200	206	2.34	cps