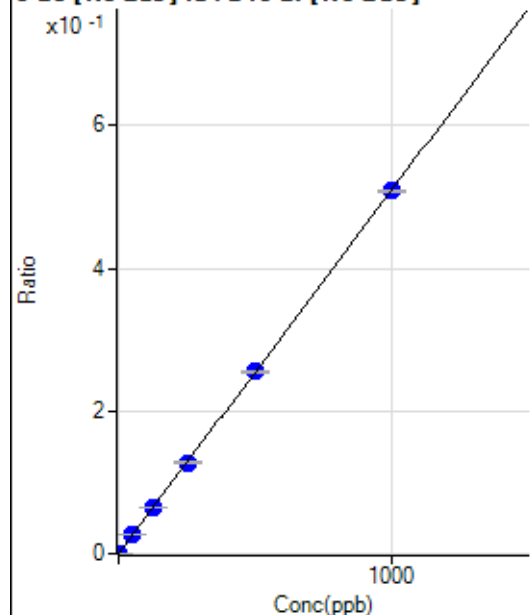


Batch Folder: C:\Agilent\ICPMH\1\DATA\P7080321-6020.b\
Analysis File: P7080321-6020.batch.bin
DA Date-Time: 2021-08-04 08:34:53
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2021-08-03 15:21:37
2	005CAL.S.d	S02	2021-08-03 15:27:45
3	006CAL.S.d	S03	2021-08-03 15:30:49
4	007CAL.S.d	S04	2021-08-03 15:33:52
5	008CAL.S.d	S05	2021-08-03 15:36:55
6	009CAL.S.d	S06	2021-08-03 15:39:53
7	010CAL.S.d	S07	2021-08-03 15:42:46
8	011CAL.S.d	S08	2021-08-03 15:45:38

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	88.89	0.0000	P	44.6
2	☐	1.000	1.062	1774.20	0.0006	P	0.6
3	☐	50.000	51.493	81969.80	0.0263	P	0.8
4	☐	125.000	126.908	198453.89	0.0647	P	2.0
5	☐	250.000	250.747	389105.80	0.1278	P	1.3
6	☐	500.000	501.908	745057.65	0.2557	P	1.0
7	☐	1000.000	998.546	1436064.95	0.5087	P	0.5
8	☐			250.01	0.0001	P	15.2

$$y = 5.0945\text{E-}004 * x + 2.8379\text{E-}005$$

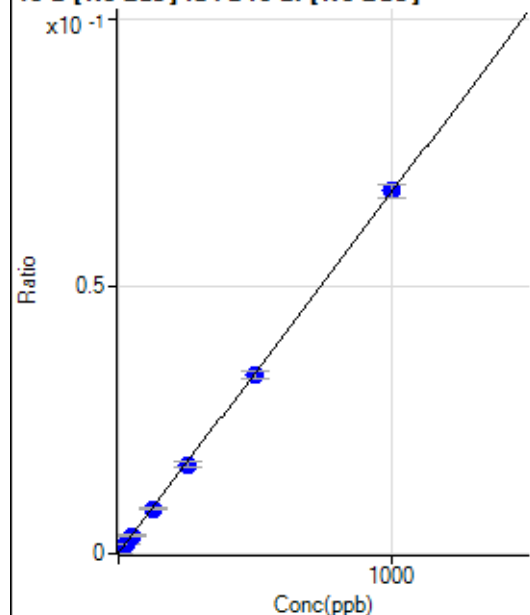
$$R = 1.0000$$

$$DL = 0.07446$$

$$BEC = 0.05571$$

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	302.79	0.0001	P	17.0
2	☐	25.000	25.314	5623.43	0.0018	P	6.7
3	☐	50.000	49.173	10662.39	0.0034	P	6.9
4	☐	125.000	122.366	25630.53	0.0084	P	3.4
5	☐	250.000	245.917	50835.68	0.0167	P	4.8
6	☐	500.000	495.503	97711.20	0.0335	P	3.9
7	☐	1000.000	1003.632	191475.50	0.0678	P	3.8
8	☐			7768.86	0.0030	P	8.5

$$y = 6.7480\text{E-}005 * x + 9.6809\text{E-}005$$

$$R = 1.0000$$

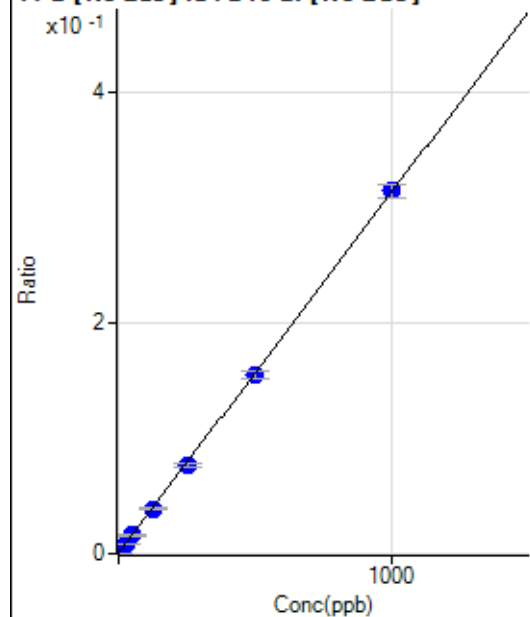
$$DL = 0.7311$$

$$BEC = 1.435$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1475.11	0.0005	P	5.0
2	☐	25.000	25.006	25844.75	0.0083	P	3.5
3	☐	50.000	49.627	49952.77	0.0160	P	3.7
4	☐	125.000	122.622	119156.33	0.0388	P	6.1
5	☐	250.000	243.490	233463.37	0.0767	P	4.4
6	☐	500.000	495.795	453468.17	0.1556	P	4.1
7	☐	1000.000	1004.046	888387.70	0.3147	P	3.5
8	☐			35088.66	0.0136	P	10.5

$$y = 3.1292\text{E-}004 * x + 4.7149\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.226$$

$$BEC = 1.507$$

Weight: <None>

Min Conc: 0

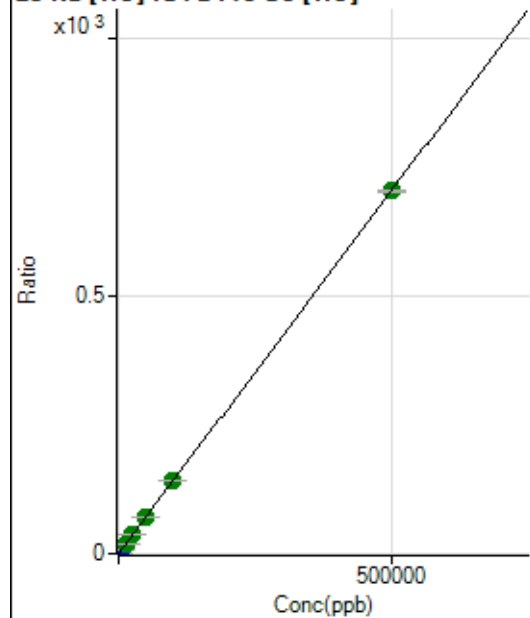
12 C [No Gas] No available calibration points



	R _j 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	12911.43	0.0415	P	0.8
2	☐	500.000	535.814	250117.44	0.7971	P	0.8
3	☐	5000.000	5202.607	2312584.36	7.3774	P	0.3
4	☐	12500.000	12908.225	5612725.86	18.2426	A	0.5
5	☐	25000.000	25347.612	10898626.55	35.7825	A	0.6
6	☐	50000.000	51098.522	21341525.82	72.0921	A	0.4
7	☐	100000.00	100495.95	41320237.73	141.7441	A	0.4
8	☐	500000.00	499761.31	198990047.5	704.7213	A	0.7

$$y = 0.0014 * x + 0.0415$$

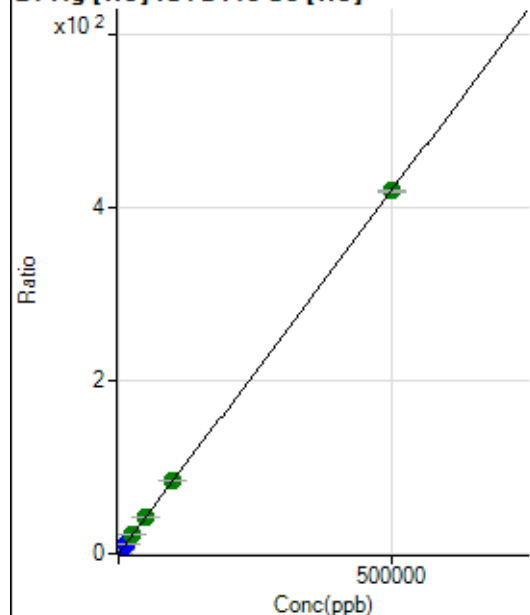
$$R = 1.0000$$

$$DL = 0.7033$$

$$BEC = 29.46$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	377.79	0.0012	P	8.3
2	☐	500.000	525.194	138399.33	0.4411	P	0.7
3	☐	5000.000	5238.797	1375729.38	4.3887	P	0.5
4	☐	12500.000	13088.482	3372969.65	10.9627	P	0.3
5	☐	25000.000	25446.955	6491412.95	21.3129	A	0.9
6	☐	50000.000	50943.818	12629931.44	42.6664	A	1.4
7	☐	100000.00	100387.85	24508116.00	84.0755	A	0.6
8	☐	500000.00	499788.57	118191330.4	418.5715	A	0.7

$$y = 8.3749\text{E-}004 * x + 0.0012$$

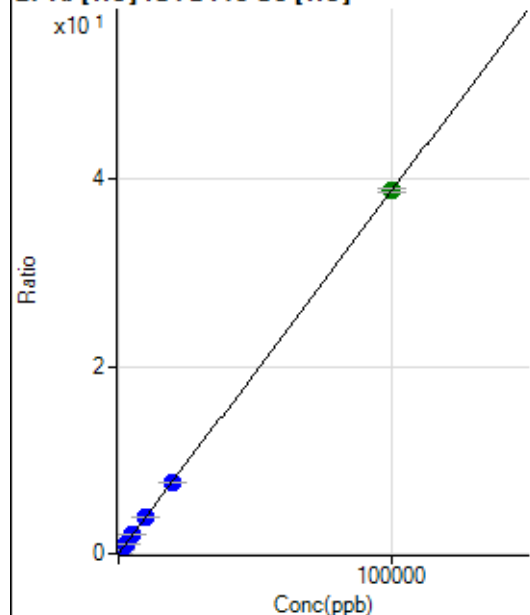
$$R = 1.0000$$

$$DL = 0.3633$$

$$BEC = 1.451$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	319.45	0.0010	P	18.3
2	☐	20.000	18.782	2605.85	0.0083	P	8.8
3	☐	1000.000	1018.023	124018.09	0.3956	P	1.0
4	☐	2500.000	2559.572	305583.78	0.9932	P	0.4
5	☐	5000.000	5049.669	596495.92	1.9584	P	0.3
6	☐	10000.000	10064.426	1155171.65	3.9023	P	0.9
7	☐	20000.000	19792.876	2236788.57	7.6733	P	0.4
8	☐	100000.00	100030.83	10949056.84	38.7759	A	0.9

$$y = 3.8763\text{E-}004 * x + 0.0010$$

$$R = 1.0000$$

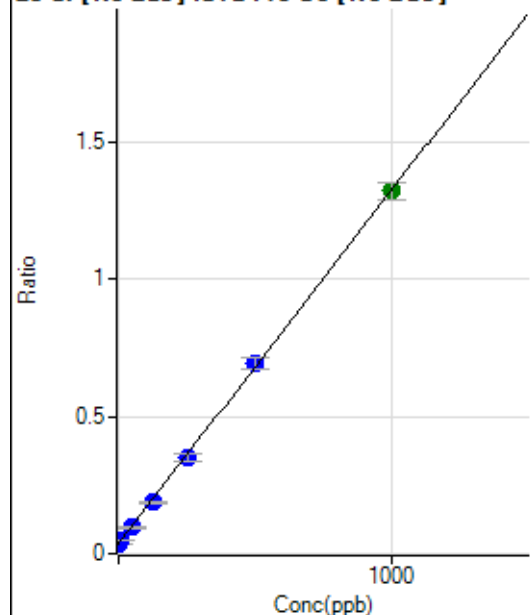
$$DL = 1.459$$

$$BEC = 2.654$$

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	177731.90	0.0374	P	1.0
2	☐	10.000	7.516	223974.39	0.0471	P	1.7
3	☐	50.000	45.592	463715.16	0.0961	P	3.8
4	☐	125.000	115.927	887110.08	0.1866	P	6.1
5	☐	250.000	243.518	1646094.49	0.3508	P	7.4
6	☐	500.000	510.209	3141026.48	0.6941	P	5.5
7	☐	1000.000	997.895	5846373.35	1.3217	A	4.9
8	☐			364337.14	0.0885	P	2.5

$$y = 0.0013 * x + 0.0374$$

$$R = 0.9999$$

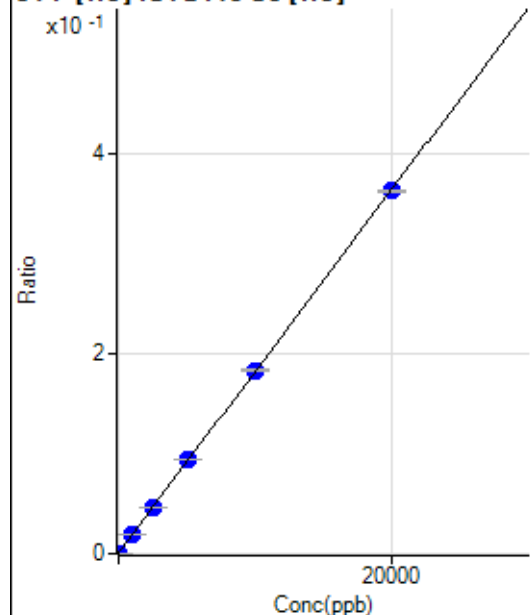
$$DL = 0.9122$$

$$BEC = 29.08$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-2.290	186.12	0.0006	P	14.9
2	☐	0.000	2.290	213.90	0.0007	P	13.6
3	☐	1000.000	1014.470	5981.93	0.0191	P	3.6
4	☐	2500.000	2475.988	14048.59	0.0457	P	1.2
5	☐	5000.000	5146.625	28697.58	0.0942	P	0.7
6	☐	10000.000	10053.941	54301.88	0.1834	P	1.5
7	☐	20000.000	19938.651	105869.99	0.3632	P	0.6
8	☐			202.79	0.0007	P	25.9

$$y = 1.8182E-005 * x + 6.4078E-004$$

$$R = 1.0000$$

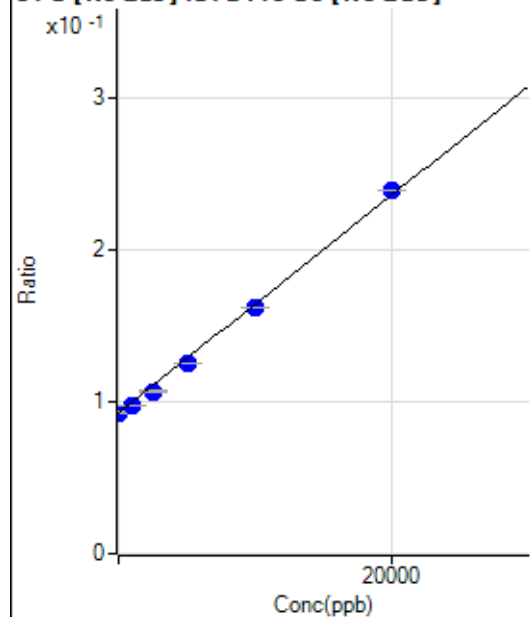
$$DL = 15.01$$

$$BEC = 35.24$$

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	-36.253	439302.40	0.0925	P	0.9
2	☐	0.000	36.253	442389.15	0.0930	P	0.4
3	☐	1000.000	684.322	471355.41	0.0977	P	0.3
4	☐	2500.000	1932.436	506893.98	0.1066	P	1.1
5	☐	5000.000	4519.056	587445.67	0.1252	P	0.3
6	☐	10000.000	9659.297	733094.16	0.1620	P	0.3
7	☐	20000.000	20377.317	1055953.23	0.2388	P	0.1
8	☐			377265.13	0.0916	P	1.1

$$y = 7.1664\text{E-}006 * x + 0.0928$$

$$R = 0.9993$$

$$DL = 258.3$$

$$BEC = 1.294\text{E}+04$$

Weight: <None>

Min Conc: 0

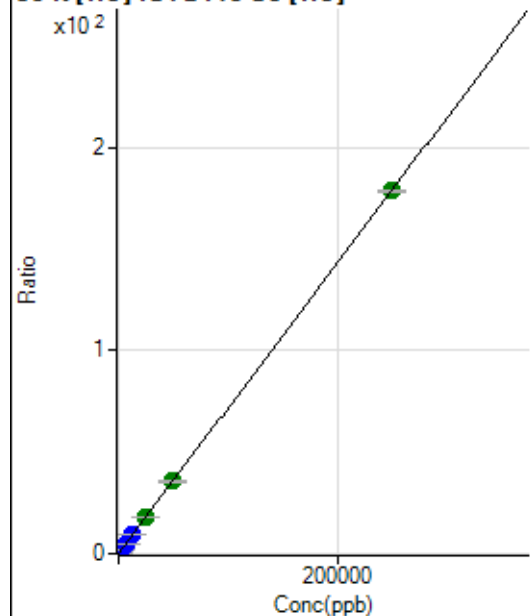
35 Cl [No Gas] No available calibration points



	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	33744.50	0.1086	P	1.3
2	☐	500.000	548.709	157072.20	0.5006	P	0.1
3	☐	2500.000	2705.709	639914.52	2.0414	P	0.4
4	☐	6250.000	6745.487	1515979.45	4.9273	P	0.7
5	☐	12500.000	13455.625	2960753.21	9.7207	P	0.2
6	☐	25000.000	25096.577	5339285.45	18.0366	A	0.7
7	☐	50000.000	49589.302	10357897.28	35.5332	A	0.6
8	☐	250000.00	250010.15	50460772.66	178.7060	A	0.6

$$y = 7.1436E-004 * x + 0.1086$$

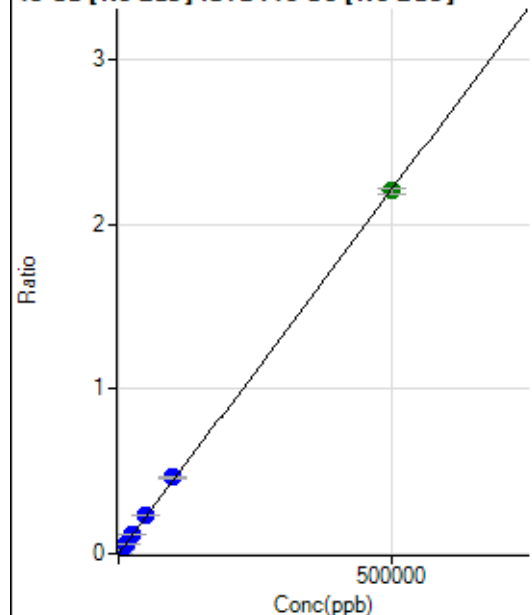
$$R = 1.0000$$

$$DL = 5.938$$

$$BEC = 152$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	105.56	0.0000	P	12.3
2	☐	500.000	527.805	11179.50	0.0024	P	1.8
3	☐	5000.000	5311.654	113185.80	0.0235	P	0.6
4	☐	12500.000	12903.257	270718.84	0.0569	P	1.8
5	☐	25000.000	25945.202	537270.07	0.1145	P	2.0
6	☐	50000.000	52213.169	1042462.50	0.2304	P	0.8
7	☐	100000.00	104457.92	2037768.49	0.4608	P	0.5
8	☐	500000.00	498826.61	9058266.52	2.2005	A	1.3

$$y = 4.4113\text{E-}006 * x + 2.2234\text{E-}005$$

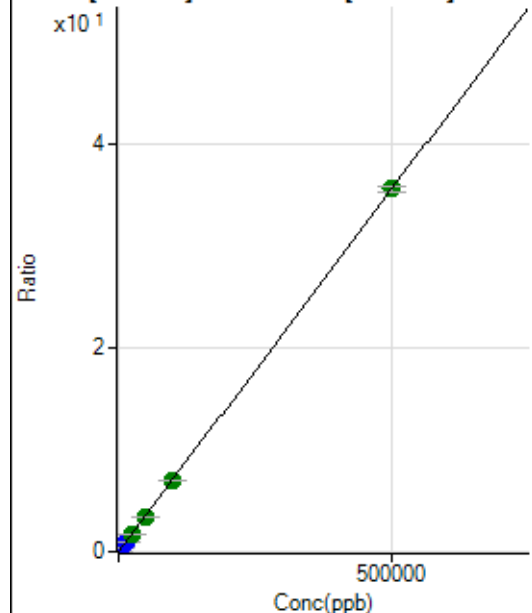
$$R = 1.0000$$

$$DL = 1.862$$

$$BEC = 5.04$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4917.62	0.0010	P	2.9
2	☐	500.000	531.597	184598.98	0.0388	P	1.1
3	☐	5000.000	5203.527	1789629.10	0.3709	P	1.0
4	☐	12500.000	12738.168	4309114.25	0.9063	P	1.1
5	☐	25000.000	23821.755	7950817.36	1.6941	A	1.9
6	☐	50000.000	48529.081	15613173.61	3.4500	A	0.5
7	☐	100000.00	97492.017	30643559.02	6.9298	A	0.2
8	☐	500000.00	500699.58	146487313.0	35.5859	A	1.3

$$y = 7.1070\text{E-}005 * x + 0.0010$$

$$R = 1.0000$$

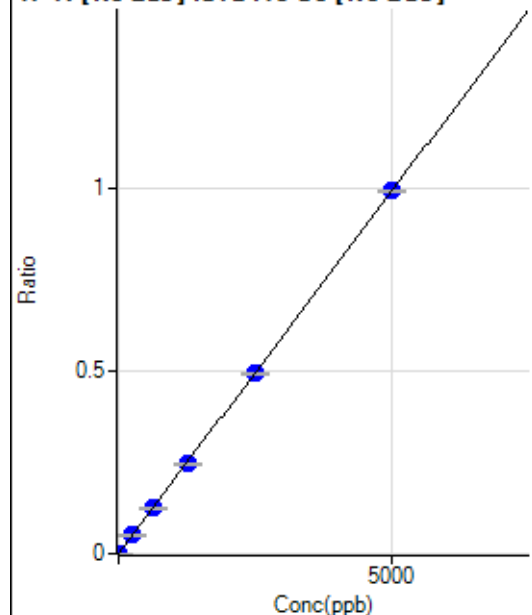
$$DL = 1.287$$

$$BEC = 14.57$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	55.56	0.0000	P	31.1
2	☐	5.000	5.172	4928.73	0.0010	P	5.0
3	☐	250.000	253.240	242141.50	0.0502	P	1.0
4	☐	625.000	624.854	588548.41	0.1238	P	1.1
5	☐	1250.000	1237.255	1150441.01	0.2451	P	1.1
6	☐	2500.000	2489.123	2231553.54	0.4931	P	0.7
7	☐	5000.000	5008.481	4387468.07	0.9922	P	0.5
8	☐			869.49	0.0002	P	6.9

$$y = 1.9810E-004 * x + 1.1695E-005$$

$$R = 1.0000$$

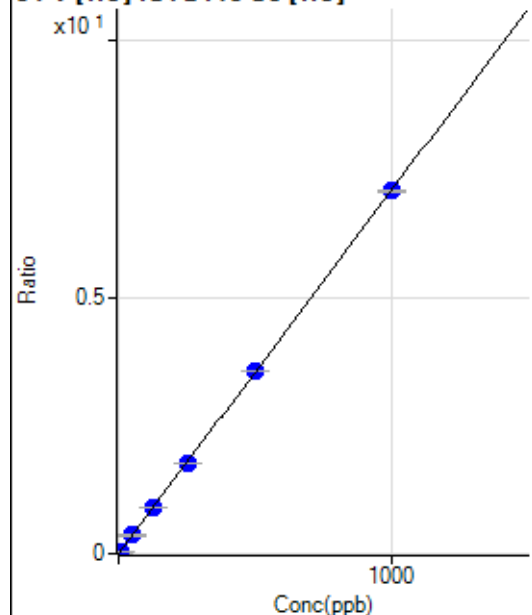
$$DL = 0.05505$$

$$BEC = 0.05904$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4.44	0.0000	P	114.
2	☐	5.000	5.336	11874.86	0.0378	P	0.1
3	☐	50.000	50.360	111919.00	0.3570	P	0.5
4	☐	125.000	125.888	274585.30	0.8924	P	0.3
5	☐	250.000	250.624	541145.86	1.7767	P	0.3
6	☐	500.000	502.612	1054756.42	3.5631	P	0.7
7	☐	1000.000	998.408	2063211.78	7.0778	P	0.2
8	☐			316.67	0.0011	P	8.8

$$y = 0.0071 * x + 1.4216E-005$$

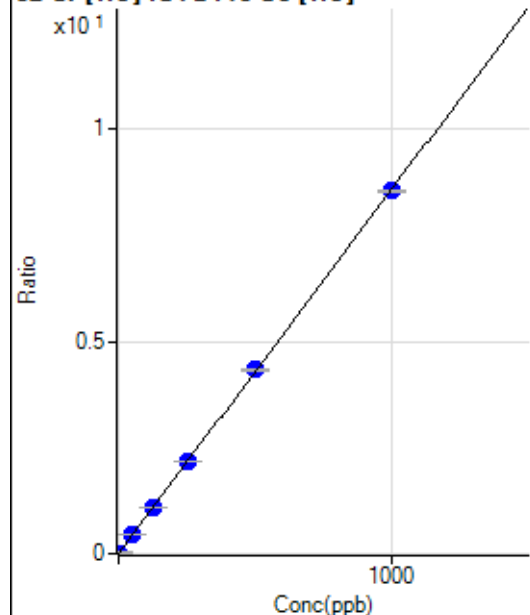
$$R = 1.0000$$

$$DL = 0.006866$$

$$BEC = 0.002005$$

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	1263.40	0.0041	P	3.7
2	☐	2.000	2.165	7096.20	0.0226	P	3.2
3	☐	50.000	51.100	138507.07	0.4418	P	0.2
4	☐	125.000	127.813	338150.02	1.0991	P	0.6
5	☐	250.000	253.294	662175.99	2.1741	P	0.5
6	☐	500.000	504.598	1280924.00	4.3270	P	0.5
7	☐	1000.000	996.470	2489720.62	8.5410	P	0.2
8	☐			6464.81	0.0229	P	1.5

$$y = 0.0086 * x + 0.0041$$

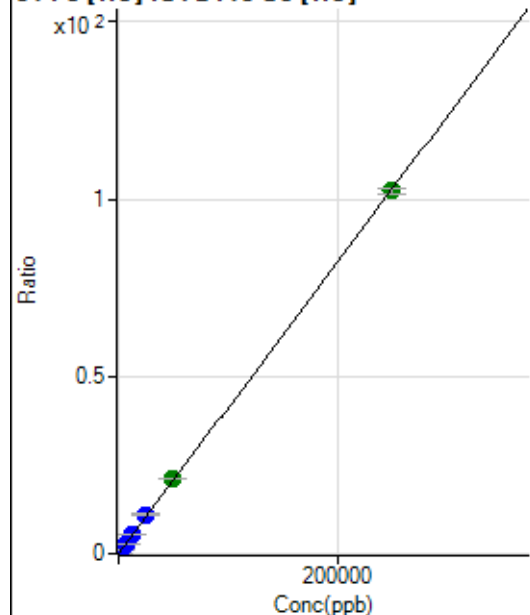
$$R = 1.0000$$

$$DL = 0.05229$$

$$BEC = 0.4746$$

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	867.59	0.0028	P	17.0
2	☐	50.000	58.681	8427.77	0.0269	P	0.8
3	☐	2500.000	2758.394	355488.10	1.1341	P	0.3
4	☐	6250.000	6860.842	866571.99	2.8165	P	0.5
5	☐	12500.000	13540.622	1692246.25	5.5560	P	0.1
6	☐	25000.000	27074.641	3287869.94	11.1065	P	0.4
7	☐	50000.000	51635.979	6174215.72	21.1796	A	0.8
8	☐	250000.00	249395.45	28881044.40	102.2839	A	1.2

$$y = 4.1012E-004 * x + 0.0028$$

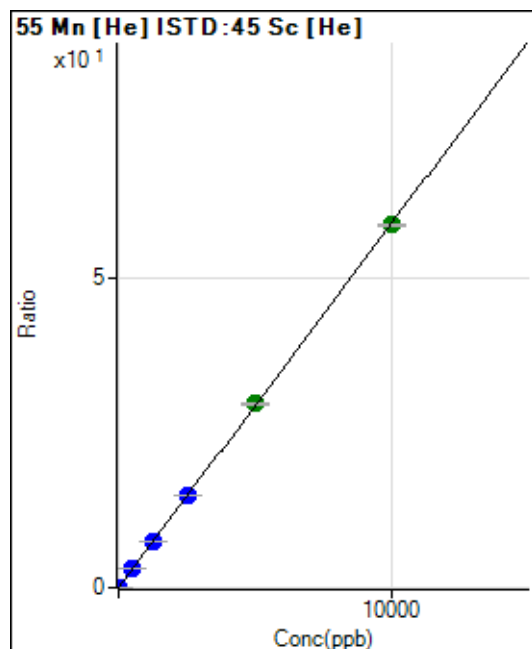
$$R = 1.0000$$

$$DL = 3.482$$

$$BEC = 6.811$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	118.89	0.0004	P	18.9
2	☐	1.000	1.048	2054.61	0.0066	P	4.6
3	☐	500.000	513.523	947418.16	3.0224	P	0.2
4	☐	1250.000	1283.866	2324686.28	7.5557	P	0.5
5	☐	2500.000	2530.319	4535461.77	14.8909	P	0.5
6	☐	5000.000	5052.045	8801155.84	29.7309	A	0.6
7	☐	10000.000	9961.489	17088795.16	58.6222	A	0.3
8	☐			8393.57	0.0297	P	2.5

$$y = 0.0059 * x + 3.8262E-004$$

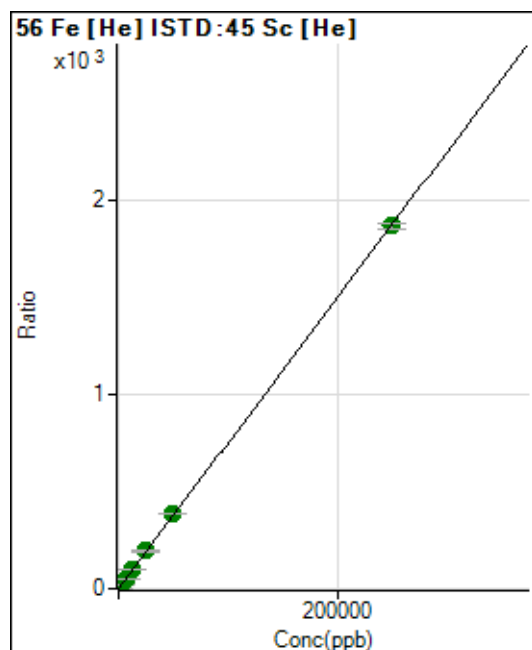
$$R = 1.0000$$

$$DL = 0.03682$$

$$BEC = 0.06502$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4921.27	0.0158	P	2.5
2	☐	50.000	56.652	138203.08	0.4405	P	1.0
3	☐	2500.000	2633.036	6191385.09	19.7516	A	0.5
4	☐	6250.000	6585.414	15191796.98	49.3764	A	0.5
5	☐	12500.000	12969.300	29613005.53	97.2265	A	0.3
6	☐	25000.000	25840.273	57339460.08	193.7001	A	0.8
7	☐	50000.000	51484.793	112497836.7	385.9171	A	0.5
8	☐	250000.00	249585.83	528226815.5	1,870.771	A	1.7

$$y = 0.0075 * x + 0.0158$$

$$R = 1.0000$$

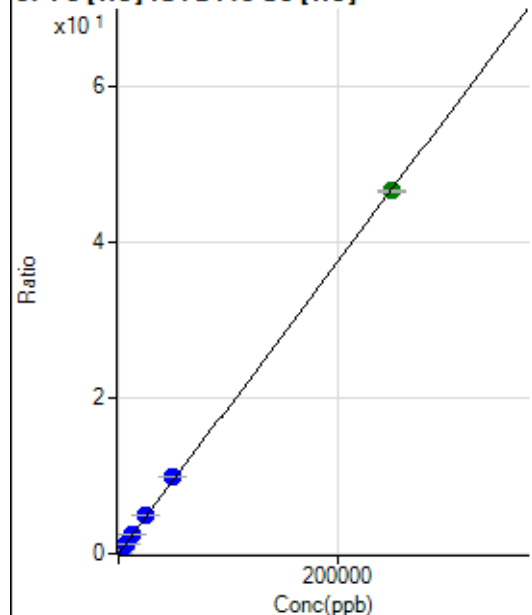
$$DL = 0.1609$$

$$BEC = 2.113$$

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	131.49	0.0004	P	26.3
2	☐	50.000	56.594	3448.61	0.0110	P	1.3
3	☐	2500.000	2687.572	157436.28	0.5023	P	0.8
4	☐	6250.000	6739.263	387312.00	1.2588	P	0.2
5	☐	12500.000	13340.151	758800.70	2.4913	P	0.6
6	☐	25000.000	26516.675	1465811.82	4.9517	P	1.0
7	☐	50000.000	52292.224	2846409.18	9.7646	P	0.2
8	☐	250000.00	249333.77	13146029.58	46.5568	A	0.9

$$y = 1.8672E-004 * x + 4.2252E-004$$

$$R = 0.9999$$

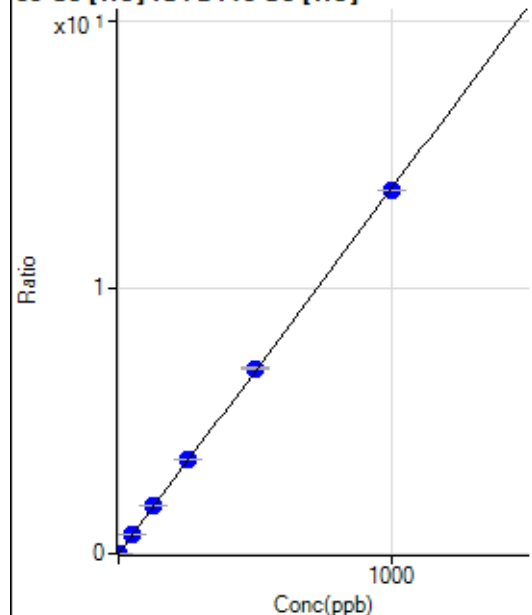
$$DL = 1.787$$

$$BEC = 2.263$$

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	88.89	0.0003	P	7.0
2	☐	1.000	1.078	4731.92	0.0151	P	2.8
3	☐	50.000	52.223	224720.88	0.7169	P	1.2
4	☐	125.000	129.826	548228.58	1.7818	P	0.6
5	☐	250.000	256.409	1071768.73	3.5189	P	0.4
6	☐	500.000	507.714	2062574.40	6.9674	P	0.4
7	☐	1000.000	993.827	3975623.65	13.6382	P	0.2
8	☐			5587.78	0.0198	P	2.8

$$y = 0.0137 * x + 2.8592E-004$$

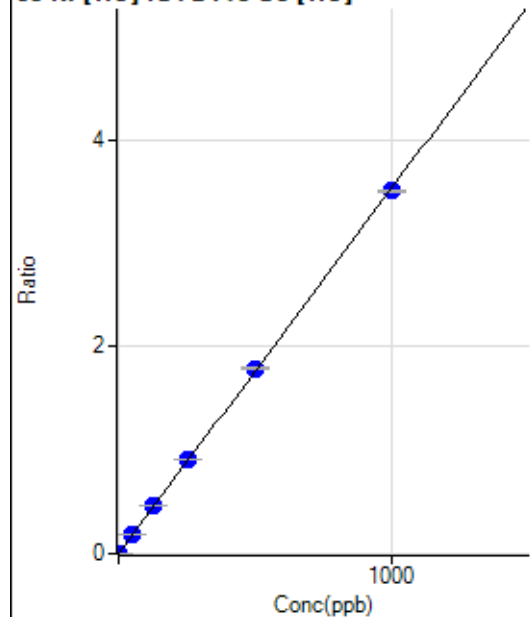
$$R = 0.9999$$

$$DL = 0.004402$$

$$BEC = 0.02084$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	122.22	0.0004	P	22.7
2	☐	1.000	1.160	1406.75	0.0045	P	6.0
3	☐	50.000	52.447	58135.63	0.1855	P	0.3
4	☐	125.000	131.282	142647.44	0.4636	P	0.5
5	☐	250.000	258.280	277700.63	0.9118	P	0.5
6	☐	500.000	507.866	530608.95	1.7924	P	0.6
7	☐	1000.000	993.089	1021566.94	3.5046	P	0.9
8	☐			1861.25	0.0066	P	3.2

$$y = 0.0035 * x + 3.9354E-004$$

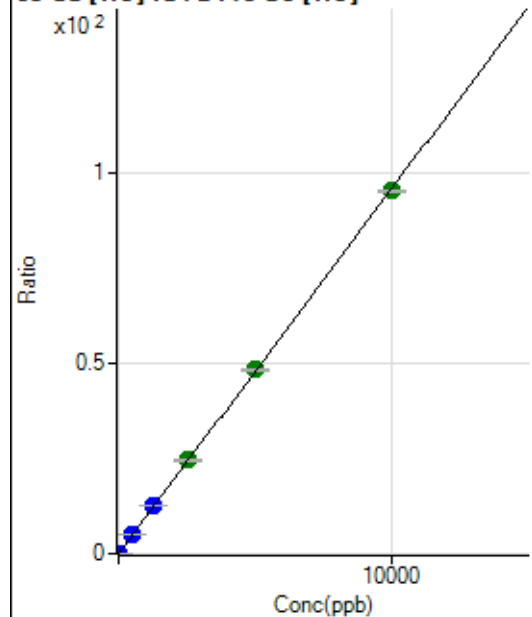
$$R = 0.9999$$

$$DL = 0.07581$$

$$BEC = 0.1115$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	577.79	0.0019	P	4.4
2	☐	2.000	2.055	6750.49	0.0215	P	3.3
3	☐	500.000	521.030	1562828.43	4.9856	P	0.3
4	☐	1250.000	1295.577	3813494.22	12.3943	P	0.2
5	☐	2500.000	2568.266	7482809.40	24.5678	A	0.9
6	☐	5000.000	5054.964	14313717.01	48.3536	A	1.0
7	☐	10000.000	9948.703	27739657.64	95.1632	A	0.6
8	☐			5861.23	0.0208	P	1.1

$$y = 0.0096 * x + 0.0019$$

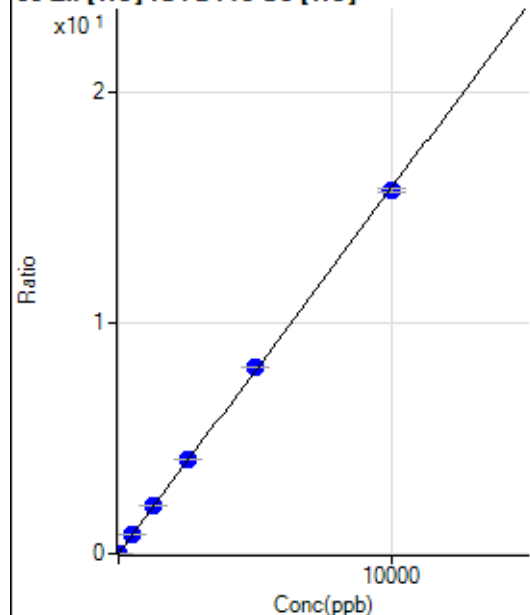
$$R = 0.9999$$

$$DL = 0.02548$$

$$BEC = 0.1944$$

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	668.91	0.0022	P	4.1
2	☐	2.000	2.037	1686.79	0.0054	P	2.0
3	☐	500.000	528.176	262638.12	0.8379	P	1.0
4	☐	1250.000	1315.920	641290.98	2.0843	P	0.2
5	☐	2500.000	2587.101	1247447.54	4.0956	P	0.1
6	☐	5000.000	5101.200	2389980.29	8.0736	P	0.8
7	☐	10000.000	9917.976	4575119.97	15.6951	P	1.0
8	☐			5476.63	0.0194	P	2.8

$$y = 0.0016 * x + 0.0022$$

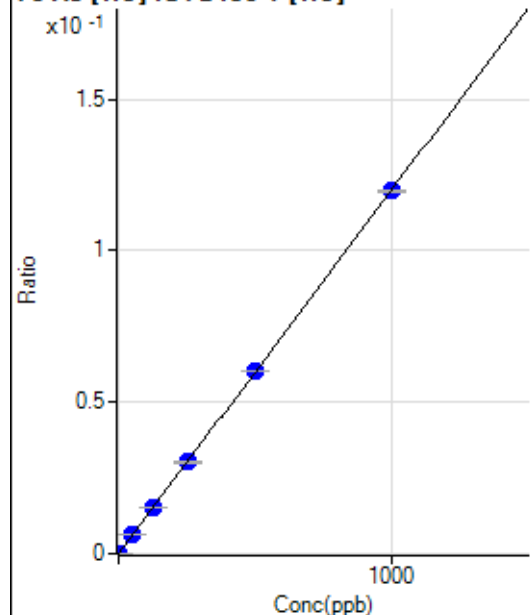
R = 0.9999

DL = 0.1666

BEC = 1.36

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	8.02	0.0000	P	70.4
2	☐	1.000	1.007	303.09	0.0001	P	15.7
3	☐	50.000	51.237	15025.69	0.0061	P	1.7
4	☐	125.000	128.131	36936.76	0.0154	P	0.2
5	☐	250.000	252.257	72449.19	0.0303	P	1.1
6	☐	500.000	501.906	140776.36	0.0602	P	0.5
7	☐	1000.000	998.029	275636.57	0.1197	P	0.8
8	☐			104.94	0.0000	P	6.4

$$y = 1.1993\text{E-}004 * x + 3.3170\text{E-}006$$

R = 1.0000

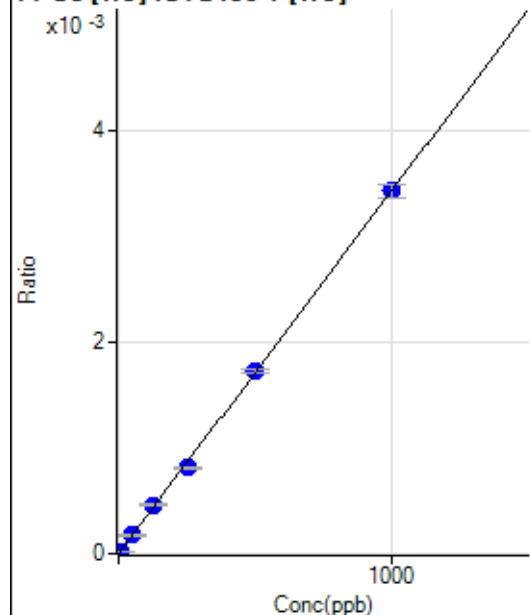
DL = 0.05839

BEC = 0.02766

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	5.313	44.44	0.0000	P	17.4
3	☐	50.000	51.895	434.46	0.0002	P	7.9
4	☐	125.000	134.729	1108.95	0.0005	P	3.5
5	☐	250.000	236.524	1940.15	0.0008	P	2.4
6	☐	500.000	503.322	4031.71	0.0017	P	2.5
7	☐	1000.000	1000.396	7891.10	0.0034	P	4.0
8	☐			3.33	0.0000	P	173.

$$y = 3.4257\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9998$$

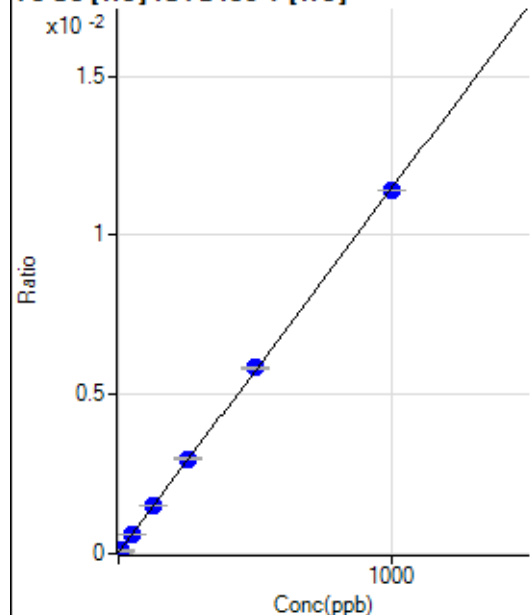
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	77.78	0.0000	P	13.1
2	☐	5.000	5.125	221.61	0.0001	P	10.6
3	☐	50.000	51.207	1510.58	0.0006	P	3.0
4	☐	125.000	128.395	3607.26	0.0015	P	1.9
5	☐	250.000	258.497	7159.21	0.0030	P	1.5
6	☐	500.000	507.763	13660.78	0.0058	P	1.4
7	☐	1000.000	993.509	26249.59	0.0114	P	0.2
8	☐			76.55	0.0000	P	0.6

$$y = 1.1442\text{E-}005 * x + 3.2162\text{E-}005$$

$$R = 0.9999$$

$$DL = 1.108$$

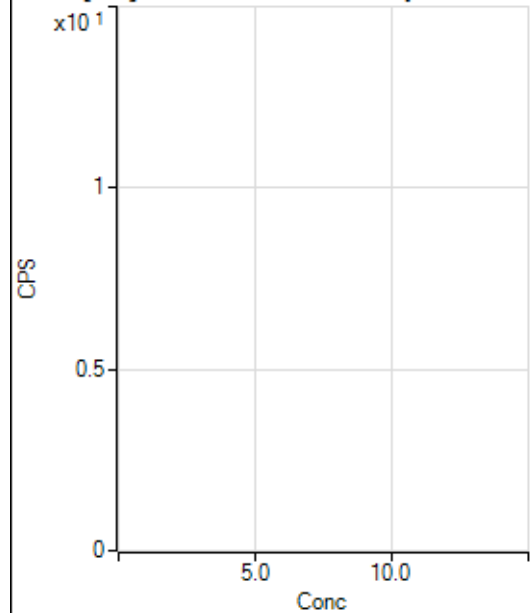
$$BEC = 2.811$$

Weight: <None>

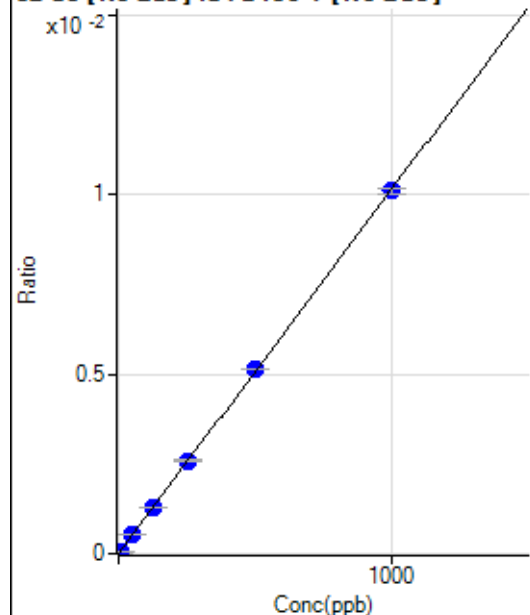
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6796.22		P	5.9
2	☐			7307.58		P	3.3
3	☐			7007.42		P	4.8
4	☐			6807.37		P	3.9
5	☐			6771.21		P	6.3
6	☐			6593.35		P	2.3
7	☐			6768.42		P	5.3
8	☐			5948.58		P	6.9

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			36.70		P	56.8
2	☐			40.04		P	43.3
3	☐			30.03		P	88.2
4	☐			26.69		P	57.3
5	☐			36.70		P	78.7
6	☐			53.39		P	21.7
7	☐			46.71		P	53.9
8	☐			40.04		P	43.3

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	52.96	0.0000	P	125.
2	☐	5.000	5.322	704.16	0.0001	P	14.5
3	☐	50.000	51.540	6475.34	0.0005	P	3.6
4	☐	125.000	126.791	15611.04	0.0013	P	1.7
5	☐	250.000	253.657	31065.26	0.0026	P	2.2
6	☐	500.000	505.583	60381.01	0.0051	P	0.6
7	☐	1000.000	995.992	117808.69	0.0101	P	1.6
8	☐			37.61	0.0000	P	75.0

$$y = 1.0137E-005 * x + 4.3877E-006$$

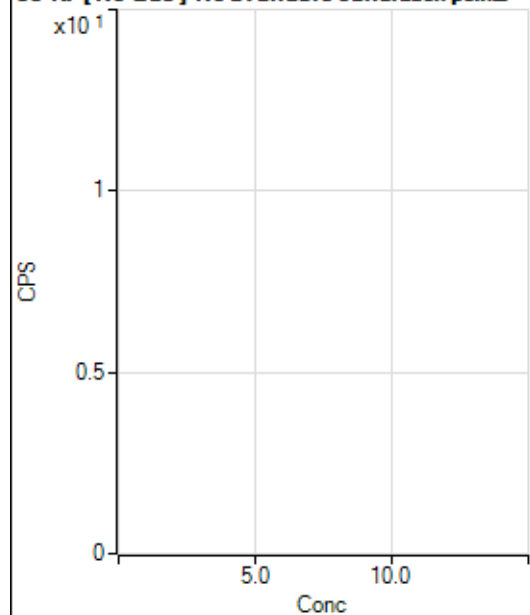
$$R = 1.0000$$

$$DL = 1.633$$

$$BEC = 0.4328$$

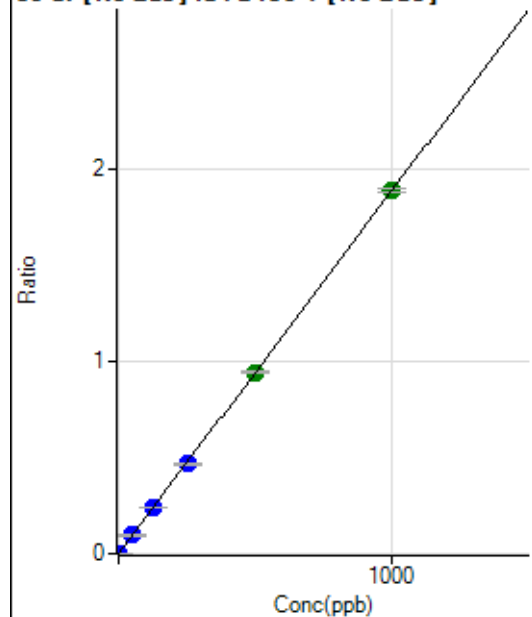
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			698.91		P	13.1
2	☐			700.03		P	5.4
3	☐			684.47		P	5.2
4	☐			738.92		P	1.7
5	☐			708.91		P	4.8
6	☐			684.47		P	15.1
7	☐			604.46		P	5.6
8	☐			686.69		P	5.6

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1175.08	0.0001	P	20.1
2	☐	1.000	0.116	3808.94	0.0003	P	2.5
3	☐	50.000	50.581	1173856.91	0.0955	P	2.4
4	☐	125.000	125.603	2868709.96	0.2370	P	1.2
5	☐	250.000	247.727	5636353.55	0.4673	P	1.8
6	☐	500.000	498.994	11078166.22	0.9412	A	1.1
7	☐	1000.000	1000.968	22019325.15	1.8879	A	1.0
8	☐			6760.06	0.0006	P	5.6

$$y = 0.0019 * x + 9.6898E-005$$

$$R = 1.0000$$

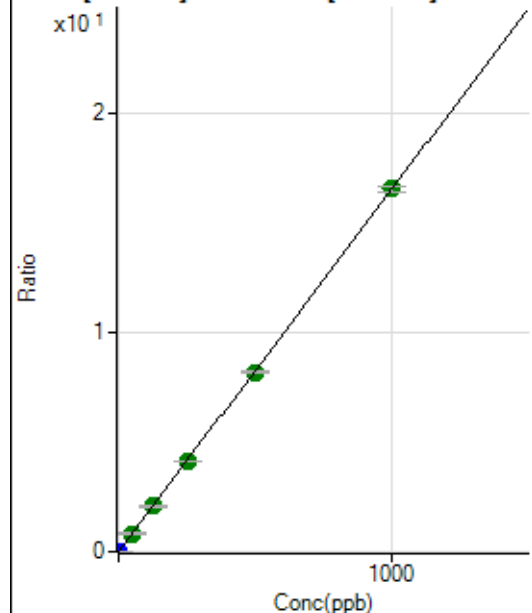
$$DL = 0.03098$$

$$BEC = 0.05138$$

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	272.23	0.0000	P	6.1
2	☐	1.000	0.114	22876.91	0.0019	P	1.9
3	☐	50.000	50.121	10168644.76	0.8272	A	2.0
4	☐	125.000	125.385	25050391.53	2.0692	A	1.0
5	☐	250.000	249.407	49645892.78	4.1159	A	1.5
6	☐	500.000	496.273	96403189.66	8.1899	A	0.5
7	☐	1000.000	1001.958	192848419.5	16.5352	A	1.6
8	☐			51138.52	0.0048	P	5.0

$$y = 0.0165 * x + 2.2461E-005$$

$$R = 1.0000$$

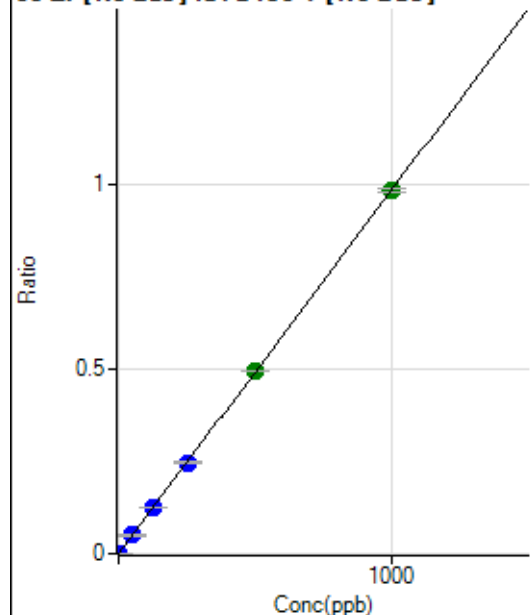
$$DL = 0.0002502$$

$$BEC = 0.001361$$

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	772.27	0.0001	P	2.2
2	☐	1.000	0.988	12472.42	0.0010	P	2.3
3	☐	50.000	50.392	609096.49	0.0495	P	1.4
4	☐	125.000	125.694	1494796.93	0.1235	P	1.4
5	☐	250.000	250.742	2970293.53	0.2463	P	1.7
6	☐	500.000	502.942	5813741.97	0.4939	A	0.0
7	☐	1000.000	998.237	11432609.72	0.9802	A	1.2
8	☐			2616.97	0.0002	P	7.3

$$y = 9.8189\text{E-}004 * x + 6.3718\text{E-}005$$

$$R = 1.0000$$

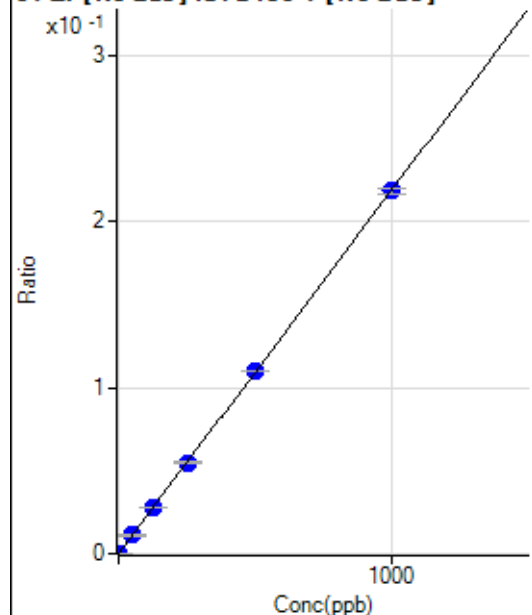
$$DL = 0.004375$$

$$BEC = 0.06489$$

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	127.78	0.0000	P	39.7
2	☐	1.000	1.057	2917.03	0.0002	P	0.5
3	☐	50.000	50.426	135692.74	0.0110	P	1.2
4	☐	125.000	125.856	333251.88	0.0275	P	1.9
5	☐	250.000	251.411	663195.81	0.0550	P	1.7
6	☐	500.000	501.448	1290775.04	0.1097	P	0.5
7	☐	1000.000	998.795	2547352.32	0.2184	P	1.4
8	☐			655.59	0.0001	P	15.9

$$y = 2.1866\text{E-}004 * x + 1.0556\text{E-}005$$

$$R = 1.0000$$

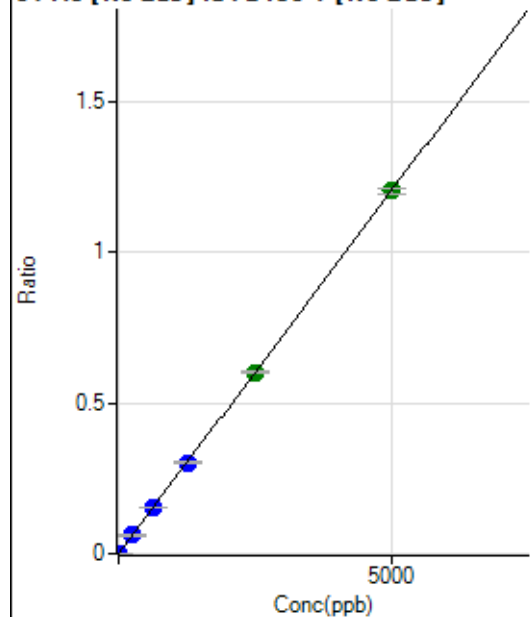
$$DL = 0.05754$$

$$BEC = 0.04828$$

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	288.90	0.0000	P	19.8
2	☐	5.000	5.280	15619.96	0.0013	P	1.5
3	☐	250.000	252.782	748048.27	0.0608	P	1.9
4	☐	625.000	632.766	1843341.67	0.1523	P	2.2
5	☐	1250.000	1253.811	3639113.27	0.3017	P	2.0
6	☐	2500.000	2500.718	7083217.09	0.6018	A	0.6
7	☐	5000.000	4997.578	14025353.79	1.2026	A	1.7
8	☐			3895.07	0.0004	P	9.6

$$y = 2.4062E-004 * x + 2.3846E-005$$

$$R = 1.0000$$

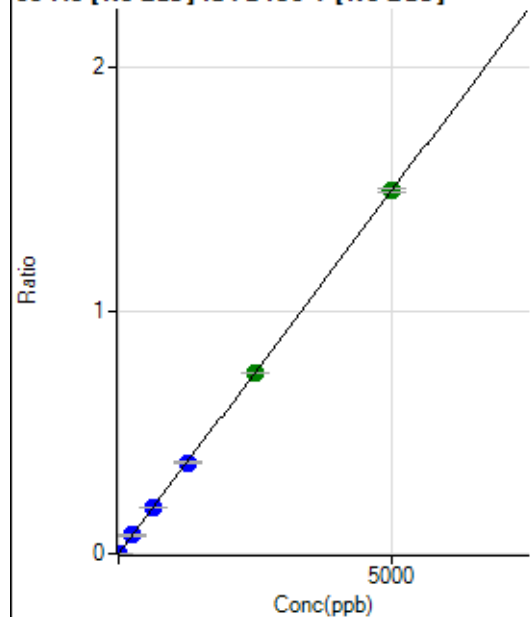
$$DL = 0.05891$$

$$BEC = 0.0991$$

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	44.44	0.0000	P	21.9
2	☐	5.000	5.139	18542.91	0.0015	P	1.1
3	☐	250.000	254.141	932014.94	0.0758	P	2.2
4	☐	625.000	633.605	2287980.61	0.1890	P	2.0
5	☐	1250.000	1253.823	4511282.74	0.3740	P	1.9
6	☐	2500.000	2495.983	8764402.54	0.7446	A	0.6
7	☐	5000.000	4999.770	17396111.33	1.4915	A	1.2
8	☐			5592.91	0.0005	P	5.8

$$y = 2.9831E-004 * x + 3.6690E-006$$

$$R = 1.0000$$

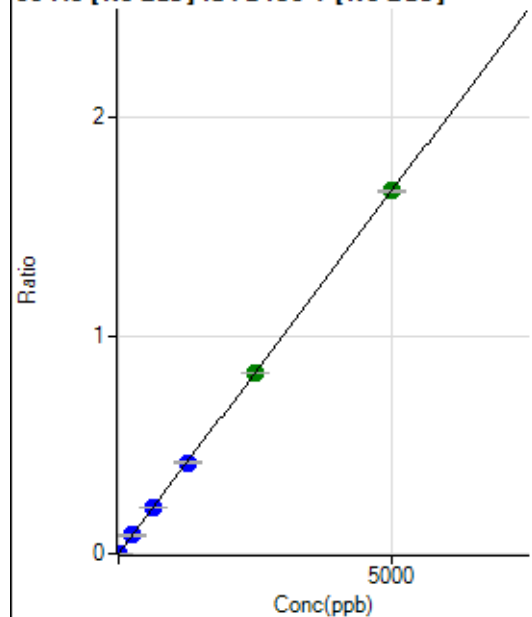
$$DL = 0.008092$$

$$BEC = 0.0123$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	130.56	0.0000	P	22.1
2	☐	5.000	5.218	21071.56	0.0017	P	2.4
3	☐	250.000	252.801	1033716.61	0.0841	P	1.9
4	☐	625.000	632.422	2546126.29	0.2103	P	1.9
5	☐	1250.000	1251.754	5021413.31	0.4163	P	1.4
6	☐	2500.000	2492.430	9757642.93	0.8289	A	0.5
7	☐	5000.000	5002.279	19404604.77	1.6636	A	0.6
8	☐			7004.67	0.0007	P	6.5

$$y = 3.3257E-004 * x + 1.0767E-005$$

$$R = 1.0000$$

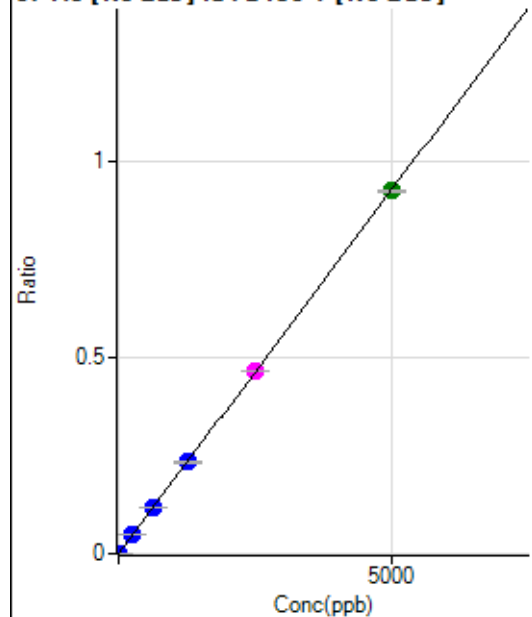
$$DL = 0.02146$$

$$BEC = 0.03237$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16.67	0.0000	P	49.8
2	☐	5.000	5.166	11585.56	0.0010	P	1.9
3	☐	250.000	254.925	581610.71	0.0473	P	2.1
4	☐	625.000	635.331	1427308.03	0.1179	P	1.8
5	☐	1250.000	1263.209	2827599.54	0.2344	P	1.5
6	☐	2500.000	2512.488	5488467.83	0.4663	M	0.8
7	☐	5000.000	4988.916	10799364.48	0.9259	A	0.6
8	☐			3325.48	0.0003	P	2.3

$$y = 1.8558E-004 * x + 1.3748E-006$$

$$R = 1.0000$$

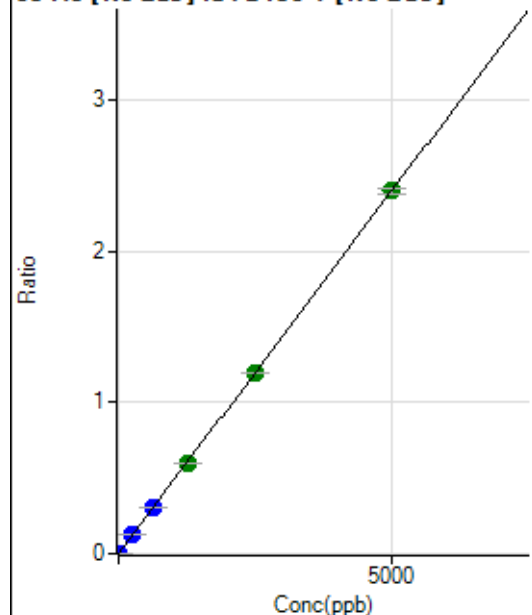
$$DL = 0.01107$$

$$BEC = 0.007408$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	102.78	0.0000	P	36.3
2	☐	5.000	5.258	30538.62	0.0025	P	1.0
3	☐	250.000	255.325	1505713.60	0.1225	P	2.1
4	☐	625.000	633.945	3681116.88	0.3041	P	2.3
5	☐	1250.000	1250.394	7234638.44	0.5998	A	1.3
6	☐	2500.000	2489.141	14054574.27	1.1940	A	0.6
7	☐	5000.000	5003.946	27994968.34	2.4003	A	1.5
8	☐			8297.10	0.0008	P	12.4

$$y = 4.7968\text{E-}004 * x + 8.4738\text{E-}006$$

$$R = 1.0000$$

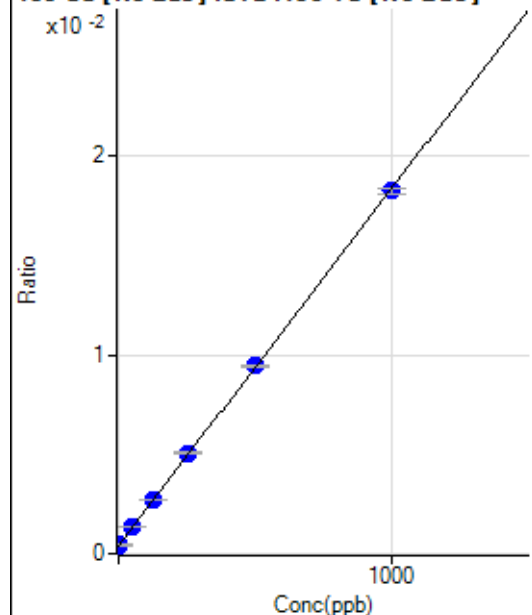
$$DL = 0.01924$$

$$BEC = 0.01767$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4784.26	0.0004	P	2.6
2	☐	1.000	2.483	5315.03	0.0004	P	5.1
3	☐	50.000	54.834	16799.17	0.0014	P	0.3
4	☐	125.000	130.055	32916.53	0.0027	P	0.4
5	☐	250.000	260.189	61128.78	0.0051	P	2.7
6	☐	500.000	504.849	113604.54	0.0095	P	1.3
7	☐	1000.000	994.153	217480.35	0.0182	P	1.6
8	☐			4423.04	0.0004	P	5.6

$$y = 1.7944\text{E-}005 * x + 3.9934\text{E-}004$$

$$R = 0.9999$$

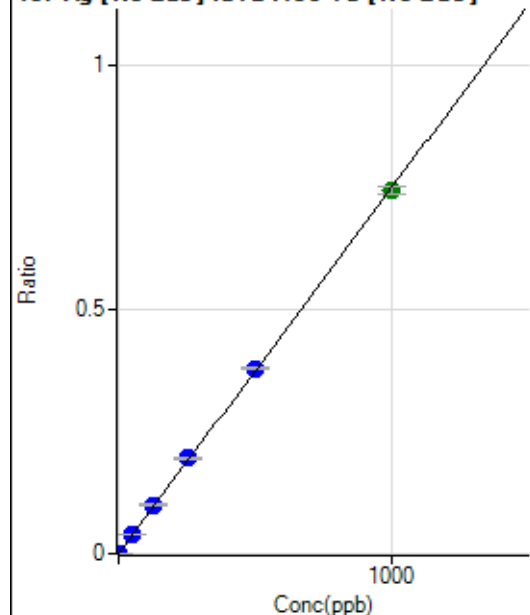
$$DL = 1.72$$

$$BEC = 22.25$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	108.34	0.0000	P	13.2
2	☐	1.000	1.079	9770.27	0.0008	P	3.0
3	☐	50.000	54.621	496014.92	0.0408	P	0.9
4	☐	125.000	133.878	1205440.87	0.1001	P	2.1
5	☐	250.000	261.881	2361593.72	0.1958	P	1.5
6	☐	500.000	507.017	4552787.17	0.3791	P	1.1
7	☐	1000.000	992.181	8844658.96	0.7418	A	2.1
8	☐			2297.47	0.0002	P	9.4

$$y = 7.4761\text{E-}004 * x + 9.0421\text{E-}006$$

$$R = 0.9999$$

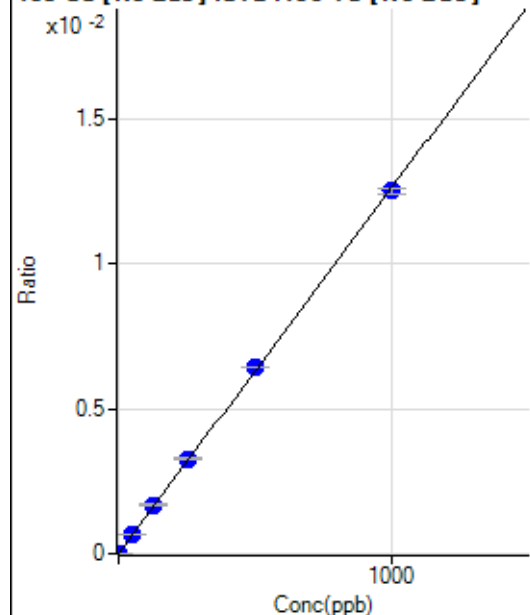
$$DL = 0.004802$$

$$BEC = 0.01209$$

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	52.78	0.0000	P	30.0
2	☐	1.000	0.845	180.56	0.0000	P	17.9
3	☐	50.000	51.899	8005.12	0.0007	P	3.0
4	☐	125.000	132.378	20163.10	0.0017	P	3.6
5	☐	250.000	257.996	39309.93	0.0033	P	1.7
6	☐	500.000	509.540	77258.24	0.0064	P	0.7
7	☐	1000.000	992.214	149300.17	0.0125	P	1.6
8	☐			145.84	0.0000	P	1.6

$$y = 1.2615\text{E-}005 * x + 4.4061\text{E-}006$$

$$R = 0.9999$$

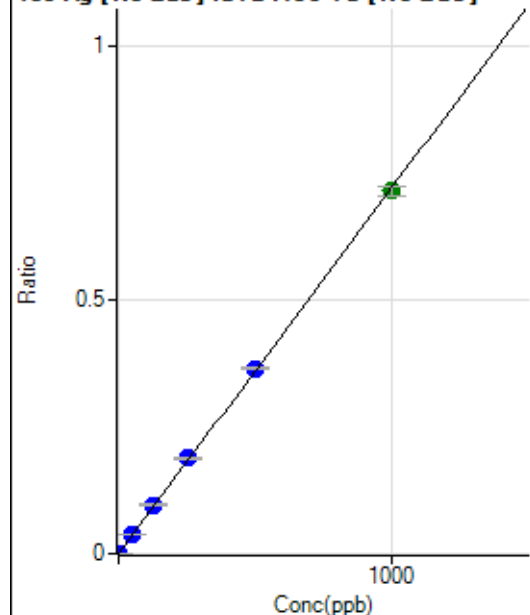
$$DL = 0.3142$$

$$BEC = 0.3493$$

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	25.00	0.0000	P	66.8
2	☐	1.000	1.095	9467.28	0.0008	P	1.5
3	☐	50.000	53.774	470176.73	0.0387	P	1.3
4	☐	125.000	133.545	1157919.02	0.0962	P	2.0
5	☐	250.000	261.101	2267425.40	0.1880	P	1.5
6	☐	500.000	506.507	4379978.87	0.3647	P	1.0
7	☐	1000.000	992.714	8521754.53	0.7147	A	2.4
8	☐			2047.43	0.0002	P	8.0

$$y = 7.1997\text{E-}004 * x + 2.0873\text{E-}006$$

$$R = 0.9999$$

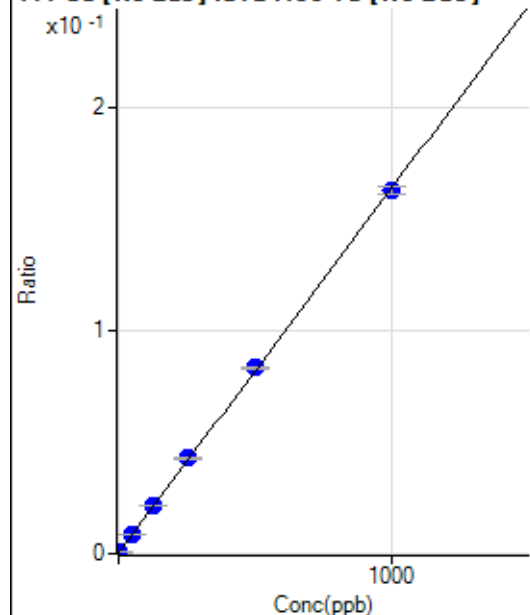
$$DL = 0.005806$$

$$BEC = 0.002899$$

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	3331.48	0.0003	P	2.8
2	☐	1.000	1.180	5645.70	0.0005	P	4.4
3	☐	50.000	53.310	109440.34	0.0090	P	1.1
4	☐	125.000	130.375	260590.55	0.0216	P	1.1
5	☐	250.000	260.277	517665.35	0.0429	P	2.0
6	☐	500.000	507.236	1001448.17	0.0834	P	1.2
7	☐	1000.000	992.975	1943004.57	0.1630	P	2.3
8	☐			3303.77	0.0003	P	4.8

$$y = 1.6383\text{E-}004 * x + 2.7808\text{E-}004$$

$$R = 0.9999$$

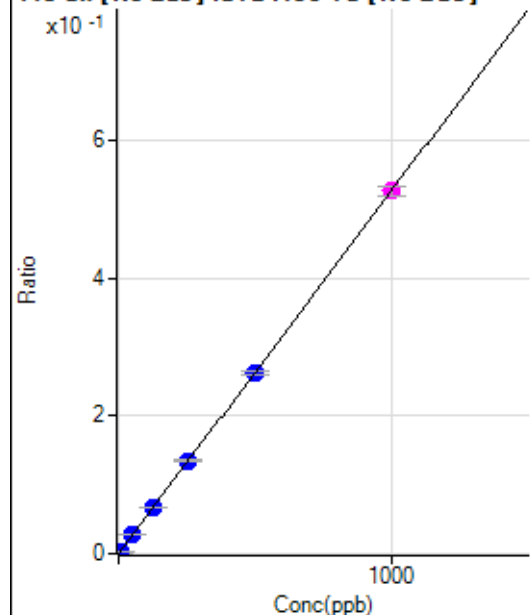
$$DL = 0.1438$$

$$BEC = 1.697$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	625.03	0.0001	P	13.9
2	☐	5.000	5.216	33546.07	0.0028	P	2.3
3	☐	50.000	51.747	331836.63	0.0273	P	1.3
4	☐	125.000	127.739	811449.85	0.0674	P	1.8
5	☐	250.000	254.652	1619512.42	0.1343	P	2.2
6	☐	500.000	497.421	3149538.24	0.2622	P	1.5
7	☐	1000.000	999.696	6282908.39	0.5270	M	2.8
8	☐			2166.89	0.0002	P	2.3

$$y = 5.2707\text{E-}004 * x + 5.2166\text{E-}005$$

$$R = 1.0000$$

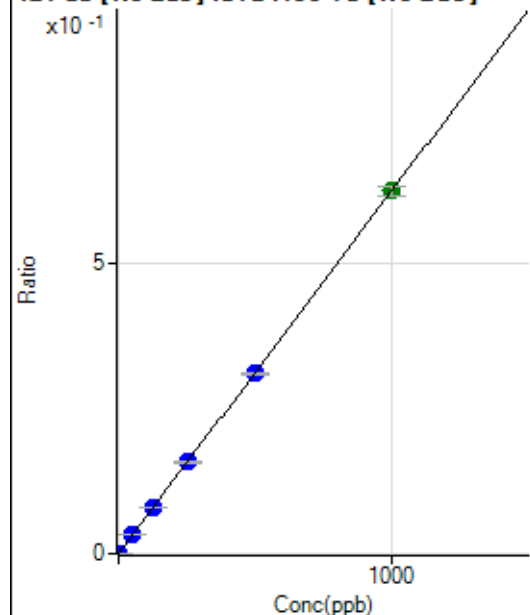
$$DL = 0.04139$$

$$BEC = 0.09897$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	94.45	0.0000	P	18.5
2	☐	2.000	2.128	15981.69	0.0013	P	3.8
3	☐	50.000	50.889	385430.66	0.0317	P	1.5
4	☐	125.000	126.765	952067.06	0.0791	P	1.3
5	☐	250.000	252.845	1901755.21	0.1577	P	1.9
6	☐	500.000	496.389	3717797.35	0.3095	P	1.4
7	☐	1000.000	1000.829	7440979.51	0.6241	A	2.7
8	☐			7418.84	0.0007	P	7.2

$$y = 6.2357\text{E-}004 * x + 7.8845\text{E-}006$$

$$R = 1.0000$$

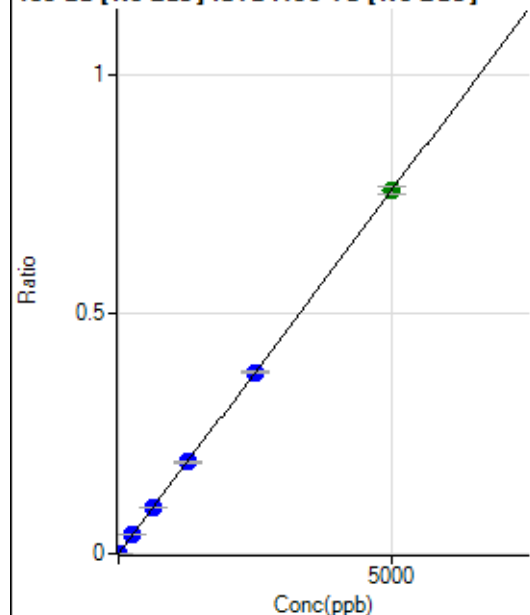
$$DL = 0.007005$$

$$BEC = 0.01264$$

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	36.11	0.0000	P	13.2
2	☐	10.000	10.535	19127.39	0.0016	P	2.0
3	☐	250.000	255.290	469170.63	0.0386	P	1.1
4	☐	625.000	636.234	1159499.61	0.0963	P	1.9
5	☐	1250.000	1262.107	2303628.13	0.1910	P	1.8
6	☐	2500.000	2493.346	4531770.59	0.3773	P	1.3
7	☐	5000.000	4998.630	9018923.21	0.7564	A	2.1
8	☐			2558.64	0.0002	P	9.9

$$y = 1.5133\text{E-}004 * x + 3.0139\text{E-}006$$

$$R = 1.0000$$

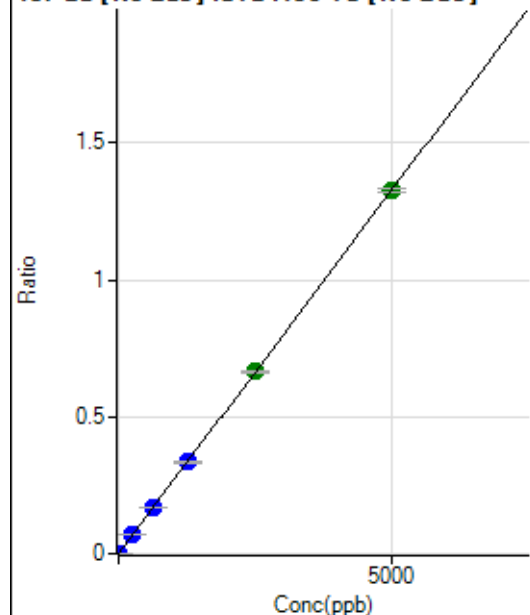
$$DL = 0.007908$$

$$BEC = 0.01992$$

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	50.00	0.0000	P	33.4
2	☐	10.000	10.525	33465.79	0.0028	P	2.6
3	☐	250.000	257.859	830273.07	0.0684	P	0.5
4	☐	625.000	637.628	2035904.71	0.1691	P	1.5
5	☐	1250.000	1262.044	4035864.63	0.3346	P	1.4
6	☐	2500.000	2502.078	7967428.57	0.6634	A	0.8
7	☐	5000.000	4993.978	15787825.01	1.3240	A	1.0
8	☐			4556.44	0.0004	P	6.5

$$y = 2.6512\text{E-}004 * x + 4.1745\text{E-}006$$

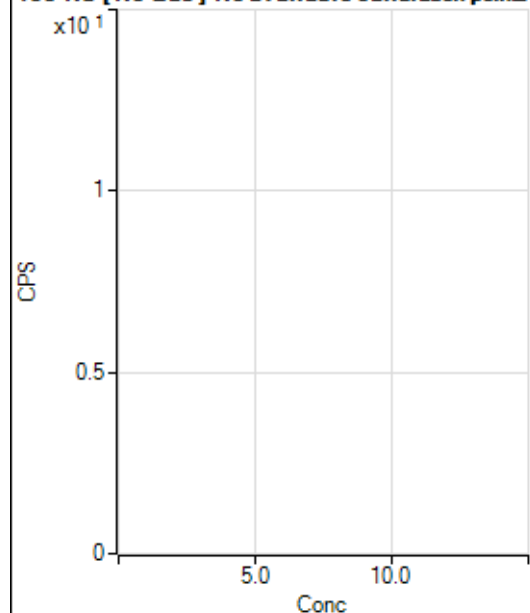
$$R = 1.0000$$

$$DL = 0.0158$$

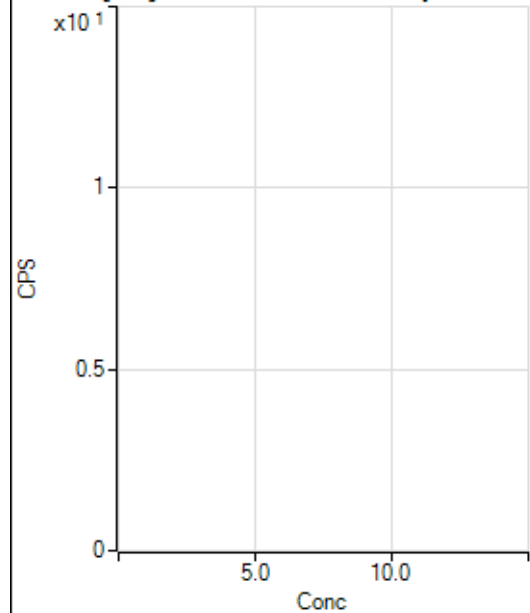
$$BEC = 0.01575$$

Weight: <None>

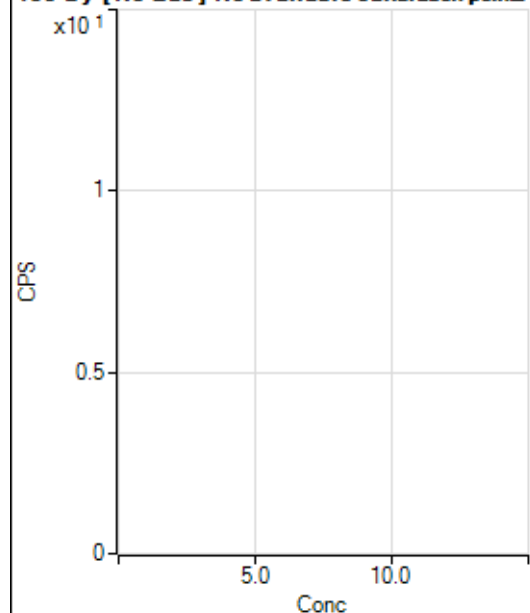
Min Conc: 0

150 Nd [No Gas] No available calibration points

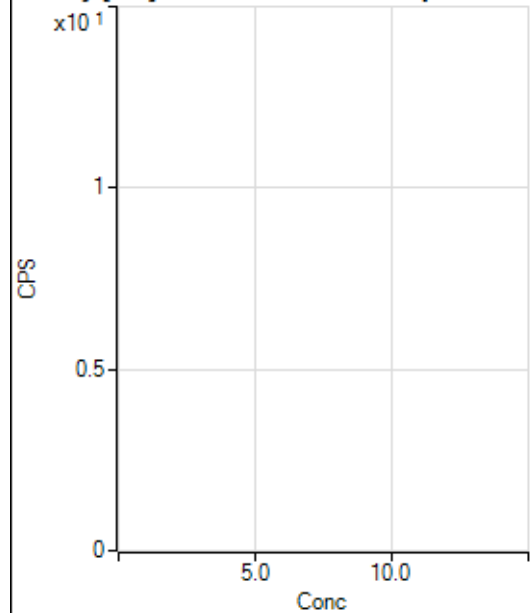
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.
2	☐			4.45		P	86.6
3	☐			33.33		P	72.1
4	☐			75.56		P	31.0
5	☐			193.34		P	6.0
6	☐			371.12		P	3.7
7	☐			682.26		P	4.9
8	☐			22.22		P	105.

150 Nd [He] No available calibration points

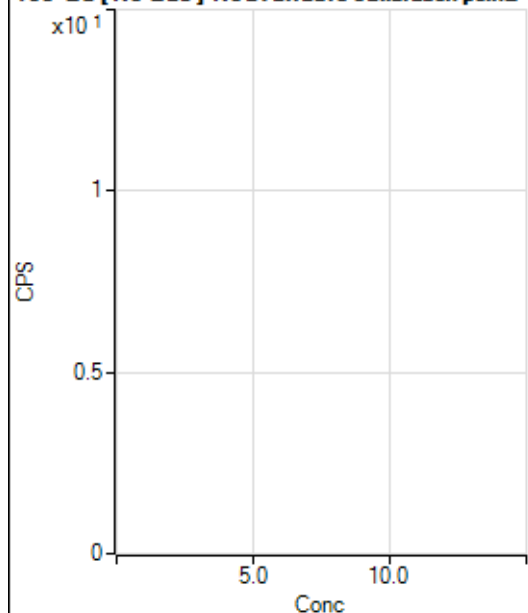
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			3.33		P	100.
3	☐			5.56		P	34.7
4	☐			11.11		P	62.5
5	☐			32.22		P	21.5
6	☐			52.22		P	28.8
7	☐			103.34		P	11.2
8	☐			26.67		P	33.1

156 Dy [No Gas] No available calibration points

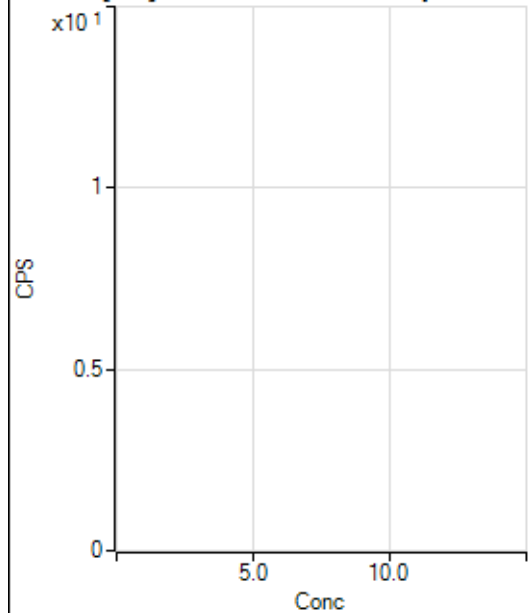
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	86.6
2	☐			0.00		P	
3	☐			27.78		P	45.8
4	☐			88.89		P	28.6
5	☐			150.01		P	11.1
6	☐			327.79		P	8.9
7	☐			536.14		P	13.9
8	☐			1325.10		P	7.1

156 Dy [He] No available calibration points

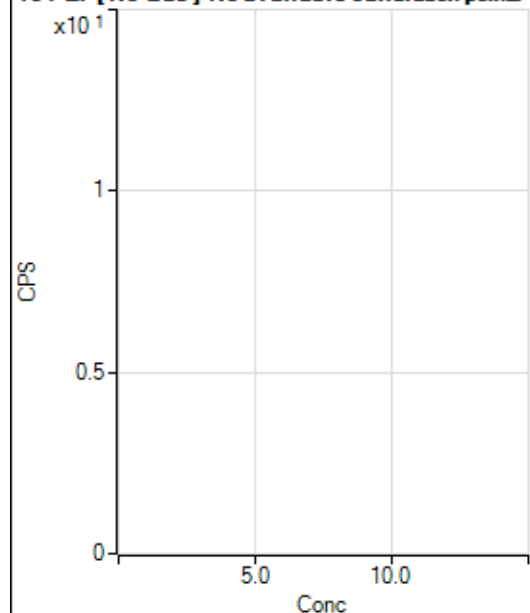
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐			4.44		P	114.
3	☐			15.56		P	53.9
4	☐			57.78		P	20.3
5	☐			115.56		P	18.8
6	☐			168.89		P	13.1
7	☐			394.45		P	5.5
8	☐			931.15		P	2.5

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

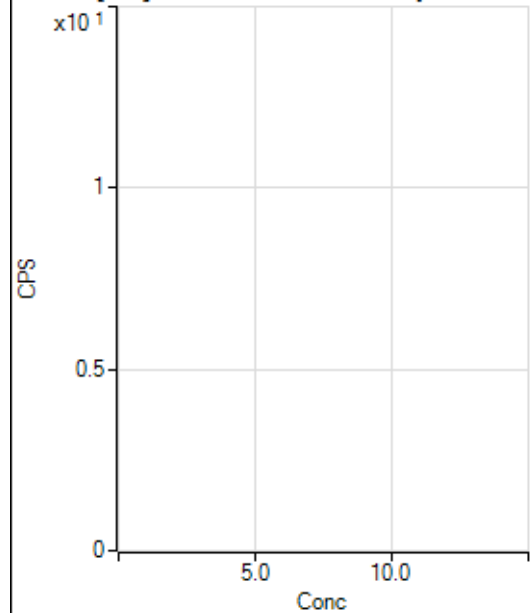
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			69.44		P	48.5
2	☐			66.67		P	21.7
3	☐			52.78		P	77.9
4	☐			86.11		P	14.8
5	☐			152.78		P	8.3
6	☐			277.79		P	15.1
7	☐			575.03		P	19.6
8	☐			1464.00		P	3.3

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			126.67		P	11.5
2	☐			104.45		P	49.1
3	☐			160.00		P	3.6
4	☐			174.45		P	5.8
5	☐			175.56		P	12.1
6	☐			265.56		P	11.3
7	☐			497.79		P	12.2
8	☐			1121.17		P	4.6

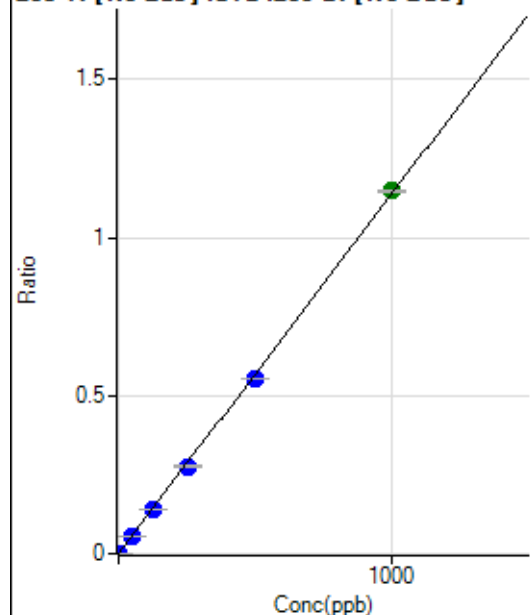
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			69.45		P	13.9
2	☐			66.67		P	33.1
3	☐			116.67		P	25.8
4	☐			88.89		P	47.2
5	☐			97.22		P	21.6
6	☐			102.78		P	41.6
7	☐			152.78		P	8.3
8	☐			247.23		P	11.8

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			57.78		P	23.3
2	☐			54.44		P	14.1
3	☐			50.00		P	17.6
4	☐			55.56		P	3.5
5	☐			58.89		P	53.8
6	☐			85.56		P	6.0
7	☐			111.11		P	19.5
8	☐			173.34		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	616.70	0.0001	P	7.8
2	☐	1.000	0.993	9442.49	0.0012	P	1.1
3	☐	50.000	49.146	443409.36	0.0560	P	0.8
4	☐	125.000	121.935	1087572.86	0.1387	P	2.7
5	☐	250.000	242.529	2170081.71	0.2758	P	2.4
6	☐	500.000	486.468	4294083.13	0.5532	P	0.9
7	☐	1000.000	1009.060	8771694.64	1.1473	A	0.6
8	☐			2397.52	0.0004	P	17.7

$$y = 0.0011 * x + 7.9554E-005$$

$$R = 0.9998$$

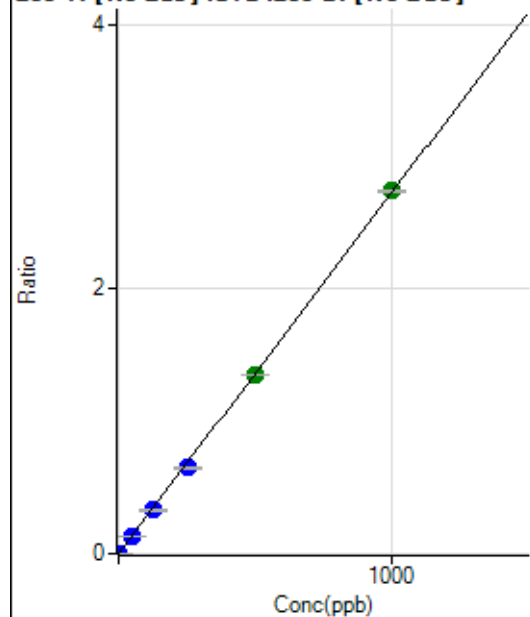
$$DL = 0.01637$$

$$BEC = 0.06997$$

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	1472.35	0.0002	P	4.1
2	☐	1.000	0.982	22377.60	0.0029	P	1.5
3	☐	50.000	48.283	1044150.61	0.1318	P	1.0
4	☐	125.000	119.956	2564509.39	0.3271	P	2.8
5	☐	250.000	237.439	5092273.55	0.6472	P	2.4
6	☐	500.000	496.111	10495836.87	1.3521	A	0.4
7	☐	1000.000	1005.801	20956886.58	2.7411	A	0.2
8	☐			6023.78	0.0010	P	18.2

$$y = 0.0027 * x + 1.8978E-004$$

$$R = 0.9999$$

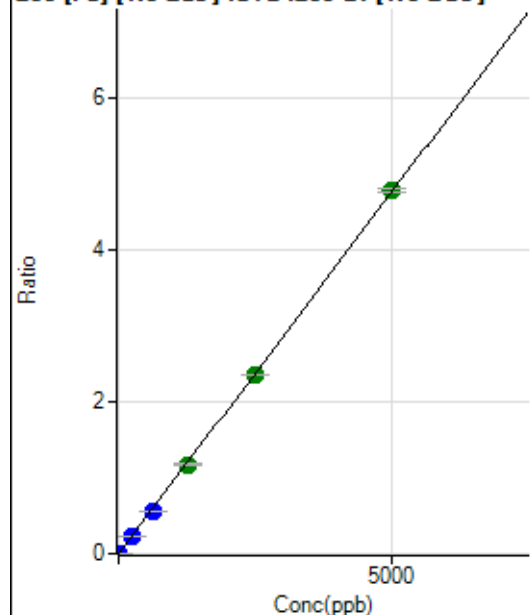
$$DL = 0.008622$$

$$BEC = 0.06964$$

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	1157.48	0.0001	P	11.1
2	☐	1.000	0.988	8489.91	0.0011	P	2.8
3	☐	250.000	237.315	1786055.52	0.2254	P	1.1
4	☐	625.000	593.577	4418845.73	0.5635	P	1.2
5	☐	1250.000	1228.851	9177670.23	1.1665	A	2.4
6	☐	2500.000	2472.427	18217142.77	2.3468	A	0.7
7	☐	5000.000	5023.636	36453078.59	4.7683	A	1.2
8	☐			17228.04	0.0028	P	2.2

$$y = 9.4914\text{E-}004 * x + 1.4923\text{E-}004$$

$$R = 1.0000$$

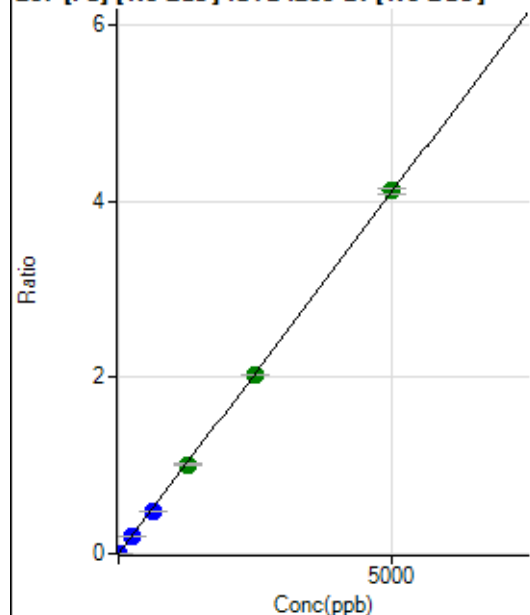
$$DL = 0.05249$$

$$BEC = 0.1572$$

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	966.72	0.0001	P	4.5
2	☐	1.000	0.978	7229.91	0.0009	P	5.1
3	☐	250.000	232.385	1509859.77	0.1905	P	1.2
4	☐	625.000	583.171	3747991.34	0.4780	P	0.9
5	☐	1250.000	1225.043	7898496.53	1.0039	A	2.2
6	☐	2500.000	2482.711	15792254.75	2.0344	A	0.2
7	☐	5000.000	5020.993	31452518.76	4.1142	A	1.7
8	☐			14712.10	0.0024	P	1.5

$$y = 8.1938\text{E-}004 * x + 1.2468\text{E-}004$$

$$R = 1.0000$$

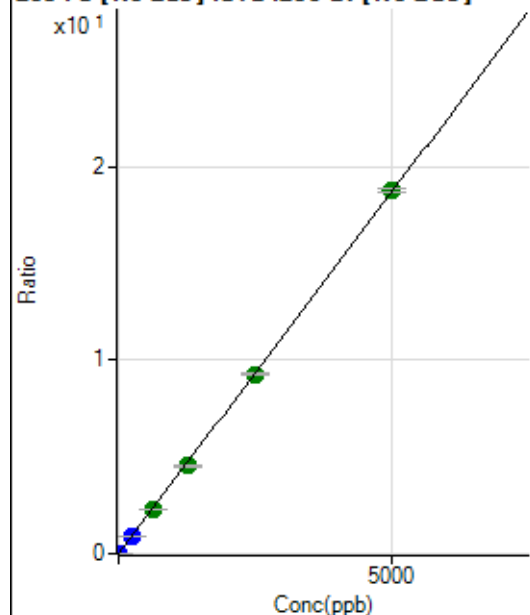
$$DL = 0.02072$$

$$BEC = 0.1522$$

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	4559.66	0.0006	P	3.8
2	☐	1.000	0.977	33098.22	0.0042	P	0.8
3	☐	250.000	233.844	6924375.44	0.8738	P	1.3
4	☐	625.000	607.257	17786633.87	2.2682	A	0.8
5	☐	1250.000	1221.085	35881232.58	4.5604	A	1.9
6	☐	2500.000	2483.097	71983131.70	9.2731	A	0.8
7	☐	5000.000	5018.706	143280299.0	18.7418	A	1.2
8	☐			66444.82	0.0109	P	0.4

$$y = 0.0037 * x + 5.8784E-004$$

$$R = 1.0000$$

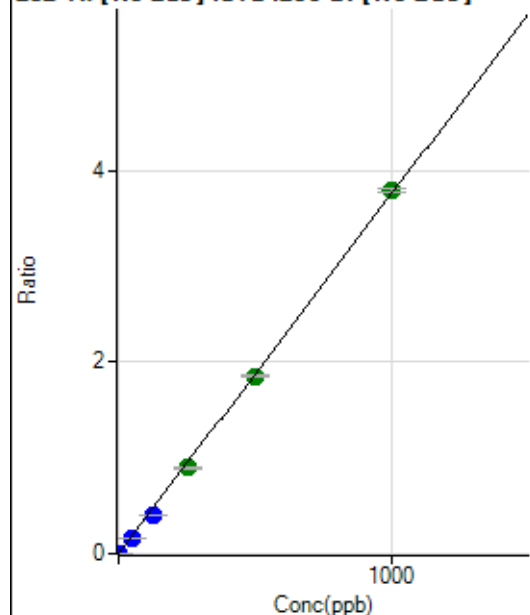
$$DL = 0.01778$$

$$BEC = 0.1574$$

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	275.93	0.0000	P	7.3
2	☐	1.000	-0.001	240.75	0.0000	P	22.3
3	☐	50.000	43.232	1285363.78	0.1622	P	0.9
4	☐	125.000	108.822	3201207.81	0.4082	P	1.2
5	☐	250.000	238.685	7044694.60	0.8953	A	1.6
6	☐	500.000	493.327	14365060.04	1.8505	A	0.7
7	☐	1000.000	1008.527	28921176.80	3.7830	A	1.2
8	☐			2787.41	0.0005	P	9.0

$$y = 0.0038 * x + 3.5582E-005$$

$$R = 0.9998$$

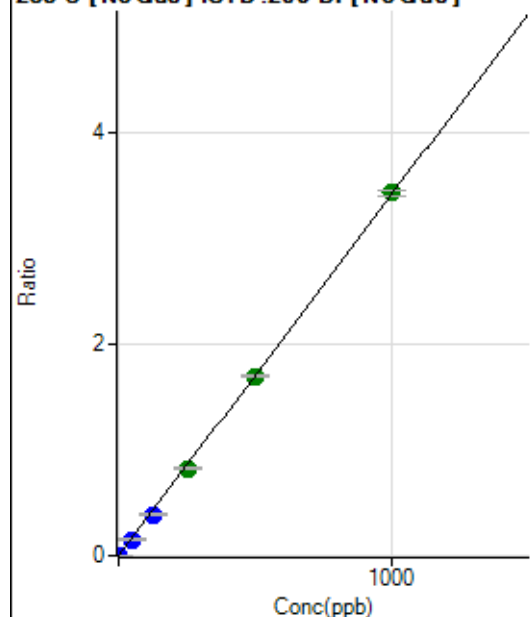
$$DL = 0.002075$$

$$BEC = 0.009486$$

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	33.33	0.0000	P	26.1
2	☐	1.000	0.914	24397.06	0.0031	P	0.4
3	☐	50.000	44.986	1217031.25	0.1536	P	1.6
4	☐	125.000	114.261	3058539.82	0.3901	P	2.0
5	☐	250.000	241.929	6498249.84	0.8259	A	1.9
6	☐	500.000	497.174	13175183.72	1.6973	A	1.6
7	☐	1000.000	1005.024	26229428.54	3.4310	A	1.6
8	☐			2555.90	0.0004	P	9.5

$$y = 0.0034 * x + 4.3057E-006$$

$$R = 0.9999$$

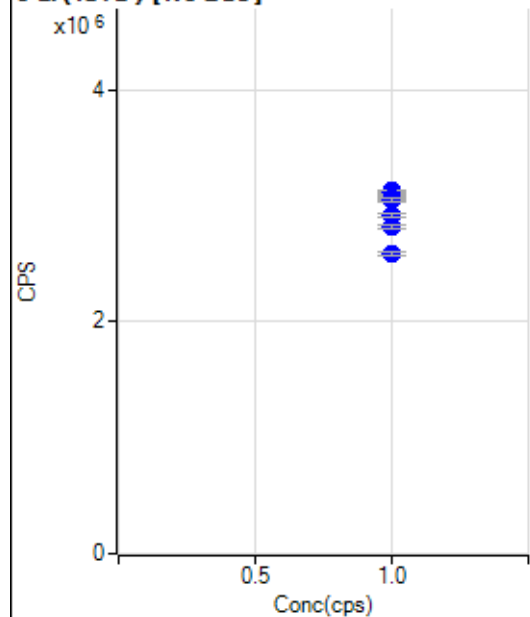
$$DL = 0.0009879$$

$$BEC = 0.001261$$

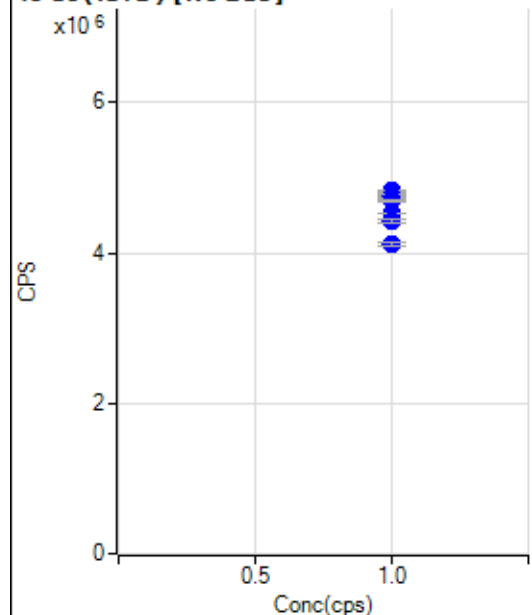
Weight: <None>

Min Conc: 0

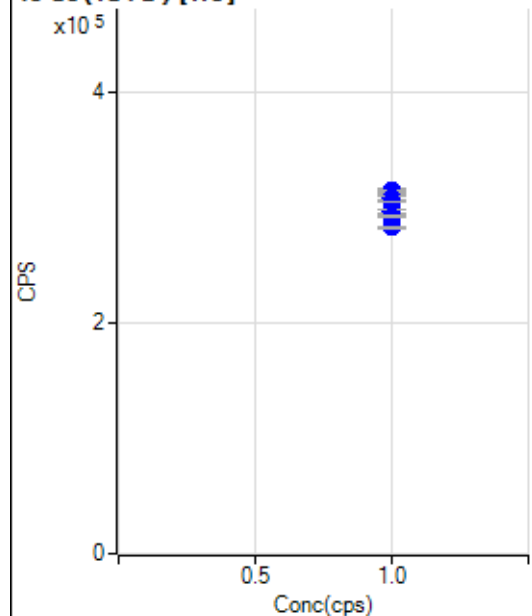
6 Li (ISTD) [No Gas]



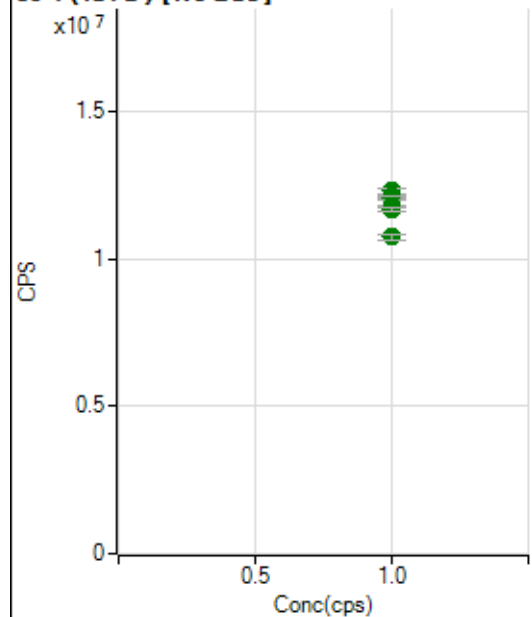
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		3128480.26		P	0.6
2	☐	1.000		3115039.50		P	0.3
3	☐	1.000		3121438.08		P	1.0
4	☐	1.000		3068374.92		P	0.7
5	☐	1.000		3045358.01		P	0.9
6	☐	1.000		2913709.33		P	1.3
7	☐	1.000		2822835.27		P	1.1
8	☐	1.000		2586170.43		P	1.8

45 Sc (ISTD) [No Gas]

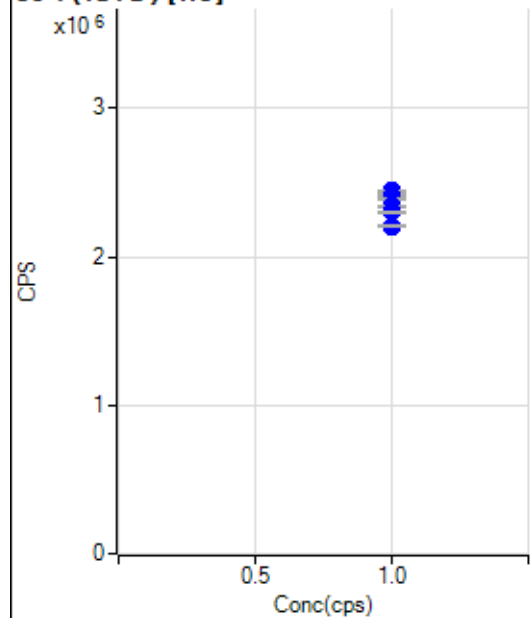
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4748713.96		P	0.3
2	☐	1.000		4755559.20		P	1.0
3	☐	1.000		4825841.74		P	0.7
4	☐	1.000		4754496.98		P	0.7
5	☐	1.000		4693877.29		P	0.9
6	☐	1.000		4525545.14		P	0.0
7	☐	1.000		4421925.39		P	0.9
8	☐	1.000		4116959.03		P	1.5

45 Sc (ISTD) [He]

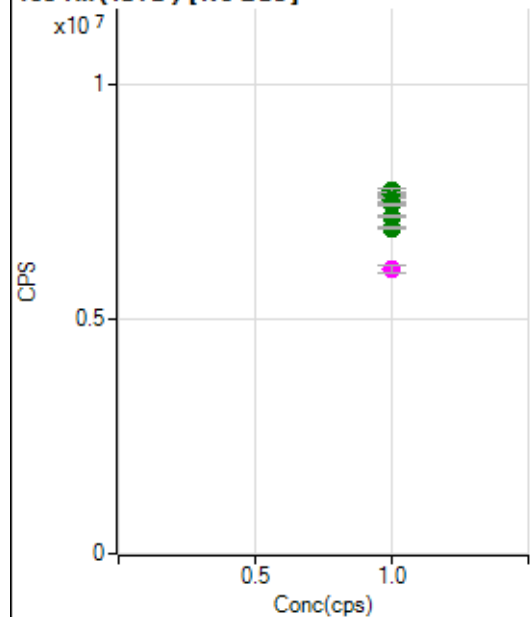
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		310783.88		P	0.8
2	☐	1.000		313799.43		P	1.5
3	☐	1.000		313471.07		P	0.8
4	☐	1.000		307680.00		P	0.7
5	☐	1.000		304579.39		P	0.3
6	☐	1.000		296036.97		P	0.9
7	☐	1.000		291505.87		P	0.8
8	☐	1.000		282375.23		P	0.7

89 Y (ISTD) [No Gas]

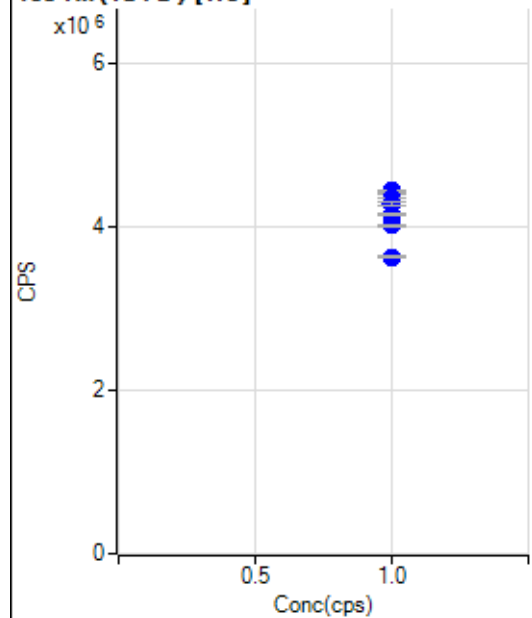
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12119129.40		A	0.5
2	☐	1.000		12067962.74		A	0.4
3	☐	1.000		12296348.71		A	1.8
4	☐	1.000		12106337.74		A	1.1
5	☐	1.000		12062604.96		A	0.9
6	☐	1.000		11771168.71		A	0.9
7	☐	1.000		11664667.61		A	1.6
8	☐	1.000		10727052.90		A	1.8

89 Y (ISTD) [He]

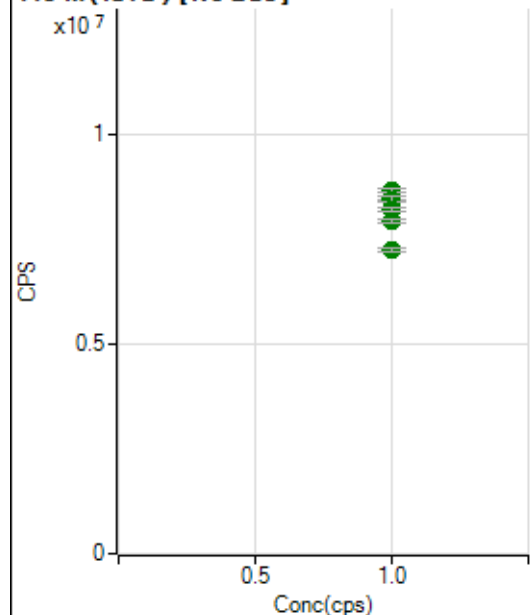
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2418111.35		P	0.3
2	☐	1.000		2442213.80		P	0.9
3	☐	1.000		2443898.96		P	0.3
4	☐	1.000		2403040.33		P	0.7
5	☐	1.000		2394491.44		P	0.5
6	☐	1.000		2338479.13		P	0.6
7	☐	1.000		2302657.47		P	0.4
8	☐	1.000		2207790.50		P	0.8

103 Rh (ISTD) [No Gas]

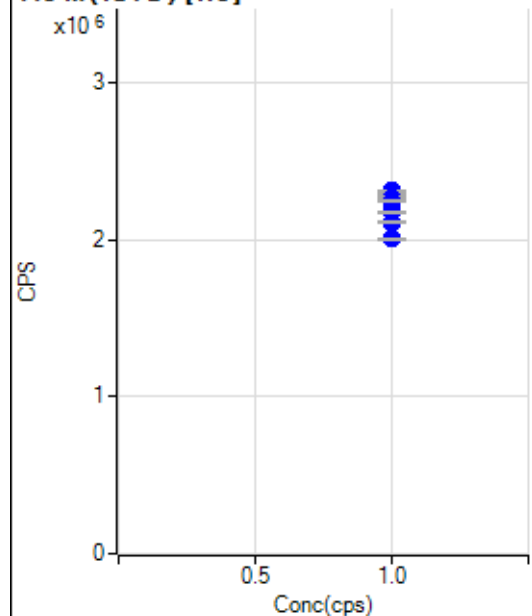
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7650272.80		A	0.5
2	☐	1.000		7668404.26		A	1.2
3	☐	1.000		7735316.76		A	1.1
4	☐	1.000		7553675.65		A	1.2
5	☐	1.000		7452473.43		A	0.8
6	☐	1.000		7183335.52		A	0.5
7	☐	1.000		6936526.49		A	0.7
8	☐	1.000		6073953.66		M	2.3

103 Rh (ISTD) [He]

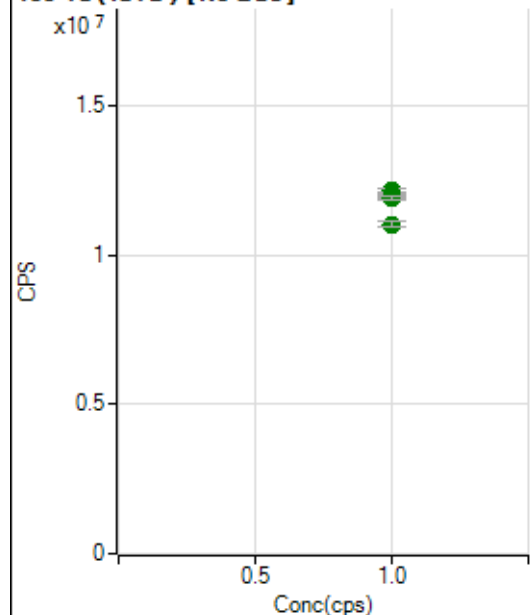
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4406761.98		P	0.3
2	☐	1.000		4442562.15		P	0.6
3	☐	1.000		4434803.65		P	0.4
4	☐	1.000		4355076.92		P	0.4
5	☐	1.000		4279265.53		P	0.9
6	☐	1.000		4149884.63		P	0.5
7	☐	1.000		4020759.80		P	0.4
8	☐	1.000		3635000.68		P	0.8

115 In (ISTD) [No Gas]

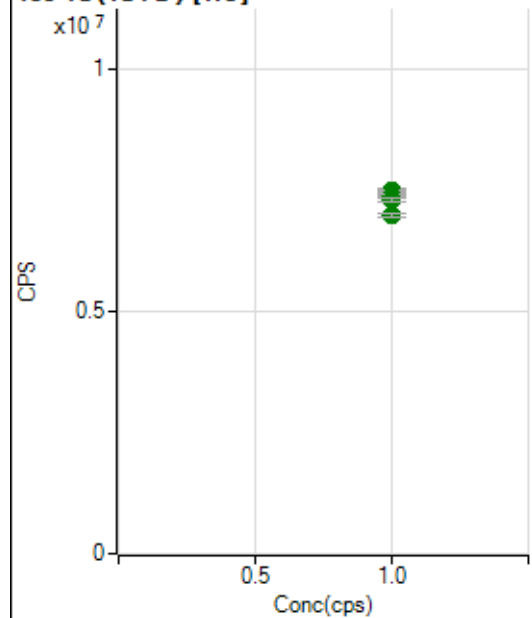
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8535365.07		A	0.1
2	☐	1.000		8498723.00		A	0.9
3	☐	1.000		8655478.08		A	1.0
4	☐	1.000		8419058.64		A	1.0
5	☐	1.000		8463567.70		A	1.3
6	☐	1.000		8200823.47		A	1.1
7	☐	1.000		7933359.00		A	1.4
8	☐	1.000		7267656.46		A	1.3

115 In (ISTD) [He]

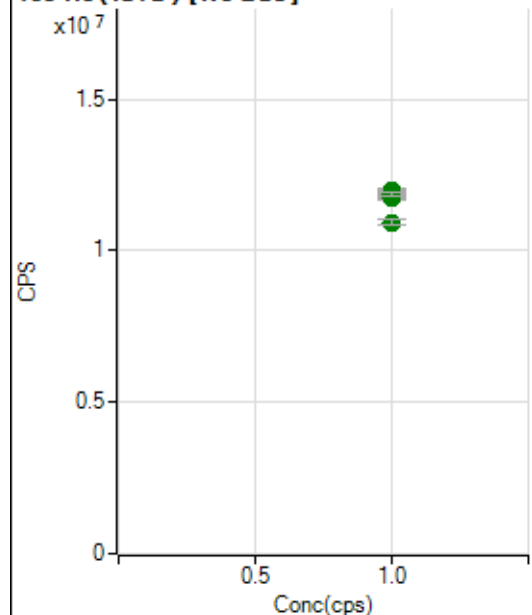
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2287852.92		P	0.3
2	☐	1.000		2304795.46		P	0.8
3	☐	1.000		2309676.57		P	0.4
4	☐	1.000		2269910.97		P	0.5
5	☐	1.000		2243451.59		P	0.3
6	☐	1.000		2175947.23		P	0.5
7	☐	1.000		2107817.96		P	0.7
8	☐	1.000		2004188.60		P	0.8

159 Tb (ISTD) [No Gas]

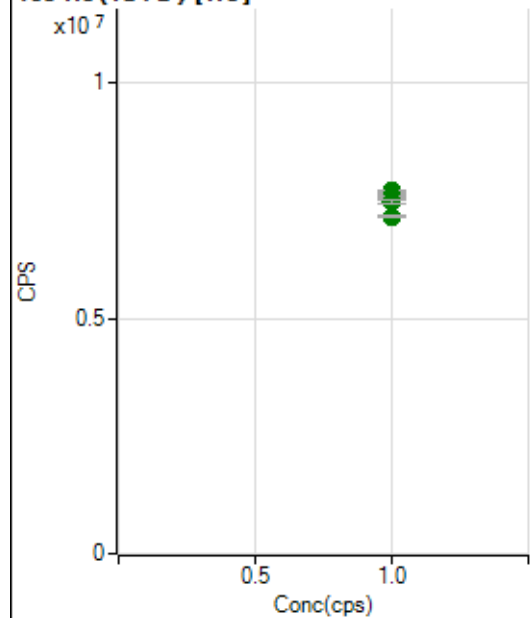
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11980364.13		A	0.1
2	☐	1.000		11976276.91		A	0.6
3	☐	1.000		12144368.85		A	0.9
4	☐	1.000		12043692.88		A	0.6
5	☐	1.000		12062638.71		A	0.9
6	☐	1.000		12010695.10		A	0.0
7	☐	1.000		11924421.49		A	0.9
8	☐	1.000		11033052.20		A	1.9

159 Tb (ISTD) [He]

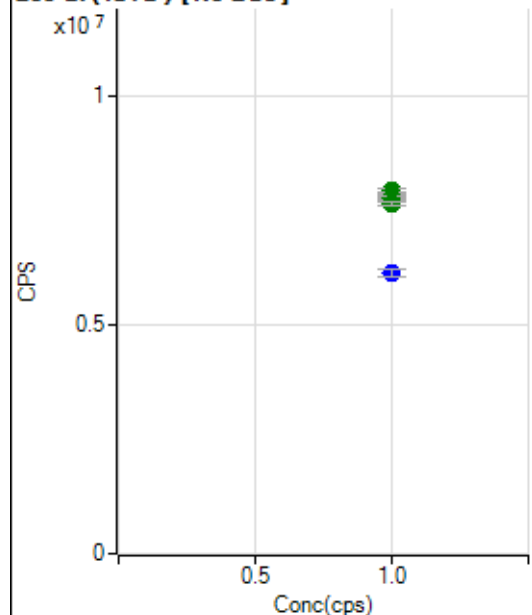
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7424057.04		A	0.9
2	☐	1.000		7477701.63		A	0.8
3	☐	1.000		7471338.29		A	1.1
4	☐	1.000		7439728.36		A	0.5
5	☐	1.000		7424881.91		A	1.3
6	☐	1.000		7371196.21		A	0.7
7	☐	1.000		7297504.89		A	0.7
8	☐	1.000		6987781.15		A	1.0

165 Ho (ISTD) [No Gas]

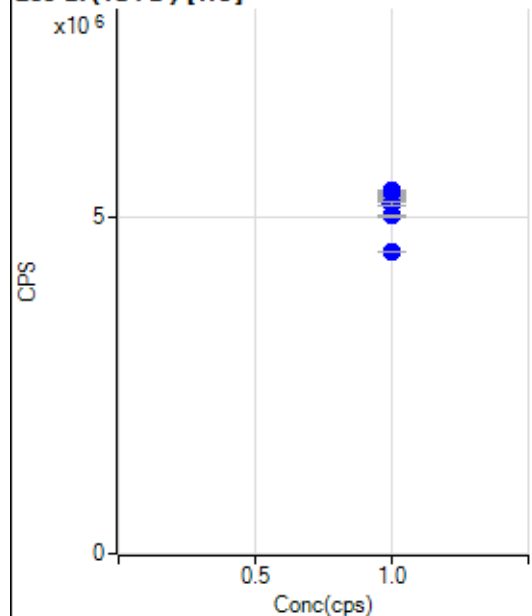
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11821735.10		A	0.9
2	☐	1.000		11759093.99		A	1.2
3	☐	1.000		11971029.82		A	1.8
4	☐	1.000		11932764.41		A	0.2
5	☐	1.000		11888690.66		A	1.3
6	☐	1.000		11801254.82		A	0.1
7	☐	1.000		11852635.94		A	0.9
8	☐	1.000		10944589.42		A	1.5

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7616577.53		A	0.8
2	☐	1.000		7620220.23		A	0.7
3	☐	1.000		7686268.77		A	0.2
4	☐	1.000		7705773.01		A	0.5
5	☐	1.000		7600626.97		A	0.2
6	☐	1.000		7563024.61		A	0.4
7	☐	1.000		7469536.28		A	0.8
8	☐	1.000		7166158.50		A	1.0

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7756145.44		A	1.2
2	☐	1.000		7810262.04		A	0.9
3	☐	1.000		7924635.99		A	1.0
4	☐	1.000		7841999.19		A	1.3
5	☐	1.000		7868620.65		A	0.7
6	☐	1.000		7762691.34		A	1.4
7	☐	1.000		7645524.75		A	1.0
8	☐	1.000		6119231.19		P	2.7

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5336248.91		P	0.7
2	☐	1.000		5365724.92		P	0.8
3	☐	1.000		5399733.36		P	0.6
4	☐	1.000		5338374.09		P	0.9
5	☐	1.000		5283482.66		P	0.2
6	☐	1.000		5199147.70		P	1.3
7	☐	1.000		5023336.28		P	0.4
8	☐	1.000		4494517.12		P	0.1

US EPA Tune Check Sample Report

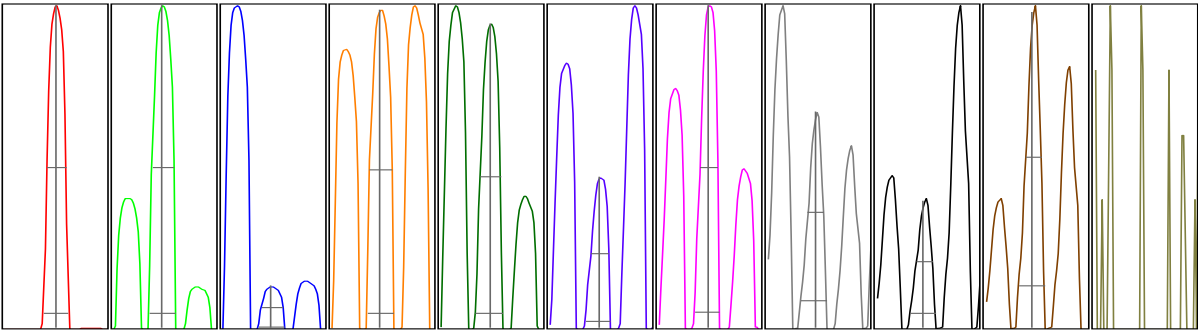
Batch Folder C:\Agilent\ICPMH\1\DATA\P7080321-6020.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	7573	0.49	5.00	
24	91319	0.37	5.00	
25	11997	0.33	5.00	
26	13771	0.67	5.00	
59	16613	0.10	5.00	
113	10678	0.26	5.00	
115	30476	0.35	5.00	
206	15688	1.39	5.00	
207	13893	0.48	5.00	
208	32204	0.81	5.00	
220	0	149.07		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	7529	7559	7583	7563	7630
24	91151	91546	90806	91480	91613
25	11972	12039	11942	12020	12012
26	13648	13796	13713	13810	13887
59	16616	16626	16617	16585	16619
113	10651	10684	10677	10719	10656
115	30460	30611	30383	30556	30370
206	15311	15841	15778	15690	15818
207	13991	13817	13889	13854	13916
208	32644	31985	32144	32049	32199
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	13585	9.05	8.9 - 9.1		0.735	0.900	
24	148445	23.95	23.9 - 24.1		0.783	0.900	
25	19480	24.95	24.9 - 25.1		0.777	0.900	
26	22210	25.95	25.9 - 26.1		0.786	0.900	
59	29133	59.00	58.9 - 59.1		0.794	0.900	
113	20013	113.00	112.9 - 113.1		0.733	0.900	
115	57466	115.00	114.9 - 115.1		0.727	0.900	
206	32845	205.95	205.9 - 206.1		0.743	0.900	
207	27206	206.90	206.9 - 207.1		0.726	0.900	
208	67807	207.90	207.9 - 208.1		0.737	0.900	
220	0	219.80	-		0.175		

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.5	V	Deflect	13.4	V
Extract 2	-120.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-70	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	140	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	5328	0.48	
89	23511	0.56	
205	16685	0.32	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	5352	5334	5304	5299	5353
89	23642	23565	23290	23528	23529
205	16746	16659	16678	16614	16728

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	10.0	V	Deflect	2.4	V
Extract 2	-145.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-90	V	Cell Exit	-60	V			

Cell Parameters

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

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 15:21:37	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.39	0.54	-0.15	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.02	0.02	0.00	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.00	-0.01	0.01	0.00	N/A	ppb
Beryllium	9-1	-0.01	-0.02	0.03	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.04	0.26	-0.22	0.00	N/A	ppb
Boron	11-1	0.03	-0.08	0.06	0.00	N/A	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.05	-0.05	0.00	0.00	N/A	ppb
Cadmium	106-1	0.58	-0.57	-0.01	0.00	N/A	ppb
Cadmium	108-1	-0.07	-0.05	0.12	0.00	N/A	ppb
Calcium	43-1	0.55	0.13	-0.67	0.00	N/A	ppb
Calcium	44-1	0.12	0.35	-0.48	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	-0.01	0.02	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	-0.01	0.01	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	0.01	-0.06	0.05	0.00	N/A	ppb
Iron	57-2	0.68	-0.24	-0.44	0.00	N/A	ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 15:21:37	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	-0.89	-0.42	1.31	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	-0.02	0.02	0.00	N/A	ppb
Lead	207-1	0.01	0.00	-0.01	0.00	N/A	ppb
Lead	208-1	0.00	-0.01	0.01	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.10	0.03	-0.13	0.00	N/A	ppb
Manganese	55-2	0.00	-0.01	0.01	0.00	N/A	ppb
Molybdenum	94-1	0.02	-0.02	0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.01	0.00	-0.01	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.01	0.00	-0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.01	0.03	0.00	N/A	ppb
Phosphorus	31-2	-6.01	-4.11	3.26	-2.29		ppb
Potassium	39-2	0.75	-2.24	1.50	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.14	-0.46	0.60	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.40	-0.07	-0.33	0.00	N/A	ppb
Silicon	28-1	0.07	0.26	-0.33	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	-0.20	-0.06	0.26	0.00	N/A	ppb
Strontium	86-1	0.00	0.01	-0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-165.46	55.72	0.98	-36.25		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.01	-0.01	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 15:21:37	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	0.00	0.01	-0.01	0.00	N/A	ppb
Titanium	47-1	-0.01	0.02	-0.01	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.06	0.00	-0.05	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.00	-0.02	0.02	0.00	N/A	ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 15:27:45	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.19	16.72	20.44	18.78	10.08	ppb
Antimony	121-1	2.04	2.20	2.15	2.13	3.86	ppb
Arsenic	75-2	0.83	1.05	1.14	1.01	16.14	ppb
Barium	135-1	10.29	10.66	10.66	10.53	2.04	ppb
Barium	137-1	10.42	10.84	10.32	10.53	2.62	ppb
Beryllium	9-1	1.06	1.06	1.07	1.06	0.61	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	23.28	26.05	26.61	25.31	7.04	ppb
Boron	11-1	24.40	24.55	26.07	25.01	3.69	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.04	1.24	1.26	1.18	10.63	ppb
Cadmium	106-1	1.43	3.88	2.14	2.48	50.68	ppb
Cadmium	108-1	1.05	0.62	0.86	0.84	25.32	ppb
Calcium	43-1	518.11	527.62	537.68	527.81	1.85	ppb
Calcium	44-1	532.19	525.52	537.08	531.60	1.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.11	2.12	2.26	2.17	3.90	ppb
Cobalt	59-2	1.05	1.11	1.08	1.08	2.83	ppb
Copper	63-2	2.13	2.04	1.99	2.06	3.59	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				100		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	56-2	57.21	56.00	56.74	56.65	1.08	ppb
Iron	57-2	56.19	56.12	57.48	56.59	1.35	ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 15:27:45	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	59.16	58.11	58.78	58.68	0.91	ppb
Krypton	83-1						cps
Lead	206-1	0.95	1.00	1.01	0.99	3.24	ppb
Lead	207-1	1.02	1.00	0.91	0.98	5.93	ppb
Lead	208-1	0.98	0.98	0.97	0.98	0.91	ppb
Lithium	6-1				100		%
Magnesium	24-2	528.93	524.58	522.07	525.19	0.66	ppb
Manganese	55-2	1.11	1.02	1.01	1.05	4.84	ppb
Molybdenum	94-1	5.37	5.25	5.22	5.28	1.51	ppb
Molybdenum	95-1	5.19	5.08	5.15	5.14	1.10	ppb
Molybdenum	96-1	5.11	5.36	5.18	5.22	2.46	ppb
Molybdenum	97-1	5.13	5.09	5.27	5.17	1.86	ppb
Molybdenum	98-1	5.24	5.32	5.22	5.26	1.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.20	1.07	1.21	1.16	6.57	ppb
Phosphorus	31-2	4.80	-3.59	5.65	2.29	223.12	ppb
Potassium	39-2	549.05	548.33	548.75	548.71	0.07	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	82-1	4.65	5.06	6.25	5.32	15.66	ppb
Selenium	77-2	4.82	4.73	6.38	5.31	17.43	ppb
Selenium	78-2	5.88	4.21	5.28	5.12	16.49	ppb
Silicon	28-1	7.64	8.07	6.84	7.52	8.25	ppb
Silver	107-1	1.04	1.10	1.10	1.08	3.01	ppb
Silver	109-1	1.08	1.11	1.10	1.10	1.46	ppb
Sodium	23-2	533.03	533.07	541.34	535.81	0.89	ppb
Strontium	86-1	0.11	0.12	0.12	0.12	3.57	ppb
Strontium	88-1	0.11	0.11	0.12	0.11	1.90	ppb
Sulfur	34-1	64.46	73.69	-29.39	36.25	157.33	ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	0.98	1.01	0.99	0.99	1.23	ppb
Thallium	205-1	0.96	0.98	1.00	0.98	1.65	ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 15:27:45	DataFile Name :	005CALS.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	5.08	5.27	5.30	5.22	2.35	ppb
Titanium	47-1	5.13	4.93	5.45	5.17	5.07	ppb
Uranium	238-1	0.91	0.91	0.92	0.91	0.36	ppb
Vanadium	51-2	5.34	5.33	5.34	5.34	0.13	ppb
Yttrium	89-1				100		%
Yttrium	89-2				101		%
Zinc	66-2	2.02	2.11	1.98	2.04	3.39	ppb
Zirconium	90-1	0.98	0.97	1.02	0.99	2.45	ppb
Zirconium	91-1	1.06	1.06	1.05	1.06	0.49	ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 15:30:49	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1009.26	1028.68	1016.13	1018.02	0.97	ppb
Antimony	121-1	51.11	50.02	51.54	50.89	1.54	ppb
Arsenic	75-2	51.95	50.25	51.50	51.24	1.72	ppb
Barium	135-1	255.01	252.71	258.15	255.29	1.07	ppb
Barium	137-1	259.09	256.63	257.86	257.86	0.48	ppb
Beryllium	9-1	51.86	51.01	51.61	51.49	0.85	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	45.37	49.89	52.26	49.17	7.12	ppb
Boron	11-1	47.47	50.28	51.13	49.63	3.86	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	52.85	53.09	53.99	53.31	1.12	ppb
Cadmium	106-1	54.91	54.54	55.06	54.83	0.49	ppb
Cadmium	108-1	50.09	52.66	52.95	51.90	3.03	ppb
Calcium	43-1	5333.60	5328.05	5273.32	5311.65	0.63	ppb
Calcium	44-1	5159.13	5258.87	5192.58	5203.53	0.98	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51.14	50.98	51.18	51.10	0.20	ppb
Cobalt	59-2	51.93	52.94	51.79	52.22	1.20	ppb
Copper	63-2	522.20	521.85	519.04	521.03	0.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	2632.60	2646.93	2619.58	2633.04	0.52	ppb
Iron	57-2	2694.99	2704.96	2662.77	2687.57	0.82	ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 15:30:49	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2755.21	2767.52	2752.45	2758.39	0.29	ppb
Krypton	83-1						cps
Lead	206-1	235.63	235.87	240.45	237.32	1.15	ppb
Lead	207-1	230.23	231.50	235.42	232.38	1.16	ppb
Lead	208-1	231.25	233.04	237.25	233.84	1.32	ppb
Lithium	6-1				100		%
Magnesium	24-2	5210.55	5244.18	5261.66	5238.80	0.50	ppb
Manganese	55-2	513.25	514.88	512.44	513.52	0.24	ppb
Molybdenum	94-1	247.11	255.72	255.52	252.78	1.94	ppb
Molybdenum	95-1	247.99	259.10	255.33	254.14	2.22	ppb
Molybdenum	96-1	247.56	257.02	253.82	252.80	1.90	ppb
Molybdenum	97-1	249.14	259.43	256.20	254.92	2.06	ppb
Molybdenum	98-1	249.25	258.90	257.82	255.32	2.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.25	52.54	52.56	52.45	0.33	ppb
Phosphorus	31-2	1023.05	1047.72	972.63	1014.47	3.77	ppb
Potassium	39-2	2702.76	2718.59	2695.78	2705.71	0.43	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	82-1	49.38	52.67	52.57	51.54	3.63	ppb
Selenium	77-2	53.15	47.31	55.22	51.89	7.91	ppb
Selenium	78-2	49.44	52.54	51.64	51.21	3.12	ppb
Silicon	28-1	42.65	45.77	48.36	45.59	6.27	ppb
Silver	107-1	54.21	54.46	55.19	54.62	0.94	ppb
Silver	109-1	53.36	53.36	54.60	53.77	1.33	ppb
Sodium	23-2	5187.32	5213.94	5206.56	5202.61	0.26	ppb
Strontium	86-1	49.33	51.78	50.63	50.58	2.42	ppb
Strontium	88-1	49.05	51.01	50.31	50.12	1.98	ppb
Sulfur	34-1	727.64	647.08	678.25	684.32	5.94	ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	48.91	48.96	49.57	49.15	0.75	ppb
Thallium	205-1	47.96	48.02	48.87	48.28	1.05	ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 15:30:49	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	42.78	43.35	43.57	43.23	0.94	ppb
Tin	118-1	51.83	51.04	52.38	51.75	1.30	ppb
Titanium	47-1	250.94	252.88	255.90	253.24	0.99	ppb
Uranium	238-1	44.27	44.99	45.70	44.99	1.59	ppb
Vanadium	51-2	50.54	50.08	50.46	50.36	0.48	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	523.39	533.43	527.71	528.18	0.95	ppb
Zirconium	90-1	49.65	51.05	50.47	50.39	1.40	ppb
Zirconium	91-1	49.75	50.80	50.72	50.43	1.16	ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 15:33:52	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2570.01	2560.59	2548.12	2559.57	0.43	ppb
Antimony	121-1	124.94	127.38	127.97	126.76	1.27	ppb
Arsenic	75-2	127.85	128.12	128.42	128.13	0.22	ppb
Barium	135-1	623.08	645.80	639.82	636.23	1.85	ppb
Barium	137-1	627.32	645.95	639.61	637.63	1.49	ppb
Beryllium	9-1	123.92	128.25	128.55	126.91	2.04	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	10-1	117.65	123.80	125.65	122.37	3.42	ppb
Boron	11-1	114.01	125.93	127.92	122.62	6.13	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	128.85	130.40	131.87	130.37	1.16	ppb
Cadmium	106-1	129.48	130.14	130.54	130.06	0.41	ppb
Cadmium	108-1	127.04	136.39	133.71	132.38	3.63	ppb
Calcium	43-1	12651.64	12961.39	13096.74	12903.26	1.77	ppb
Calcium	44-1	12573.32	12821.36	12819.83	12738.17	1.12	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	128.72	127.36	127.35	127.81	0.62	ppb
Cobalt	59-2	129.66	129.12	130.69	129.83	0.61	ppb
Copper	63-2	1292.91	1294.79	1299.04	1295.58	0.24	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				99		%
Indium	115-2				99		%
Iron	56-2	6611.18	6552.68	6592.38	6585.41	0.45	ppb
Iron	57-2	6722.41	6753.66	6741.73	6739.26	0.23	ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 15:33:52	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	6901.79	6835.66	6845.08	6860.84	0.52	ppb
Krypton	83-1						cps
Lead	206-1	587.07	592.61	601.05	593.58	1.19	ppb
Lead	207-1	577.83	583.73	587.95	583.17	0.87	ppb
Lead	208-1	602.56	607.14	612.07	607.26	0.78	ppb
Lithium	6-1				98		%
Magnesium	24-2	13137.88	13058.43	13069.13	13088.48	0.33	ppb
Manganese	55-2	1290.36	1276.60	1284.63	1283.87	0.54	ppb
Molybdenum	94-1	620.70	629.91	647.69	632.77	2.17	ppb
Molybdenum	95-1	622.05	631.28	647.49	633.61	2.03	ppb
Molybdenum	96-1	621.82	629.98	645.47	632.42	1.90	ppb
Molybdenum	97-1	623.29	636.65	646.06	635.33	1.80	ppb
Molybdenum	98-1	618.82	635.33	647.68	633.94	2.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	132.09	130.70	131.05	131.28	0.55	ppb
Phosphorus	31-2	2501.43	2483.23	2443.30	2475.99	1.20	ppb
Potassium	39-2	6796.46	6706.38	6733.62	6745.49	0.68	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	126.42	124.84	129.11	126.79	1.70	ppb
Selenium	77-2	139.67	134.10	130.42	134.73	3.46	ppb
Selenium	78-2	130.21	125.54	129.44	128.39	1.95	ppb
Silicon	28-1	107.14	115.80	124.85	115.93	7.64	ppb
Silver	107-1	130.83	136.28	134.52	133.88	2.08	ppb
Silver	109-1	131.79	136.58	132.26	133.54	1.98	ppb
Sodium	23-2	12977.55	12840.97	12906.16	12908.22	0.53	ppb
Strontium	86-1	124.51	124.92	127.37	125.60	1.23	ppb
Strontium	88-1	123.95	126.25	125.96	125.39	1.00	ppb
Sulfur	34-1	2053.12	1740.10	2004.09	1932.44	8.71	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	118.80	121.69	125.31	121.93	2.68	ppb
Thallium	205-1	116.63	120.00	123.24	119.96	2.76	ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 15:33:52	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	107.30	109.76	109.40	108.82	1.22	ppb
Tin	118-1	125.08	128.84	129.30	127.74	1.81	ppb
Titanium	47-1	620.47	621.51	632.58	624.85	1.07	ppb
Uranium	238-1	111.96	114.23	116.59	114.26	2.03	ppb
Vanadium	51-2	126.26	125.85	125.55	125.89	0.28	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	1319.18	1315.12	1313.46	1315.92	0.22	ppb
Zirconium	90-1	123.92	125.77	127.39	125.69	1.38	ppb
Zirconium	91-1	123.65	125.54	128.38	125.86	1.90	ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 15:36:55	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5032.84	5049.22	5066.95	5049.67	0.34	ppb
Antimony	121-1	247.85	253.52	257.17	252.85	1.86	ppb
Arsenic	75-2	255.26	249.61	251.90	252.26	1.13	ppb
Barium	135-1	1239.19	1262.49	1284.64	1262.11	1.80	ppb
Barium	137-1	1241.31	1274.26	1270.56	1262.04	1.43	ppb
Beryllium	9-1	247.65	250.63	253.97	250.75	1.26	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Boron	10-1	232.35	252.12	253.28	245.92	4.78	ppb
Boron	11-1	232.36	244.14	253.98	243.49	4.45	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	254.35	262.37	264.11	260.28	2.00	ppb
Cadmium	106-1	251.40	265.73	263.44	260.19	2.96	ppb
Cadmium	108-1	253.98	257.45	262.56	258.00	1.67	ppb
Calcium	43-1	25345.35	26214.58	26275.67	25945.20	2.01	ppb
Calcium	44-1	23318.07	23941.97	24205.22	23821.75	1.91	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	251.96	253.67	254.25	253.29	0.47	ppb
Cobalt	59-2	255.18	257.01	257.03	256.41	0.42	ppb
Copper	63-2	2545.13	2567.45	2592.22	2568.27	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				101		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	12960.37	13015.87	12931.66	12969.30	0.33	ppb
Iron	57-2	13272.26	13425.25	13322.94	13340.15	0.58	ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 15:36:55	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	13518.65	13550.85	13552.37	13540.62	0.14	ppb
Krypton	83-1						cps
Lead	206-1	1195.15	1243.42	1247.98	1228.85	2.38	ppb
Lead	207-1	1193.53	1239.86	1241.74	1225.04	2.23	ppb
Lead	208-1	1194.37	1230.82	1238.07	1221.08	1.92	ppb
Lithium	6-1				97		%
Magnesium	24-2	25503.52	25633.21	25204.14	25446.96	0.86	ppb
Manganese	55-2	2520.05	2527.08	2543.83	2530.32	0.48	ppb
Molybdenum	94-1	1226.71	1256.89	1277.84	1253.81	2.05	ppb
Molybdenum	95-1	1228.70	1256.86	1275.92	1253.82	1.89	ppb
Molybdenum	96-1	1231.96	1256.53	1266.77	1251.75	1.43	ppb
Molybdenum	97-1	1243.09	1264.39	1282.16	1263.21	1.55	ppb
Molybdenum	98-1	1232.41	1255.29	1263.48	1250.39	1.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	258.58	259.51	256.75	258.28	0.54	ppb
Phosphorus	31-2	5186.48	5121.50	5131.89	5146.63	0.68	ppb
Potassium	39-2	13476.06	13421.84	13468.97	13455.63	0.22	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	248.01	253.80	259.17	253.66	2.20	ppb
Selenium	77-2	238.01	241.24	230.33	236.52	2.37	ppb
Selenium	78-2	257.15	255.49	262.85	258.50	1.49	ppb
Silicon	28-1	221.43	248.11	261.02	243.52	8.29	ppb
Silver	107-1	257.64	262.83	265.18	261.88	1.47	ppb
Silver	109-1	256.45	263.20	263.66	261.10	1.55	ppb
Sodium	23-2	25479.92	25396.10	25166.81	25347.61	0.64	ppb
Strontium	86-1	242.49	249.92	250.77	247.73	1.84	ppb
Strontium	88-1	245.22	251.77	251.23	249.41	1.46	ppb
Sulfur	34-1	4471.65	4518.78	4566.74	4519.06	1.05	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	235.80	245.68	246.11	242.53	2.40	ppb
Thallium	205-1	230.78	240.34	241.20	237.44	2.43	ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 15:36:55	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	234.95	238.66	242.45	238.69	1.57	ppb
Tin	118-1	248.50	259.73	255.73	254.65	2.24	ppb
Titanium	47-1	1221.20	1243.48	1247.08	1237.26	1.13	ppb
Uranium	238-1	236.77	244.84	244.17	241.93	1.85	ppb
Vanadium	51-2	249.78	251.10	251.00	250.62	0.29	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	2583.32	2587.71	2590.28	2587.10	0.14	ppb
Zirconium	90-1	246.34	250.81	255.08	250.74	1.74	ppb
Zirconium	91-1	246.60	253.40	254.23	251.41	1.67	ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 15:39:53	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10144.32	10076.28	9972.68	10064.43	0.86	ppb
Antimony	121-1	489.32	496.27	503.58	496.39	1.44	ppb
Arsenic	75-2	499.00	503.81	502.90	501.91	0.51	ppb
Barium	135-1	2460.22	2495.63	2524.19	2493.35	1.29	ppb
Barium	137-1	2478.03	2518.29	2509.91	2502.08	0.85	ppb
Beryllium	9-1	498.73	507.84	499.16	501.91	1.02	ppb
Bismuth	209-1				100		%
Bismuth	209-2				97		%
Boron	10-1	473.36	503.96	509.19	495.50	3.91	ppb
Boron	11-1	473.09	501.02	513.28	495.80	4.15	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	502.58	505.25	513.89	507.24	1.17	ppb
Cadmium	106-1	497.45	506.63	510.46	504.85	1.32	ppb
Cadmium	108-1	505.22	512.09	511.31	509.54	0.74	ppb
Calcium	43-1	51793.90	52189.87	52655.74	52213.17	0.83	ppb
Calcium	44-1	48686.71	48230.91	48669.63	48529.08	0.53	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	506.88	505.34	501.58	504.60	0.54	ppb
Cobalt	59-2	507.81	509.47	505.86	507.71	0.36	ppb
Copper	63-2	5098.95	5062.70	5003.24	5054.96	0.96	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				99		%
Indium	115-1				96		%
Indium	115-2				95		%
Iron	56-2	25958.53	25970.49	25591.80	25840.27	0.83	ppb
Iron	57-2	26473.69	26795.17	26281.17	26516.68	0.98	ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 15:39:53	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	27085.18	27179.09	26959.65	27074.64	0.41	ppb
Krypton	83-1						cps
Lead	206-1	2458.68	2493.02	2465.58	2472.43	0.73	ppb
Lead	207-1	2485.21	2485.79	2477.14	2482.71	0.19	ppb
Lead	208-1	2466.22	2504.86	2478.21	2483.10	0.80	ppb
Lithium	6-1				93		%
Magnesium	24-2	51603.89	51010.34	50217.22	50943.82	1.37	ppb
Manganese	55-2	5075.56	5060.70	5019.87	5052.04	0.57	ppb
Molybdenum	94-1	2496.58	2516.78	2488.80	2500.72	0.58	ppb
Molybdenum	95-1	2487.26	2512.80	2487.89	2495.98	0.58	ppb
Molybdenum	96-1	2479.42	2497.57	2500.30	2492.43	0.46	ppb
Molybdenum	97-1	2504.24	2534.31	2498.92	2512.49	0.76	ppb
Molybdenum	98-1	2481.32	2505.48	2480.62	2489.14	0.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	508.30	510.91	504.39	507.87	0.65	ppb
Phosphorus	31-2	10136.90	10145.77	9879.15	10053.94	1.51	ppb
Potassium	39-2	25271.53	25120.60	24897.60	25096.58	0.75	ppb
Rhodium	103-1				94		%
Rhodium	103-2				94		%
Scandium	45-1				95		%
Scandium	45-2				95		%
Selenium	82-1	502.36	506.08	508.31	505.58	0.59	ppb
Selenium	77-2	516.14	502.71	491.11	503.32	2.49	ppb
Selenium	78-2	504.89	515.72	502.68	507.76	1.37	ppb
Silicon	28-1	478.55	514.03	538.04	510.21	5.87	ppb
Silver	107-1	501.02	508.25	511.78	507.02	1.08	ppb
Silver	109-1	502.14	505.55	511.84	506.51	0.97	ppb
Sodium	23-2	51012.31	51347.12	50936.13	51098.52	0.43	ppb
Strontium	86-1	498.87	504.37	493.74	498.99	1.06	ppb
Strontium	88-1	494.97	499.25	494.60	496.27	0.52	ppb
Sulfur	34-1	9720.87	9587.09	9669.93	9659.30	0.70	ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	481.74	490.46	487.20	486.47	0.91	ppb
Thallium	205-1	496.92	497.82	493.59	496.11	0.45	ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 15:39:53	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	489.51	496.26	494.21	493.33	0.70	ppb
Tin	118-1	489.80	497.56	504.90	497.42	1.52	ppb
Titanium	47-1	2476.42	2482.62	2508.34	2489.12	0.68	ppb
Uranium	238-1	490.12	505.47	495.93	497.17	1.56	ppb
Vanadium	51-2	504.71	504.66	498.47	502.61	0.71	ppb
Yttrium	89-1				97		%
Yttrium	89-2				97		%
Zinc	66-2	5107.34	5138.20	5058.06	5101.20	0.79	ppb
Zirconium	90-1	503.06	503.10	502.66	502.94	0.05	ppb
Zirconium	91-1	500.10	504.19	500.06	501.45	0.47	ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 15:42:46	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19714.64	19792.09	19871.90	19792.88	0.40	ppb
Antimony	121-1	974.38	1027.90	1000.21	1000.83	2.67	ppb
Arsenic	75-2	1002.06	1003.00	989.03	998.03	0.78	ppb
Barium	135-1	4910.43	5112.47	4972.98	4998.63	2.07	ppb
Barium	137-1	4933.89	5021.59	5026.45	4993.98	1.04	ppb
Beryllium	9-1	999.59	992.87	1003.18	998.55	0.52	ppb
Bismuth	209-1				99		%
Bismuth	209-2				94		%
Boron	10-1	972.19	992.79	1045.92	1003.63	3.79	ppb
Boron	11-1	967.52	1007.43	1037.19	1004.05	3.48	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	968.90	1013.69	996.34	992.98	2.27	ppb
Cadmium	106-1	975.31	1003.60	1003.55	994.15	1.64	ppb
Cadmium	108-1	977.16	1009.40	990.08	992.21	1.64	ppb
Calcium	43-1	103936.82	104469.05	104967.89	104457.92	0.49	ppb
Calcium	44-1	97251.33	97612.81	97611.91	97492.02	0.21	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	996.91	994.19	998.31	996.47	0.21	ppb
Cobalt	59-2	992.51	995.68	993.29	993.83	0.17	ppb
Copper	63-2	9931.53	9897.25	10017.33	9948.70	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				100		%
Holmium	165-2				98		%
Indium	115-1				93		%
Indium	115-2				92		%
Iron	56-2	51804.20	51334.40	51315.78	51484.79	0.54	ppb
Iron	57-2	52272.64	52209.87	52394.16	52292.22	0.18	ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 15:42:46	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	51933.68	51817.92	51156.34	51635.98	0.81	ppb
Krypton	83-1						cps
Lead	206-1	5089.57	5006.24	4975.10	5023.64	1.18	ppb
Lead	207-1	5094.76	4927.38	5040.84	5020.99	1.70	ppb
Lead	208-1	5076.83	4956.73	5022.56	5018.71	1.20	ppb
Lithium	6-1				90		%
Magnesium	24-2	99788.79	100496.70	100878.08	100387.86	0.55	ppb
Manganese	55-2	9995.09	9947.18	9942.20	9961.49	0.29	ppb
Molybdenum	94-1	5021.71	4903.81	5067.21	4997.58	1.69	ppb
Molybdenum	95-1	4995.32	4940.86	5063.14	4999.77	1.23	ppb
Molybdenum	96-1	5024.32	4967.48	5015.04	5002.28	0.61	ppb
Molybdenum	97-1	4991.51	4959.48	5015.75	4988.92	0.57	ppb
Molybdenum	98-1	5030.83	4921.35	5059.66	5003.95	1.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	986.77	989.60	1002.90	993.09	0.87	ppb
Phosphorus	31-2	19859.52	20073.34	19883.09	19938.65	0.59	ppb
Potassium	39-2	49795.14	49239.98	49732.78	49589.30	0.61	ppb
Rhodium	103-1				91		%
Rhodium	103-2				91		%
Scandium	45-1				93		%
Scandium	45-2				94		%
Selenium	82-1	992.65	981.92	1013.40	995.99	1.61	ppb
Selenium	77-2	965.40	992.52	1043.27	1000.40	3.95	ppb
Selenium	78-2	995.39	992.62	992.52	993.51	0.16	ppb
Silicon	28-1	941.80	1011.48	1040.41	997.90	5.08	ppb
Silver	107-1	968.75	1007.20	1000.59	992.18	2.07	ppb
Silver	109-1	969.57	1016.31	992.26	992.71	2.35	ppb
Sodium	23-2	100534.68	100904.72	100048.45	100495.95	0.43	ppb
Strontium	86-1	1009.16	990.37	1003.37	1000.97	0.96	ppb
Strontium	88-1	1007.14	984.02	1014.72	1001.96	1.60	ppb
Sulfur	34-1	20394.72	20341.11	20396.13	20377.32	0.15	ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	1012.11	1002.56	1012.51	1009.06	0.56	ppb
Thallium	205-1	1007.92	1003.97	1005.51	1005.80	0.20	ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 15:42:46	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	1019.52	995.89	1010.17	1008.53	1.18	ppb
Tin	118-1	970.44	1026.81	1001.84	999.70	2.83	ppb
Titanium	47-1	4980.75	5033.35	5011.35	5008.48	0.53	ppb
Uranium	238-1	1020.62	989.09	1005.35	1005.02	1.57	ppb
Vanadium	51-2	1000.17	996.02	999.04	998.41	0.21	ppb
Yttrium	89-1				96		%
Yttrium	89-2				95		%
Zinc	66-2	9806.24	9958.59	9989.09	9917.98	0.99	ppb
Zirconium	90-1	1005.31	984.64	1004.76	998.24	1.18	ppb
Zirconium	91-1	1000.42	984.09	1011.87	998.79	1.40	ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 15:45:38	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	98962.99	100701.76	100427.74	100030.83	0.93	ppb
Antimony	121-1	1.16	1.02	1.03	1.07	7.26	ppb
Arsenic	75-2	0.39	0.38	0.34	0.37	6.92	ppb
Barium	135-1	1.63	1.34	1.56	1.51	10.02	ppb
Barium	137-1	1.65	1.45	1.53	1.54	6.56	ppb
Beryllium	9-1	0.16	0.14	0.10	0.13	21.45	ppb
Bismuth	209-1				79		%
Bismuth	209-2				84		%
Boron	10-1	47.44	41.67	40.28	43.13	8.81	ppb
Boron	11-1	46.75	41.32	37.64	41.90	10.93	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.05	0.11	0.23	0.13	68.34	ppb
Cadmium	106-1	-1.11	-0.05	1.38	0.07	1725.66	ppb
Cadmium	108-1	0.69	0.72	0.69	0.70	2.35	ppb
Calcium	43-1	505110.80	498937.95	492431.09	498826.61	1.27	ppb
Calcium	44-1	507346.68	500151.72	494600.34	500699.58	1.28	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.24	2.16	2.20	2.20	1.84	ppb
Cobalt	59-2	1.38	1.45	1.44	1.42	2.83	ppb
Copper	63-2	1.96	2.00	1.97	1.98	1.16	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				93		%
Holmium	165-2				94		%
Indium	115-1				85		%
Indium	115-2				88		%
Iron	56-2	245190.34	253375.16	250191.99	249585.83	1.65	ppb
Iron	57-2	247321.68	251548.80	249130.83	249333.77	0.85	ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 15:45:38	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	249266.51	252563.76	246356.09	249395.45	1.25	ppb
Krypton	83-1						cps
Lead	206-1	2.74	2.82	2.86	2.81	2.29	ppb
Lead	207-1	2.77	2.75	2.83	2.78	1.55	ppb
Lead	208-1	2.76	2.74	2.75	2.75	0.38	ppb
Lithium	6-1				83		%
Magnesium	24-2	495826.99	502751.94	500786.80	499788.57	0.71	ppb
Manganese	55-2	5.00	5.11	4.85	4.99	2.57	ppb
Molybdenum	94-1	1.58	1.35	1.31	1.41	10.29	ppb
Molybdenum	95-1	1.85	1.69	1.66	1.74	5.84	ppb
Molybdenum	96-1	2.02	1.99	1.79	1.93	6.63	ppb
Molybdenum	97-1	1.68	1.69	1.62	1.66	2.28	ppb
Molybdenum	98-1	1.81	1.56	1.42	1.60	12.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.82	1.73	1.72	1.76	3.36	ppb
Phosphorus	31-2	11.63	-7.43	8.43	4.21	242.47	ppb
Potassium	39-2	248725.75	251723.91	249580.82	250010.16	0.62	ppb
Rhodium	103-1				79		%
Rhodium	103-2				82		%
Scandium	45-1				87		%
Scandium	45-2				91		%
Selenium	82-1	-0.09	-0.35	0.17	-0.09		ppb
Selenium	77-2	0.00	1.33	0.00	0.44	173.21	ppb
Selenium	78-2	0.21	0.21	0.24	0.22	8.12	ppb
Silicon	28-1	37.75	40.33	40.91	39.66	4.25	ppb
Silver	107-1	0.29	0.27	0.24	0.27	9.79	ppb
Silver	109-1	0.27	0.26	0.23	0.26	8.07	ppb
Sodium	23-2	497160.58	503416.33	498707.02	499761.31	0.65	ppb
Strontium	86-1	0.30	0.27	0.28	0.28	6.65	ppb
Strontium	88-1	0.30	0.28	0.28	0.29	5.07	ppb
Sulfur	34-1	2.65	-243.99	-228.42	-156.59		ppb
Terbium	159-1				92		%
Terbium	159-2				94		%
Thallium	203-1	0.34	0.27	0.22	0.28	22.25	ppb
Thallium	205-1	0.36	0.28	0.23	0.29	22.55	ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 15:45:38	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.12	0.11	0.10	0.11	9.79	ppb
Tin	118-1	0.28	0.26	0.28	0.27	3.15	ppb
Titanium	47-1	0.97	0.96	1.09	1.01	7.27	ppb
Uranium	238-1	0.13	0.11	0.12	0.12	9.59	ppb
Vanadium	51-2	0.16	0.17	0.14	0.16	8.90	ppb
Yttrium	89-1				89		%
Yttrium	89-2				91		%
Zinc	66-2	10.54	11.22	10.93	10.90	3.13	ppb
Zirconium	90-1	0.20	0.19	0.16	0.18	9.85	ppb
Zirconium	91-1	0.27	0.19	0.23	0.23	19.20	ppb

LB Number : LB115682 Operator : JASWAL
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-03 16:36:38 DataFile Name : 016ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	486.90	476.01	474.11	479.01	1.44	ppb
Antimony	121-1	199.15	199.87	205.04	201.35	1.60	ppb
Arsenic	75-2	203.50	203.44	203.54	203.50	0.03	ppb
Barium	135-1	101.33	100.59	105.63	102.51	2.66	ppb
Barium	137-1	102.16	103.04	105.41	103.54	1.62	ppb
Beryllium	9-1	101.30	99.40	100.43	100.38	0.95	ppb
Bismuth	209-1				99		%
Bismuth	209-2				102		%
Boron	10-1	0.28	1.20	0.44	0.64	76.58	ppb
Boron	11-1	0.94	0.64	0.78	0.79	18.66	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	104.20	104.94	108.06	105.73	1.94	ppb
Cadmium	106-1	84.95	81.73	88.39	85.02	3.92	ppb
Cadmium	108-1	93.78	89.89	90.20	91.29	2.37	ppb
Calcium	43-1	1952.44	1904.72	2006.83	1954.66	2.61	ppb
Calcium	44-1	1937.22	1922.65	1984.79	1948.22	1.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	100.87	100.25	99.44	100.18	0.72	ppb
Cobalt	59-2	102.23	101.86	102.02	102.04	0.18	ppb
Copper	63-2	103.76	103.67	103.46	103.63	0.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				103		%
Indium	115-1				100		%
Indium	115-2				104		%
Iron	56-2	2029.73	2034.86	2032.03	2032.20	0.13	ppb
Iron	57-2	2036.33	2048.58	2040.19	2041.70	0.31	ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 16:36:38	DataFile Name :	016ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2119.30	2127.78	2097.39	2114.82	0.74	ppb
Krypton	83-1						cps
Lead	206-1	191.18	190.94	192.79	191.64	0.52	ppb
Lead	207-1	177.30	176.88	181.19	178.46	1.33	ppb
Lead	208-1	181.81	181.71	186.39	183.30	1.46	ppb
Lithium	6-1				102		%
Magnesium	24-2	1149.88	1129.92	1139.09	1139.63	0.88	ppb
Manganese	55-2	97.81	96.82	98.03	97.55	0.66	ppb
Molybdenum	94-1	0.11	0.03	0.08	0.07	58.35	ppb
Molybdenum	95-1	0.03	0.02	0.05	0.03	40.63	ppb
Molybdenum	96-1	0.07	0.08	0.07	0.07	6.74	ppb
Molybdenum	97-1	0.03	0.00	0.05	0.03	104.30	ppb
Molybdenum	98-1	0.03	0.06	0.03	0.04	31.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	103.19	103.01	105.36	103.85	1.26	ppb
Phosphorus	31-2	-0.03	-8.85	-3.17	-4.02		ppb
Potassium	39-2	2043.88	2027.85	2013.60	2028.44	0.75	ppb
Rhodium	103-1				102		%
Rhodium	103-2				104		%
Scandium	45-1				104		%
Scandium	45-2				106		%
Selenium	82-1	213.24	205.88	209.30	209.47	1.76	ppb
Selenium	77-2	215.80	207.83	208.33	210.65	2.12	ppb
Selenium	78-2	209.57	206.10	213.22	209.63	1.70	ppb
Silicon	28-1	1.36	1.17	1.60	1.38	15.55	ppb
Silver	107-1	51.55	51.57	53.43	52.18	2.06	ppb
Silver	109-1	51.98	51.55	52.99	52.17	1.42	ppb
Sodium	23-2	1983.33	1953.70	1953.28	1963.44	0.88	ppb
Strontium	86-1	0.03	0.02	0.03	0.03	18.09	ppb
Strontium	88-1	0.03	0.03	0.03	0.03	1.08	ppb
Sulfur	34-1	-727.46	-896.87	-743.10	-789.14		ppb
Terbium	159-1				99		%
Terbium	159-2				103		%
Thallium	203-1	190.39	193.49	198.02	193.97	1.98	ppb
Thallium	205-1	189.67	189.80	193.51	190.99	1.14	ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 16:36:38	DataFile Name :	016ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	-0.01	0.00		ppb
Tin	118-1	0.03	0.02	0.02	0.02	34.23	ppb
Titanium	47-1	0.03	0.01	0.06	0.03	83.26	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	33.70	ppb
Vanadium	51-2	97.88	96.79	96.46	97.04	0.77	ppb
Yttrium	89-1				101		%
Yttrium	89-2				105		%
Zinc	66-2	195.27	196.96	195.78	196.01	0.44	ppb
Zirconium	90-1	0.01	0.00	0.01	0.00	135.24	ppb
Zirconium	91-1	0.11	0.09	0.11	0.10	8.49	ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 17:02:46	DataFile Name :	017LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.10	19.41	19.23	18.58	6.90	ppb
Antimony	121-1	2.06	2.14	2.13	2.11	2.01	ppb
Arsenic	75-2	1.17	1.08	1.29	1.18	8.75	ppb
Barium	135-1	10.25	10.19	10.53	10.32	1.73	ppb
Barium	137-1	10.79	10.50	10.81	10.70	1.61	ppb
Beryllium	9-1	1.04	1.06	1.08	1.06	2.10	ppb
Bismuth	209-1				99		%
Bismuth	209-2				103		%
Boron	10-1	25.04	23.61	26.09	24.91	5.00	ppb
Boron	11-1	23.79	24.65	26.04	24.83	4.58	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.98	1.06	1.19	1.08	10.19	ppb
Cadmium	106-1	0.04	1.33	1.92	1.10	87.70	ppb
Cadmium	108-1	1.11	0.94	1.20	1.08	12.33	ppb
Calcium	43-1	533.67	510.73	507.38	517.26	2.77	ppb
Calcium	44-1	524.13	528.02	523.74	525.30	0.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.20	2.11	2.10	2.14	2.69	ppb
Cobalt	59-2	1.14	1.11	1.11	1.12	1.42	ppb
Copper	63-2	2.16	2.09	2.23	2.16	3.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				105		%
Iron	56-2	56.71	56.26	55.86	56.27	0.76	ppb
Iron	57-2	56.35	55.61	57.60	56.52	1.78	ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 17:02:46	DataFile Name :	017LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	57.51	57.94	52.78	56.07	5.10	ppb
Krypton	83-1						cps
Lead	206-1	1.06	1.06	1.07	1.07	0.52	ppb
Lead	207-1	1.07	1.07	1.04	1.06	1.82	ppb
Lead	208-1	1.03	1.06	1.08	1.06	2.51	ppb
Lithium	6-1				103		%
Magnesium	24-2	514.92	530.38	520.96	522.09	1.49	ppb
Manganese	55-2	1.09	1.13	1.03	1.09	4.71	ppb
Molybdenum	94-1	5.33	4.86	4.94	5.04	4.98	ppb
Molybdenum	95-1	5.05	5.20	5.31	5.19	2.54	ppb
Molybdenum	96-1	5.18	5.34	5.19	5.24	1.71	ppb
Molybdenum	97-1	5.30	5.19	5.53	5.34	3.19	ppb
Molybdenum	98-1	5.05	5.21	5.30	5.19	2.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.18	1.09	1.10	1.12	4.39	ppb
Phosphorus	31-2	19.64	1.67	-2.70	6.20	190.77	ppb
Potassium	39-2	550.73	539.28	545.08	545.03	1.05	ppb
Rhodium	103-1				104		%
Rhodium	103-2				106		%
Scandium	45-1				107		%
Scandium	45-2				108		%
Selenium	82-1	4.60	5.22	4.40	4.74	8.95	ppb
Selenium	77-2	7.22	7.12	6.76	7.03	3.41	ppb
Selenium	78-2	6.03	6.04	5.06	5.71	9.86	ppb
Silicon	28-1	7.31	7.20	7.45	7.32	1.74	ppb
Silver	107-1	1.11	1.10	1.18	1.13	3.89	ppb
Silver	109-1	1.05	1.06	1.05	1.05	0.61	ppb
Sodium	23-2	529.31	533.32	524.98	529.20	0.79	ppb
Strontium	86-1	0.11	0.11	0.11	0.11	3.09	ppb
Strontium	88-1	0.11	0.11	0.11	0.11	1.23	ppb
Sulfur	34-1	-624.60	-542.77	-542.75	-570.04		ppb
Terbium	159-1				100		%
Terbium	159-2				103		%
Thallium	203-1	0.96	0.95	0.92	0.94	2.29	ppb
Thallium	205-1	0.94	0.96	0.92	0.94	2.13	ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 17:02:46	DataFile Name :	017LLIC.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	5.15	5.28	5.32	5.25	1.70	ppb
Titanium	47-1	5.10	5.21	5.00	5.10	2.00	ppb
Uranium	238-1	0.91	0.90	0.93	0.91	1.63	ppb
Vanadium	51-2	5.43	5.23	5.25	5.30	2.09	ppb
Yttrium	89-1				104		%
Yttrium	89-2				107		%
Zinc	66-2	1.91	1.71	2.00	1.87	8.00	ppb
Zirconium	90-1	1.02	1.00	1.04	1.02	1.86	ppb
Zirconium	91-1	1.01	0.97	0.99	0.99	1.77	ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 17:05:51	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.82	9.92	8.83	9.19	6.87	ppb
Antimony	121-1	0.01	0.00	0.00	0.00	55.69	ppb
Arsenic	75-2	-0.01	0.00	-0.01	-0.01		ppb
Barium	135-1	0.01	-0.01	-0.01	-0.01		ppb
Barium	137-1	0.00	0.01	0.00	0.00	133.65	ppb
Beryllium	9-1	0.00	0.03	-0.01	0.00	417.40	ppb
Bismuth	209-1				102		%
Bismuth	209-2				106		%
Boron	10-1	0.84	1.10	0.64	0.86	26.61	ppb
Boron	11-1	0.97	0.98	0.66	0.87	21.13	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.08	0.14	0.17	0.13	34.39	ppb
Cadmium	106-1	0.99	1.73	2.00	1.58	33.18	ppb
Cadmium	108-1	-0.24	-0.24	-0.32	-0.27		ppb
Calcium	43-1	0.01	3.28	0.09	1.12	165.66	ppb
Calcium	44-1	0.13	-0.59	0.61	0.05	1182.79	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.04	-0.04	-0.05	-0.04		ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	614.74	ppb
Copper	63-2	0.01	0.01	0.01	0.01	22.37	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				106		%
Indium	115-1				105		%
Indium	115-2				109		%
Iron	56-2	0.12	0.13	0.12	0.12	6.45	ppb
Iron	57-2	0.83	0.88	0.29	0.66	49.41	ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 17:05:51	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	-1.11	-1.03	0.51	-0.54		ppb
Krypton	83-1						cps
Lead	206-1	0.13	0.10	0.12	0.12	15.54	ppb
Lead	207-1	0.11	0.11	0.12	0.12	3.98	ppb
Lead	208-1	0.10	0.10	0.11	0.11	5.85	ppb
Lithium	6-1				106		%
Magnesium	24-2	0.04	-0.17	-0.26	-0.13		ppb
Manganese	55-2	0.00	-0.01	0.02	0.00	659.73	ppb
Molybdenum	94-1	0.00	-0.01	-0.03	-0.01		ppb
Molybdenum	95-1	0.01	0.00	-0.01	0.00		ppb
Molybdenum	96-1	-0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	97-1	0.00	0.01	0.00	0.00	192.12	ppb
Molybdenum	98-1	-0.01	-0.01	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.03	-0.01	0.00		ppb
Phosphorus	31-2	-6.16	5.28	4.02	1.05	599.29	ppb
Potassium	39-2	-5.88	-1.86	-3.35	-3.70		ppb
Rhodium	103-1				108		%
Rhodium	103-2				109		%
Scandium	45-1				110		%
Scandium	45-2				112		%
Selenium	82-1	-0.30	0.50	-0.65	-0.15		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.04	-0.41	-0.75	-0.37		ppb
Silicon	28-1	0.02	-0.07	0.22	0.05	273.23	ppb
Silver	107-1	0.01	0.01	0.00	0.01	48.00	ppb
Silver	109-1	0.01	0.01	0.01	0.01	18.30	ppb
Sodium	23-2	-0.33	-0.70	-1.37	-0.80		ppb
Strontium	86-1	0.01	0.00	0.00	0.00	130.96	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	210.88	ppb
Sulfur	34-1	-902.20	-924.62	-663.94	-830.25		ppb
Terbium	159-1				103		%
Terbium	159-2				106		%
Thallium	203-1	-0.05	-0.05	-0.06	-0.05		ppb
Thallium	205-1	-0.05	-0.05	-0.05	-0.05		ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 17:05:51	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	-0.01	0.00	-0.01	-0.01		ppb
Tin	118-1	-0.01	0.01	0.00	0.00	6527.27	ppb
Titanium	47-1	0.01	-0.01	-0.03	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	40.69	ppb
Yttrium	89-1				107		%
Yttrium	89-2				111		%
Zinc	66-2	-0.53	-0.71	-0.57	-0.60		ppb
Zirconium	90-1	-0.01	0.00	-0.02	-0.01		ppb
Zirconium	91-1	0.01	0.00	0.00	0.00	240.35	ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 17:08:55	DataFile Name :	019ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91604.07	91585.42	91651.41	91613.63	0.04	ppb
Antimony	121-1	1.13	1.16	1.09	1.13	2.96	ppb
Arsenic	75-2	0.43	0.31	0.36	0.36	16.40	ppb
Barium	135-1	1.35	1.40	1.32	1.35	2.99	ppb
Barium	137-1	1.35	1.47	1.48	1.43	5.32	ppb
Beryllium	9-1	0.32	0.28	0.26	0.29	9.68	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Boron	10-1	1.32	0.77	1.33	1.14	28.26	ppb
Boron	11-1	0.91	1.13	1.21	1.08	14.21	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.60	0.80	0.70	0.70	13.94	ppb
Cadmium	106-1	-1.06	-0.13	-2.22	-1.14		ppb
Cadmium	108-1	16.79	14.54	16.93	16.08	8.35	ppb
Calcium	43-1	102013.49	101327.74	100919.04	101420.09	0.55	ppb
Calcium	44-1	95946.03	95200.37	94361.12	95169.17	0.83	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	20.04	19.75	19.70	19.83	0.92	ppb
Cobalt	59-2	1.19	1.23	1.20	1.20	1.77	ppb
Copper	63-2	7.84	7.90	8.24	7.99	2.70	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				96		%
Indium	115-2				96		%
Iron	56-2	101428.61	100420.66	101453.10	101100.79	0.58	ppb
Iron	57-2	101193.97	99678.14	101932.45	100934.85	1.14	ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 17:08:55	DataFile Name :	019ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	100004.89	97845.31	100489.62	99446.60	1.42	ppb
Krypton	83-1						cps
Lead	206-1	4.73	4.63	4.82	4.73	2.08	ppb
Lead	207-1	4.31	4.31	4.19	4.27	1.58	ppb
Lead	208-1	4.42	4.41	4.42	4.42	0.15	ppb
Lithium	6-1				94		%
Magnesium	24-2	93616.03	92585.22	94189.68	93463.64	0.87	ppb
Manganese	55-2	7.69	7.49	7.88	7.69	2.51	ppb
Molybdenum	94-1	1346.92	1353.52	1359.88	1353.44	0.48	ppb
Molybdenum	95-1	1912.35	1916.24	1928.41	1919.00	0.44	ppb
Molybdenum	96-1	1845.30	1842.85	1854.65	1847.60	0.34	ppb
Molybdenum	97-1	1922.70	1924.52	1950.45	1932.55	0.80	ppb
Molybdenum	98-1	1900.16	1904.66	1932.35	1912.39	0.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.69	5.47	5.38	5.51	2.90	ppb
Phosphorus	31-2	97472.63	98109.29	98742.53	98108.15	0.65	ppb
Potassium	39-2	96237.17	95998.00	97047.29	96427.49	0.57	ppb
Rhodium	103-1				93		%
Rhodium	103-2				94		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	82-1	-0.38	-0.19	-0.05	-0.21		ppb
Selenium	77-2	0.00	0.00	0.41	0.14	173.21	ppb
Selenium	78-2	-0.61	-0.72	-0.02	-0.45		ppb
Silicon	28-1	13.48	12.39	12.50	12.79	4.73	ppb
Silver	107-1	0.04	0.05	0.04	0.04	10.04	ppb
Silver	109-1	0.04	0.05	0.05	0.05	6.49	ppb
Sodium	23-2	99475.19	97418.41	99144.58	98679.39	1.12	ppb
Strontium	86-1	3.43	3.52	3.47	3.47	1.24	ppb
Strontium	88-1	3.45	3.49	3.50	3.48	0.87	ppb
Sulfur	34-1	102985.16	101803.11	101740.36	102176.21	0.69	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	0.06	0.04	0.03	0.04	37.86	ppb
Thallium	205-1	0.05	0.02	0.01	0.03	68.37	ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 17:08:55	DataFile Name :	019ICSA.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	0.16	0.12	0.16	0.15	15.39	ppb
Titanium	47-1	2013.76	2032.28	2022.82	2022.95	0.46	ppb
Uranium	238-1	0.02	0.01	0.02	0.02	17.20	ppb
Vanadium	51-2	0.16	0.16	0.16	0.16	1.97	ppb
Yttrium	89-1				98		%
Yttrium	89-2				98		%
Zinc	66-2	11.82	11.30	11.92	11.68	2.85	ppb
Zirconium	90-1	0.01	0.01	0.00	0.01	76.72	ppb
Zirconium	91-1	0.02	0.03	0.00	0.02	79.41	ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 17:11:56	DataFile Name :	020ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90744.33	90498.34	91312.58	90851.75	0.46	ppb
Antimony	121-1	20.42	20.79	21.25	20.82	2.01	ppb
Arsenic	75-2	19.98	20.56	20.75	20.43	1.97	ppb
Barium	135-1	21.43	22.08	21.59	21.70	1.55	ppb
Barium	137-1	21.43	20.97	21.50	21.30	1.35	ppb
Beryllium	9-1	20.74	21.09	20.42	20.75	1.62	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Boron	10-1	56.91	59.30	58.13	58.11	2.06	ppb
Boron	11-1	56.59	58.47	61.26	58.77	4.00	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	20.66	21.23	20.92	20.94	1.36	ppb
Cadmium	106-1	23.89	26.12	23.61	24.54	5.60	ppb
Cadmium	108-1	38.75	38.79	38.71	38.75	0.10	ppb
Calcium	43-1	99654.05	101457.74	101673.93	100928.57	1.10	ppb
Calcium	44-1	93385.46	95235.99	94583.13	94401.53	0.99	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.94	39.50	39.28	39.24	0.72	ppb
Cobalt	59-2	21.30	21.76	21.49	21.52	1.07	ppb
Copper	63-2	27.94	28.23	28.00	28.06	0.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				96		%
Indium	115-2				96		%
Iron	56-2	99840.38	100552.94	100491.05	100294.79	0.39	ppb
Iron	57-2	100616.71	100020.28	100229.97	100288.99	0.30	ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 17:11:56	DataFile Name :	020ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	99226.13	99711.94	100427.54	99788.54	0.61	ppb
Krypton	83-1						cps
Lead	206-1	24.19	24.40	24.63	24.41	0.91	ppb
Lead	207-1	22.89	23.11	23.37	23.12	1.04	ppb
Lead	208-1	23.14	23.41	23.54	23.36	0.88	ppb
Lithium	6-1				92		%
Magnesium	24-2	93018.72	93106.66	92329.72	92818.37	0.46	ppb
Manganese	55-2	26.91	26.94	27.23	27.03	0.67	ppb
Molybdenum	94-1	1427.57	1439.20	1421.76	1429.51	0.62	ppb
Molybdenum	95-1	1923.46	1918.15	1908.96	1916.86	0.38	ppb
Molybdenum	96-1	1836.24	1855.14	1845.30	1845.56	0.51	ppb
Molybdenum	97-1	1921.35	1942.06	1904.47	1922.63	0.98	ppb
Molybdenum	98-1	1930.12	1919.68	1880.14	1909.98	1.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.36	25.69	25.98	25.68	1.20	ppb
Phosphorus	31-2	96110.66	97165.41	97646.17	96974.08	0.81	ppb
Potassium	39-2	95083.43	96463.72	96359.08	95968.74	0.80	ppb
Rhodium	103-1				94		%
Rhodium	103-2				94		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	82-1	20.69	19.88	19.73	20.10	2.58	ppb
Selenium	77-2	17.52	14.69	20.43	17.54	16.36	ppb
Selenium	78-2	21.11	21.62	18.32	20.35	8.72	ppb
Silicon	28-1	13.15	14.13	15.51	14.26	8.31	ppb
Silver	107-1	19.14	19.19	19.65	19.33	1.45	ppb
Silver	109-1	19.26	19.09	19.43	19.26	0.88	ppb
Sodium	23-2	98498.00	98051.66	98769.67	98439.78	0.37	ppb
Strontium	86-1	9.11	9.24	9.22	9.19	0.79	ppb
Strontium	88-1	9.14	9.34	9.18	9.22	1.12	ppb
Sulfur	34-1	100496.46	100741.71	101572.67	100936.95	0.56	ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	20.20	20.60	20.45	20.42	0.99	ppb
Thallium	205-1	20.00	20.08	20.14	20.07	0.33	ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 17:11:56	DataFile Name :	020ICSB.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	53.83	53.71	54.93	54.16	1.24	ppb
Titanium	47-1	1981.52	1985.10	2018.10	1994.91	1.01	ppb
Uranium	238-1	54.22	53.97	55.42	54.54	1.42	ppb
Vanadium	51-2	19.70	19.79	19.66	19.72	0.32	ppb
Yttrium	89-1				98		%
Yttrium	89-2				99		%
Zinc	66-2	30.16	31.24	30.65	30.68	1.76	ppb
Zirconium	90-1	57.33	58.64	57.86	57.94	1.14	ppb
Zirconium	91-1	57.49	58.87	55.74	57.36	2.73	ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	CCV64	Instrumnet Name :	P7
Client Sample ID :	CCV64	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 17:14:57	DataFile Name :	021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50534.90	50812.71	50238.60	50528.74	0.57	ppb
Antimony	121-1	503.73	506.28	505.14	505.05	0.25	ppb
Arsenic	75-2	503.83	497.95	500.83	500.87	0.59	ppb
Barium	135-1	2577.07	2581.10	2567.80	2575.32	0.26	ppb
Barium	137-1	2567.12	2553.85	2579.40	2566.79	0.50	ppb
Beryllium	9-1	505.68	513.26	516.91	511.95	1.12	ppb
Bismuth	209-1				93		%
Bismuth	209-2				92		%
Boron	10-1	499.18	513.14	533.17	515.17	3.32	ppb
Boron	11-1	497.51	520.55	534.00	517.35	3.57	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	504.08	505.40	502.77	504.08	0.26	ppb
Cadmium	106-1	498.81	512.56	515.45	508.94	1.75	ppb
Cadmium	108-1	504.57	505.04	502.16	503.92	0.31	ppb
Calcium	43-1	244511.94	243524.75	243319.19	243785.29	0.26	ppb
Calcium	44-1	245090.80	240280.34	243092.99	242821.38	1.00	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	503.89	504.69	503.60	504.06	0.11	ppb
Cobalt	59-2	499.29	502.88	497.07	499.75	0.59	ppb
Copper	63-2	5131.73	5070.36	5048.19	5083.43	0.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				97		%
Indium	115-1				92		%
Indium	115-2				93		%
Iron	56-2	128524.90	128852.78	127369.07	128248.91	0.61	ppb
Iron	57-2	128310.88	129218.76	128795.89	128775.18	0.35	ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	CCV64	Instrumnet Name :	P7
Client Sample ID :	CCV64	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 17:14:57	DataFile Name :	021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	127413.24	128474.42	127204.98	127697.54	0.53	ppb
Krypton	83-1						cps
Lead	206-1	2600.00	2618.25	2631.93	2616.73	0.61	ppb
Lead	207-1	2645.34	2677.73	2685.09	2669.39	0.79	ppb
Lead	208-1	2622.06	2647.26	2650.98	2640.10	0.60	ppb
Lithium	6-1				90		%
Magnesium	24-2	252567.18	257021.92	253668.42	254419.18	0.91	ppb
Manganese	55-2	5012.40	5088.82	4990.30	5030.51	1.03	ppb
Molybdenum	94-1	2578.22	2619.90	2568.15	2588.76	1.06	ppb
Molybdenum	95-1	2558.51	2593.38	2567.27	2573.06	0.71	ppb
Molybdenum	96-1	2575.24	2579.26	2562.26	2572.25	0.35	ppb
Molybdenum	97-1	2580.25	2627.20	2626.28	2611.24	1.03	ppb
Molybdenum	98-1	2571.71	2601.40	2563.55	2578.89	0.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	494.00	495.52	491.44	493.65	0.42	ppb
Phosphorus	31-2	10325.66	10366.02	10040.00	10243.89	1.73	ppb
Potassium	39-2	126891.62	127761.33	126419.41	127024.12	0.54	ppb
Rhodium	103-1				90		%
Rhodium	103-2				90		%
Scandium	45-1				95		%
Scandium	45-2				97		%
Selenium	82-1	497.42	501.01	494.93	497.79	0.61	ppb
Selenium	77-2	521.51	496.56	506.93	508.34	2.47	ppb
Selenium	78-2	515.82	505.76	502.44	508.01	1.37	ppb
Silicon	28-1	387.75	396.25	405.81	396.60	2.28	ppb
Silver	107-1	540.24	541.68	544.00	541.97	0.35	ppb
Silver	109-1	540.93	534.53	539.16	538.21	0.61	ppb
Sodium	23-2	253084.47	257190.96	251629.87	253968.43	1.14	ppb
Strontium	86-1	510.44	513.31	506.63	510.13	0.66	ppb
Strontium	88-1	513.51	514.89	515.99	514.80	0.24	ppb
Sulfur	34-1	9170.72	9444.27	9612.54	9409.18	2.37	ppb
Terbium	159-1				98		%
Terbium	159-2				98		%
Thallium	203-1	512.38	519.86	512.63	514.96	0.82	ppb
Thallium	205-1	524.11	523.49	525.64	524.41	0.21	ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	CCV64	Instrumnet Name :	P7
Client Sample ID :	CCV64	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 17:14:57	DataFile Name :	021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	540.03	547.86	537.70	541.87	0.98	ppb
Tin	118-1	510.25	507.45	511.71	509.80	0.42	ppb
Titanium	47-1	2548.33	2573.82	2578.76	2566.97	0.64	ppb
Uranium	238-1	546.25	552.85	540.00	546.37	1.18	ppb
Vanadium	51-2	509.45	513.52	508.11	510.36	0.55	ppb
Yttrium	89-1				96		%
Yttrium	89-2				97		%
Zinc	66-2	5123.15	5137.80	5089.31	5116.75	0.49	ppb
Zirconium	90-1	516.85	528.71	518.55	521.37	1.23	ppb
Zirconium	91-1	513.93	529.17	517.35	520.15	1.54	ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	CCB64	Instrumnet Name :	P7
Client Sample ID :	CCB64	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 17:28:57	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.06	2.31	4.21	3.86	36.47	ppb
Antimony	121-1	0.04	0.05	0.06	0.05	17.66	ppb
Arsenic	75-2	-0.01	0.03	0.02	0.01	144.15	ppb
Barium	135-1	0.00	0.02	0.05	0.02	109.22	ppb
Barium	137-1	0.02	0.02	0.03	0.02	38.07	ppb
Beryllium	9-1	-0.01	0.00	0.00	0.00		ppb
Bismuth	209-1				101		%
Bismuth	209-2				103		%
Boron	10-1	3.32	1.76	2.91	2.66	30.33	ppb
Boron	11-1	2.29	2.26	2.13	2.22	3.83	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.08	-0.07	-0.07	-0.07		ppb
Cadmium	106-1	-1.25	-1.15	-0.99	-1.13		ppb
Cadmium	108-1	-0.18	-0.24	-0.07	-0.16		ppb
Calcium	43-1	2.27	6.67	3.20	4.04	57.32	ppb
Calcium	44-1	3.05	1.98	1.29	2.10	42.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.01	-0.05	-0.01		ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	15.15	ppb
Copper	63-2	0.20	0.15	0.19	0.18	13.09	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				101		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	56-2	3.17	3.50	3.73	3.47	8.17	ppb
Iron	57-2	4.01	5.90	4.65	4.86	19.86	ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	CCB64	Instrumnet Name :	P7
Client Sample ID :	CCB64	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 17:28:57	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	4.48	2.10	2.72	3.10	39.81	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.09	0.04	0.07	36.79	ppb
Lead	207-1	0.08	0.04	0.05	0.06	35.93	ppb
Lead	208-1	0.07	0.06	0.06	0.06	9.03	ppb
Lithium	6-1				99		%
Magnesium	24-2	5.59	6.06	7.99	6.55	19.38	ppb
Manganese	55-2	0.09	0.09	0.12	0.10	18.67	ppb
Molybdenum	94-1	0.17	0.07	0.10	0.11	48.10	ppb
Molybdenum	95-1	0.10	0.07	0.09	0.09	13.15	ppb
Molybdenum	96-1	0.09	0.09	0.04	0.07	36.18	ppb
Molybdenum	97-1	0.10	0.09	0.08	0.09	7.98	ppb
Molybdenum	98-1	0.09	0.08	0.06	0.08	20.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	0.05	0.02	0.04	48.45	ppb
Phosphorus	31-2	-10.73	-5.22	7.38	-2.86		ppb
Potassium	39-2	6.08	7.41	3.56	5.68	34.40	ppb
Rhodium	103-1				99		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				103		%
Selenium	82-1	-0.47	-0.02	-0.87	-0.45		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.14	-0.20	0.05	0.00		ppb
Silicon	28-1	0.64	-0.22	-0.14	0.10	499.36	ppb
Silver	107-1	0.01	0.00	0.01	0.00	72.11	ppb
Silver	109-1	0.01	0.01	0.01	0.01	10.25	ppb
Sodium	23-2	13.40	15.70	17.66	15.59	13.69	ppb
Strontium	86-1	0.01	0.01	0.00	0.01	108.77	ppb
Strontium	88-1	0.00	0.00	0.01	0.00	14.28	ppb
Sulfur	34-1	-475.04	-987.09	-808.09	-756.74		ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	0.02	0.02	0.02	0.02	9.05	ppb
Thallium	205-1	0.02	0.02	0.00	0.02	61.41	ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	CCB64	Instrumnet Name :	P7
Client Sample ID :	CCB64	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 17:28:57	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.00	0.00	0.00	40.59	ppb
Tin	118-1	0.03	0.01	0.01	0.02	60.45	ppb
Titanium	47-1	0.04	0.03	0.02	0.03	35.77	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	35.74	ppb
Vanadium	51-2	0.01	0.02	0.01	0.01	38.01	ppb
Yttrium	89-1				100		%
Yttrium	89-2				103		%
Zinc	66-2	-0.24	-0.26	-0.22	-0.24		ppb
Zirconium	90-1	0.02	0.03	0.03	0.03	23.74	ppb
Zirconium	91-1	0.04	0.04	0.03	0.04	16.90	ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 17:32:01	DataFile Name :	023LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.04	19.11	19.58	19.91	5.06	ppb
Antimony	121-1	2.06	2.11	2.08	2.08	1.07	ppb
Arsenic	75-2	1.09	0.95	1.16	1.07	10.16	ppb
Barium	135-1	10.32	10.41	10.54	10.42	1.06	ppb
Barium	137-1	10.26	10.47	10.37	10.37	0.97	ppb
Beryllium	9-1	1.00	1.12	1.04	1.05	5.96	ppb
Bismuth	209-1				101		%
Bismuth	209-2				103		%
Boron	10-1	23.40	26.71	26.81	25.64	7.57	ppb
Boron	11-1	25.02	26.14	26.57	25.91	3.09	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.20	1.18	1.23	1.20	2.05	ppb
Cadmium	106-1	1.53	1.80	2.15	1.83	16.80	ppb
Cadmium	108-1	0.31	0.53	1.06	0.63	60.91	ppb
Calcium	43-1	489.42	525.78	518.04	511.08	3.75	ppb
Calcium	44-1	516.66	518.11	519.62	518.13	0.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.14	2.03	2.10	2.09	2.83	ppb
Cobalt	59-2	1.06	1.05	1.05	1.05	0.57	ppb
Copper	63-2	2.14	2.09	2.21	2.15	2.83	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				100		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	56-2	55.85	55.38	55.21	55.48	0.59	ppb
Iron	57-2	58.48	56.13	55.16	56.59	3.01	ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 17:32:01	DataFile Name :	023LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	55.33	57.91	56.30	56.51	2.30	ppb
Krypton	83-1						cps
Lead	206-1	1.01	0.97	0.97	0.98	2.43	ppb
Lead	207-1	1.03	0.99	0.98	1.00	2.74	ppb
Lead	208-1	0.98	0.98	0.97	0.98	0.29	ppb
Lithium	6-1				99		%
Magnesium	24-2	516.95	512.95	506.72	512.21	1.01	ppb
Manganese	55-2	1.05	1.04	1.02	1.04	1.25	ppb
Molybdenum	94-1	4.94	4.89	5.12	4.98	2.38	ppb
Molybdenum	95-1	4.97	4.98	4.92	4.96	0.65	ppb
Molybdenum	96-1	5.00	5.15	5.00	5.05	1.69	ppb
Molybdenum	97-1	5.37	5.19	5.03	5.20	3.25	ppb
Molybdenum	98-1	5.10	5.11	4.98	5.06	1.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.22	1.13	1.07	1.14	6.60	ppb
Phosphorus	31-2	2.07	7.59	-0.78	2.96	143.80	ppb
Potassium	39-2	536.72	541.94	545.42	541.36	0.81	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	82-1	5.30	4.38	4.58	4.75	10.23	ppb
Selenium	77-2	6.67	4.30	8.21	6.39	30.81	ppb
Selenium	78-2	5.15	5.83	5.64	5.54	6.31	ppb
Silicon	28-1	6.83	7.58	7.19	7.20	5.22	ppb
Silver	107-1	1.09	1.10	1.10	1.09	0.74	ppb
Silver	109-1	1.00	1.06	1.06	1.04	3.47	ppb
Sodium	23-2	526.50	517.83	525.86	523.40	0.92	ppb
Strontium	86-1	0.11	0.11	0.10	0.10	4.46	ppb
Strontium	88-1	0.11	0.11	0.11	0.11	1.18	ppb
Sulfur	34-1	-839.96	-561.29	-756.07	-719.11		ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	0.97	0.97	0.98	0.98	0.69	ppb
Thallium	205-1	1.00	0.94	0.95	0.96	3.16	ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 17:32:01	DataFile Name :	023LLCC.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	5.12	4.98	5.15	5.08	1.79	ppb
Titanium	47-1	4.83	4.88	5.12	4.94	3.15	ppb
Uranium	238-1	0.89	0.87	0.91	0.89	2.08	ppb
Vanadium	51-2	5.26	5.31	5.01	5.19	3.15	ppb
Yttrium	89-1				101		%
Yttrium	89-2				103		%
Zinc	66-2	2.27	2.18	2.12	2.19	3.44	ppb
Zirconium	90-1	1.06	1.01	1.01	1.03	3.20	ppb
Zirconium	91-1	0.97	1.05	1.05	1.02	4.33	ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	PB138100BL	Instrumnet Name :	P7
Client Sample ID :	PB138100BL	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 17:35:05	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.11	-2.38	-1.79	-2.10		ppb
Antimony	121-1	0.01	0.01	0.02	0.01	61.83	ppb
Arsenic	75-2	-0.02	-0.02	-0.02	-0.02		ppb
Barium	135-1	0.01	0.00	0.00	0.00	153.00	ppb
Barium	137-1	0.01	0.02	0.01	0.01	69.28	ppb
Beryllium	9-1	0.02	0.01	0.00	0.01	122.51	ppb
Bismuth	209-1				101		%
Bismuth	209-2				103		%
Boron	10-1	2.76	2.04	2.32	2.37	15.29	ppb
Boron	11-1	2.36	1.64	2.18	2.06	18.30	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.13	0.13	0.19	0.06	264.09	ppb
Cadmium	106-1	-1.70	1.69	2.43	0.80	274.17	ppb
Cadmium	108-1	-0.16	-0.19	-0.24	-0.19		ppb
Calcium	43-1	3.53	3.18	1.62	2.78	36.53	ppb
Calcium	44-1	0.66	0.32	1.12	0.70	57.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.04	-0.01	0.00	-0.02		ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	533.30	ppb
Copper	63-2	0.06	0.05	0.03	0.05	30.75	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				102		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	56-2	0.25	0.19	0.16	0.20	21.42	ppb
Iron	57-2	0.35	-0.03	0.59	0.30	103.56	ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	PB138100BL	Instrumnet Name :	P7
Client Sample ID :	PB138100BL	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 17:35:05	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	1.98	-0.25	1.43	1.05	110.16	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.05	0.01	0.03	82.98	ppb
Lead	207-1	0.05	0.03	0.01	0.03	66.04	ppb
Lead	208-1	0.02	0.04	0.02	0.03	38.73	ppb
Lithium	6-1				99		%
Magnesium	24-2	0.64	0.20	0.49	0.44	50.64	ppb
Manganese	55-2	-0.01	0.00	0.00	0.00		ppb
Molybdenum	94-1	0.03	0.01	0.02	0.02	28.41	ppb
Molybdenum	95-1	0.02	0.01	0.01	0.01	33.62	ppb
Molybdenum	96-1	0.02	0.01	0.02	0.01	50.41	ppb
Molybdenum	97-1	0.02	0.02	0.01	0.02	13.16	ppb
Molybdenum	98-1	0.01	0.02	0.01	0.01	54.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.02	0.01	0.00		ppb
Phosphorus	31-2	-7.97	-2.29	5.91	-1.45		ppb
Potassium	39-2	0.40	0.67	1.27	0.78	56.50	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	82-1	0.21	-0.30	0.04	-0.01		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.21	-0.32	-0.08	-0.20		ppb
Silicon	28-1	-0.46	-0.29	-0.01	-0.25		ppb
Silver	107-1	0.01	0.01	0.00	0.01	30.45	ppb
Silver	109-1	0.01	0.01	0.00	0.01	61.27	ppb
Sodium	23-2	6.63	6.62	5.87	6.38	6.85	ppb
Strontium	86-1	0.00	0.00	0.00	0.00	676.13	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	125.11	ppb
Sulfur	34-1	-737.09	-585.10	-648.71	-656.97		ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	0.00	0.00	0.02	0.00	314.83	ppb
Thallium	205-1	0.01	-0.01	-0.01	-0.01		ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	PB138100BL	Instrumnet Name :	P7
Client Sample ID :	PB138100BL	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 17:35:05	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	-0.01	0.00	-0.01	-0.01		ppb
Tin	118-1	0.02	0.03	0.02	0.02	24.97	ppb
Titanium	47-1	-0.02	0.00	0.01	0.00		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	60.27	ppb
Yttrium	89-1				101		%
Yttrium	89-2				103		%
Zinc	66-2	-0.34	-0.29	-0.40	-0.34		ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb
Zirconium	91-1	0.01	0.01	0.02	0.01	48.34	ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	PB138100BS	Instrumnet Name :	P7
Client Sample ID :	PB138100BS	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 17:38:09	DataFile Name :	025LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10014.82	9978.70	10015.85	10003.12	0.21	ppb
Antimony	121-1	501.68	529.36	528.82	519.95	3.04	ppb
Arsenic	75-2	493.32	501.32	500.10	498.25	0.87	ppb
Barium	135-1	2521.65	2655.33	2661.77	2612.92	3.03	ppb
Barium	137-1	2528.98	2662.28	2642.52	2611.26	2.75	ppb
Beryllium	9-1	499.07	518.54	524.52	514.04	2.59	ppb
Bismuth	209-1				96		%
Bismuth	209-2				98		%
Boron	10-1	468.20	497.84	514.44	493.49	4.75	ppb
Boron	11-1	464.07	501.51	514.38	493.32	5.30	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	518.13	539.38	536.90	531.47	2.19	ppb
Cadmium	106-1	513.78	539.83	530.55	528.06	2.50	ppb
Cadmium	108-1	507.02	540.68	537.93	528.54	3.54	ppb
Calcium	43-1	52432.47	54854.09	54421.51	53902.69	2.40	ppb
Calcium	44-1	48828.52	51119.59	50114.99	50021.03	2.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	497.50	498.48	500.12	498.70	0.27	ppb
Cobalt	59-2	502.36	502.88	498.13	501.12	0.52	ppb
Copper	63-2	4970.42	5042.64	5004.95	5006.00	0.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				98		%
Indium	115-1				94		%
Indium	115-2				95		%
Iron	56-2	25731.25	25588.73	25461.51	25593.83	0.53	ppb
Iron	57-2	26179.79	26300.03	26045.93	26175.25	0.49	ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	PB138100BS	Instrumnet Name :	P7
Client Sample ID :	PB138100BS	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 17:38:09	DataFile Name :	025LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	26718.74	26528.40	26612.71	26619.95	0.36	ppb
Krypton	83-1						cps
Lead	206-1	2503.62	2654.60	2615.24	2591.15	3.02	ppb
Lead	207-1	2539.32	2679.02	2649.39	2622.58	2.81	ppb
Lead	208-1	2521.73	2649.35	2631.85	2600.98	2.66	ppb
Lithium	6-1				95		%
Magnesium	24-2	50874.49	50582.52	50875.35	50777.45	0.33	ppb
Manganese	55-2	5010.16	4995.10	5004.61	5003.29	0.15	ppb
Molybdenum	94-1	2528.76	2605.42	2641.51	2591.90	2.22	ppb
Molybdenum	95-1	2528.89	2604.67	2620.60	2584.72	1.90	ppb
Molybdenum	96-1	2514.32	2586.42	2575.70	2558.81	1.52	ppb
Molybdenum	97-1	2572.76	2605.27	2619.75	2599.26	0.93	ppb
Molybdenum	98-1	2555.56	2600.97	2597.26	2584.60	0.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	503.08	504.70	503.22	503.67	0.18	ppb
Phosphorus	31-2	9924.50	10032.93	9976.59	9978.01	0.54	ppb
Potassium	39-2	25040.38	25154.06	25049.32	25081.25	0.25	ppb
Rhodium	103-1				92		%
Rhodium	103-2				94		%
Scandium	45-1				96		%
Scandium	45-2				96		%
Selenium	82-1	511.29	525.20	520.00	518.83	1.35	ppb
Selenium	77-2	514.63	491.36	473.85	493.28	4.15	ppb
Selenium	78-2	503.68	499.66	496.80	500.04	0.69	ppb
Silicon	28-1	443.76	499.35	516.97	486.69	7.85	ppb
Silver	107-1	518.39	538.72	541.18	532.76	2.35	ppb
Silver	109-1	520.92	547.03	532.91	533.62	2.45	ppb
Sodium	23-2	50958.96	51053.44	51055.33	51022.58	0.11	ppb
Strontium	86-1	500.47	517.93	517.87	512.09	1.96	ppb
Strontium	88-1	504.43	519.66	525.12	516.40	2.08	ppb
Sulfur	34-1	9693.83	10569.67	10764.91	10342.80	5.52	ppb
Terbium	159-1				97		%
Terbium	159-2				98		%
Thallium	203-1	492.39	520.96	510.21	507.85	2.84	ppb
Thallium	205-1	497.18	519.87	514.96	510.67	2.34	ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	PB138100BS	Instrumnet Name :	P7
Client Sample ID :	PB138100BS	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 17:38:09	DataFile Name :	025LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	504.87	528.16	519.92	517.65	2.28	ppb
Tin	118-1	506.48	532.62	530.17	523.09	2.76	ppb
Titanium	47-1	2495.64	2590.06	2585.56	2557.09	2.08	ppb
Uranium	238-1	507.56	537.92	525.08	523.52	2.91	ppb
Vanadium	51-2	495.31	496.05	493.16	494.84	0.30	ppb
Yttrium	89-1				96		%
Yttrium	89-2				97		%
Zinc	66-2	5000.61	5034.47	5028.33	5021.14	0.36	ppb
Zirconium	90-1	501.94	519.46	512.05	511.15	1.72	ppb
Zirconium	91-1	500.65	523.50	525.70	516.61	2.68	ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	M3119-02	Instrumnet Name :	P7
Client Sample ID :	TOP-SOIL-GRILLIO-1	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 17:41:02	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	61844.99	61517.32	58948.85	60770.39	2.61	ppb
Antimony	121-1	0.97	0.92	0.86	0.92	5.69	ppb
Arsenic	75-2	22.17	22.27	21.83	22.09	1.04	ppb
Barium	135-1	138.80	137.12	139.69	138.54	0.94	ppb
Barium	137-1	138.20	136.95	140.89	138.68	1.45	ppb
Beryllium	9-1	10.92	11.17	10.97	11.02	1.19	ppb
Bismuth	209-1				96		%
Bismuth	209-2				95		%
Boron	10-1	538.96	575.02	595.19	569.72	5.00	ppb
Boron	11-1	557.59	578.15	588.53	574.76	2.74	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	10.68	10.36	10.65	10.56	1.68	ppb
Cadmium	106-1	14.48	13.79	15.57	14.61	6.13	ppb
Cadmium	108-1	9.01	8.45	9.17	8.88	4.25	ppb
Calcium	43-1	284043.84	279786.31	282016.75	281948.96	0.76	ppb
Calcium	44-1	283357.72	278379.01	282100.53	281279.09	0.92	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	42.83	43.08	41.96	42.62	1.38	ppb
Cobalt	59-2	117.31	118.47	115.08	116.95	1.48	ppb
Copper	63-2	311.21	313.23	302.61	309.02	1.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				98		%
Indium	115-1				91		%
Indium	115-2				91		%
Iron	56-2	72522.78	73183.67	70282.86	71996.44	2.11	ppb
Iron	57-2	73598.76	74520.57	71767.08	73295.47	1.91	ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	M3119-02	Instrumnet Name :	P7
Client Sample ID :	TOP-SOIL-GRILLIO-1	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 17:41:02	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	71862.12	72454.37	70230.48	71515.66	1.61	ppb
Krypton	83-1						cps
Lead	206-1	315.40	310.32	307.33	311.02	1.31	ppb
Lead	207-1	297.33	295.04	294.79	295.72	0.47	ppb
Lead	208-1	303.00	299.32	300.42	300.91	0.63	ppb
Lithium	6-1				86		%
Magnesium	24-2	41781.06	41710.86	39997.02	41162.98	2.45	ppb
Manganese	55-2	13188.57	13364.21	12916.80	13156.53	1.71	ppb
Molybdenum	94-1	3.73	3.50	3.46	3.56	4.16	ppb
Molybdenum	95-1	0.52	0.47	0.42	0.47	11.43	ppb
Molybdenum	96-1	0.90	0.80	0.75	0.82	9.17	ppb
Molybdenum	97-1	0.50	0.48	0.40	0.46	11.33	ppb
Molybdenum	98-1	0.46	0.44	0.35	0.41	14.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	192.99	191.89	187.21	190.70	1.61	ppb
Phosphorus	31-2	5489.96	5414.89	5295.83	5400.23	1.81	ppb
Potassium	39-2	25747.52	25999.96	25122.10	25623.20	1.76	ppb
Rhodium	103-1				88		%
Rhodium	103-2				89		%
Scandium	45-1				90		%
Scandium	45-2				90		%
Selenium	82-1	0.91	2.29	1.30	1.50	47.54	ppb
Selenium	77-2	32.78	30.94	27.23	30.32	9.33	ppb
Selenium	78-2	7.03	5.78	7.04	6.62	10.88	ppb
Silicon	28-1	22430.41	22066.96	22105.82	22201.06	0.90	ppb
Silver	107-1	0.08	0.05	0.05	0.06	25.16	ppb
Silver	109-1	0.07	0.06	0.06	0.06	16.67	ppb
Sodium	23-2	13781.80	13884.33	13240.59	13635.57	2.54	ppb
Strontium	86-1	78.99	77.20	78.04	78.08	1.14	ppb
Strontium	88-1	78.80	78.02	78.31	78.38	0.51	ppb
Sulfur	34-1	461327.96	451769.34	455302.61	456133.30	1.06	ppb
Terbium	159-1				98		%
Terbium	159-2				97		%
Thallium	203-1	0.60	0.59	0.54	0.58	5.38	ppb
Thallium	205-1	0.63	0.54	0.54	0.57	9.58	ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	M3119-02	Instrumnet Name :	P7
Client Sample ID :	TOP-SOIL-GRILLIO-1	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 17:41:02	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.78	0.77	0.77	0.77	0.66	ppb
Tin	118-1	0.25	0.26	0.29	0.26	8.45	ppb
Titanium	47-1	26.20	25.04	24.84	25.36	2.90	ppb
Uranium	238-1	3.62	3.59	3.67	3.63	1.13	ppb
Vanadium	51-2	404.22	407.95	393.06	401.74	1.93	ppb
Yttrium	89-1				127		%
Yttrium	89-2				126		%
Zinc	66-2	2472.11	2473.94	2396.25	2447.44	1.81	ppb
Zirconium	90-1	2.13	2.12	2.17	2.14	1.45	ppb
Zirconium	91-1	2.30	2.16	2.01	2.16	6.57	ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	M3223-02	Instrumnet Name :	P7
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 17:44:05	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15015.78	14994.23	14996.18	15002.06	0.08	ppb
Antimony	121-1	0.15	0.14	0.17	0.15	8.74	ppb
Arsenic	75-2	3.51	3.90	4.16	3.86	8.38	ppb
Barium	135-1	104.42	95.94	99.87	100.08	4.24	ppb
Barium	137-1	103.07	100.11	102.72	101.97	1.59	ppb
Beryllium	9-1	0.40	0.33	0.42	0.38	12.83	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Boron	10-1	1160.45	1161.47	1201.79	1174.57	2.01	ppb
Boron	11-1	1186.64	1188.92	1234.63	1203.40	2.25	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.50	0.43	0.43	0.45	8.98	ppb
Cadmium	106-1	1.27	1.27	1.65	1.40	15.62	ppb
Cadmium	108-1	0.58	0.51	0.73	0.60	18.89	ppb
Calcium	43-1	167127.85	158437.00	163900.21	163155.02	2.69	ppb
Calcium	44-1	161189.45	152813.13	154143.75	156048.77	2.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8.53	8.48	8.75	8.58	1.65	ppb
Cobalt	59-2	49.64	48.98	49.57	49.40	0.74	ppb
Copper	63-2	80.69	79.54	79.95	80.06	0.73	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				96		%
Indium	115-2				93		%
Iron	56-2	128592.18	126629.04	128114.49	127778.57	0.80	ppb
Iron	57-2	128683.82	127111.15	127300.63	127698.53	0.67	ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	M3223-02	Instrumnet Name :	P7
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 17:44:05	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	129315.17	127110.32	126569.67	127665.05	1.14	ppb
Krypton	83-1						cps
Lead	206-1	1.29	1.24	1.30	1.28	2.67	ppb
Lead	207-1	1.18	1.14	1.15	1.16	1.72	ppb
Lead	208-1	1.21	1.16	1.20	1.19	2.25	ppb
Lithium	6-1				87		%
Magnesium	24-2	29253.63	28475.12	28403.54	28710.77	1.64	ppb
Manganese	55-2	2338.04	2311.98	2331.26	2327.09	0.58	ppb
Molybdenum	94-1	1.26	1.05	1.18	1.16	9.22	ppb
Molybdenum	95-1	0.19	0.20	0.22	0.20	7.57	ppb
Molybdenum	96-1	0.48	0.44	0.46	0.46	3.99	ppb
Molybdenum	97-1	0.22	0.15	0.19	0.19	20.59	ppb
Molybdenum	98-1	0.21	0.15	0.18	0.18	16.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	41.50	40.37	40.99	40.96	1.38	ppb
Phosphorus	31-2	1303.76	1331.88	1345.56	1327.07	1.61	ppb
Potassium	39-2	2027.25	1999.60	2009.86	2012.24	0.69	ppb
Rhodium	103-1				92		%
Rhodium	103-2				91		%
Scandium	45-1				92		%
Scandium	45-2				91		%
Selenium	82-1	0.63	0.59	0.66	0.63	6.01	ppb
Selenium	77-2	11.89	11.05	13.07	12.00	8.47	ppb
Selenium	78-2	2.74	3.40	3.01	3.05	10.86	ppb
Silicon	28-1	18336.26	17311.27	17721.05	17789.53	2.90	ppb
Silver	107-1	0.03	0.02	0.01	0.02	47.34	ppb
Silver	109-1	0.02	0.02	0.02	0.02	13.61	ppb
Sodium	23-2	51103.64	49982.85	50309.30	50465.26	1.14	ppb
Strontium	86-1	35.16	34.08	34.81	34.68	1.59	ppb
Strontium	88-1	35.92	34.51	35.18	35.20	2.00	ppb
Sulfur	34-1	248449.84	236583.38	242468.61	242500.61	2.45	ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	0.02	0.04	0.01	0.02	76.32	ppb
Thallium	205-1	0.01	0.02	0.01	0.01	46.05	ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	M3223-02	Instrumnet Name :	P7
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 17:44:05	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.05	0.06	0.05	0.05	10.99	ppb
Tin	118-1	0.26	0.20	0.26	0.24	14.61	ppb
Titanium	47-1	3.72	3.91	4.28	3.97	7.13	ppb
Uranium	238-1	3.06	2.95	2.99	3.00	1.84	ppb
Vanadium	51-2	172.13	171.89	169.04	171.02	1.01	ppb
Yttrium	89-1				108		%
Yttrium	89-2				105		%
Zinc	66-2	594.00	589.66	591.81	591.82	0.37	ppb
Zirconium	90-1	0.70	0.68	0.74	0.70	4.59	ppb
Zirconium	91-1	0.70	0.77	0.73	0.73	4.51	ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	M3223-04	Instrumnet Name :	P7
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 17:47:08	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23743.67	23750.97	23237.54	23577.40	1.25	ppb
Antimony	121-1	0.09	0.09	0.09	0.09	4.08	ppb
Arsenic	75-2	4.15	4.49	4.80	4.48	7.27	ppb
Barium	135-1	103.17	102.82	104.12	103.37	0.65	ppb
Barium	137-1	102.84	103.95	104.49	103.76	0.81	ppb
Beryllium	9-1	0.31	0.40	0.35	0.35	12.90	ppb
Bismuth	209-1				100		%
Bismuth	209-2				97		%
Boron	10-1	1223.41	1276.62	1287.36	1262.46	2.71	ppb
Boron	11-1	1252.52	1314.36	1318.37	1295.08	2.85	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.55	0.30	0.38	0.41	31.61	ppb
Cadmium	106-1	5.11	1.32	2.35	2.93	66.90	ppb
Cadmium	108-1	0.29	0.36	0.31	0.32	11.52	ppb
Calcium	43-1	138900.05	140157.27	139975.29	139677.54	0.49	ppb
Calcium	44-1	131546.33	130905.52	132391.15	131614.33	0.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	10.80	10.54	10.67	10.67	1.20	ppb
Cobalt	59-2	54.50	55.02	54.14	54.55	0.81	ppb
Copper	63-2	88.84	88.87	86.57	88.09	1.50	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				96		%
Indium	115-2				93		%
Iron	56-2	149678.50	148081.52	146760.28	148173.44	0.99	ppb
Iron	57-2	149372.50	149648.92	145876.49	148299.31	1.42	ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	M3223-04	Instrumnet Name :	P7
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 17:47:08	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	147731.67	145818.10	145760.19	146436.65	0.77	ppb
Krypton	83-1						cps
Lead	206-1	1.97	1.96	2.06	1.99	2.70	ppb
Lead	207-1	1.77	1.80	1.91	1.83	3.82	ppb
Lead	208-1	1.87	1.88	1.99	1.91	3.41	ppb
Lithium	6-1				87		%
Magnesium	24-2	34995.18	35123.01	34432.34	34850.18	1.05	ppb
Manganese	55-2	2147.92	2130.88	2103.09	2127.30	1.06	ppb
Molybdenum	94-1	1.11	1.13	1.10	1.11	1.57	ppb
Molybdenum	95-1	0.17	0.12	0.12	0.14	21.80	ppb
Molybdenum	96-1	0.40	0.38	0.42	0.40	4.45	ppb
Molybdenum	97-1	0.13	0.12	0.11	0.12	7.22	ppb
Molybdenum	98-1	0.14	0.10	0.09	0.11	24.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	48.72	47.58	47.93	48.08	1.22	ppb
Phosphorus	31-2	2781.32	2781.78	2688.83	2750.64	1.95	ppb
Potassium	39-2	1996.88	2002.23	1974.85	1991.32	0.73	ppb
Rhodium	103-1				93		%
Rhodium	103-2				92		%
Scandium	45-1				92		%
Scandium	45-2				91		%
Selenium	82-1	0.26	0.69	1.71	0.89	84.27	ppb
Selenium	77-2	23.02	16.55	22.61	20.73	17.48	ppb
Selenium	78-2	4.35	4.26	3.29	3.97	14.79	ppb
Silicon	28-1	18047.77	18318.36	18316.12	18227.41	0.85	ppb
Silver	107-1	0.01	0.02	0.02	0.02	23.32	ppb
Silver	109-1	0.01	0.03	0.01	0.02	54.82	ppb
Sodium	23-2	41496.54	41707.22	40619.45	41274.40	1.40	ppb
Strontium	86-1	30.31	30.10	30.83	30.41	1.24	ppb
Strontium	88-1	30.86	29.96	31.00	30.61	1.83	ppb
Sulfur	34-1	250095.26	254082.86	252566.17	252248.10	0.80	ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	0.01	-0.01	-0.01	0.00		ppb
Thallium	205-1	-0.01	0.00	-0.01	-0.01		ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	M3223-04	Instrumnet Name :	P7
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 17:47:08	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.11	0.10	0.11	0.11	5.78	ppb
Tin	118-1	0.08	0.05	0.07	0.07	23.02	ppb
Titanium	47-1	5.60	5.87	5.23	5.57	5.77	ppb
Uranium	238-1	3.18	3.21	3.25	3.21	1.08	ppb
Vanadium	51-2	219.24	218.54	213.01	216.93	1.57	ppb
Yttrium	89-1				110		%
Yttrium	89-2				108		%
Zinc	66-2	679.61	675.22	664.28	673.04	1.17	ppb
Zirconium	90-1	0.74	0.72	0.71	0.72	2.23	ppb
Zirconium	91-1	0.73	0.72	0.82	0.76	7.11	ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	M3223-06	Instrumnet Name :	P7
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 17:50:17	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23620.65	23138.55	23468.24	23409.15	1.05	ppb
Antimony	121-1	0.10	0.08	0.10	0.09	10.31	ppb
Arsenic	75-2	4.38	4.28	4.37	4.35	1.26	ppb
Barium	135-1	99.38	100.81	101.58	100.59	1.11	ppb
Barium	137-1	100.06	101.06	102.32	101.15	1.12	ppb
Beryllium	9-1	0.31	0.40	0.41	0.37	15.63	ppb
Bismuth	209-1				99		%
Bismuth	209-2				96		%
Boron	10-1	1358.91	1411.05	1422.22	1397.39	2.42	ppb
Boron	11-1	1386.59	1464.54	1467.10	1439.41	3.18	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.35	0.45	0.34	0.38	16.16	ppb
Cadmium	106-1	1.15	2.67	1.57	1.80	43.44	ppb
Cadmium	108-1	0.58	0.31	0.56	0.48	31.05	ppb
Calcium	43-1	162199.34	161664.16	162827.32	162230.27	0.36	ppb
Calcium	44-1	153771.58	152945.93	153670.42	153462.65	0.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	11.61	11.25	11.76	11.54	2.28	ppb
Cobalt	59-2	60.85	59.92	60.90	60.56	0.91	ppb
Copper	63-2	94.68	93.26	94.51	94.15	0.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				95		%
Indium	115-2				93		%
Iron	56-2	163818.64	161528.38	162021.14	162456.05	0.74	ppb
Iron	57-2	164813.58	158273.26	162220.63	161769.16	2.04	ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	M3223-06	Instrumnet Name :	P7
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 17:50:17	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	162096.48	158574.22	161180.34	160617.01	1.14	ppb
Krypton	83-1						cps
Lead	206-1	1.80	1.88	1.89	1.86	2.69	ppb
Lead	207-1	1.65	1.75	1.80	1.74	4.28	ppb
Lead	208-1	1.75	1.78	1.79	1.77	0.98	ppb
Lithium	6-1				85		%
Magnesium	24-2	37967.40	36692.40	37708.72	37456.17	1.80	ppb
Manganese	55-2	2516.61	2481.34	2513.65	2503.87	0.78	ppb
Molybdenum	94-1	1.16	1.23	1.24	1.21	3.53	ppb
Molybdenum	95-1	0.13	0.10	0.12	0.12	11.68	ppb
Molybdenum	96-1	0.44	0.44	0.44	0.44	0.41	ppb
Molybdenum	97-1	0.14	0.15	0.14	0.14	3.80	ppb
Molybdenum	98-1	0.11	0.12	0.11	0.11	3.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.59	51.30	52.07	51.99	1.25	ppb
Phosphorus	31-2	2227.98	2350.25	2401.20	2326.48	3.83	ppb
Potassium	39-2	2248.95	2211.13	2224.48	2228.19	0.86	ppb
Rhodium	103-1				91		%
Rhodium	103-2				91		%
Scandium	45-1				91		%
Scandium	45-2				90		%
Selenium	82-1	-0.31	0.75	0.09	0.18	301.87	ppb
Selenium	77-2	16.71	20.41	18.81	18.64	9.96	ppb
Selenium	78-2	3.18	4.35	2.71	3.41	24.71	ppb
Silicon	28-1	20525.15	20600.86	20551.34	20559.12	0.19	ppb
Silver	107-1	0.00	0.00	0.01	0.01	113.84	ppb
Silver	109-1	0.02	0.02	0.02	0.02	3.26	ppb
Sodium	23-2	52909.54	51254.68	52382.85	52182.35	1.62	ppb
Strontium	86-1	35.60	35.25	35.82	35.55	0.81	ppb
Strontium	88-1	35.73	35.29	36.01	35.68	1.02	ppb
Sulfur	34-1	282863.93	280656.67	280597.08	281372.56	0.46	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	-0.02	-0.01	-0.02	-0.02		ppb
Thallium	205-1	-0.01	-0.02	0.00	-0.01		ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	M3223-06	Instrumnet Name :	P7
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 17:50:17	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.09	0.09	0.09	0.09	1.99	ppb
Tin	118-1	0.06	0.06	0.06	0.06	3.02	ppb
Titanium	47-1	5.74	5.93	5.85	5.84	1.57	ppb
Uranium	238-1	3.54	3.57	3.66	3.59	1.84	ppb
Vanadium	51-2	232.83	229.57	233.31	231.90	0.88	ppb
Yttrium	89-1				110		%
Yttrium	89-2				109		%
Zinc	66-2	650.03	639.10	649.33	646.15	0.95	ppb
Zirconium	90-1	0.73	0.68	0.81	0.74	8.84	ppb
Zirconium	91-1	0.85	0.76	0.75	0.79	7.21	ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	M3223-02DUP	Instrumnet Name :	P7
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 17:53:21	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14999.65	15017.83	15127.12	15048.20	0.46	ppb
Antimony	121-1	0.08	0.09	0.05	0.08	27.16	ppb
Arsenic	75-2	4.33	4.21	4.20	4.25	1.68	ppb
Barium	135-1	100.32	100.88	99.51	100.23	0.68	ppb
Barium	137-1	101.58	100.77	102.07	101.47	0.65	ppb
Beryllium	9-1	0.28	0.31	0.30	0.30	5.37	ppb
Bismuth	209-1				100		%
Bismuth	209-2				97		%
Boron	10-1	1184.01	1201.50	1259.68	1215.06	3.26	ppb
Boron	11-1	1213.16	1246.07	1300.88	1253.37	3.54	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.45	0.39	0.34	0.39	14.49	ppb
Cadmium	106-1	1.81	0.62	0.66	1.03	65.67	ppb
Cadmium	108-1	0.96	0.90	0.67	0.84	17.91	ppb
Calcium	43-1	166303.59	167222.78	165663.23	166396.53	0.47	ppb
Calcium	44-1	158763.22	158041.47	158034.20	158279.63	0.26	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8.76	8.61	8.67	8.68	0.83	ppb
Cobalt	59-2	49.81	49.92	49.78	49.84	0.15	ppb
Copper	63-2	79.44	81.01	81.04	80.50	1.14	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				95		%
Indium	115-2				93		%
Iron	56-2	129726.80	129731.96	129103.91	129520.89	0.28	ppb
Iron	57-2	130538.01	131720.10	130929.43	131062.51	0.46	ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	M3223-02DUP	Instrumnet Name :	P7
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 17:53:21	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	128188.82	128597.07	128892.86	128559.58	0.27	ppb
Krypton	83-1						cps
Lead	206-1	1.23	1.18	1.19	1.20	2.05	ppb
Lead	207-1	1.16	1.11	1.09	1.12	3.13	ppb
Lead	208-1	1.15	1.16	1.15	1.15	0.27	ppb
Lithium	6-1				84		%
Magnesium	24-2	28892.00	29030.51	29402.14	29108.22	0.91	ppb
Manganese	55-2	2353.95	2345.39	2350.62	2349.99	0.18	ppb
Molybdenum	94-1	1.20	1.18	1.21	1.19	1.17	ppb
Molybdenum	95-1	0.13	0.17	0.14	0.15	13.80	ppb
Molybdenum	96-1	0.38	0.43	0.45	0.42	9.08	ppb
Molybdenum	97-1	0.12	0.16	0.12	0.13	19.15	ppb
Molybdenum	98-1	0.12	0.13	0.12	0.12	6.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	41.25	41.63	41.64	41.51	0.53	ppb
Phosphorus	31-2	1345.17	1442.82	1426.77	1404.92	3.73	ppb
Potassium	39-2	2004.87	2024.30	2032.33	2020.50	0.70	ppb
Rhodium	103-1				92		%
Rhodium	103-2				91		%
Scandium	45-1				91		%
Scandium	45-2				90		%
Selenium	82-1	0.85	0.48	0.97	0.76	33.38	ppb
Selenium	77-2	14.67	11.09	16.28	14.01	18.95	ppb
Selenium	78-2	3.03	2.91	2.93	2.96	2.22	ppb
Silicon	28-1	17769.27	17907.01	17669.05	17781.78	0.67	ppb
Silver	107-1	0.01	0.01	0.00	0.01	61.63	ppb
Silver	109-1	0.01	0.01	0.01	0.01	10.43	ppb
Sodium	23-2	50335.89	51135.56	51413.93	50961.79	1.10	ppb
Strontium	86-1	34.90	35.92	35.26	35.36	1.45	ppb
Strontium	88-1	35.85	36.01	35.66	35.84	0.49	ppb
Sulfur	34-1	246231.27	245421.85	241738.65	244463.92	0.98	ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	-0.02	-0.02	-0.02	-0.02		ppb
Thallium	205-1	-0.02	-0.01	-0.02	-0.02		ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	M3223-02DUP	Instrumnet Name :	P7
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 17:53:21	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.04	0.04	0.04	0.04	0.64	ppb
Tin	118-1	0.05	0.06	0.08	0.06	29.82	ppb
Titanium	47-1	3.64	3.92	3.96	3.84	4.59	ppb
Uranium	238-1	3.10	3.06	3.05	3.07	0.91	ppb
Vanadium	51-2	170.83	173.91	171.05	171.93	1.00	ppb
Yttrium	89-1				107		%
Yttrium	89-2				104		%
Zinc	66-2	589.99	596.13	596.22	594.11	0.60	ppb
Zirconium	90-1	0.67	0.69	0.71	0.69	2.99	ppb
Zirconium	91-1	0.74	0.83	0.75	0.77	6.69	ppb

LB Number : LB115682 Operator : JASWAL
 Lab Sample ID : M3223-02LX5 Instrumnet Name : P7
 Client Sample ID : BACKFILL-ASHCROFT-F Dilution Factor : 5
 Date & Time Acquired :: 2021-08-03 17:56:25 DataFile Name : 031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2947.57	2943.43	2963.77	2951.59	0.36	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	6.48	ppb
Arsenic	75-2	0.77	0.89	0.99	0.88	12.52	ppb
Barium	135-1	19.31	19.55	20.58	19.81	3.40	ppb
Barium	137-1	19.71	20.00	20.17	19.96	1.15	ppb
Beryllium	9-1	0.07	0.09	0.07	0.08	10.22	ppb
Bismuth	209-1				106		%
Bismuth	209-2				101		%
Boron	10-1	274.51	287.37	290.17	284.02	2.94	ppb
Boron	11-1	291.02	299.15	303.88	298.01	2.18	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.15	-0.02	-0.08	0.02	718.96	ppb
Cadmium	106-1	1.36	-1.06	-1.88	-0.52		ppb
Cadmium	108-1	0.30	0.17	0.13	0.20	42.98	ppb
Calcium	43-1	32094.74	32340.27	32282.02	32239.01	0.40	ppb
Calcium	44-1	30345.42	30382.43	30614.94	30447.60	0.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.70	1.62	1.67	1.66	2.28	ppb
Cobalt	59-2	9.76	9.77	9.90	9.81	0.78	ppb
Copper	63-2	16.00	16.20	16.11	16.10	0.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	56-2	25280.87	25109.59	25155.81	25182.09	0.35	ppb
Iron	57-2	25548.87	25637.94	25695.09	25627.30	0.29	ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	M3223-02LX5	Instrumnet Name :	P7
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	5
Date & Time Acquired ::	2021-08-03 17:56:25	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	25670.80	25662.49	25710.77	25681.35	0.10	ppb
Krypton	83-1						cps
Lead	206-1	0.26	0.30	0.31	0.29	8.56	ppb
Lead	207-1	0.29	0.28	0.29	0.28	2.26	ppb
Lead	208-1	0.27	0.28	0.29	0.28	2.66	ppb
Lithium	6-1				89		%
Magnesium	24-2	5684.65	5677.17	5653.68	5671.84	0.28	ppb
Manganese	55-2	459.05	458.41	455.94	457.80	0.36	ppb
Molybdenum	94-1	0.24	0.28	0.21	0.24	14.05	ppb
Molybdenum	95-1	0.02	0.01	0.04	0.02	65.54	ppb
Molybdenum	96-1	0.05	0.10	0.09	0.08	34.55	ppb
Molybdenum	97-1	0.05	0.05	0.04	0.05	18.58	ppb
Molybdenum	98-1	0.03	0.04	0.03	0.03	15.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.17	8.40	8.40	8.32	1.61	ppb
Phosphorus	31-2	248.27	216.58	255.80	240.22	8.66	ppb
Potassium	39-2	380.02	389.74	384.15	384.64	1.27	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				95		%
Scandium	45-2				94		%
Selenium	82-1	0.02	-0.72	-0.07	-0.26		ppb
Selenium	77-2	2.82	2.84	1.62	2.43	28.89	ppb
Selenium	78-2	0.41	0.70	0.62	0.58	25.67	ppb
Silicon	28-1	3489.66	3498.49	3456.52	3481.56	0.64	ppb
Silver	107-1	0.00	0.00	0.00	0.00	1039.04	ppb
Silver	109-1	0.00	0.00	0.00	0.00	15.59	ppb
Sodium	23-2	9832.58	9844.50	9898.77	9858.62	0.36	ppb
Strontium	86-1	7.53	7.64	7.61	7.59	0.78	ppb
Strontium	88-1	7.56	7.64	7.67	7.62	0.73	ppb
Sulfur	34-1	46649.69	46951.46	46944.31	46848.48	0.37	ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	-0.05	-0.05	-0.05	-0.05		ppb
Thallium	205-1	-0.05	-0.05	-0.05	-0.05		ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	M3223-02LX5	Instrumnet Name :	P7
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	5
Date & Time Acquired ::	2021-08-03 17:56:25	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	44.18	ppb
Tin	118-1	0.07	0.07	0.07	0.07	5.65	ppb
Titanium	47-1	0.96	0.78	0.77	0.84	12.66	ppb
Uranium	238-1	0.57	0.55	0.57	0.56	1.65	ppb
Vanadium	51-2	32.97	32.93	33.61	33.17	1.16	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	119.79	120.73	121.81	120.78	0.84	ppb
Zirconium	90-1	0.14	0.14	0.14	0.14	1.17	ppb
Zirconium	91-1	0.13	0.16	0.12	0.13	16.21	ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	M3223-02MS	Instrumnet Name :	P7
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 17:59:27	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24318.19	24456.34	23901.90	24225.47	1.19	ppb
Antimony	121-1	478.70	473.61	468.04	473.45	1.13	ppb
Arsenic	75-2	456.19	447.88	451.29	451.79	0.92	ppb
Barium	135-1	2635.96	2591.63	2568.34	2598.64	1.32	ppb
Barium	137-1	2678.97	2624.07	2602.39	2635.14	1.50	ppb
Beryllium	9-1	460.21	460.64	449.80	456.88	1.34	ppb
Bismuth	209-1				97		%
Bismuth	209-2				93		%
Boron	10-1	1587.47	1660.08	1658.75	1635.43	2.54	ppb
Boron	11-1	1636.62	1678.92	1701.98	1672.51	1.98	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	480.93	470.62	469.77	473.77	1.31	ppb
Cadmium	106-1	483.99	456.88	464.96	468.61	2.97	ppb
Cadmium	108-1	490.35	488.33	482.78	487.15	0.80	ppb
Calcium	43-1	210444.63	210370.92	207160.86	209325.47	0.90	ppb
Calcium	44-1	199762.45	198326.00	193593.25	197227.23	1.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	499.38	498.68	495.89	497.99	0.37	ppb
Cobalt	59-2	541.31	540.46	538.20	539.99	0.30	ppb
Copper	63-2	5623.14	5643.86	5524.99	5597.33	1.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				96		%
Indium	115-1				92		%
Indium	115-2				88		%
Iron	56-2	149130.72	149106.08	148722.02	148986.27	0.15	ppb
Iron	57-2	150446.16	150087.83	147684.91	149406.30	1.00	ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	M3223-02MS	Instrumnet Name :	P7
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 17:59:27	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	147955.27	148565.39	146401.76	147640.81	0.76	ppb
Krypton	83-1						cps
Lead	206-1	2626.49	2566.11	2544.21	2578.94	1.65	ppb
Lead	207-1	2679.89	2593.33	2563.31	2612.17	2.32	ppb
Lead	208-1	2662.64	2583.57	2558.25	2601.49	2.09	ppb
Lithium	6-1				83		%
Magnesium	24-2	76474.21	77007.68	75223.38	76235.09	1.20	ppb
Manganese	55-2	7826.34	7762.99	7787.10	7792.15	0.41	ppb
Molybdenum	94-1	3595.85	3530.12	3469.03	3531.67	1.80	ppb
Molybdenum	95-1	4119.14	4073.92	4004.79	4065.95	1.42	ppb
Molybdenum	96-1	4057.40	4002.22	3941.11	4000.25	1.45	ppb
Molybdenum	97-1	4133.44	4102.30	4051.00	4095.58	1.02	ppb
Molybdenum	98-1	4158.12	4102.45	4025.84	4095.47	1.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	527.35	533.18	526.08	528.87	0.72	ppb
Phosphorus	31-2	1282.56	1308.81	1231.82	1274.40	3.07	ppb
Potassium	39-2	27232.21	27056.65	27198.91	27162.59	0.34	ppb
Rhodium	103-1				87		%
Rhodium	103-2				86		%
Scandium	45-1				88		%
Scandium	45-2				86		%
Selenium	82-1	439.88	437.95	431.47	436.43	1.01	ppb
Selenium	77-2	441.51	437.79	466.72	448.68	3.51	ppb
Selenium	78-2	428.36	428.75	434.74	430.61	0.83	ppb
Silicon	28-1	17669.85	17363.65	17073.63	17369.04	1.72	ppb
Silver	107-1	192.68	198.90	194.12	195.23	1.67	ppb
Silver	109-1	172.18	167.23	175.68	171.70	2.47	ppb
Sodium	23-2	98685.54	98431.78	97039.77	98052.36	0.90	ppb
Strontium	86-1	483.72	472.45	472.89	476.36	1.34	ppb
Strontium	88-1	480.12	482.45	476.11	479.56	0.67	ppb
Sulfur	34-1	241632.87	238064.57	231560.83	237086.09	2.15	ppb
Terbium	159-1				99		%
Terbium	159-2				96		%
Thallium	203-1	494.03	484.98	478.13	485.71	1.64	ppb
Thallium	205-1	507.35	493.45	491.18	497.33	1.76	ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	M3223-02MS	Instrumnet Name :	P7
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 17:59:27	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.07	0.07	0.06	0.07	5.52	ppb
Tin	118-1	503.54	492.17	493.48	496.40	1.25	ppb
Titanium	47-1	4512.93	4501.56	4457.90	4490.80	0.65	ppb
Uranium	238-1	515.97	507.35	500.10	507.81	1.57	ppb
Vanadium	51-2	661.77	661.29	654.80	659.29	0.59	ppb
Yttrium	89-1				103		%
Yttrium	89-2				100		%
Zinc	66-2	6151.90	6151.08	6136.22	6146.40	0.14	ppb
Zirconium	90-1	439.53	445.28	435.90	440.24	1.07	ppb
Zirconium	91-1	442.29	438.43	435.33	438.68	0.80	ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	CCV65	Instrumnet Name :	P7
Client Sample ID :	CCV65	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 18:08:34	DataFile Name :	033CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50326.89	49618.10	49611.37	49852.12	0.82	ppb
Antimony	121-1	484.11	488.85	499.05	490.67	1.56	ppb
Arsenic	75-2	494.29	494.96	498.28	495.84	0.43	ppb
Barium	135-1	2472.59	2505.65	2546.26	2508.17	1.47	ppb
Barium	137-1	2527.28	2535.41	2556.48	2539.72	0.59	ppb
Beryllium	9-1	507.06	503.00	505.11	505.06	0.40	ppb
Bismuth	209-1				97		%
Bismuth	209-2				93		%
Boron	10-1	525.17	544.53	557.85	542.52	3.03	ppb
Boron	11-1	524.14	557.46	558.21	546.61	3.56	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	481.81	490.88	494.20	488.96	1.31	ppb
Cadmium	106-1	481.43	501.89	495.28	492.87	2.12	ppb
Cadmium	108-1	487.05	497.74	499.55	494.78	1.36	ppb
Calcium	43-1	245383.55	246529.23	245767.34	245893.38	0.24	ppb
Calcium	44-1	243194.36	243271.36	242618.22	243027.98	0.15	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	508.24	507.22	506.15	507.20	0.21	ppb
Cobalt	59-2	499.18	499.85	497.85	498.96	0.20	ppb
Copper	63-2	5150.71	5166.33	5105.51	5140.85	0.61	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				102		%
Holmium	165-2				97		%
Indium	115-1				94		%
Indium	115-2				90		%
Iron	56-2	129157.05	128671.48	128334.56	128721.03	0.32	ppb
Iron	57-2	128552.70	128282.51	128687.55	128507.59	0.16	ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	CCV65	Instrumnet Name :	P7
Client Sample ID :	CCV65	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 18:08:34	DataFile Name :	033CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	128312.20	128987.25	128374.43	128557.96	0.29	ppb
Krypton	83-1						cps
Lead	206-1	2550.15	2567.98	2600.69	2572.94	1.00	ppb
Lead	207-1	2551.38	2573.46	2654.64	2593.16	2.10	ppb
Lead	208-1	2552.81	2581.09	2629.01	2587.64	1.49	ppb
Lithium	6-1				90		%
Magnesium	24-2	254898.06	255929.05	247857.89	252895.00	1.74	ppb
Manganese	55-2	5016.27	5064.07	5027.76	5036.03	0.50	ppb
Molybdenum	94-1	2539.29	2541.27	2580.96	2553.84	0.92	ppb
Molybdenum	95-1	2528.58	2535.17	2586.98	2550.24	1.25	ppb
Molybdenum	96-1	2505.40	2541.10	2601.48	2549.33	1.90	ppb
Molybdenum	97-1	2515.09	2553.46	2596.30	2554.95	1.59	ppb
Molybdenum	98-1	2515.82	2556.38	2582.08	2551.43	1.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	493.22	492.32	491.20	492.25	0.21	ppb
Phosphorus	31-2	10035.44	10013.12	9921.02	9989.86	0.61	ppb
Potassium	39-2	126733.76	126618.79	125813.79	126388.78	0.40	ppb
Rhodium	103-1				91		%
Rhodium	103-2				88		%
Scandium	45-1				95		%
Scandium	45-2				92		%
Selenium	82-1	479.31	495.64	488.08	487.68	1.68	ppb
Selenium	77-2	478.04	473.94	490.87	480.95	1.84	ppb
Selenium	78-2	500.51	493.92	491.52	495.32	0.94	ppb
Silicon	28-1	371.97	387.24	390.44	383.22	2.58	ppb
Silver	107-1	512.83	518.87	530.91	520.87	1.77	ppb
Silver	109-1	512.29	522.59	526.38	520.42	1.40	ppb
Sodium	23-2	254945.71	254719.71	250892.47	253519.30	0.90	ppb
Strontium	86-1	506.91	507.20	508.02	507.38	0.11	ppb
Strontium	88-1	505.87	509.62	514.06	509.85	0.80	ppb
Sulfur	34-1	9189.70	9392.77	9529.14	9370.54	1.82	ppb
Terbium	159-1				101		%
Terbium	159-2				97		%
Thallium	203-1	499.97	504.71	516.93	507.21	1.72	ppb
Thallium	205-1	513.61	519.47	522.18	518.42	0.85	ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	CCV65	Instrumnet Name :	P7
Client Sample ID :	CCV65	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 18:08:34	DataFile Name :	033CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	530.36	535.30	538.34	534.66	0.75	ppb
Tin	118-1	486.78	497.41	501.36	495.18	1.52	ppb
Titanium	47-1	2521.89	2558.70	2552.99	2544.53	0.78	ppb
Uranium	238-1	527.33	535.00	543.72	535.35	1.53	ppb
Vanadium	51-2	511.05	507.50	506.76	508.44	0.45	ppb
Yttrium	89-1				98		%
Yttrium	89-2				93		%
Zinc	66-2	5145.97	5152.54	5138.94	5145.82	0.13	ppb
Zirconium	90-1	508.11	510.26	514.39	510.92	0.62	ppb
Zirconium	91-1	504.71	509.35	515.18	509.74	1.03	ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	CCB65	Instrumnet Name :	P7
Client Sample ID :	CCB65	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 18:13:58	DataFile Name :	034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.89	1.41	1.23	1.18	22.31	ppb
Antimony	121-1	0.15	0.11	0.14	0.13	16.94	ppb
Arsenic	75-2	0.02	0.01	0.00	0.01	58.67	ppb
Barium	135-1	0.03	0.02	0.03	0.03	14.95	ppb
Barium	137-1	0.05	0.02	0.03	0.03	51.63	ppb
Beryllium	9-1	0.06	0.04	0.02	0.04	42.75	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Boron	10-1	25.51	25.67	23.60	24.93	4.62	ppb
Boron	11-1	26.16	26.85	25.23	26.08	3.12	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.20	-0.09	-0.22	-0.17		ppb
Cadmium	106-1	-2.91	-1.28	-3.10	-2.43		ppb
Cadmium	108-1	0.12	-0.03	-0.06	0.01	970.04	ppb
Calcium	43-1	7.55	4.99	3.83	5.46	34.81	ppb
Calcium	44-1	3.80	1.90	2.23	2.64	38.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.05	0.00	0.02	186.02	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	58.56	ppb
Copper	63-2	0.20	0.16	0.14	0.17	19.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	2.17	2.41	2.62	2.40	9.38	ppb
Iron	57-2	3.14	3.26	2.44	2.95	15.00	ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	CCB65	Instrumnet Name :	P7
Client Sample ID :	CCB65	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 18:13:58	DataFile Name :	034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	1.80	3.37	0.91	2.03	61.43	ppb
Krypton	83-1						cps
Lead	206-1	0.29	0.29	0.25	0.28	9.06	ppb
Lead	207-1	0.25	0.27	0.26	0.26	3.46	ppb
Lead	208-1	0.28	0.26	0.25	0.26	5.77	ppb
Lithium	6-1				95		%
Magnesium	24-2	3.51	3.28	3.88	3.56	8.48	ppb
Manganese	55-2	0.08	0.08	0.12	0.09	27.91	ppb
Molybdenum	94-1	0.21	0.16	0.19	0.19	14.51	ppb
Molybdenum	95-1	0.27	0.25	0.20	0.24	14.90	ppb
Molybdenum	96-1	0.24	0.21	0.17	0.21	18.99	ppb
Molybdenum	97-1	0.30	0.22	0.18	0.24	25.80	ppb
Molybdenum	98-1	0.22	0.18	0.14	0.18	21.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.00	0.00	0.01	305.56	ppb
Phosphorus	31-2	-20.12	-0.89	-11.58	-10.86		ppb
Potassium	39-2	5.27	3.04	4.91	4.40	27.13	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	0.35	-0.18	0.12	0.09	283.12	ppb
Selenium	77-2	0.00	0.00	0.41	0.14	173.21	ppb
Selenium	78-2	-0.11	-0.06	0.37	0.07	398.42	ppb
Silicon	28-1	-1.59	-1.24	-0.70	-1.17		ppb
Silver	107-1	0.09	0.08	0.07	0.08	13.48	ppb
Silver	109-1	0.09	0.10	0.07	0.09	14.98	ppb
Sodium	23-2	35.22	32.73	33.91	33.96	3.67	ppb
Strontium	86-1	0.00	0.00	0.00	0.00	111.52	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	21.22	ppb
Sulfur	34-1	-1482.63	-1275.24	-1143.68	-1300.52		ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	0.04	0.02	0.03	0.03	38.11	ppb
Thallium	205-1	0.03	0.03	0.02	0.03	20.39	ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	CCB65	Instrumnet Name :	P7
Client Sample ID :	CCB65	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 18:13:58	DataFile Name :	034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.04	0.04	0.04	0.04	4.60	ppb
Tin	118-1	0.03	0.05	0.03	0.04	36.25	ppb
Titanium	47-1	0.13	0.10	-0.01	0.07	105.40	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	24.23	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	30.12	ppb
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	-0.10	-0.28	-0.33	-0.23		ppb
Zirconium	90-1	0.03	0.03	0.03	0.03	16.19	ppb
Zirconium	91-1	0.04	0.04	0.04	0.04	6.74	ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	PB138100TB	Instrumnet Name :	P7
Client Sample ID :	PB138100TB	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 18:19:58	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.62	-1.68	-2.24	-1.85		ppb
Antimony	121-1	0.05	0.04	0.03	0.04	22.89	ppb
Arsenic	75-2	-0.01	-0.02	-0.01	-0.01		ppb
Barium	135-1	0.00	0.01	0.00	0.00	580.98	ppb
Barium	137-1	0.01	0.01	0.00	0.01	140.23	ppb
Beryllium	9-1	0.04	0.02	0.01	0.02	71.50	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Boron	10-1	17.78	16.54	17.11	17.14	3.63	ppb
Boron	11-1	18.47	17.25	17.28	17.66	3.95	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.13	0.00	-0.08	-0.07		ppb
Cadmium	106-1	-1.70	-0.09	-1.35	-1.05		ppb
Cadmium	108-1	-0.05	-0.08	-0.24	-0.13		ppb
Calcium	43-1	4.26	2.16	0.52	2.31	80.97	ppb
Calcium	44-1	1.09	1.72	3.11	1.97	52.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.01	0.03	0.02	51.61	ppb
Cobalt	59-2	0.00	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.08	0.07	0.05	0.06	27.64	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				102		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	0.28	0.47	0.17	0.31	50.01	ppb
Iron	57-2	0.13	1.20	0.86	0.73	74.55	ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	PB138100TB	Instrumnet Name :	P7
Client Sample ID :	PB138100TB	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 18:19:58	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	-0.68	0.53	-0.59	-0.25		ppb
Krypton	83-1						cps
Lead	206-1	0.21	0.20	0.24	0.22	8.96	ppb
Lead	207-1	0.22	0.23	0.22	0.22	3.57	ppb
Lead	208-1	0.21	0.22	0.23	0.22	4.45	ppb
Lithium	6-1				95		%
Magnesium	24-2	0.41	0.13	0.55	0.36	59.53	ppb
Manganese	55-2	0.03	0.04	0.04	0.04	11.08	ppb
Molybdenum	94-1	0.05	0.01	0.02	0.03	67.65	ppb
Molybdenum	95-1	0.05	0.04	0.04	0.04	10.13	ppb
Molybdenum	96-1	0.06	0.04	0.06	0.05	16.63	ppb
Molybdenum	97-1	0.06	0.09	0.03	0.06	56.64	ppb
Molybdenum	98-1	0.03	0.03	0.03	0.03	3.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.02	0.01	0.00	447.88	ppb
Phosphorus	31-2	-2.77	-7.08	-4.59	-4.81		ppb
Potassium	39-2	0.45	0.31	-2.89	-0.71		ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	82-1	0.76	0.50	-0.49	0.26	255.63	ppb
Selenium	77-2	0.00	0.00	0.40	0.13	173.21	ppb
Selenium	78-2	0.11	0.32	-0.05	0.13	144.48	ppb
Silicon	28-1	-0.23	-0.61	-0.97	-0.60		ppb
Silver	107-1	0.05	0.06	0.04	0.05	20.38	ppb
Silver	109-1	0.06	0.05	0.03	0.05	27.84	ppb
Sodium	23-2	16.11	14.04	15.21	15.12	6.88	ppb
Strontium	86-1	0.00	0.01	0.00	0.00	451.68	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	29.81	ppb
Sulfur	34-1	-823.65	-737.61	-936.19	-832.48		ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	-0.04	-0.03	-0.04	-0.04		ppb
Thallium	205-1	-0.04	-0.04	-0.04	-0.04		ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	PB138100TB	Instrumnet Name :	P7
Client Sample ID :	PB138100TB	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 18:19:58	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	75.84	ppb
Tin	118-1	0.04	0.03	0.03	0.03	20.75	ppb
Titanium	47-1	0.08	0.02	0.02	0.04	81.16	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	531.93	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	-0.09	-0.09	0.02	-0.05		ppb
Zirconium	90-1	0.00	-0.01	0.01	0.00	464.51	ppb
Zirconium	91-1	0.03	0.03	0.01	0.02	42.92	ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	M3119-02DLX5	Instrumnet Name :	P7
Client Sample ID :	TOP-SOIL-GRILLIO-1DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-03 18:23:02	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12222.04	12061.83	12033.99	12105.95	0.84	ppb
Antimony	121-1	0.13	0.11	0.15	0.13	12.22	ppb
Arsenic	75-2	5.21	5.96	5.53	5.57	6.83	ppb
Barium	135-1	25.46	26.75	26.81	26.34	2.89	ppb
Barium	137-1	25.48	26.90	27.57	26.65	4.01	ppb
Beryllium	9-1	1.99	1.85	1.95	1.93	3.84	ppb
Bismuth	209-1				104		%
Bismuth	209-2				100		%
Boron	10-1	108.73	114.90	123.19	115.61	6.27	ppb
Boron	11-1	112.74	116.38	122.70	117.27	4.30	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.98	2.06	2.01	2.02	2.04	ppb
Cadmium	106-1	1.52	1.36	0.92	1.27	24.62	ppb
Cadmium	108-1	1.49	1.63	1.68	1.60	6.06	ppb
Calcium	43-1	55539.76	57187.24	57706.31	56811.10	1.99	ppb
Calcium	44-1	52304.63	53582.17	54069.16	53318.65	1.71	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8.36	8.14	8.33	8.28	1.42	ppb
Cobalt	59-2	23.22	22.96	23.10	23.09	0.55	ppb
Copper	63-2	62.00	61.84	61.01	61.61	0.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				95		%
Iron	56-2	14249.36	14221.20	14148.64	14206.40	0.37	ppb
Iron	57-2	14566.99	14546.08	14428.80	14513.96	0.51	ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	M3119-02DLX5	Instrumnet Name :	P7
Client Sample ID :	TOP-SOIL-GRILLIO-1DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-03 18:23:02	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	14686.77	14559.44	14511.07	14585.76	0.62	ppb
Krypton	83-1						cps
Lead	206-1	55.49	57.80	59.23	57.51	3.28	ppb
Lead	207-1	52.99	54.23	55.58	54.27	2.39	ppb
Lead	208-1	54.05	55.69	56.63	55.46	2.35	ppb
Lithium	6-1				93		%
Magnesium	24-2	8186.62	8144.83	8132.76	8154.74	0.35	ppb
Manganese	55-2	2587.32	2572.68	2553.67	2571.22	0.66	ppb
Molybdenum	94-1	0.86	0.84	0.92	0.87	5.14	ppb
Molybdenum	95-1	0.09	0.05	0.09	0.08	30.79	ppb
Molybdenum	96-1	0.14	0.15	0.14	0.14	3.81	ppb
Molybdenum	97-1	0.05	0.08	0.05	0.06	22.18	ppb
Molybdenum	98-1	0.04	0.04	0.03	0.04	18.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	38.49	37.19	37.57	37.75	1.78	ppb
Phosphorus	31-2	1093.96	968.45	955.39	1005.93	7.61	ppb
Potassium	39-2	5370.14	5311.74	5291.31	5324.40	0.77	ppb
Rhodium	103-1				98		%
Rhodium	103-2				95		%
Scandium	45-1				97		%
Scandium	45-2				93		%
Selenium	82-1	-0.13	0.07	-0.02	-0.03		ppb
Selenium	77-2	5.12	6.73	10.23	7.36	35.46	ppb
Selenium	78-2	0.86	3.65	1.57	2.03	71.47	ppb
Silicon	28-1	4160.24	4220.28	4281.68	4220.74	1.44	ppb
Silver	107-1	0.01	0.02	0.01	0.02	29.71	ppb
Silver	109-1	0.01	0.01	0.02	0.02	11.84	ppb
Sodium	23-2	2705.08	2657.21	2653.33	2671.87	1.08	ppb
Strontium	86-1	18.42	19.18	19.50	19.03	2.90	ppb
Strontium	88-1	18.57	19.27	19.38	19.07	2.30	ppb
Sulfur	34-1	85048.45	86652.03	87075.36	86258.61	1.24	ppb
Terbium	159-1				103		%
Terbium	159-2				99		%
Thallium	203-1	0.03	0.05	0.04	0.04	17.97	ppb
Thallium	205-1	0.03	0.04	0.04	0.04	16.36	ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	M3119-02DLX5	Instrumnet Name :	P7
Client Sample ID :	TOP-SOIL-GRILLIO-1DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-03 18:23:02	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.12	0.12	0.13	0.12	3.04	ppb
Tin	118-1	0.03	0.05	0.06	0.05	26.29	ppb
Titanium	47-1	5.06	5.18	5.10	5.12	1.20	ppb
Uranium	238-1	0.61	0.65	0.66	0.64	4.13	ppb
Vanadium	51-2	79.09	78.65	77.37	78.37	1.14	ppb
Yttrium	89-1				106		%
Yttrium	89-2				102		%
Zinc	66-2	500.89	492.59	494.11	495.86	0.89	ppb
Zirconium	90-1	0.48	0.56	0.50	0.51	7.67	ppb
Zirconium	91-1	0.46	0.53	0.52	0.50	7.60	ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	M3223-02MSD	Instrumnet Name :	P7
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 18:26:05	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24181.95	24029.13	24242.40	24151.16	0.46	ppb
Antimony	121-1	468.40	470.00	476.24	471.55	0.88	ppb
Arsenic	75-2	449.49	453.66	449.02	450.72	0.57	ppb
Barium	135-1	2541.05	2564.57	2610.21	2571.94	1.37	ppb
Barium	137-1	2538.21	2575.38	2605.04	2572.88	1.30	ppb
Beryllium	9-1	452.90	460.56	451.14	454.87	1.10	ppb
Bismuth	209-1				96		%
Bismuth	209-2				93		%
Boron	10-1	1553.90	1620.99	1641.48	1605.46	2.85	ppb
Boron	11-1	1582.23	1661.03	1683.82	1642.36	3.25	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	471.29	468.84	473.98	471.37	0.55	ppb
Cadmium	106-1	467.18	474.85	467.72	469.92	0.91	ppb
Cadmium	108-1	478.60	479.49	492.70	483.60	1.63	ppb
Calcium	43-1	209163.11	209460.67	210023.40	209549.06	0.21	ppb
Calcium	44-1	195557.55	196965.03	196179.79	196234.12	0.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	493.66	494.97	496.82	495.15	0.32	ppb
Cobalt	59-2	524.78	534.11	534.31	531.07	1.03	ppb
Copper	63-2	3363.01	3391.22	3394.51	3382.91	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				98		%
Holmium	165-2				96		%
Indium	115-1				91		%
Indium	115-2				88		%
Iron	56-2	148280.91	147390.98	148600.94	148090.94	0.42	ppb
Iron	57-2	149320.12	148283.55	148634.85	148746.17	0.35	ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	M3223-02MSD	Instrumnet Name :	P7
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 18:26:05	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	146686.88	148501.30	147522.09	147570.09	0.62	ppb
Krypton	83-1						cps
Lead	206-1	2466.52	2560.34	2549.52	2525.46	2.03	ppb
Lead	207-1	2514.54	2627.61	2593.67	2578.61	2.25	ppb
Lead	208-1	2512.08	2597.87	2566.18	2558.71	1.70	ppb
Lithium	6-1				83		%
Magnesium	24-2	75517.78	76058.92	76362.35	75979.68	0.56	ppb
Manganese	55-2	7770.65	7776.97	7754.99	7767.54	0.15	ppb
Molybdenum	94-1	3511.13	3448.46	3555.77	3505.12	1.54	ppb
Molybdenum	95-1	4036.40	4029.19	4146.09	4070.56	1.61	ppb
Molybdenum	96-1	3937.58	3935.09	4059.71	3977.46	1.79	ppb
Molybdenum	97-1	3990.46	4009.67	4130.75	4043.63	1.88	ppb
Molybdenum	98-1	4084.11	4058.78	4136.31	4093.07	0.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	516.44	521.64	524.81	520.97	0.81	ppb
Phosphorus	31-2	1333.89	1272.29	1271.15	1292.45	2.78	ppb
Potassium	39-2	27020.16	26859.95	26992.53	26957.55	0.32	ppb
Rhodium	103-1				86		%
Rhodium	103-2				87		%
Scandium	45-1				88		%
Scandium	45-2				88		%
Selenium	82-1	434.14	433.77	437.76	435.22	0.51	ppb
Selenium	77-2	442.24	452.99	451.56	448.93	1.30	ppb
Selenium	78-2	434.06	429.43	426.24	429.91	0.91	ppb
Silicon	28-1	17216.54	17520.48	17524.98	17420.67	1.01	ppb
Silver	107-1	185.00	236.32	216.67	212.66	12.18	ppb
Silver	109-1	221.42	185.59	185.92	197.64	10.42	ppb
Sodium	23-2	96079.84	97627.99	97826.06	97177.96	0.98	ppb
Strontium	86-1	454.47	450.88	458.39	454.58	0.83	ppb
Strontium	88-1	454.01	453.55	461.43	456.33	0.97	ppb
Sulfur	34-1	238249.99	236937.25	235381.60	236856.28	0.61	ppb
Terbium	159-1				98		%
Terbium	159-2				96		%
Thallium	203-1	474.68	492.79	481.18	482.88	1.90	ppb
Thallium	205-1	483.58	499.25	497.28	493.37	1.73	ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	M3223-02MSD	Instrumnet Name :	P7
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 18:26:05	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.09	0.08	0.08	0.08	2.62	ppb
Tin	118-1	491.85	487.72	496.45	492.01	0.89	ppb
Titanium	47-1	4441.74	4461.11	4427.53	4443.46	0.38	ppb
Uranium	238-1	494.90	510.98	503.31	503.06	1.60	ppb
Vanadium	51-2	650.85	656.75	656.37	654.66	0.50	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	5879.61	5915.52	5915.10	5903.41	0.35	ppb
Zirconium	90-1	436.38	433.59	441.32	437.09	0.90	ppb
Zirconium	91-1	436.56	435.08	443.62	438.42	1.04	ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	M3223-02A	Instrumnet Name :	P7
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 18:28:59	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24399.83	24343.98	23834.26	24192.69	1.29	ppb
Antimony	121-1	488.61	481.54	478.64	482.93	1.06	ppb
Arsenic	75-2	454.26	450.36	449.37	451.33	0.57	ppb
Barium	135-1	2671.88	2641.39	2614.78	2642.68	1.08	ppb
Barium	137-1	2717.13	2693.59	2626.59	2679.10	1.75	ppb
Beryllium	9-1	453.33	460.99	454.02	456.12	0.93	ppb
Bismuth	209-1				95		%
Bismuth	209-2				93		%
Boron	10-1	1635.81	1671.82	1671.86	1659.83	1.25	ppb
Boron	11-1	1647.00	1711.50	1725.84	1694.78	2.48	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	488.35	482.69	473.99	481.68	1.50	ppb
Cadmium	106-1	491.85	474.22	470.19	478.75	2.41	ppb
Cadmium	108-1	504.88	489.04	490.88	494.93	1.75	ppb
Calcium	43-1	211461.57	211426.28	209894.54	210927.46	0.42	ppb
Calcium	44-1	198829.51	200506.65	197935.71	199090.62	0.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	495.50	503.51	490.42	496.48	1.33	ppb
Cobalt	59-2	535.46	544.35	526.22	535.34	1.69	ppb
Copper	63-2	4548.14	4553.09	4508.96	4536.73	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				97		%
Holmium	165-2				97		%
Indium	115-1				89		%
Indium	115-2				89		%
Iron	56-2	149109.26	150857.62	145458.93	148475.27	1.86	ppb
Iron	57-2	147902.75	150185.32	145862.46	147983.51	1.46	ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	M3223-02A	Instrumnet Name :	P7
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 18:28:59	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	148697.05	149970.16	145054.86	147907.36	1.72	ppb
Krypton	83-1						cps
Lead	206-1	2617.90	2620.75	2516.44	2585.03	2.30	ppb
Lead	207-1	2680.76	2608.33	2590.21	2626.43	1.82	ppb
Lead	208-1	2646.21	2603.61	2569.70	2606.51	1.47	ppb
Lithium	6-1				84		%
Magnesium	24-2	76295.93	76622.03	74180.96	75699.64	1.75	ppb
Manganese	55-2	7856.44	7952.39	7641.87	7816.90	2.03	ppb
Molybdenum	94-1	3546.00	3567.57	3504.24	3539.27	0.91	ppb
Molybdenum	95-1	4076.64	4142.70	4041.45	4086.93	1.26	ppb
Molybdenum	96-1	4038.12	4071.65	3951.85	4020.54	1.54	ppb
Molybdenum	97-1	4116.34	4117.19	4071.61	4101.71	0.64	ppb
Molybdenum	98-1	4134.24	4148.10	4072.66	4118.33	0.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	522.56	531.62	519.16	524.45	1.23	ppb
Phosphorus	31-2	1374.45	1297.56	1248.99	1307.00	4.84	ppb
Potassium	39-2	27499.06	27551.60	26612.15	27220.93	1.94	ppb
Rhodium	103-1				86		%
Rhodium	103-2				88		%
Scandium	45-1				87		%
Scandium	45-2				89		%
Selenium	82-1	437.89	445.09	429.30	437.43	1.81	ppb
Selenium	77-2	421.87	429.75	442.66	431.43	2.43	ppb
Selenium	78-2	437.92	431.59	442.58	437.37	1.26	ppb
Silicon	28-1	17644.20	17732.27	17168.18	17514.88	1.73	ppb
Silver	107-1	178.95	177.72	173.75	176.81	1.54	ppb
Silver	109-1	208.79	244.88	188.51	214.06	13.34	ppb
Sodium	23-2	97373.20	98057.97	96557.62	97329.60	0.77	ppb
Strontium	86-1	474.19	472.06	464.46	470.24	1.09	ppb
Strontium	88-1	475.94	475.30	467.34	472.86	1.01	ppb
Sulfur	34-1	238400.06	238797.02	235849.67	237682.25	0.67	ppb
Terbium	159-1				96		%
Terbium	159-2				97		%
Thallium	203-1	495.92	490.44	477.00	487.79	2.00	ppb
Thallium	205-1	502.54	505.93	487.70	498.72	1.94	ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	M3223-02A	Instrumnet Name :	P7
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 18:28:59	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.07	0.07	0.07	0.07	0.58	ppb
Tin	118-1	510.77	507.48	495.00	504.42	1.65	ppb
Titanium	47-1	4480.55	4533.39	4427.61	4480.52	1.18	ppb
Uranium	238-1	513.54	515.03	495.66	508.08	2.12	ppb
Vanadium	51-2	657.78	663.98	647.85	656.54	1.24	ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	5980.62	6093.68	5947.80	6007.37	1.27	ppb
Zirconium	90-1	441.70	443.84	436.94	440.83	0.80	ppb
Zirconium	91-1	444.39	443.95	435.88	441.41	1.09	ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	CCV66	Instrumnet Name :	P7
Client Sample ID :	CCV66	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 18:35:39	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50954.50	50094.65	50039.13	50362.76	1.02	ppb
Antimony	121-1	477.14	485.48	489.39	484.00	1.29	ppb
Arsenic	75-2	492.46	493.64	491.77	492.62	0.19	ppb
Barium	135-1	2444.58	2485.62	2497.99	2476.06	1.13	ppb
Barium	137-1	2491.70	2500.43	2521.43	2504.52	0.61	ppb
Beryllium	9-1	496.12	503.73	512.18	504.01	1.59	ppb
Bismuth	209-1				96		%
Bismuth	209-2				91		%
Boron	10-1	524.47	550.64	571.79	548.97	4.32	ppb
Boron	11-1	522.02	553.75	574.58	550.12	4.81	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	470.68	484.04	486.56	480.42	1.78	ppb
Cadmium	106-1	476.29	481.78	492.27	483.45	1.68	ppb
Cadmium	108-1	474.85	482.76	483.58	480.40	1.00	ppb
Calcium	43-1	245772.02	249034.01	253401.49	249402.51	1.53	ppb
Calcium	44-1	245404.04	246643.54	249619.24	247222.27	0.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	504.11	501.57	500.12	501.93	0.40	ppb
Cobalt	59-2	499.04	496.77	493.60	496.47	0.55	ppb
Copper	63-2	5170.07	5143.23	5100.80	5138.03	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				96		%
Indium	115-1				94		%
Indium	115-2				90		%
Iron	56-2	129138.76	127615.31	127839.15	128197.74	0.64	ppb
Iron	57-2	128882.03	128421.15	128899.19	128734.12	0.21	ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	CCV66	Instrumnet Name :	P7
Client Sample ID :	CCV66	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 18:35:39	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	128585.65	127234.47	126911.59	127577.24	0.70	ppb
Krypton	83-1						cps
Lead	206-1	2514.43	2613.01	2545.30	2557.58	1.97	ppb
Lead	207-1	2538.84	2613.31	2602.96	2585.04	1.56	ppb
Lead	208-1	2519.00	2603.71	2590.07	2570.93	1.77	ppb
Lithium	6-1				88		%
Magnesium	24-2	254417.60	246188.88	249874.23	250160.24	1.65	ppb
Manganese	55-2	5061.84	5022.86	5067.16	5050.62	0.48	ppb
Molybdenum	94-1	2447.36	2535.64	2580.42	2521.14	2.69	ppb
Molybdenum	95-1	2465.62	2521.64	2579.99	2522.42	2.27	ppb
Molybdenum	96-1	2456.74	2520.52	2558.83	2512.03	2.05	ppb
Molybdenum	97-1	2442.30	2519.12	2590.78	2517.40	2.95	ppb
Molybdenum	98-1	2452.91	2524.42	2559.39	2512.24	2.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	492.74	489.37	490.33	490.81	0.35	ppb
Phosphorus	31-2	9946.20	9881.44	9879.88	9902.51	0.38	ppb
Potassium	39-2	126303.83	124927.24	124948.88	125393.32	0.63	ppb
Rhodium	103-1				90		%
Rhodium	103-2				87		%
Scandium	45-1				94		%
Scandium	45-2				92		%
Selenium	82-1	464.84	484.73	495.91	481.83	3.27	ppb
Selenium	77-2	492.79	469.51	470.66	477.65	2.75	ppb
Selenium	78-2	505.21	499.73	492.37	499.10	1.29	ppb
Silicon	28-1	416.19	444.65	464.81	441.88	5.53	ppb
Silver	107-1	504.69	510.30	513.30	509.43	0.86	ppb
Silver	109-1	503.62	509.17	508.59	507.12	0.60	ppb
Sodium	23-2	253587.57	253182.31	249607.87	252125.91	0.87	ppb
Strontium	86-1	488.82	506.29	518.26	504.46	2.93	ppb
Strontium	88-1	490.40	509.82	519.76	506.66	2.95	ppb
Sulfur	34-1	8788.49	8966.56	9347.54	9034.20	3.16	ppb
Terbium	159-1				101		%
Terbium	159-2				96		%
Thallium	203-1	489.76	511.42	498.48	499.89	2.18	ppb
Thallium	205-1	505.55	524.09	514.11	514.58	1.80	ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	CCV66	Instrumnet Name :	P7
Client Sample ID :	CCV66	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 18:35:39	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	517.10	534.05	533.03	528.06	1.80	ppb
Tin	118-1	483.71	494.69	493.13	490.51	1.21	ppb
Titanium	47-1	2479.71	2502.36	2539.50	2507.19	1.20	ppb
Uranium	238-1	522.40	552.09	545.22	539.90	2.88	ppb
Vanadium	51-2	508.61	503.06	504.19	505.29	0.58	ppb
Yttrium	89-1				97		%
Yttrium	89-2				93		%
Zinc	66-2	5107.31	5104.04	5068.22	5093.19	0.43	ppb
Zirconium	90-1	495.42	504.70	520.20	506.77	2.47	ppb
Zirconium	91-1	490.45	504.24	516.32	503.67	2.57	ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	CCB66	Instrumnet Name :	P7
Client Sample ID :	CCB66	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 18:45:13	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.04	0.39	0.40	0.25	101.28	ppb
Antimony	121-1	0.09	0.09	0.08	0.09	10.33	ppb
Arsenic	75-2	0.00	0.03	0.02	0.01	109.41	ppb
Barium	135-1	0.00	0.04	0.03	0.02	81.57	ppb
Barium	137-1	0.04	0.02	0.03	0.03	24.33	ppb
Beryllium	9-1	0.04	0.02	0.03	0.03	31.83	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Boron	10-1	18.50	21.16	18.97	19.55	7.27	ppb
Boron	11-1	20.07	20.20	18.80	19.69	3.93	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.17	-0.05	-0.37	-0.20		ppb
Cadmium	106-1	-2.37	-0.69	-4.67	-2.58		ppb
Cadmium	108-1	-0.10	-0.05	0.03	-0.04		ppb
Calcium	43-1	2.62	0.99	4.23	2.61	62.10	ppb
Calcium	44-1	2.14	1.54	1.99	1.89	16.53	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.03	-0.01	0.01	365.33	ppb
Cobalt	59-2	0.00	0.01	0.00	0.01	102.00	ppb
Copper	63-2	0.14	0.21	0.21	0.19	20.70	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				102		%
Indium	115-2				100		%
Iron	56-2	2.93	3.31	3.67	3.30	11.21	ppb
Iron	57-2	3.92	3.48	3.41	3.60	7.67	ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	CCB66	Instrumnet Name :	P7
Client Sample ID :	CCB66	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 18:45:13	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	4.43	3.23	3.53	3.73	16.66	ppb
Krypton	83-1						cps
Lead	206-1	0.39	0.39	0.38	0.38	1.09	ppb
Lead	207-1	0.36	0.39	0.40	0.38	4.91	ppb
Lead	208-1	0.37	0.39	0.37	0.38	3.04	ppb
Lithium	6-1				96		%
Magnesium	24-2	4.31	5.20	5.30	4.94	11.12	ppb
Manganese	55-2	0.11	0.14	0.13	0.13	11.01	ppb
Molybdenum	94-1	0.10	0.09	0.13	0.11	21.13	ppb
Molybdenum	95-1	0.12	0.10	0.07	0.10	21.07	ppb
Molybdenum	96-1	0.09	0.09	0.08	0.09	4.97	ppb
Molybdenum	97-1	0.13	0.09	0.08	0.10	25.56	ppb
Molybdenum	98-1	0.10	0.10	0.06	0.09	25.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.02	0.05	0.01	263.24	ppb
Phosphorus	31-2	-0.08	6.01	-11.53	-1.87		ppb
Potassium	39-2	7.88	5.69	6.55	6.71	16.39	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	82-1	-0.04	0.13	-0.43	-0.11		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.37	-0.75	-0.41	-0.26		ppb
Silicon	28-1	-0.04	-0.44	-0.07	-0.18		ppb
Silver	107-1	0.11	0.13	0.11	0.12	9.47	ppb
Silver	109-1	0.12	0.12	0.10	0.12	10.87	ppb
Sodium	23-2	25.10	25.88	26.75	25.91	3.19	ppb
Strontium	86-1	0.00	0.00	0.00	0.00	70.83	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	9.32	ppb
Sulfur	34-1	-811.52	-903.39	-652.70	-789.20		ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	-0.02	-0.01	-0.03	-0.02		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	CCB66	Instrumnet Name :	P7
Client Sample ID :	CCB66	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 18:45:13	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.00	0.01	0.01	35.05	ppb
Tin	118-1	0.05	0.03	0.03	0.03	31.43	ppb
Titanium	47-1	-0.01	0.00	0.03	0.01	193.14	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	8.58	ppb
Vanadium	51-2	0.02	0.01	0.01	0.01	20.04	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	0.00	-0.02	-0.01	-0.01		ppb
Zirconium	90-1	0.02	0.02	0.03	0.02	33.46	ppb
Zirconium	91-1	0.06	0.06	0.05	0.05	14.61	ppb

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 15:21:37	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	275	383	300	319	17.76	cps
Antimony	121-1	100	75	108	94	18.37	cps
Arsenic	75-2	2	13	9	8	70.51	cps
Barium	135-1	33	42	33	36	13.33	cps
Barium	137-1	50	33	67	50	33.34	cps
Beryllium	9-1	78	56	133	89	45.07	cps
Bismuth	209-1	7650695	7802800	7814941	7756145	1.18	cps
Bismuth	209-2	5294706	5373596	5340445	5336249	0.74	cps
Boron	10-1	292	358	258	303	16.82	cps
Boron	11-1	1492	1392	1542	1475	5.18	cps
Bromine	81-1	7169	6368	6852	6796	5.93	cps
Bromine	81-2	30	60	20	37	56.77	cps
Cadmium	111-1	3428	3244	3323	3331	2.78	cps
Cadmium	106-1	4909	4668	4776	4784	2.53	cps
Cadmium	108-1	42	46	71	53	29.89	cps
Calcium	43-1	117	108	92	106	12.06	cps
Calcium	44-1	4943	5043	4768	4918	2.83	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1237	1243	1310	1263	3.21	cps
Cobalt	59-2	97	87	83	89	7.81	cps
Copper	63-2	563	603	567	578	3.84	cps
Dysprosium	156-1	17	0	17	11	86.60	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	58	75	75	69	13.85	cps
Erbium	164-2	50	50	73	58	23.31	cps
Gadolinium	160-1	100	75	33	69	48.50	cps
Gadolinium	160-2	137	133	110	127	11.47	cps
Holmium	165-1	11928386	11816524	11720294	11821735	0.88	cps
Holmium	165-2	7653432	7547405	7648895	7616578	0.79	cps
Indium	115-1	8546546	8535678	8523870	8535365	0.13	cps
Indium	115-2	2296307	2284813	2282439	2287853	0.32	cps
Iron	56-2	4990	4762	5012	4921	2.81	cps
Iron	57-2	172	117	106	131	27.17	cps

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 15:21:37	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	761	811	1031	868	16.57	cps
Krypton	83-1	753	750	593	699	13.08	cps
Lead	206-1	1145	1033	1295	1157	11.32	cps
Lead	207-1	995	978	928	967	3.59	cps
Lead	208-1	4473	4428	4778	4560	4.18	cps
Lithium	6-1	3110155	3128120	3147165	3128480	0.59	cps
Magnesium	24-2	408	383	342	378	8.92	cps
Manganese	55-2	113	100	143	119	18.67	cps
Molybdenum	94-1	333	225	308	289	19.63	cps
Molybdenum	95-1	50	33	50	44	21.66	cps
Molybdenum	96-1	158	133	100	131	22.42	cps
Molybdenum	97-1	8	25	17	17	50.01	cps
Molybdenum	98-1	142	100	67	103	36.56	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	103	110	153	122	22.22	cps
Phosphorus	31-2	167	175	217	186	14.39	cps
Potassium	39-2	34215	33079	33939	33745	1.76	cps
Rhodium	103-1	7687007	7613643	7650169	7650273	0.48	cps
Rhodium	103-2	4405823	4418660	4395803	4406762	0.26	cps
Scandium	45-1	4732603	4754002	4759538	4748714	0.30	cps
Scandium	45-2	313582	309229	309541	310784	0.78	cps
Selenium	82-1	36	-3	126	53	125.54	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	89	76	69	78	13.26	cps
Silicon	28-1	177582	179523	176091	177732	0.97	cps
Silver	107-1	117	117	92	108	13.32	cps
Silver	109-1	8	25	42	25	66.68	cps
Sodium	23-2	12939	12822	12973	12911	0.61	cps
Strontium	86-1	1275	1350	900	1175	20.52	cps
Strontium	88-1	292	267	258	272	6.37	cps
Sulfur	34-1	433423	442918	441567	439302	1.17	cps
Terbium	159-1	11981021	11993245	11966826	11980364	0.11	cps
Terbium	159-2	7495762	7369976	7406433	7424057	0.87	cps
Thallium	203-1	658	575	617	617	6.76	cps
Thallium	205-1	1400	1467	1550	1472	5.11	cps

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 15:21:37	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	278	294	256	276	7.07	cps
Tin	118-1	617	717	542	625	14.05	cps
Titanium	47-1	42	75	50	56	31.22	cps
Uranium	238-1	42	33	25	33	25.01	cps
Vanadium	51-2	10	0	3	4	114.60	cps
Yttrium	89-1	12140719	12163981	12052688	12119129	0.48	cps
Yttrium	89-2	2419000	2425001	2410333	2418111	0.30	cps
Zinc	66-2	703	663	640	669	4.79	cps
Zirconium	90-1	775	792	750	772	2.72	cps
Zirconium	91-1	133	75	175	128	39.31	cps

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 15:27:45	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2617	2392	2809	2606	8.01	cps
Antimony	121-1	15392	16393	16160	15982	3.28	cps
Arsenic	75-2	248	319	343	303	16.19	cps
Barium	135-1	18780	19214	19389	19127	1.64	cps
Barium	137-1	33324	34218	32856	33466	2.07	cps
Beryllium	9-1	1767	1767	1789	1774	0.72	cps
Bismuth	209-1	7801275	7747545	7881967	7810262	0.87	cps
Bismuth	209-2	5337534	5346625	5413016	5365725	0.77	cps
Boron	10-1	5176	5785	5910	5623	6.98	cps
Boron	11-1	25163	25430	26941	25845	3.71	cps
Bromine	81-1	7044	7510	7369	7308	3.28	cps
Bromine	81-2	50	50	20	40	43.30	cps
Cadmium	111-1	5392	5726	5818	5646	3.97	cps
Cadmium	106-1	5118	5576	5251	5315	4.44	cps
Cadmium	108-1	213	146	183	181	18.51	cps
Calcium	43-1	10871	11171	11496	11179	2.80	cps
Calcium	44-1	183043	182488	188266	184599	1.73	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6855	7075	7359	7096	3.56	cps
Cobalt	59-2	4531	4938	4727	4732	4.30	cps
Copper	63-2	6885	6812	6555	6750	2.57	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	10	3	4	114.60	cps
Erbium	164-1	58	92	50	67	33.07	cps
Erbium	164-2	50	50	63	54	14.14	cps
Gadolinium	160-1	50	75	75	67	21.65	cps
Gadolinium	160-2	163	70	80	104	49.07	cps
Holmium	165-1	11694140	11920875	11662267	11759094	1.20	cps
Holmium	165-2	7631866	7666582	7562212	7620220	0.70	cps
Indium	115-1	8413292	8534939	8547938	8498723	0.87	cps
Indium	115-2	2286113	2321691	2306583	2304795	0.77	cps
Iron	56-2	137413	138769	138427	138203	0.51	cps
Iron	57-2	3373	3473	3500	3449	1.95	cps

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 15:27:45	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	8361	8481	8441	8428	0.73	cps
Krypton	83-1	723	720	657	700	5.37	cps
Lead	206-1	8208	8525	8736	8490	3.13	cps
Lead	207-1	7525	7285	6880	7230	4.51	cps
Lead	208-1	33200	32994	33100	33098	0.31	cps
Lithium	6-1	3103422	3119370	3122327	3115040	0.33	cps
Magnesium	24-2	137264	140343	137591	138399	1.22	cps
Manganese	55-2	2130	2040	1993	2055	3.38	cps
Molybdenum	94-1	15809	15575	15475	15620	1.10	cps
Molybdenum	95-1	18637	18362	18629	18543	0.84	cps
Molybdenum	96-1	20557	21692	20966	21072	2.73	cps
Molybdenum	97-1	11463	11438	11855	11586	2.02	cps
Molybdenum	98-1	30299	30951	30366	30539	1.17	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	1430	1330	1460	1407	4.84	cps
Phosphorus	31-2	225	183	233	214	12.52	cps
Potassium	39-2	154756	159372	157089	157072	1.47	cps
Rhodium	103-1	7579418	7659968	7765826	7668404	1.22	cps
Rhodium	103-2	4418980	4436833	4471873	4442562	0.61	cps
Scandium	45-1	4710544	4754179	4801955	4755559	0.96	cps
Scandium	45-2	309021	318564	313813	313799	1.52	cps
Selenium	82-1	619	674	820	704	14.77	cps
Selenium	77-2	40	40	53	44	17.32	cps
Selenium	78-2	241	198	226	222	9.76	cps
Silicon	28-1	222599	227300	222025	223974	1.29	cps
Silver	107-1	9487	9887	9937	9770	2.53	cps
Silver	109-1	9378	9537	9487	9467	0.86	cps
Sodium	23-2	245096	252683	252574	250117	1.74	cps
Strontium	86-1	3684	3859	3884	3809	2.86	cps
Strontium	88-1	22451	22760	23419	22877	2.16	cps
Sulfur	34-1	439164	443547	444457	442389	0.64	cps
Terbium	159-1	12040957	11891999	11995874	11976277	0.64	cps
Terbium	159-2	7435282	7453119	7544704	7477702	0.79	cps
Thallium	203-1	9329	9479	9520	9442	1.07	cps
Thallium	205-1	21985	22244	22904	22378	2.12	cps

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 15:27:45	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	244	183	294	241	23.11	cps
Tin	118-1	32839	33649	34150	33546	1.97	cps
Titanium	47-1	4843	4701	5243	4929	5.70	cps
Uranium	238-1	24275	24217	24700	24397	1.08	cps
Vanadium	51-2	11698	12038	11888	11875	1.44	cps
Yttrium	89-1	12012960	12093932	12096996	12067963	0.39	cps
Yttrium	89-2	2421036	2466007	2439598	2442214	0.93	cps
Zinc	66-2	1653	1750	1657	1687	3.25	cps
Zirconium	90-1	12289	12297	12831	12472	2.49	cps
Zirconium	91-1	2909	2934	2909	2917	0.50	cps

LB Number : LB115682 Operator : JASWAL
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-03 15:30:49 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	123186	124212	124657	124018	0.61	cps
Antimony	121-1	385672	382865	387755	385431	0.64	cps
Arsenic	75-2	15180	14759	15138	15026	1.54	cps
Barium	135-1	466893	469339	471280	469171	0.47	cps
Barium	137-1	831059	835016	824744	830273	0.62	cps
Beryllium	9-1	81819	82031	82059	81970	0.16	cps
Bismuth	209-1	7909657	8014221	7850031	7924636	1.05	cps
Bismuth	209-2	5398313	5367518	5433370	5399733	0.61	cps
Boron	10-1	9770	10921	11296	10662	7.46	cps
Boron	11-1	47409	51095	51354	49953	4.42	cps
Bromine	81-1	6627	7277	7119	7007	4.84	cps
Bromine	81-2	60	10	20	30	88.19	cps
Cadmium	111-1	108124	110145	110052	109440	1.04	cps
Cadmium	106-1	16752	16910	16735	16799	0.58	cps
Cadmium	108-1	7698	8207	8111	8005	3.38	cps
Calcium	43-1	114482	113297	111778	113186	1.20	cps
Calcium	44-1	1787428	1804899	1776560	1789629	0.80	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	138869	136972	139680	138507	1.00	cps
Cobalt	59-2	223904	225823	224435	224721	0.44	cps
Copper	63-2	1569259	1551488	1567738	1562828	0.63	cps
Dysprosium	156-1	17	42	25	28	45.82	cps
Dysprosium	156-2	7	23	17	16	53.90	cps
Erbium	164-1	92	108	150	117	25.75	cps
Erbium	164-2	40	53	57	50	17.64	cps
Gadolinium	160-1	100	33	25	53	77.89	cps
Gadolinium	160-2	167	157	157	160	3.61	cps
Holmium	165-1	11909514	12206267	11797309	11971030	1.77	cps
Holmium	165-2	7678093	7680803	7699910	7686269	0.15	cps
Indium	115-1	8749936	8585206	8631293	8655478	0.98	cps
Indium	115-2	2303824	2305223	2319983	2309677	0.39	cps
Iron	56-2	6201974	6169289	6202893	6191385	0.31	cps
Iron	57-2	158168	157062	157078	157436	0.40	cps

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 15:30:49	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	355740	353520	357204	355488	0.52	cps
Krypton	83-1	703	707	643	684	5.21	cps
Lead	206-1	1770122	1795327	1792718	1786056	0.78	cps
Lead	207-1	1493130	1521215	1515235	1509860	0.98	cps
Lead	208-1	6834912	6978966	6959249	6924375	1.13	cps
Lithium	6-1	3093504	3153153	3117657	3121438	0.96	cps
Magnesium	24-2	1370838	1364986	1391364	1375729	1.01	cps
Manganese	55-2	948685	941546	952024	947418	0.56	cps
Molybdenum	94-1	746886	747454	749805	748048	0.21	cps
Molybdenum	95-1	928914	938584	928547	932015	0.61	cps
Molybdenum	96-1	1033908	1038077	1029165	1033717	0.43	cps
Molybdenum	97-1	580565	584643	579624	581611	0.46	cps
Molybdenum	98-1	1501308	1508132	1507700	1505714	0.25	cps
Neodymium	150-1	53	7	40	33	72.10	cps
Neodymium	150-2	7	7	3	6	34.70	cps
Nickel	60-2	58021	57723	58663	58136	0.83	cps
Phosphorus	31-2	6043	6118	5785	5982	2.92	cps
Potassium	39-2	640450	637141	642153	639915	0.40	cps
Rhodium	103-1	7817628	7740491	7647831	7735317	1.10	cps
Rhodium	103-2	4435046	4418501	4450864	4434804	0.36	cps
Scandium	45-1	4861151	4815824	4800550	4825842	0.65	cps
Scandium	45-2	314051	310705	315657	313471	0.81	cps
Selenium	82-1	6340	6536	6550	6475	1.81	cps
Selenium	77-2	443	397	463	434	7.87	cps
Selenium	78-2	1456	1550	1526	1511	3.25	cps
Silicon	28-1	448759	463946	478441	463715	3.20	cps
Silver	107-1	490422	499753	497870	496015	0.99	cps
Silver	109-1	464819	471465	474246	470177	1.03	cps
Sodium	23-2	2310107	2297156	2330490	2312584	0.73	cps
Strontium	86-1	1169457	1187035	1165079	1173857	0.99	cps
Strontium	88-1	10163435	10221440	10121059	10168645	0.50	cps
Sulfur	34-1	476308	469087	468671	471355	0.91	cps
Terbium	159-1	12098077	12271840	12063189	12144369	0.92	cps
Terbium	159-2	7490846	7379637	7543532	7471338	1.12	cps
Thallium	203-1	440430	446744	443054	443409	0.72	cps
Thallium	205-1	1035326	1050279	1046847	1044151	0.75	cps

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 15:30:49	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	1269592	1303311	1283189	1285364	1.32	cps
Tin	118-1	331102	330765	333643	331837	0.47	cps
Titanium	47-1	241707	241308	243409	242141	0.46	cps
Uranium	238-1	1195425	1230827	1224842	1217031	1.56	cps
Vanadium	51-2	112515	110315	112928	111919	1.25	cps
Yttrium	89-1	12555963	12142724	12190359	12296349	1.84	cps
Yttrium	89-2	2434980	2447479	2449238	2443899	0.32	cps
Zinc	66-2	260754	262915	264245	262638	0.67	cps
Zirconium	90-1	612912	609442	604935	609096	0.66	cps
Zirconium	91-1	136731	135022	135325	135693	0.67	cps

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 15:33:52	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	304652	308082	304018	305584	0.72	cps
Antimony	121-1	944234	950520	961447	952067	0.91	cps
Arsenic	75-2	36544	37138	37129	36937	0.92	cps
Barium	135-1	1142679	1169394	1166425	1159500	1.26	cps
Barium	137-1	2015585	2049236	2042893	2035905	0.88	cps
Beryllium	9-1	195085	199277	200999	198454	1.53	cps
Bismuth	209-1	7889980	7907039	7728978	7841999	1.25	cps
Bismuth	209-2	5337373	5389297	5288452	5338374	0.94	cps
Boron	10-1	24821	25764	26307	25631	2.93	cps
Boron	11-1	111652	121578	124240	119156	5.57	cps
Bromine	81-1	7110	6702	6610	6807	3.91	cps
Bromine	81-2	10	30	40	27	57.28	cps
Cadmium	111-1	259190	258958	263623	260591	1.01	cps
Cadmium	106-1	32997	32722	33031	32917	0.52	cps
Cadmium	108-1	19476	20640	20373	20163	3.02	cps
Calcium	43-1	266257	273425	272474	270719	1.44	cps
Calcium	44-1	4266331	4360790	4300221	4309114	1.11	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	338142	339591	336717	338150	0.43	cps
Cobalt	59-2	543663	549509	551514	548229	0.74	cps
Copper	63-2	3778597	3840768	3821118	3813494	0.83	cps
Dysprosium	156-1	83	67	117	89	28.64	cps
Dysprosium	156-2	57	47	70	58	20.26	cps
Erbium	164-1	83	133	50	89	47.19	cps
Erbium	164-2	57	53	57	56	3.47	cps
Gadolinium	160-1	100	83	75	86	14.78	cps
Gadolinium	160-2	183	177	163	174	5.84	cps
Holmium	165-1	11953797	11900802	11943694	11932764	0.24	cps
Holmium	165-2	7748691	7700278	7668350	7705773	0.52	cps
Indium	115-1	8503656	8327738	8425782	8419059	1.05	cps
Indium	115-2	2263940	2282012	2263782	2269911	0.46	cps
Iron	56-2	15143255	15234051	15198085	15191797	0.30	cps
Iron	57-2	383596	391149	387191	387312	0.98	cps

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 15:33:52	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	865568	870121	864028	866572	0.37	cps
Krypton	83-1	753	730	733	739	1.71	cps
Lead	206-1	4397568	4448642	4410328	4418846	0.60	cps
Lead	207-1	3736581	3782940	3724453	3747991	0.82	cps
Lead	208-1	17758073	17931659	17670170	17786634	0.75	cps
Lithium	6-1	3088731	3048678	3067716	3068375	0.65	cps
Magnesium	24-2	3361703	3391413	3365792	3372970	0.48	cps
Manganese	55-2	2319915	2329551	2324594	2324686	0.21	cps
Molybdenum	94-1	1816035	1850078	1863912	1843342	1.34	cps
Molybdenum	95-1	2255944	2298277	2309721	2287981	1.24	cps
Molybdenum	96-1	2514238	2557059	2567082	2546126	1.10	cps
Molybdenum	97-1	1406260	1441934	1433730	1427308	1.31	cps
Molybdenum	98-1	3608792	3719382	3715177	3681117	1.70	cps
Neodymium	150-1	73	53	100	76	30.99	cps
Neodymium	150-2	13	17	3	11	62.48	cps
Nickel	60-2	142507	143126	142309	142647	0.30	cps
Phosphorus	31-2	14090	14199	13857	14049	1.24	cps
Potassium	39-2	1516384	1519141	1512413	1515979	0.22	cps
Rhodium	103-1	7491343	7655103	7514581	7553676	1.17	cps
Rhodium	103-2	4346882	4375703	4342646	4355077	0.41	cps
Scandium	45-1	4768847	4780239	4714405	4754497	0.74	cps
Scandium	45-2	305495	310070	307475	307680	0.75	cps
Selenium	82-1	15632	15498	15703	15611	0.67	cps
Selenium	77-2	1140	1110	1077	1109	2.86	cps
Selenium	78-2	3626	3549	3647	3607	1.44	cps
Silicon	28-1	836052	891329	933950	887110	5.53	cps
Silver	107-1	1185443	1219190	1211690	1205441	1.47	cps
Silver	109-1	1149898	1176687	1147172	1157919	1.41	cps
Sodium	23-2	5602874	5627062	5608242	5612726	0.23	cps
Strontium	86-1	2855990	2876462	2873677	2868710	0.39	cps
Strontium	88-1	24867985	25427050	24856140	25050392	1.30	cps
Sulfur	34-1	512563	503064	505055	506894	0.99	cps
Terbium	159-1	12118601	11965606	12046872	12043693	0.64	cps
Terbium	159-2	7441132	7401534	7476519	7439728	0.50	cps
Thallium	203-1	1066329	1094588	1101801	1087573	1.72	cps
Thallium	205-1	2509076	2587190	2597262	2564509	1.88	cps

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 15:33:52	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	3175910	3255727	3171986	3201208	1.48	cps
Tin	118-1	799551	813198	821601	811450	1.37	cps
Titanium	47-1	586214	588599	590832	588548	0.39	cps
Uranium	238-1	3015678	3083560	3076382	3058540	1.22	cps
Vanadium	51-2	273448	276633	273674	274585	0.65	cps
Yttrium	89-1	12157135	12204019	11957859	12106338	1.08	cps
Yttrium	89-2	2382652	2416448	2410020	2403040	0.75	cps
Zinc	66-2	638316	645886	639671	641291	0.63	cps
Zirconium	90-1	1480015	1507898	1496478	1494797	0.94	cps
Zirconium	91-1	328815	335127	335814	333252	1.16	cps

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 15:36:55	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	596274	594245	598969	596496	0.40	cps
Antimony	121-1	1881903	1904753	1918609	1901755	0.97	cps
Arsenic	75-2	72857	71982	72509	72449	0.61	cps
Barium	135-1	2283310	2301820	2325754	2303628	0.92	cps
Barium	137-1	4007190	4070376	4030028	4035865	0.79	cps
Beryllium	9-1	382761	393050	391507	389106	1.43	cps
Bismuth	209-1	7934065	7829047	7842749	7868621	0.73	cps
Bismuth	209-2	5295816	5273923	5280709	5283483	0.21	cps
Boron	10-1	47851	52658	51998	50836	5.13	cps
Boron	11-1	221965	236567	241858	233463	4.41	cps
Bromine	81-1	6460	7260	6593	6771	6.33	cps
Bromine	81-2	70	20	20	37	78.73	cps
Cadmium	111-1	510771	521237	520988	517665	1.15	cps
Cadmium	106-1	59793	62262	61332	61129	2.04	cps
Cadmium	108-1	39066	39183	39680	39310	0.83	cps
Calcium	43-1	529926	541580	540305	537270	1.19	cps
Calcium	44-1	7858040	7972236	8022176	7950817	1.06	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	660656	660715	665158	662176	0.39	cps
Cobalt	59-2	1069801	1070350	1075155	1071769	0.27	cps
Copper	63-2	7437454	7452892	7558083	7482809	0.88	cps
Dysprosium	156-1	150	167	133	150	11.11	cps
Dysprosium	156-2	137	117	93	116	18.77	cps
Erbium	164-1	75	117	100	97	21.57	cps
Erbium	164-2	60	90	27	59	53.79	cps
Gadolinium	160-1	142	150	167	153	8.33	cps
Gadolinium	160-2	163	163	200	176	12.06	cps
Holmium	165-1	11960088	11998023	11707961	11888691	1.33	cps
Holmium	165-2	7597133	7613813	7590935	7600627	0.16	cps
Indium	115-1	8586789	8435049	8368864	8463568	1.32	cps
Indium	115-2	2236652	2245405	2248298	2243452	0.27	cps
Iron	56-2	29680553	29609939	29548525	29613006	0.22	cps
Iron	57-2	757189	760835	758378	758801	0.25	cps

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 15:36:55	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1694516	1687285	1694938	1692246	0.25	cps
Krypton	83-1	723	733	670	709	4.80	cps
Lead	206-1	9001247	9240839	9290925	9177670	1.69	cps
Lead	207-1	7760197	7954636	7980657	7898497	1.53	cps
Lead	208-1	35391245	35988549	36263904	35881233	1.24	cps
Lithium	6-1	3033161	3077641	3025272	3045358	0.93	cps
Magnesium	24-2	6525194	6514877	6434168	6491413	0.77	cps
Manganese	55-2	4530452	4512968	4562965	4535462	0.56	cps
Molybdenum	94-1	3589780	3655183	3672377	3639113	1.20	cps
Molybdenum	95-1	4457246	4531008	4545594	4511283	1.05	cps
Molybdenum	96-1	4982528	5050234	5031478	5021413	0.70	cps
Molybdenum	97-1	2805392	2835695	2841711	2827600	0.69	cps
Molybdenum	98-1	7188929	7276857	7238129	7234638	0.61	cps
Neodymium	150-1	207	187	187	193	5.97	cps
Neodymium	150-2	30	40	27	32	21.53	cps
Nickel	60-2	278847	278000	276255	277701	0.48	cps
Phosphorus	31-2	29004	28453	28636	28698	0.98	cps
Potassium	39-2	2973980	2942500	2965780	2960753	0.55	cps
Rhodium	103-1	7519725	7408341	7429354	7452473	0.79	cps
Rhodium	103-2	4240521	4281879	4315396	4279266	0.88	cps
Scandium	45-1	4738731	4682391	4660510	4693877	0.86	cps
Scandium	45-2	305483	303457	304799	304579	0.34	cps
Selenium	82-1	30625	31144	31427	31065	1.31	cps
Selenium	77-2	1940	1987	1893	1940	2.41	cps
Selenium	78-2	7078	7105	7294	7159	1.65	cps
Silicon	28-1	1527823	1670423	1740038	1646094	6.57	cps
Silver	107-1	2345371	2367495	2371915	2361594	0.60	cps
Silver	109-1	2248136	2283105	2271036	2267425	0.78	cps
Sodium	23-2	10987928	10879186	10828765	10898627	0.75	cps
Strontium	86-1	5562558	5697236	5649266	5636354	1.21	cps
Strontium	88-1	49212309	50211175	49514194	49645893	1.03	cps
Sulfur	34-1	591458	586008	584871	587446	0.60	cps
Terbium	159-1	12176058	12048262	11963596	12062639	0.89	cps
Terbium	159-2	7488548	7314363	7471735	7424882	1.29	cps
Thallium	203-1	2127701	2187449	2195095	2170082	1.70	cps
Thallium	205-1	4991336	5129076	5156408	5092274	1.74	cps

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 15:36:55	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	6992614	7008811	7132659	7044695	1.09	cps
Tin	118-1	1595392	1650006	1613140	1619512	1.72	cps
Titanium	47-1	1146440	1153474	1151409	1150441	0.31	cps
Uranium	238-1	6413285	6543963	6537502	6498250	1.13	cps
Vanadium	51-2	540919	540173	542346	541146	0.20	cps
Yttrium	89-1	12160477	12084770	11942568	12062605	0.92	cps
Yttrium	89-2	2379554	2404163	2399757	2394491	0.55	cps
Zinc	66-2	1249321	1243141	1249880	1247448	0.30	cps
Zirconium	90-1	2942121	2976815	2991945	2970294	0.86	cps
Zirconium	91-1	655842	669727	664019	663196	1.05	cps

LB Number : LB115682 Operator : JASWAL
 Lab Sample ID : S6 Instrumnet Name : P7
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-03 15:39:53 DataFile Name : 009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1159534	1149169	1156812	1155172	0.47	cps
Antimony	121-1	3664688	3716043	3772661	3717797	1.45	cps
Arsenic	75-2	139368	140962	141999	140776	0.94	cps
Barium	135-1	4471383	4534853	4589075	4531771	1.30	cps
Barium	137-1	7890550	8017186	7994550	7967429	0.85	cps
Beryllium	9-1	740125	744168	750880	745058	0.73	cps
Bismuth	209-1	7707661	7694996	7885418	7762691	1.37	cps
Bismuth	209-2	5130056	5208241	5259146	5199148	1.25	cps
Boron	10-1	93319	98083	101732	97711	4.32	cps
Boron	11-1	432561	452251	475592	453468	4.75	cps
Bromine	81-1	6752	6585	6443	6593	2.34	cps
Bromine	81-2	40	60	60	53	21.65	cps
Cadmium	111-1	992238	997298	1014809	1001448	1.18	cps
Cadmium	106-1	112006	113962	114845	113605	1.28	cps
Cadmium	108-1	76601	77627	77547	77258	0.74	cps
Calcium	43-1	1034193	1042370	1050824	1042463	0.80	cps
Calcium	44-1	15665394	15522809	15651319	15613174	0.50	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1281375	1274613	1286784	1280924	0.48	cps
Cobalt	59-2	2054394	2056490	2076839	2062574	0.60	cps
Copper	63-2	14378755	14244433	14317963	14313717	0.47	cps
Dysprosium	156-1	358	325	300	328	8.93	cps
Dysprosium	156-2	163	150	193	169	13.14	cps
Erbium	164-1	67	150	92	103	41.60	cps
Erbium	164-2	90	80	87	86	5.95	cps
Gadolinium	160-1	233	317	283	278	15.10	cps
Gadolinium	160-2	247	250	300	266	11.25	cps
Holmium	165-1	11789684	11801712	11812369	11801255	0.10	cps
Holmium	165-2	7591785	7567531	7529758	7563025	0.41	cps
Indium	115-1	8231204	8097298	8273968	8200823	1.12	cps
Indium	115-2	2168446	2171953	2187443	2175947	0.46	cps
Iron	56-2	57364403	57261819	57392158	57339460	0.12	cps
Iron	57-2	1457404	1471784	1468247	1465812	0.51	cps

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 15:39:53	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	3275503	3279467	3308640	3287870	0.55	cps
Krypton	83-1	727	760	567	684	15.10	cps
Lead	206-1	17987918	18209132	18454378	18217143	1.28	cps
Lead	207-1	15696353	15674220	16006191	15792255	1.18	cps
Lead	208-1	70988607	71982020	72978768	71983132	1.38	cps
Lithium	6-1	2912674	2876016	2952438	2913709	1.31	cps
Magnesium	24-2	12741092	12566233	12582470	12629931	0.76	cps
Manganese	55-2	8805515	8759997	8837955	8801156	0.44	cps
Molybdenum	94-1	7033939	7089574	7126138	7083217	0.66	cps
Molybdenum	95-1	8687300	8774947	8830961	8764403	0.83	cps
Molybdenum	96-1	9654731	9723700	9894498	9757643	1.27	cps
Molybdenum	97-1	5441406	5505761	5518237	5488468	0.75	cps
Molybdenum	98-1	13935900	14069103	14158720	14054574	0.80	cps
Neodymium	150-1	360	387	367	371	3.74	cps
Neodymium	150-2	67	37	53	52	28.78	cps
Nickel	60-2	528863	530391	532573	530609	0.35	cps
Phosphorus	31-2	54525	54450	53931	54302	0.60	cps
Potassium	39-2	5354059	5310309	5353489	5339285	0.47	cps
Rhodium	103-1	7145337	7184395	7220274	7183336	0.52	cps
Rhodium	103-2	4123591	4161992	4164071	4149885	0.55	cps
Scandium	45-1	4525980	4527155	4523500	4525545	0.04	cps
Scandium	45-2	294802	294139	299170	296037	0.92	cps
Selenium	82-1	59675	60105	61363	60381	1.45	cps
Selenium	77-2	4117	4017	3961	4032	1.97	cps
Selenium	78-2	13527	13840	13616	13661	1.18	cps
Silicon	28-1	2956959	3164445	3301675	3141026	5.53	cps
Silver	107-1	4498745	4562836	4596780	4552787	1.09	cps
Silver	109-1	4342054	4370634	4427248	4379979	0.99	cps
Sodium	23-2	21217043	21308205	21499330	21341526	0.68	cps
Strontium	86-1	11017001	11136331	11081167	11078166	0.54	cps
Strontium	88-1	95638579	96447896	97123094	96403190	0.77	cps
Sulfur	34-1	735162	731013	733108	733094	0.28	cps
Terbium	159-1	12010238	12007891	12013956	12010695	0.03	cps
Terbium	159-2	7388002	7411923	7313663	7371196	0.70	cps
Thallium	203-1	4222173	4291564	4368512	4294083	1.70	cps
Thallium	205-1	10438891	10440573	10608047	10495837	0.93	cps

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 15:39:53	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	14152806	14324251	14618123	14365060	1.64	cps
Tin	118-1	3101198	3149673	3197744	3149538	1.53	cps
Titanium	47-1	2220380	2226516	2247765	2231554	0.64	cps
Uranium	238-1	12896625	13278615	13350311	13175184	1.85	cps
Vanadium	51-2	1054778	1052315	1057176	1054756	0.23	cps
Yttrium	89-1	11708341	11706254	11898911	11771169	0.94	cps
Yttrium	89-2	2328580	2332724	2354133	2338479	0.59	cps
Zinc	66-2	2382982	2391988	2394970	2389980	0.26	cps
Zirconium	90-1	5784106	5783538	5873582	5813742	0.89	cps
Zirconium	91-1	1280448	1290694	1301182	1290775	0.80	cps

LB Number : LB115682 Operator : JASWAL
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-03 15:42:46 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2231987	2253392	2224986	2236789	0.66	cps
Antimony	121-1	7274648	7565360	7482930	7440980	2.01	cps
Arsenic	75-2	276145	278410	272355	275637	1.11	cps
Barium	135-1	8896743	9131359	9028667	9018923	1.30	cps
Barium	137-1	15661524	15713711	15988240	15787825	1.11	cps
Beryllium	9-1	1420418	1440477	1447300	1436065	0.97	cps
Bismuth	209-1	7554640	7699249	7682686	7645525	1.04	cps
Bismuth	209-2	5038311	5000217	5031481	5023336	0.40	cps
Boron	10-1	183245	191048	200133	191475	4.41	cps
Boron	11-1	845732	899040	920391	888388	4.33	cps
Bromine	81-1	6693	6452	7160	6768	5.32	cps
Bromine	81-2	20	50	70	47	53.93	cps
Cadmium	111-1	1903849	1963443	1961721	1943005	1.75	cps
Cadmium	106-1	214322	217274	220845	217480	1.50	cps
Cadmium	108-1	147644	150351	149905	149300	0.97	cps
Calcium	43-1	2006609	2043537	2063160	2037768	1.41	cps
Calcium	44-1	30251913	30765608	30913156	30643559	1.13	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2495325	2502546	2471291	2489721	0.66	cps
Cobalt	59-2	3977460	4012700	3936711	3975624	0.96	cps
Copper	63-2	27742544	27802727	27673702	27739658	0.23	cps
Dysprosium	156-1	575	450	583	536	13.93	cps
Dysprosium	156-2	393	373	417	394	5.50	cps
Erbium	164-1	150	142	167	153	8.33	cps
Erbium	164-2	110	90	133	111	19.52	cps
Gadolinium	160-1	467	692	567	575	19.61	cps
Gadolinium	160-2	443	563	487	498	12.21	cps
Holmium	165-1	11824988	11768409	11964511	11852636	0.85	cps
Holmium	165-2	7515294	7402672	7490642	7469536	0.79	cps
Indium	115-1	7811588	8012991	7975499	7933359	1.35	cps
Indium	115-2	2096654	2125483	2101316	2107818	0.73	cps
Iron	56-2	113398541	113003944	111091025	112497837	1.10	cps
Iron	57-2	2850489	2863123	2825616	2846409	0.67	cps

LB Number : LB115682 Operator : JASWAL
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-03 15:42:46 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	6220720	6241862	6060065	6174216	1.61	cps
Krypton	83-1	583	643	587	604	5.58	cps
Lead	206-1	36495216	36584911	36279109	36453079	0.43	cps
Lead	207-1	31538223	31085985	31733349	31452519	1.06	cps
Lead	208-1	143227257	142515846	144097794	143280299	0.55	cps
Lithium	6-1	2789113	2847650	2831743	2822835	1.07	cps
Magnesium	24-2	24406064	24717821	24400463	24508116	0.74	cps
Manganese	55-2	17177195	17191263	16897928	17088795	0.97	cps
Molybdenum	94-1	13918390	14007793	14149878	14025354	0.83	cps
Molybdenum	95-1	17164015	17496728	17527591	17396111	1.16	cps
Molybdenum	96-1	19246748	19611684	19355382	19404605	0.97	cps
Molybdenum	97-1	10669885	10926042	10802166	10799364	1.19	cps
Molybdenum	98-1	27796023	28023778	28165105	27994968	0.67	cps
Neodymium	150-1	687	647	713	682	4.92	cps
Neodymium	150-2	97	97	117	103	11.17	cps
Nickel	60-2	1016937	1025602	1022163	1021567	0.43	cps
Phosphorus	31-2	105638	107375	104597	105870	1.33	cps
Potassium	39-2	10419712	10362009	10291971	10357897	0.62	cps
Rhodium	103-1	6894767	6990792	6924021	6936526	0.71	cps
Rhodium	103-2	4008703	4041443	4012134	4020760	0.45	cps
Scandium	45-1	4376268	4434101	4455407	4421925	0.93	cps
Scandium	45-2	292030	293677	288810	291506	0.85	cps
Selenium	82-1	115952	118211	119263	117809	1.44	cps
Selenium	77-2	7599	7869	8206	7891	3.85	cps
Selenium	78-2	26242	26359	26148	26250	0.40	cps
Silicon	28-1	5468305	5938196	6132619	5846373	5.84	cps
Silver	107-1	8671409	8887666	8974902	8844659	1.77	cps
Silver	109-1	8357814	8636420	8571030	8521755	1.71	cps
Sodium	23-2	41409495	41796268	40754951	41320238	1.27	cps
Strontium	86-1	21923262	22173817	21960897	22019325	0.61	cps
Strontium	88-1	191440817	192773954	194330488	192848420	0.75	cps
Sulfur	34-1	1045597	1057712	1064551	1055953	0.91	cps
Terbium	159-1	11972816	11802922	11997526	11924421	0.89	cps
Terbium	159-2	7358079	7274242	7260193	7297505	0.73	cps
Thallium	203-1	8693819	8776636	8844629	8771695	0.86	cps
Thallium	205-1	20751605	21066059	21052996	20956887	0.85	cps

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 15:42:46	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	28890776	28761594	29111160	28921177	0.61	cps
Tin	118-1	6124570	6388346	6335809	6282908	2.22	cps
Titanium	47-1	4318014	4421283	4423108	4387468	1.37	cps
Uranium	238-1	26322520	25997608	26368158	26229429	0.77	cps
Vanadium	51-2	2070582	2073619	2045434	2063212	0.75	cps
Yttrium	89-1	11518292	11870986	11604725	11664668	1.58	cps
Yttrium	89-2	2297655	2314331	2295986	2302657	0.44	cps
Zinc	66-2	4531805	4628155	4565400	4575120	1.07	cps
Zirconium	90-1	11370524	11477723	11449582	11432610	0.49	cps
Zirconium	91-1	2519771	2554544	2567742	2547352	0.97	cps

LB Number : LB115682 Operator : JASWAL
 Lab Sample ID : S8 Instrumnet Name : P7
 Client Sample ID : S8 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-03 15:45:38 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10878874	10935927	11032370	10949057	0.71	cps
Antimony	121-1	7861	7152	7244	7419	5.20	cps
Arsenic	75-2	109	107	98	105	5.67	cps
Barium	135-1	2700	2300	2675	2559	8.76	cps
Barium	137-1	4768	4334	4568	4556	4.76	cps
Beryllium	9-1	278	261	211	250	13.88	cps
Bismuth	209-1	5925426	6215810	6216458	6119231	2.74	cps
Bismuth	209-2	4488618	4494141	4500793	4494517	0.14	cps
Boron	10-1	8353	7602	7352	7769	6.70	cps
Boron	11-1	38240	35024	32001	35089	8.89	cps
Bromine	81-1	5560	5910	6377	5949	6.89	cps
Bromine	81-2	30	30	60	40	43.30	cps
Cadmium	111-1	3090	3305	3516	3304	6.44	cps
Cadmium	106-1	4092	4442	4734	4423	7.27	cps
Cadmium	108-1	142	150	146	146	2.86	cps
Calcium	43-1	9024622	9090288	9059890	9058267	0.36	cps
Calcium	44-1	146041199	146811870	146608870	146487313	0.27	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6592	6318	6485	6465	2.13	cps
Cobalt	59-2	5434	5661	5668	5588	2.38	cps
Copper	63-2	5838	5885	5861	5861	0.40	cps
Dysprosium	156-1	1217	1383	1375	1325	7.09	cps
Dysprosium	156-2	957	927	910	931	2.54	cps
Erbium	164-1	250	275	217	247	11.84	cps
Erbium	164-2	177	173	170	173	1.92	cps
Gadolinium	160-1	1483	1500	1408	1464	3.34	cps
Gadolinium	160-2	1140	1063	1160	1121	4.55	cps
Holmium	165-1	10783882	10936443	11113443	10944589	1.51	cps
Holmium	165-2	7134176	7115567	7248733	7166159	1.01	cps
Indium	115-1	7169259	7277498	7356212	7267656	1.29	cps
Indium	115-2	1997791	1991494	2023281	2004189	0.84	cps
Iron	56-2	521178967	532053167	531448312	528226816	1.16	cps
Iron	57-2	13096259	13158756	13183074	13146030	0.34	cps

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 15:45:38	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	28991150	29018835	28633149	28881044	0.74	cps
Krypton	83-1	673	730	657	687	5.60	cps
Lead	206-1	16282	17573	17829	17228	4.81	cps
Lead	207-1	14174	14770	15192	14712	3.48	cps
Lead	208-1	64512	67217	67606	66445	2.54	cps
Lithium	6-1	2532607	2613816	2612088	2586170	1.79	cps
Magnesium	24-2	117759532	117957957	118856503	118191330	0.49	cps
Manganese	55-2	8449	8529	8202	8394	2.03	cps
Molybdenum	94-1	4242	3759	3684	3895	7.78	cps
Molybdenum	95-1	5851	5476	5451	5593	4.01	cps
Molybdenum	96-1	7194	7227	6593	7005	5.09	cps
Molybdenum	97-1	3300	3384	3292	3325	1.52	cps
Molybdenum	98-1	9237	8153	7502	8297	10.56	cps
Neodymium	150-1	20	47	0	22	105.36	cps
Neodymium	150-2	23	20	37	27	33.08	cps
Nickel	60-2	1937	1820	1827	1861	3.52	cps
Phosphorus	31-2	242	142	225	203	26.42	cps
Potassium	39-2	50418069	50407407	50556842	50460773	0.17	cps
Rhodium	103-1	5949174	6050889	6221798	6073954	2.27	cps
Rhodium	103-2	3624046	3613211	3667745	3635001	0.79	cps
Scandium	45-1	4050138	4130080	4170660	4116959	1.49	cps
Scandium	45-2	283585	280150	283391	282375	0.68	cps
Selenium	82-1	37	10	67	38	76.20	cps
Selenium	77-2	0	10	0	3	173.21	cps
Selenium	78-2	76	76	78	77	1.40	cps
Silicon	28-1	348338	368972	375702	364337	3.91	cps
Silver	107-1	2450	2342	2100	2297	7.80	cps
Silver	109-1	2142	2109	1892	2047	6.63	cps
Sodium	23-2	198808146	198871279	199290717	198990048	0.13	cps
Strontium	86-1	7044	6460	6777	6760	4.32	cps
Strontium	88-1	52948	50731	49736	51139	3.21	cps
Sulfur	34-1	375800	375918	380077	377265	0.65	cps
Terbium	159-1	10788137	11149895	11161124	11033052	1.92	cps
Terbium	159-2	7063676	6920039	6979628	6987781	1.03	cps
Thallium	203-1	2767	2384	2042	2398	15.13	cps
Thallium	205-1	6985	5976	5109	6024	15.59	cps

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 15:45:38	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	2950	2828	2584	2787	6.70	cps
Tin	118-1	2159	2134	2209	2167	1.76	cps
Titanium	47-1	825	833	950	869	8.04	cps
Uranium	238-1	2750	2442	2475	2556	6.62	cps
Vanadium	51-2	327	337	287	317	8.35	cps
Yttrium	89-1	10518376	10760086	10902696	10727053	1.81	cps
Yttrium	89-2	2200223	2194465	2228684	2207791	0.83	cps
Zinc	66-2	5341	5578	5511	5477	2.23	cps
Zirconium	90-1	2709	2700	2442	2617	5.79	cps
Zirconium	91-1	742	550	675	656	14.84	cps

LB Number : LB115682 Operator : JASWAL
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-03 16:36:38 DataFile Name : 016ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	61753	61225	60748	61242	0.82	cps
Antimony	121-1	1468815	1495231	1513669	1492572	1.51	cps
Arsenic	75-2	61531	61816	62040	61796	0.41	cps
Barium	135-1	181384	182642	189262	184429	2.29	cps
Barium	137-1	320404	327783	330880	326355	1.65	cps
Beryllium	9-1	163216	163816	162082	163038	0.54	cps
Bismuth	209-1	7635410	7764326	7654406	7684714	0.91	cps
Bismuth	209-2	5408694	5480145	5494798	5461212	0.84	cps
Boron	10-1	367	575	400	447	25.02	cps
Boron	11-1	2417	2175	2267	2286	5.34	cps
Bromine	81-1	7152	7460	7260	7291	2.15	cps
Bromine	81-2	30	30	40	33	17.32	cps
Cadmium	111-1	205192	209582	212873	209216	1.84	cps
Cadmium	106-1	22752	22385	23503	22880	2.49	cps
Cadmium	108-1	14045	13657	13523	13741	1.97	cps
Calcium	43-1	42528	41784	43347	42553	1.84	cps
Calcium	44-1	683179	682865	694023	686689	0.93	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	282528	284745	281361	282878	0.61	cps
Cobalt	59-2	456629	461329	460282	459413	0.54	cps
Copper	63-2	323569	327810	325901	325760	0.65	cps
Dysprosium	156-1	8	0	25	11	114.58	cps
Dysprosium	156-2	10	3	0	4	114.60	cps
Erbium	164-1	50	83	83	72	26.65	cps
Erbium	164-2	57	43	50	50	13.34	cps
Gadolinium	160-1	42	42	33	39	12.38	cps
Gadolinium	160-2	107	117	107	110	5.25	cps
Holmium	165-1	11672179	11859283	11686209	11739224	0.89	cps
Holmium	165-2	7818259	7810265	7811486	7813337	0.06	cps
Indium	115-1	8523974	8609166	8473961	8535700	0.80	cps
Indium	115-2	2350837	2375230	2384481	2370182	0.73	cps
Iron	56-2	4955997	5038045	5011791	5001944	0.84	cps
Iron	57-2	123872	126360	125362	125198	1.00	cps

LB Number : LB115682 Operator : JASWAL
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-03 16:36:38 DataFile Name : 016ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	283751	288869	283667	285429	1.04	cps
Krypton	83-1	763	700	770	744	5.19	cps
Lead	206-1	1386657	1408251	1401754	1398888	0.79	cps
Lead	207-1	1110226	1126252	1137342	1124607	1.21	cps
Lead	208-1	5188368	5273011	5332277	5264552	1.37	cps
Lithium	6-1	3160744	3232991	3166075	3186603	1.26	cps
Magnesium	24-2	313782	312658	313984	313475	0.23	cps
Manganese	55-2	187430	188142	189763	188445	0.63	cps
Molybdenum	94-1	600	375	517	497	22.88	cps
Molybdenum	95-1	158	117	208	161	28.49	cps
Molybdenum	96-1	425	458	408	431	5.91	cps
Molybdenum	97-1	92	8	133	78	81.84	cps
Molybdenum	98-1	300	442	300	347	23.56	cps
Neodymium	150-1	27	33	20	27	24.99	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	118614	120073	122334	120340	1.56	cps
Phosphorus	31-2	208	158	192	186	13.68	cps
Potassium	39-2	510468	513833	508519	510940	0.53	cps
Rhodium	103-1	7806007	7786091	7714833	7768977	0.62	cps
Rhodium	103-2	4562552	4590528	4600793	4584624	0.43	cps
Scandium	45-1	4925074	4959845	4884212	4923044	0.77	cps
Scandium	45-2	325420	329975	328711	328035	0.72	cps
Selenium	82-1	26191	26026	25883	26033	0.59	cps
Selenium	77-2	1863	1803	1813	1827	1.76	cps
Selenium	78-2	6125	6055	6281	6154	1.88	cps
Silicon	28-1	192945	193122	192861	192976	0.07	cps
Silver	107-1	455937	462656	472951	463848	1.85	cps
Silver	109-1	442648	445249	451687	446528	1.04	cps
Sodium	23-2	923574	922718	918990	921761	0.26	cps
Strontium	86-1	1950	1775	1950	1892	5.34	cps
Strontium	88-1	5926	5993	5860	5926	1.13	cps
Sulfur	34-1	431214	428237	427089	428846	0.50	cps
Terbium	159-1	11827219	11996606	11838185	11887337	0.80	cps
Terbium	159-2	7594320	7683934	7666693	7648316	0.62	cps
Thallium	203-1	1653401	1708665	1723939	1695335	2.19	cps
Thallium	205-1	3948050	4017393	4037792	4001079	1.18	cps

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 16:36:38	DataFile Name :	016ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	144	150	94	130	23.60	cps
Tin	118-1	817	725	767	769	5.97	cps
Titanium	47-1	83	67	117	89	28.64	cps
Uranium	238-1	125	92	83	100	22.05	cps
Vanadium	51-2	225810	226414	224779	225667	0.37	cps
Yttrium	89-1	12092155	12444246	12174334	12236911	1.51	cps
Yttrium	89-2	2520660	2533118	2541039	2531606	0.41	cps
Zinc	66-2	101244	103547	102536	102442	1.13	cps
Zirconium	90-1	850	767	858	825	6.14	cps
Zirconium	91-1	417	383	408	403	4.31	cps

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 17:02:46	DataFile Name :	017LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2559	2867	2867	2764	6.44	cps
Antimony	121-1	15501	16226	15934	15887	2.30	cps
Arsenic	75-2	367	346	409	374	8.59	cps
Barium	135-1	18621	18655	19072	18783	1.34	cps
Barium	137-1	34326	33675	34310	34103	1.09	cps
Beryllium	9-1	1778	1861	1850	1830	2.47	cps
Bismuth	209-1	7742922	7671986	7660086	7691664	0.58	cps
Bismuth	209-2	5402872	5472163	5538753	5471263	1.24	cps
Boron	10-1	5710	5518	5935	5721	3.65	cps
Boron	11-1	25297	26732	27550	26526	4.30	cps
Bromine	81-1	7302	7911	8494	7902	7.54	cps
Bromine	81-2	0	80	50	43	93.26	cps
Cadmium	111-1	5246	5448	5658	5451	3.77	cps
Cadmium	106-1	4793	5109	5184	5029	4.14	cps
Cadmium	108-1	221	196	233	217	8.81	cps
Calcium	43-1	12047	11563	11538	11716	2.45	cps
Calcium	44-1	194082	195980	195281	195114	0.49	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7659	7422	7442	7508	1.75	cps
Cobalt	59-2	5311	5198	5251	5253	1.08	cps
Copper	63-2	7532	7335	7832	7566	3.31	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	92	58	125	92	36.37	cps
Erbium	164-2	70	53	57	60	14.70	cps
Gadolinium	160-1	75	67	100	81	21.53	cps
Gadolinium	160-2	80	103	117	100	18.56	cps
Holmium	165-1	11725251	11677402	11741969	11714874	0.29	cps
Holmium	165-2	7775800	7791588	7739870	7769086	0.34	cps
Indium	115-1	8626642	8722100	8648485	8665742	0.58	cps
Indium	115-2	2384108	2405886	2405774	2398589	0.52	cps
Iron	56-2	147284	146667	146864	146938	0.21	cps
Iron	57-2	3656	3623	3778	3686	2.22	cps

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 17:02:46	DataFile Name :	017LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	8812	8902	8261	8658	4.01	cps
Krypton	83-1	780	767	853	800	5.83	cps
Lead	206-1	8975	8881	8942	8933	0.54	cps
Lead	207-1	7747	7702	7469	7639	1.95	cps
Lead	208-1	34317	34802	35464	34861	1.65	cps
Lithium	6-1	3195637	3265596	3195774	3219002	1.25	cps
Magnesium	24-2	144472	149320	147881	147224	1.69	cps
Manganese	55-2	2270	2367	2184	2274	4.03	cps
Molybdenum	94-1	16502	15142	15117	15587	5.08	cps
Molybdenum	95-1	19071	19747	19781	19533	2.05	cps
Molybdenum	96-1	21917	22693	21642	22084	2.47	cps
Molybdenum	97-1	12439	12256	12798	12497	2.21	cps
Molybdenum	98-1	30717	31844	31786	31449	2.02	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	1520	1417	1447	1461	3.64	cps
Phosphorus	31-2	333	225	200	253	28.04	cps
Potassium	39-2	167703	165548	168309	167187	0.87	cps
Rhodium	103-1	8016609	7905671	7928083	7950121	0.74	cps
Rhodium	103-2	4622944	4649882	4701657	4658161	0.86	cps
Scandium	45-1	5069296	5082141	5104350	5085263	0.35	cps
Scandium	45-2	334071	335241	337998	335770	0.60	cps
Selenium	82-1	645	727	611	661	9.05	cps
Selenium	77-2	63	63	60	62	3.09	cps
Selenium	78-2	259	263	233	252	6.41	cps
Silicon	28-1	237439	237279	239988	238235	0.64	cps
Silver	107-1	10087	10037	10671	10265	3.43	cps
Silver	109-1	9087	9253	9061	9134	1.14	cps
Sodium	23-2	263210	266028	264241	264493	0.54	cps
Strontium	86-1	3917	3801	3876	3865	1.53	cps
Strontium	88-1	23645	24112	23887	23881	0.98	cps
Sulfur	34-1	447578	451692	453667	450979	0.69	cps
Terbium	159-1	11979557	12073029	11949476	12000687	0.54	cps
Terbium	159-2	7574272	7610140	7656891	7613768	0.54	cps
Thallium	203-1	9070	8862	8603	8845	2.64	cps
Thallium	205-1	21259	21476	20608	21114	2.14	cps

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 17:02:46	DataFile Name :	017LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	178	106	161	148	25.52	cps
Tin	118-1	33164	34250	34159	33858	1.78	cps
Titanium	47-1	5184	5301	5118	5201	1.78	cps
Uranium	238-1	24007	23565	24283	23952	1.51	cps
Vanadium	51-2	12859	12425	12575	12620	1.75	cps
Yttrium	89-1	12636821	12697872	12461656	12598783	0.97	cps
Yttrium	89-2	2562092	2595508	2590122	2582574	0.69	cps
Zinc	66-2	1727	1627	1797	1717	4.98	cps
Zirconium	90-1	13457	13315	13532	13434	0.82	cps
Zirconium	91-1	2917	2834	2825	2859	1.77	cps

LB Number : LB115682 Operator : JASWAL
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-03 17:05:51 DataFile Name : 018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1542	1708	1558	1603	5.73	cps
Antimony	121-1	142	133	108	128	13.57	cps
Arsenic	75-2	6	7	6	6	17.29	cps
Barium	135-1	50	17	17	28	69.27	cps
Barium	137-1	58	75	50	61	20.83	cps
Beryllium	9-1	94	139	72	102	33.33	cps
Bismuth	209-1	7977639	7952045	7916014	7948566	0.39	cps
Bismuth	209-2	5658709	5703037	5667484	5676410	0.41	cps
Boron	10-1	508	567	458	511	10.61	cps
Boron	11-1	2575	2584	2217	2459	8.52	cps
Bromine	81-1	7469	8169	7586	7741	4.85	cps
Bromine	81-2	30	40	10	27	57.28	cps
Cadmium	111-1	3622	3737	3765	3708	2.05	cps
Cadmium	106-1	5184	5343	5360	5296	1.82	cps
Cadmium	108-1	17	17	4	13	57.72	cps
Calcium	43-1	117	192	117	142	30.56	cps
Calcium	44-1	5476	5193	5560	5409	3.55	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1293	1310	1283	1296	1.04	cps
Cobalt	59-2	93	83	137	104	27.15	cps
Copper	63-2	690	683	683	686	0.56	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	100	75	58	78	26.97	cps
Erbium	164-2	47	67	63	59	18.19	cps
Gadolinium	160-1	33	50	58	47	26.96	cps
Gadolinium	160-2	120	117	137	124	8.61	cps
Holmium	165-1	12148526	11930712	12178016	12085751	1.12	cps
Holmium	165-2	7984253	8076187	8060784	8040408	0.61	cps
Indium	115-1	9115181	8959861	8931333	9002125	1.10	cps
Indium	115-2	2487141	2518328	2509332	2504934	0.64	cps
Iron	56-2	5796	5901	5862	5853	0.91	cps
Iron	57-2	200	206	167	191	11.03	cps

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 17:05:51	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	811	831	1051	898	14.85	cps
Krypton	83-1	753	743	850	782	7.53	cps
Lead	206-1	2167	1906	2106	2059	6.63	cps
Lead	207-1	1722	1733	1767	1741	1.33	cps
Lead	208-1	7734	7679	7973	7795	2.01	cps
Lithium	6-1	3318494	3317989	3271677	3302720	0.81	cps
Magnesium	24-2	433	375	350	386	11.08	cps
Manganese	55-2	140	103	173	139	25.21	cps
Molybdenum	94-1	317	283	208	269	20.59	cps
Molybdenum	95-1	75	42	17	44	65.84	cps
Molybdenum	96-1	83	117	100	100	16.66	cps
Molybdenum	97-1	17	50	17	28	69.27	cps
Molybdenum	98-1	58	75	117	83	36.06	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	113	173	123	137	23.52	cps
Phosphorus	31-2	183	258	250	231	17.83	cps
Potassium	39-2	36186	37606	37189	36994	1.97	cps
Rhodium	103-1	8195149	8330512	8245767	8257143	0.83	cps
Rhodium	103-2	4811276	4847397	4816696	4825123	0.40	cps
Scandium	45-1	5241364	5224715	5152536	5206205	0.91	cps
Scandium	45-2	346704	350654	350224	349194	0.62	cps
Selenium	82-1	17	122	-29	37	211.07	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	87	74	63	75	16.14	cps
Silicon	28-1	196314	195046	194287	195216	0.52	cps
Silver	107-1	192	225	150	189	19.89	cps
Silver	109-1	100	83	108	97	13.09	cps
Sodium	23-2	14240	14224	13873	14112	1.47	cps
Strontium	86-1	1408	1275	1267	1317	6.04	cps
Strontium	88-1	250	492	308	350	36.03	cps
Sulfur	34-1	452343	450067	453475	451962	0.38	cps
Terbium	159-1	12428571	12411935	12314144	12384883	0.50	cps
Terbium	159-2	7857171	7985101	7772032	7871435	1.36	cps
Thallium	203-1	167	192	125	161	20.90	cps
Thallium	205-1	433	425	408	422	3.01	cps

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 17:05:51	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	117	161	78	119	35.18	cps
Tin	118-1	592	733	617	647	11.68	cps
Titanium	47-1	75	50	25	50	50.00	cps
Uranium	238-1	8	8	8	8	0.00	cps
Vanadium	51-2	17	13	10	13	25.01	cps
Yttrium	89-1	12876363	12946249	12959959	12927524	0.35	cps
Yttrium	89-2	2665437	2691785	2667147	2674790	0.55	cps
Zinc	66-2	457	363	437	419	11.73	cps
Zirconium	90-1	733	800	633	722	11.62	cps
Zirconium	91-1	175	142	125	147	17.30	cps

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 17:08:55	DataFile Name :	019ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10685813	10812969	10663670	10720817	0.75	cps
Antimony	121-1	8670	8811	8269	8583	3.27	cps
Arsenic	75-2	128	96	111	112	14.10	cps
Barium	135-1	2509	2592	2434	2511	3.15	cps
Barium	137-1	4384	4759	4776	4640	4.78	cps
Beryllium	9-1	572	500	472	515	10.03	cps
Bismuth	209-1	7674111	7678225	7541420	7631252	1.02	cps
Bismuth	209-2	5175622	5172738	5147736	5165365	0.30	cps
Boron	10-1	558	433	542	511	13.28	cps
Boron	11-1	2275	2409	2467	2384	4.12	cps
Bromine	81-1	7819	7035	7194	7349	5.64	cps
Bromine	81-2	100	110	80	97	15.80	cps
Cadmium	111-1	4578	4939	4716	4744	3.84	cps
Cadmium	106-1	4618	4793	4317	4576	5.25	cps
Cadmium	108-1	2625	2267	2617	2503	8.17	cps
Calcium	43-1	2093967	2037128	2024328	2051808	1.81	cps
Calcium	44-1	31732468	30838524	30497639	31022877	2.06	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	52884	52768	51887	52513	1.04	cps
Cobalt	59-2	4981	5214	5018	5071	2.48	cps
Copper	63-2	23125	23572	24210	23636	2.31	cps
Dysprosium	156-1	25	42	50	39	32.73	cps
Dysprosium	156-2	17	20	20	19	10.18	cps
Erbium	164-1	67	117	158	114	40.30	cps
Erbium	164-2	67	103	77	82	23.05	cps
Gadolinium	160-1	33	100	42	58	62.27	cps
Gadolinium	160-2	107	123	103	111	9.64	cps
Holmium	165-1	11911515	11980028	11857129	11916224	0.52	cps
Holmium	165-2	7674480	7701344	7609707	7661844	0.61	cps
Indium	115-1	8166897	8300795	8100491	8189394	1.25	cps
Indium	115-2	2181652	2211315	2191139	2194702	0.69	cps
Iron	56-2	228786305	229254833	228249400	228763513	0.22	cps
Iron	57-2	5686252	5668882	5712927	5689354	0.39	cps

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 17:08:55	DataFile Name :	019ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	12343012	12222678	12370742	12312144	0.64	cps
Krypton	83-1	687	673	683	681	1.02	cps
Lead	206-1	35609	34862	35648	35373	1.25	cps
Lead	207-1	28063	28080	26855	27666	2.54	cps
Lead	208-1	131155	130922	128937	130338	0.94	cps
Lithium	6-1	3008577	2918831	2906166	2944525	1.90	cps
Magnesium	24-2	23594040	23616723	23677189	23629317	0.18	cps
Manganese	55-2	13737	13543	14027	13769	1.77	cps
Molybdenum	94-1	3886985	3825036	3837696	3849906	0.85	cps
Molybdenum	95-1	6841236	6713000	6746304	6766847	0.98	cps
Molybdenum	96-1	7359716	7197543	7233623	7263627	1.17	cps
Molybdenum	97-1	4279074	4194311	4244943	4239443	1.01	cps
Molybdenum	98-1	10930605	10729328	10870267	10843400	0.95	cps
Neodymium	150-1	27	20	27	24	15.75	cps
Neodymium	150-2	7	10	23	13	66.12	cps
Nickel	60-2	6158	6001	5811	5990	2.90	cps
Phosphorus	31-2	533526	543511	539076	538704	0.93	cps
Potassium	39-2	20720921	20919723	20841006	20827217	0.48	cps
Rhodium	103-1	7220963	7059724	7131317	7137334	1.13	cps
Rhodium	103-2	4121549	4140424	4115635	4125869	0.31	cps
Scandium	45-1	4652888	4557222	4546925	4585678	1.27	cps
Scandium	45-2	300928	304571	300150	301883	0.78	cps
Selenium	82-1	6	29	45	27	73.70	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	59	57	76	64	15.89	cps
Silicon	28-1	254894	243212	243306	247137	2.72	cps
Silver	107-1	483	542	467	497	7.92	cps
Silver	109-1	408	458	425	431	5.91	cps
Sodium	23-2	42221712	41849537	41972542	42014597	0.45	cps
Strontium	86-1	78781	79050	77851	78561	0.80	cps
Strontium	88-1	682577	677570	678435	679527	0.39	cps
Sulfur	34-1	3865616	3747533	3737020	3783389	1.89	cps
Terbium	159-1	12140964	12072315	12007591	12073623	0.55	cps
Terbium	159-2	7414085	7417353	7328503	7386647	0.68	cps
Thallium	203-1	1142	933	858	978	15.01	cps
Thallium	205-1	2484	1909	1692	2028	20.18	cps

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 17:08:55	DataFile Name :	019ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	139	150	128	139	8.00	cps
Tin	118-1	1633	1392	1642	1556	9.13	cps
Titanium	47-1	1856191	1834751	1822085	1837676	0.94	cps
Uranium	238-1	450	375	508	444	15.04	cps
Vanadium	51-2	340	357	350	349	2.40	cps
Yttrium	89-1	11992159	11743521	11727268	11820982	1.26	cps
Yttrium	89-2	2348929	2403934	2378100	2376988	1.16	cps
Zinc	66-2	6275	6101	6308	6228	1.78	cps
Zirconium	90-1	900	892	758	850	9.35	cps
Zirconium	91-1	175	208	133	172	21.82	cps

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 17:11:56	DataFile Name :	020ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10668190	10520178	10656870	10615079	0.78	cps
Antimony	121-1	156849	159116	161062	159009	1.33	cps
Arsenic	75-2	5731	5890	5935	5852	1.83	cps
Barium	135-1	39966	41011	39715	40231	1.71	cps
Barium	137-1	70009	68234	69271	69172	1.29	cps
Beryllium	9-1	30893	30687	29473	30351	2.53	cps
Bismuth	209-1	7665589	7654913	7541634	7620712	0.90	cps
Bismuth	209-2	5170130	5192172	5145632	5169312	0.45	cps
Boron	10-1	11480	11671	11354	11502	1.39	cps
Boron	11-1	53010	53445	55485	53980	2.45	cps
Bromine	81-1	7419	6852	7010	7094	4.12	cps
Bromine	81-2	80	140	100	107	28.65	cps
Cadmium	111-1	45099	46065	44999	45388	1.30	cps
Cadmium	106-1	10196	10646	9995	10279	3.24	cps
Cadmium	108-1	6072	6056	5985	6037	0.77	cps
Calcium	43-1	2033333	2067010	2043775	2048039	0.84	cps
Calcium	44-1	30701433	31262474	30633919	30865942	1.12	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	102409	102711	102543	102554	0.15	cps
Cobalt	59-2	88729	89628	88870	89076	0.54	cps
Copper	63-2	81622	81522	81186	81443	0.28	cps
Dysprosium	156-1	42	58	50	50	16.67	cps
Dysprosium	156-2	10	13	10	11	17.30	cps
Erbium	164-1	133	100	75	103	28.48	cps
Erbium	164-2	87	93	27	69	53.29	cps
Gadolinium	160-1	83	50	83	72	26.65	cps
Gadolinium	160-2	173	80	153	136	36.25	cps
Holmium	165-1	11957000	11962547	11906998	11942181	0.26	cps
Holmium	165-2	7605713	7672144	7582997	7620285	0.61	cps
Indium	115-1	8228543	8195154	8254898	8226198	0.36	cps
Indium	115-2	2197128	2196953	2207913	2200664	0.29	cps
Iron	56-2	226962566	226023683	226779222	226588490	0.22	cps
Iron	57-2	5697968	5600789	5634760	5644506	0.87	cps

LB Number : LB115682 Operator : JASWAL
 Lab Sample ID : ICSAB01 Instrumnet Name : P7
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-03 17:11:56 DataFile Name : 020ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	12342540	12264130	12401062	12335910	0.56	cps
Krypton	83-1	660	697	667	674	2.90	cps
Lead	206-1	177151	178440	177454	177681	0.38	cps
Lead	207-1	144730	145914	145357	145334	0.41	cps
Lead	208-1	666856	673727	667353	669312	0.57	cps
Lithium	6-1	2915903	2847920	2825077	2862967	1.65	cps
Magnesium	24-2	23626579	23384193	23280910	23430561	0.76	cps
Manganese	55-2	48135	47664	48369	48056	0.75	cps
Molybdenum	94-1	4065994	4074949	4093025	4077989	0.34	cps
Molybdenum	95-1	6791286	6732597	6812603	6778829	0.61	cps
Molybdenum	96-1	7228151	7259452	7341952	7276518	0.81	cps
Molybdenum	97-1	4220340	4240668	4228250	4229753	0.24	cps
Molybdenum	98-1	10958297	10834676	10789342	10860772	0.81	cps
Neodymium	150-1	47	20	47	38	40.76	cps
Neodymium	150-2	17	17	20	18	10.81	cps
Nickel	60-2	27262	27305	27716	27428	0.91	cps
Phosphorus	31-2	530182	529999	534730	531637	0.50	cps
Potassium	39-2	20632779	20697512	20756984	20695758	0.30	cps
Rhodium	103-1	7267599	7280379	7127149	7225042	1.18	cps
Rhodium	103-2	4141466	4117178	4142072	4133572	0.34	cps
Scandium	45-1	4625123	4618144	4556524	4599930	0.82	cps
Scandium	45-2	303278	299884	301071	301411	0.57	cps
Selenium	82-1	2534	2422	2445	2467	2.40	cps
Selenium	77-2	143	120	167	143	16.28	cps
Selenium	78-2	654	667	576	632	7.76	cps
Silicon	28-1	251389	256804	261497	256564	1.97	cps
Silver	107-1	176300	176030	178510	176947	0.77	cps
Silver	109-1	170777	168575	169908	169753	0.65	cps
Sodium	23-2	42133556	41473192	41942262	41849670	0.81	cps
Strontium	86-1	204510	206276	209285	206690	1.17	cps
Strontium	88-1	1785944	1813413	1813470	1804276	0.88	cps
Sulfur	34-1	3760060	3762503	3739434	3753999	0.34	cps
Terbium	159-1	12311628	12264216	12145039	12240294	0.70	cps
Terbium	159-2	7445269	7397443	7418578	7420430	0.32	cps
Thallium	203-1	176657	179899	175907	177487	1.20	cps
Thallium	205-1	419343	420317	415278	418313	0.64	cps

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 17:11:56	DataFile Name :	020ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	167	167	161	165	1.94	cps
Tin	118-1	349946	347847	352260	350018	0.63	cps
Titanium	47-1	1815575	1816116	1821674	1817788	0.19	cps
Uranium	238-1	1419017	1410321	1426796	1418711	0.58	cps
Vanadium	51-2	42367	42066	41973	42135	0.49	cps
Yttrium	89-1	11835871	11766034	11963174	11855026	0.84	cps
Yttrium	89-2	2388414	2384948	2381693	2385018	0.14	cps
Zinc	66-2	15125	15468	15248	15280	1.14	cps
Zirconium	90-1	666987	678237	680460	675228	1.07	cps
Zirconium	91-1	148899	151577	145928	148801	1.90	cps

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	CCV64	Instrumnet Name :	P7
Client Sample ID :	CCV64	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 17:14:57	DataFile Name :	021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5890803	5897616	5873886	5887435	0.21	cps
Antimony	121-1	3660924	3706370	3713579	3693624	0.77	cps
Arsenic	75-2	140960	140109	139997	140355	0.38	cps
Barium	135-1	4545096	4585519	4581057	4570557	0.48	cps
Barium	137-1	7932242	7948995	8062236	7981157	0.89	cps
Beryllium	9-1	728118	732611	742638	734455	1.01	cps
Bismuth	209-1	7277771	7148989	7259471	7228744	0.96	cps
Bismuth	209-2	4897000	4946463	4927850	4923771	0.51	cps
Boron	10-1	95466	97278	101724	98156	3.28	cps
Boron	11-1	441280	457654	472508	457147	3.42	cps
Bromine	81-1	6802	6668	6994	6821	2.40	cps
Bromine	81-2	40	30	50	40	25.00	cps
Cadmium	111-1	965726	975338	974361	971808	0.54	cps
Cadmium	106-1	108975	112669	113753	111799	2.24	cps
Cadmium	108-1	74238	74850	74736	74608	0.44	cps
Calcium	43-1	4872465	4825412	4842095	4846657	0.49	cps
Calcium	44-1	78688731	76709102	77941093	77779642	1.29	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1299359	1295785	1302496	1299213	0.26	cps
Cobalt	59-2	2060378	2066260	2057393	2061344	0.22	cps
Copper	63-2	14761055	14521580	14564478	14615704	0.87	cps
Dysprosium	156-1	917	825	875	872	5.26	cps
Dysprosium	156-2	503	640	570	571	11.97	cps
Erbium	164-1	250	192	208	217	13.87	cps
Erbium	164-2	133	130	137	133	2.50	cps
Gadolinium	160-1	875	975	975	942	6.13	cps
Gadolinium	160-2	680	683	800	721	9.48	cps
Holmium	165-1	11548536	11575339	11676202	11600026	0.58	cps
Holmium	165-2	7452211	7440459	7370026	7420899	0.60	cps
Indium	115-1	7938979	7816915	7850526	7868807	0.80	cps
Indium	115-2	2116208	2136732	2133112	2128684	0.51	cps
Iron	56-2	289691006	289176229	287949606	288938947	0.31	cps
Iron	57-2	7204653	7224307	7253644	7227535	0.34	cps

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	CCV64	Instrumnet Name :	P7
Client Sample ID :	CCV64	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 17:14:57	DataFile Name :	021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	15714054	15776520	15735571	15742048	0.20	cps
Krypton	83-1	630	773	780	728	11.64	cps
Lead	206-1	17960848	17766834	18135641	17954441	1.03	cps
Lead	207-1	15775811	15686410	15972589	15811603	0.93	cps
Lead	208-1	71264360	70676239	71869234	71269944	0.84	cps
Lithium	6-1	2825996	2801491	2819762	2815750	0.45	cps
Magnesium	24-2	63606995	64449443	64076541	64044326	0.66	cps
Manganese	55-2	8870132	8966492	8857595	8898073	0.67	cps
Molybdenum	94-1	7251770	7281434	7250524	7261243	0.24	cps
Molybdenum	95-1	8921193	8935349	8985307	8947283	0.38	cps
Molybdenum	96-1	10011052	9907558	9997911	9972173	0.57	cps
Molybdenum	97-1	5597163	5631314	5718387	5648955	1.11	cps
Molybdenum	98-1	14419363	14412516	14427455	14419778	0.05	cps
Neodymium	150-1	447	387	380	404	9.08	cps
Neodymium	150-2	53	60	63	59	8.65	cps
Nickel	60-2	524292	523629	523139	523687	0.11	cps
Phosphorus	31-2	56649	56624	55253	56176	1.42	cps
Potassium	39-2	27290646	27358850	27271013	27306836	0.17	cps
Rhodium	103-1	6801766	6876432	6890813	6856337	0.70	cps
Rhodium	103-2	3970805	3964148	3943677	3959543	0.36	cps
Scandium	45-1	4517222	4491734	4511072	4506676	0.30	cps
Scandium	45-2	300707	299409	301612	300576	0.37	cps
Selenium	82-1	58989	58708	58914	58870	0.25	cps
Selenium	77-2	4167	3991	4047	4068	2.22	cps
Selenium	78-2	13842	13651	13473	13655	1.35	cps
Silicon	28-1	2423345	2458807	2524888	2469014	2.09	cps
Silver	107-1	4707339	4754445	4794789	4752191	0.92	cps
Silver	109-1	4539027	4518117	4576437	4544527	0.65	cps
Sodium	23-2	107321969	108592319	107026257	107646848	0.77	cps
Strontium	86-1	11253496	11182391	11211484	11215790	0.32	cps
Strontium	88-1	99055121	98140417	99905588	99033708	0.89	cps
Sulfur	34-1	715930	720696	729238	721955	0.93	cps
Terbium	159-1	11654677	11739981	11789309	11727989	0.58	cps
Terbium	159-2	7364967	7315946	7201008	7293974	1.15	cps
Thallium	203-1	4240228	4225946	4231645	4232606	0.17	cps
Thallium	205-1	10395887	10199815	10400055	10331919	1.11	cps

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	CCV64	Instrumnet Name :	P7
Client Sample ID :	CCV64	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 17:14:57	DataFile Name :	021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	14742628	14691529	14642093	14692083	0.34	cps
Tin	118-1	3134965	3140608	3180296	3151956	0.78	cps
Titanium	47-1	2280434	2290253	2304524	2291737	0.53	cps
Uranium	238-1	13571697	13492792	13382828	13482439	0.70	cps
Vanadium	51-2	1086010	1089969	1086416	1087465	0.20	cps
Yttrium	89-1	11688714	11549836	11732533	11657028	0.82	cps
Yttrium	89-2	2332606	2345919	2330567	2336364	0.36	cps
Zinc	66-2	2438241	2434654	2429425	2434107	0.18	cps
Zirconium	90-1	5932694	5996678	5974448	5967940	0.54	cps
Zirconium	91-1	1313648	1336548	1327365	1325854	0.87	cps

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	CCB64	Instrumnet Name :	P7
Client Sample ID :	CCB64	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 17:28:57	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	950	617	858	808	21.30	cps
Antimony	121-1	408	442	542	464	14.96	cps
Arsenic	75-2	6	17	15	12	48.20	cps
Barium	135-1	33	75	125	78	59.01	cps
Barium	137-1	125	100	158	128	22.91	cps
Beryllium	9-1	67	89	94	83	17.64	cps
Bismuth	209-1	7562251	7928248	7932189	7807563	2.72	cps
Bismuth	209-2	5459998	5480654	5475681	5472111	0.20	cps
Boron	10-1	975	675	908	853	18.47	cps
Boron	11-1	3609	3684	3526	3606	2.20	cps
Bromine	81-1	7394	7352	7477	7408	0.86	cps
Bromine	81-2	30	60	40	43	35.25	cps
Cadmium	111-1	3076	3254	3201	3177	2.87	cps
Cadmium	106-1	4384	4618	4584	4529	2.79	cps
Cadmium	108-1	25	17	42	28	45.82	cps
Calcium	43-1	150	250	175	192	27.15	cps
Calcium	44-1	5826	5693	5426	5648	3.61	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1323	1337	1167	1276	7.41	cps
Cobalt	59-2	137	140	153	143	6.15	cps
Copper	63-2	1190	1067	1190	1149	6.20	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	92	83	67	81	15.80	cps
Erbium	164-2	27	67	63	52	42.50	cps
Gadolinium	160-1	33	42	42	39	12.38	cps
Gadolinium	160-2	97	117	110	108	9.45	cps
Holmium	165-1	11357469	11801751	11811130	11656783	2.22	cps
Holmium	165-2	7666048	7648009	7694802	7669620	0.31	cps
Indium	115-1	8370501	8694427	8714072	8593000	2.25	cps
Indium	115-2	2322551	2343781	2349936	2338756	0.61	cps
Iron	56-2	12583	13479	14135	13399	5.81	cps
Iron	57-2	372	489	417	426	13.82	cps

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	CCB64	Instrumnet Name :	P7
Client Sample ID :	CCB64	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 17:28:57	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1472	1171	1261	1301	11.84	cps
Krypton	83-1	767	740	750	752	1.79	cps
Lead	206-1	1589	1861	1500	1650	11.40	cps
Lead	207-1	1461	1267	1328	1352	7.36	cps
Lead	208-1	6306	6579	6312	6399	2.43	cps
Lithium	6-1	3037472	3128979	3099276	3088576	1.51	cps
Magnesium	24-2	1875	2017	2550	2147	16.58	cps
Manganese	55-2	293	290	357	313	11.99	cps
Molybdenum	94-1	783	492	583	619	24.08	cps
Molybdenum	95-1	383	317	383	361	10.66	cps
Molybdenum	96-1	467	483	300	417	24.33	cps
Molybdenum	97-1	233	217	208	219	5.80	cps
Molybdenum	98-1	608	575	450	544	15.33	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	183	180	147	170	11.93	cps
Phosphorus	31-2	142	175	250	189	29.38	cps
Potassium	39-2	35894	36504	35852	36083	1.01	cps
Rhodium	103-1	7354061	7743373	7690396	7595943	2.78	cps
Rhodium	103-2	4494981	4509433	4519675	4508030	0.28	cps
Scandium	45-1	4653430	4840836	4814725	4769663	2.13	cps
Scandium	45-2	317877	320574	322644	320365	0.75	cps
Selenium	82-1	-5	51	-54	-2	-2157.66	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	83	74	81	80	6.15	cps
Silicon	28-1	178006	179811	179362	179060	0.52	cps
Silver	107-1	158	117	158	144	16.66	cps
Silver	109-1	133	150	125	136	9.36	cps
Sodium	23-2	19213	20414	21441	20356	5.48	cps
Strontium	86-1	1483	1375	1158	1339	12.36	cps
Strontium	88-1	1242	1075	1333	1217	10.76	cps
Sulfur	34-1	415848	414832	418770	416483	0.49	cps
Terbium	159-1	11630117	12191399	12016360	11945958	2.40	cps
Terbium	159-2	7576338	7509773	7501163	7529091	0.55	cps
Thallium	203-1	742	800	775	772	3.79	cps
Thallium	205-1	1909	1950	1608	1822	10.23	cps

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	CCB64	Instrumnet Name :	P7
Client Sample ID :	CCB64	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 17:28:57	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	472	383	406	420	11.00	cps
Tin	118-1	783	692	717	731	6.49	cps
Titanium	47-1	92	83	75	83	10.00	cps
Uranium	238-1	133	83	125	114	23.52	cps
Vanadium	51-2	37	47	23	36	32.93	cps
Yttrium	89-1	11879202	12219115	12210068	12102795	1.60	cps
Yttrium	89-2	2469645	2479394	2488695	2479244	0.38	cps
Zinc	66-2	563	557	580	567	2.12	cps
Zirconium	90-1	992	1167	1142	1100	8.61	cps
Zirconium	91-1	233	233	208	225	6.41	cps

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 17:32:01	DataFile Name :	023LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2934	2709	2750	2798	4.28	cps
Antimony	121-1	15567	15893	15567	15676	1.20	cps
Arsenic	75-2	333	291	354	326	9.86	cps
Barium	135-1	18813	18980	19097	18963	0.75	cps
Barium	137-1	32781	33424	32906	33037	1.03	cps
Beryllium	9-1	1667	1856	1722	1748	5.55	cps
Bismuth	209-1	7786891	7833623	7813466	7811326	0.30	cps
Bismuth	209-2	5438187	5512357	5491966	5480837	0.70	cps
Boron	10-1	5176	5860	5901	5646	7.21	cps
Boron	11-1	25639	26690	27208	26512	3.02	cps
Bromine	81-1	7477	7552	7535	7522	0.52	cps
Bromine	81-2	30	40	30	33	17.32	cps
Cadmium	111-1	5703	5663	5724	5697	0.55	cps
Cadmium	106-1	5134	5193	5234	5187	0.97	cps
Cadmium	108-1	100	133	213	149	38.88	cps
Calcium	43-1	10412	11238	11188	10946	4.23	cps
Calcium	44-1	180227	181687	184074	181996	1.07	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7162	6878	7052	7031	2.03	cps
Cobalt	59-2	4731	4704	4691	4709	0.43	cps
Copper	63-2	7122	7018	7345	7162	2.33	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	75	75	75	75	0.00	cps
Erbium	164-2	53	43	40	46	15.23	cps
Gadolinium	160-1	42	42	17	33	43.30	cps
Gadolinium	160-2	83	117	73	91	24.91	cps
Holmium	165-1	11918054	11736136	11695989	11783393	1.00	cps
Holmium	165-2	7610220	7816200	7618691	7681704	1.52	cps
Indium	115-1	8608370	8569917	8651306	8609865	0.47	cps
Indium	115-2	2330794	2344810	2331059	2335554	0.34	cps
Iron	56-2	138764	138349	137149	138087	0.61	cps
Iron	57-2	3623	3500	3423	3515	2.87	cps

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 17:32:01	DataFile Name :	023LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	8141	8521	8261	8308	2.34	cps
Krypton	83-1	720	763	750	744	2.98	cps
Lead	206-1	8642	8364	8392	8466	1.81	cps
Lead	207-1	7552	7313	7258	7374	2.12	cps
Lead	208-1	32983	33250	33000	33078	0.45	cps
Lithium	6-1	3088750	3085184	3096443	3090126	0.19	cps
Magnesium	24-2	138676	138307	135844	137609	1.12	cps
Manganese	55-2	2094	2080	2044	2072	1.25	cps
Molybdenum	94-1	14691	14775	15576	15014	3.25	cps
Molybdenum	95-1	18028	18329	18270	18209	0.88	cps
Molybdenum	96-1	20290	21200	20791	20760	2.19	cps
Molybdenum	97-1	12105	11864	11613	11861	2.07	cps
Molybdenum	98-1	29740	30224	29731	29898	0.94	cps
Neodymium	150-1	20	7	27	18	57.27	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	1497	1410	1327	1411	6.02	cps
Phosphorus	31-2	217	250	200	222	11.46	cps
Potassium	39-2	157148	159144	159019	158437	0.71	cps
Rhodium	103-1	7789281	7711838	7679055	7726725	0.73	cps
Rhodium	103-2	4494897	4514133	4481484	4496838	0.36	cps
Scandium	45-1	4773599	4799200	4848526	4807108	0.79	cps
Scandium	45-2	319414	321037	319188	319880	0.32	cps
Selenium	82-1	705	600	630	645	8.38	cps
Selenium	77-2	57	37	70	54	30.81	cps
Selenium	78-2	226	246	241	238	4.43	cps
Silicon	28-1	220603	226430	226331	224455	1.49	cps
Silver	107-1	9870	9995	9937	9934	0.63	cps
Silver	109-1	8678	9228	9153	9020	3.31	cps
Sodium	23-2	250399	247745	249932	249359	0.57	cps
Strontium	86-1	3617	3676	3517	3603	2.22	cps
Strontium	88-1	21600	22301	22602	22167	2.32	cps
Sulfur	34-1	414103	425908	423518	421176	1.48	cps
Terbium	159-1	12027814	12028264	11954208	12003429	0.36	cps
Terbium	159-2	7500179	7481294	7517601	7499692	0.24	cps
Thallium	203-1	9204	9303	9353	9287	0.82	cps
Thallium	205-1	22620	21501	21777	21966	2.65	cps

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 17:32:01	DataFile Name :	023LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	178	206	200	194	7.56	cps
Tin	118-1	33081	32188	33064	32778	1.56	cps
Titanium	47-1	4626	4693	4976	4765	3.90	cps
Uranium	238-1	23648	23289	24216	23718	1.97	cps
Vanadium	51-2	11925	12085	11331	11780	3.37	cps
Yttrium	89-1	12124547	12299419	12410484	12278150	1.17	cps
Yttrium	89-2	2478818	2490032	2489486	2486112	0.25	cps
Zinc	66-2	1833	1797	1757	1796	2.14	cps
Zirconium	90-1	13448	12973	13056	13159	1.93	cps
Zirconium	91-1	2700	2942	2975	2873	5.23	cps

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	PB138100BL	Instrumnet Name :	P7
Client Sample ID :	PB138100BL	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 17:35:05	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	33	108	69	54.12	cps
Antimony	121-1	167	150	258	192	30.43	cps
Arsenic	75-2	2	2	2	2	0.00	cps
Barium	135-1	50	33	42	42	20.00	cps
Barium	137-1	67	100	67	78	24.74	cps
Beryllium	9-1	117	106	83	102	16.67	cps
Bismuth	209-1	7857190	7869226	7840809	7855742	0.18	cps
Bismuth	209-2	5488030	5486211	5496793	5490345	0.10	cps
Boron	10-1	883	733	783	800	9.55	cps
Boron	11-1	3776	3075	3567	3473	10.35	cps
Bromine	81-1	7827	7711	7377	7638	3.06	cps
Bromine	81-2	40	30	60	43	35.25	cps
Cadmium	111-1	3111	3616	3696	3474	9.13	cps
Cadmium	106-1	4467	5184	5284	4979	8.95	cps
Cadmium	108-1	29	25	17	24	26.95	cps
Calcium	43-1	183	175	142	167	13.23	cps
Calcium	44-1	5251	5109	5376	5246	2.54	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1200	1277	1300	1259	4.16	cps
Cobalt	59-2	133	70	90	98	33.11	cps
Copper	63-2	763	760	693	739	5.34	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	108	50	33	64	61.65	cps
Erbium	164-2	57	60	37	51	24.69	cps
Gadolinium	160-1	25	67	25	39	61.86	cps
Gadolinium	160-2	103	133	113	117	13.10	cps
Holmium	165-1	11910772	11731904	11635331	11759336	1.19	cps
Holmium	165-2	7775490	7726411	7726836	7742912	0.36	cps
Indium	115-1	8636489	8614050	8717089	8655876	0.63	cps
Indium	115-2	2327749	2326992	2352342	2335694	0.62	cps
Iron	56-2	5651	5523	5512	5562	1.39	cps
Iron	57-2	156	133	172	154	12.69	cps

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	PB138100BL	Instrumnet Name :	P7
Client Sample ID :	PB138100BL	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 17:35:05	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1151	861	1091	1034	14.81	cps
Krypton	83-1	657	717	703	692	4.55	cps
Lead	206-1	1272	1545	1267	1361	11.67	cps
Lead	207-1	1272	1172	1033	1159	10.35	cps
Lead	208-1	5301	5723	5128	5384	5.68	cps
Lithium	6-1	3119741	3126369	3091333	3112481	0.60	cps
Magnesium	24-2	558	442	525	508	11.82	cps
Manganese	55-2	107	127	120	118	8.65	cps
Molybdenum	94-1	367	333	358	353	4.92	cps
Molybdenum	95-1	117	83	92	97	17.84	cps
Molybdenum	96-1	217	158	200	192	15.68	cps
Molybdenum	97-1	58	58	50	56	8.67	cps
Molybdenum	98-1	142	217	167	175	21.82	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	130	103	137	123	14.30	cps
Phosphorus	31-2	158	192	242	197	21.27	cps
Potassium	39-2	34758	34883	35360	35000	0.91	cps
Rhodium	103-1	7742765	7667187	7796791	7735581	0.84	cps
Rhodium	103-2	4499301	4506136	4522585	4509341	0.27	cps
Scandium	45-1	4850447	4826236	4819798	4832160	0.33	cps
Scandium	45-2	319277	319862	322979	320706	0.62	cps
Selenium	82-1	80	17	60	52	62.23	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	74	70	78	74	5.00	cps
Silicon	28-1	178671	178848	180357	179292	0.52	cps
Silver	107-1	158	183	150	164	10.59	cps
Silver	109-1	100	75	42	72	40.52	cps
Sodium	23-2	16251	16276	16092	16206	0.61	cps
Strontium	86-1	1242	1250	1117	1203	6.21	cps
Strontium	88-1	358	300	275	311	13.75	cps
Sulfur	34-1	424345	427484	424717	425515	0.40	cps
Terbium	159-1	12113925	12068447	11931826	12038066	0.79	cps
Terbium	159-2	7482401	7588557	7543448	7538135	0.71	cps
Thallium	203-1	592	600	792	661	17.11	cps
Thallium	205-1	1650	1242	1208	1367	18.00	cps

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	PB138100BL	Instrumnet Name :	P7
Client Sample ID :	PB138100BL	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 17:35:05	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	94	161	94	117	32.99	cps
Tin	118-1	783	817	733	778	5.39	cps
Titanium	47-1	42	58	67	56	22.91	cps
Uranium	238-1	33	8	8	17	86.62	cps
Vanadium	51-2	7	10	7	8	24.71	cps
Yttrium	89-1	12257376	12254963	12367577	12293305	0.52	cps
Yttrium	89-2	2491326	2466696	2488222	2482081	0.54	cps
Zinc	66-2	517	543	490	517	5.16	cps
Zirconium	90-1	733	758	800	764	4.41	cps
Zirconium	91-1	158	150	183	164	10.58	cps

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	PB138100BS	Instrumnet Name :	P7
Client Sample ID :	PB138100BS	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 17:38:09	DataFile Name :	025LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1164833	1153093	1165148	1161025	0.59	cps
Antimony	121-1	3736202	3767956	3766640	3756933	0.48	cps
Arsenic	75-2	139529	140289	140070	139963	0.28	cps
Barium	135-1	4557308	4586627	4600868	4581601	0.48	cps
Barium	137-1	8007578	8056798	8002384	8022253	0.37	cps
Beryllium	9-1	777312	772700	772565	774193	0.35	cps
Bismuth	209-1	7653732	7297599	7386661	7445997	2.49	cps
Bismuth	209-2	5183787	5258991	5261553	5234777	0.84	cps
Boron	10-1	96876	98536	100634	98682	1.91	cps
Boron	11-1	445351	460355	466667	457458	2.39	cps
Bromine	81-1	6935	6310	6652	6632	4.72	cps
Bromine	81-2	20	60	50	43	48.04	cps
Cadmium	111-1	1017098	1011857	1007887	1012281	0.46	cps
Cadmium	106-1	114877	115130	113307	114438	0.86	cps
Cadmium	108-1	76442	77908	77564	77305	0.99	cps
Calcium	43-1	1081776	1084911	1068056	1078248	0.83	cps
Calcium	44-1	16233738	16292074	15848833	16124882	1.49	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1279764	1273968	1286724	1280152	0.50	cps
Cobalt	59-2	2068016	2056714	2050951	2058561	0.42	cps
Copper	63-2	14262415	14375619	14363892	14333975	0.43	cps
Dysprosium	156-1	333	375	283	331	13.89	cps
Dysprosium	156-2	180	217	207	201	9.43	cps
Erbium	164-1	100	108	83	97	13.09	cps
Erbium	164-2	73	70	87	77	11.51	cps
Gadolinium	160-1	250	317	342	303	15.65	cps
Gadolinium	160-2	267	250	247	254	4.21	cps
Holmium	165-1	11685238	11132963	11170174	11329458	2.72	cps
Holmium	165-2	7476163	7449147	7471625	7465645	0.19	cps
Indium	115-1	8305414	7841094	7896107	8014205	3.17	cps
Indium	115-2	2168947	2165096	2172015	2168686	0.16	cps
Iron	56-2	57860528	57166236	57263617	57430127	0.65	cps
Iron	57-2	1466530	1463693	1459276	1463166	0.25	cps

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	PB138100BS	Instrumnet Name :	P7
Client Sample ID :	PB138100BS	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 17:38:09	DataFile Name :	025LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	3287929	3243302	3275433	3268888	0.70	cps
Krypton	83-1	697	710	800	736	7.64	cps
Lead	206-1	18188516	18387912	18336407	18304278	0.57	cps
Lead	207-1	15925865	16020162	16036380	15994136	0.37	cps
Lead	208-1	72078219	72202374	72600797	72293797	0.38	cps
Lithium	6-1	3056902	2924711	2890840	2957484	2.97	cps
Magnesium	24-2	12781539	12625621	12783897	12730352	0.71	cps
Manganese	55-2	8844657	8760787	8836345	8813930	0.52	cps
Molybdenum	94-1	7262082	7235403	7309416	7268967	0.52	cps
Molybdenum	95-1	9003160	8967051	8989650	8986620	0.20	cps
Molybdenum	96-1	9979566	9927083	9850614	9919088	0.65	cps
Molybdenum	97-1	5698164	5579817	5590791	5622924	1.16	cps
Molybdenum	98-1	14629833	14398581	14326671	14451695	1.10	cps
Neodymium	150-1	420	300	333	351	17.64	cps
Neodymium	150-2	27	30	43	33	26.45	cps
Nickel	60-2	532631	530867	532863	532120	0.21	cps
Phosphorus	31-2	54324	54558	54617	54500	0.28	cps
Potassium	39-2	5398527	5387655	5401346	5395843	0.13	cps
Rhodium	103-1	7349124	6948343	6919749	7072405	3.39	cps
Rhodium	103-2	4136141	4126474	4119589	4127401	0.20	cps
Scandium	45-1	4676567	4483084	4448515	4536055	2.71	cps
Scandium	45-2	299977	298028	300028	299345	0.38	cps
Selenium	82-1	61907	61492	60665	61354	1.03	cps
Selenium	77-2	4157	3927	3791	3958	4.68	cps
Selenium	78-2	13666	13414	13349	13476	1.24	cps
Silicon	28-1	2845918	3048947	3126284	3007050	4.82	cps
Silver	107-1	4628569	4597389	4621440	4615799	0.35	cps
Silver	109-1	4479125	4495628	4382556	4452437	1.37	cps
Sodium	23-2	21566982	21466561	21611367	21548303	0.34	cps
Strontium	86-1	11265590	11273867	11232383	11257280	0.20	cps
Strontium	88-1	99347950	98970238	99652725	99323638	0.34	cps
Sulfur	34-1	758716	755464	755863	756681	0.23	cps
Terbium	159-1	11942811	11414557	11422274	11593214	2.61	cps
Terbium	159-2	7332016	7313238	7259809	7301688	0.51	cps
Thallium	203-1	4285298	4322980	4285416	4297898	0.51	cps
Thallium	205-1	10371252	10339842	10367196	10359430	0.16	cps

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	PB138100BS	Instrumnet Name :	P7
Client Sample ID :	PB138100BS	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 17:38:09	DataFile Name :	025LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	14494803	14457883	14405973	14452886	0.31	cps
Tin	118-1	3188751	3204980	3192383	3195371	0.27	cps
Titanium	47-1	2312060	2300261	2278563	2296961	0.74	cps
Uranium	238-1	13261931	13401314	13241015	13301420	0.66	cps
Vanadium	51-2	1053312	1048045	1048923	1050093	0.27	cps
Yttrium	89-1	11934270	11540577	11499365	11658071	2.06	cps
Yttrium	89-2	2358137	2333143	2335154	2342144	0.59	cps
Zinc	66-2	2374162	2374703	2387718	2378861	0.32	cps
Zirconium	90-1	5882625	5887072	5782401	5850699	1.01	cps
Zirconium	91-1	1306602	1321145	1321961	1316569	0.66	cps

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	M3119-02	Instrumnet Name :	P7
Client Sample ID :	TOP-SOIL-GRILLIO-1	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 17:41:02	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6680278	6633925	6538338	6617514	1.09	cps
Antimony	121-1	7077	6969	6393	6813	5.39	cps
Arsenic	75-2	8060	8156	8056	8091	0.70	cps
Barium	135-1	243844	247686	247991	246507	0.94	cps
Barium	137-1	425363	433381	438216	432320	1.50	cps
Beryllium	9-1	15141	15208	15008	15119	0.67	cps
Bismuth	209-1	7269142	7446660	7532083	7415962	1.81	cps
Bismuth	209-2	4978700	5045699	5146328	5056909	1.67	cps
Boron	10-1	98771	103469	107521	103254	4.24	cps
Boron	11-1	473881	482471	493091	483148	1.99	cps
Bromine	81-1	17861	18779	21183	19274	8.90	cps
Bromine	81-2	2713	2573	2533	2606	3.63	cps
Cadmium	111-1	23535	23568	23720	23608	0.42	cps
Cadmium	106-1	7652	7719	7961	7777	2.09	cps
Cadmium	108-1	1371	1325	1408	1368	3.05	cps
Calcium	43-1	5299241	5270149	5320407	5296599	0.48	cps
Calcium	44-1	85172227	84482727	85744960	85133305	0.74	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	103372	103798	104017	103729	0.32	cps
Cobalt	59-2	448664	452328	451910	450967	0.44	cps
Copper	63-2	829997	833991	828735	830908	0.33	cps
Dysprosium	156-1	245474	247658	249062	247398	0.73	cps
Dysprosium	156-2	147513	147423	146598	147178	0.34	cps
Erbium	164-1	295804	305801	305570	302392	1.89	cps
Erbium	164-2	188542	182561	187353	186152	1.70	cps
Gadolinium	160-1	236721	240945	236688	238118	1.03	cps
Gadolinium	160-2	162000	160807	162610	161806	0.57	cps
Holmium	165-1	11453965	11755923	11877621	11695836	1.86	cps
Holmium	165-2	7429292	7443911	7495311	7456171	0.47	cps
Indium	115-1	7843978	7752778	7797028	7797928	0.58	cps
Indium	115-2	2063672	2072154	2106029	2080619	1.08	cps
Iron	56-2	151474231	152602437	150735409	151604026	0.62	cps
Iron	57-2	3829454	3871020	3834362	3844945	0.59	cps

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	M3119-02	Instrumnet Name :	P7
Client Sample ID :	TOP-SOIL-GRILLIO-1	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 17:41:02	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	8213016	8267039	8241958	8240671	0.33	cps
Krypton	83-1	987	863	1040	963	9.41	cps
Lead	206-1	2177185	2194389	2198202	2189925	0.51	cps
Lead	207-1	1771872	1801133	1820281	1797762	1.36	cps
Lead	208-1	8229085	8327809	8454222	8337038	1.35	cps
Lithium	6-1	2708624	2659946	2670658	2679743	0.95	cps
Magnesium	24-2	9750594	9718157	9584757	9684503	0.91	cps
Manganese	55-2	21626662	21878519	21749426	21751536	0.58	cps
Molybdenum	94-1	13932	13432	13273	13546	2.54	cps
Molybdenum	95-1	2417	2225	1984	2209	9.83	cps
Molybdenum	96-1	4684	4292	4051	4342	7.36	cps
Molybdenum	97-1	1433	1408	1183	1342	10.26	cps
Molybdenum	98-1	3442	3417	2709	3189	13.06	cps
Neodymium	150-1	270433	274972	274736	273380	0.93	cps
Neodymium	150-2	135698	137328	137634	136887	0.76	cps
Nickel	60-2	189865	188470	189128	189154	0.37	cps
Phosphorus	31-2	27993	27568	27735	27765	0.77	cps
Potassium	39-2	5155414	5197078	5165933	5172809	0.42	cps
Rhodium	103-1	6659194	6733339	6722642	6705058	0.60	cps
Rhodium	103-2	3887407	3899790	3976516	3921238	1.23	cps
Scandium	45-1	4229142	4269927	4276554	4258541	0.60	cps
Scandium	45-2	278647	278187	286125	280986	1.59	cps
Selenium	82-1	206	429	272	303	37.91	cps
Selenium	77-2	340	323	287	317	8.62	cps
Selenium	78-2	341	300	346	329	7.68	cps
Silicon	28-1	122245974	121427549	121829919	121834481	0.34	cps
Silver	107-1	775	542	583	633	19.65	cps
Silver	109-1	650	517	500	556	14.80	cps
Sodium	23-2	5426467	5457734	5353741	5412647	0.99	cps
Strontium	86-1	2254145	2262402	2285153	2267233	0.71	cps
Strontium	88-1	19666071	19993497	20053318	19904295	1.05	cps
Sulfur	34-1	14374100	14220224	14350582	14314969	0.58	cps
Terbium	159-1	11607678	11935111	11730104	11757631	1.41	cps
Terbium	159-2	7230093	7111959	7306860	7216304	1.36	cps
Thallium	203-1	5543	5585	5243	5457	3.42	cps
Thallium	205-1	13908	12281	12523	12904	6.80	cps

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	M3119-02	Instrumnet Name :	P7
Client Sample ID :	TOP-SOIL-GRILLIO-1	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 17:41:02	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	21419	21886	21919	21741	1.29	cps
Tin	118-1	2109	2250	2400	2253	6.47	cps
Titanium	47-1	22000	21232	21090	21441	2.28	cps
Uranium	238-1	89763	91415	94507	91895	2.62	cps
Vanadium	51-2	798477	804518	797267	800087	0.49	cps
Yttrium	89-1	15121849	15528144	15516504	15388832	1.50	cps
Yttrium	89-2	3027745	3050366	3073430	3050514	0.75	cps
Zinc	66-2	1090540	1089548	1085465	1088518	0.25	cps
Zirconium	90-1	32554	33247	34116	33306	2.35	cps
Zirconium	91-1	7752	7511	6994	7419	5.22	cps

LB Number : LB115682 Operator : JASWAL
 Lab Sample ID : M3223-02 Instrumnet Name : P7
 Client Sample ID : BACKFILL-ASHCROFT-F Dilution Factor : 1
 Date & Time Acquired :: 2021-08-03 17:44:05 DataFile Name : 027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1636364	1651113	1650403	1645960	0.51	cps
Antimony	121-1	1200	1167	1325	1231	6.78	cps
Arsenic	75-2	1078	1202	1270	1183	8.25	cps
Barium	135-1	186279	179468	180642	182130	2.00	cps
Barium	137-1	322154	328087	325486	325242	0.91	cps
Beryllium	9-1	617	544	650	604	8.94	cps
Bismuth	209-1	7578659	7917992	7654966	7717205	2.31	cps
Bismuth	209-2	5197425	5232152	5182805	5204127	0.49	cps
Boron	10-1	208934	219048	217257	215080	2.51	cps
Boron	11-1	990774	1039819	1035018	1021871	2.65	cps
Bromine	81-1	8361	8895	8736	8664	3.16	cps
Bromine	81-2	541	360	320	407	28.82	cps
Cadmium	111-1	4245	4301	4175	4240	1.49	cps
Cadmium	106-1	4976	5218	5126	5107	2.39	cps
Cadmium	108-1	138	133	163	144	10.92	cps
Calcium	43-1	3173940	3138167	3147467	3153191	0.59	cps
Calcium	44-1	49321099	48767188	47693076	48593788	1.70	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	21676	21793	22424	21964	1.83	cps
Cobalt	59-2	191542	190971	193182	191898	0.60	cps
Copper	63-2	217478	216617	217600	217231	0.25	cps
Dysprosium	156-1	91914	92275	92544	92245	0.34	cps
Dysprosium	156-2	56010	56214	55578	55934	0.58	cps
Erbium	164-1	117677	115166	113527	115457	1.81	cps
Erbium	164-2	70302	69619	72042	70654	1.77	cps
Gadolinium	160-1	95674	93560	93635	94290	1.27	cps
Gadolinium	160-2	63844	63898	64310	64017	0.40	cps
Holmium	165-1	11739719	12337192	12069166	12048693	2.48	cps
Holmium	165-2	7550108	7520728	7602097	7557644	0.55	cps
Indium	115-1	7949982	8392374	8269720	8204025	2.78	cps
Indium	115-2	2128738	2147340	2125609	2133896	0.55	cps
Iron	56-2	270930162	269585678	272595256	271037032	0.56	cps
Iron	57-2	6754117	6741382	6747649	6747716	0.09	cps

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	M3223-02	Instrumnet Name :	P7
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 17:44:05	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	14907948	14807106	14735869	14816974	0.58	cps
Krypton	83-1	773	753	807	778	3.46	cps
Lead	206-1	10438	10499	10610	10515	0.83	cps
Lead	207-1	8264	8381	8180	8275	1.21	cps
Lead	208-1	38639	38861	38694	38732	0.30	cps
Lithium	6-1	2664852	2791410	2675792	2710685	2.59	cps
Magnesium	24-2	6886870	6773745	6752932	6804516	1.06	cps
Manganese	55-2	3867561	3864481	3894511	3875518	0.43	cps
Molybdenum	94-1	4192	3692	4017	3967	6.40	cps
Molybdenum	95-1	783	825	908	839	7.59	cps
Molybdenum	96-1	2184	2117	2142	2147	1.57	cps
Molybdenum	97-1	550	383	483	472	17.76	cps
Molybdenum	98-1	1425	1100	1250	1258	12.93	cps
Neodymium	150-1	91366	92031	92627	92008	0.69	cps
Neodymium	150-2	45568	45769	46050	45796	0.53	cps
Nickel	60-2	41275	40572	41174	41007	0.93	cps
Phosphorus	31-2	6843	7060	7127	7010	2.11	cps
Potassium	39-2	437584	436552	438389	437508	0.21	cps
Rhodium	103-1	6852693	7153093	7046553	7017446	2.17	cps
Rhodium	103-2	4016940	4037820	4019177	4024646	0.28	cps
Scandium	45-1	4304955	4489907	4353114	4382659	2.19	cps
Scandium	45-2	281086	284027	283867	282993	0.58	cps
Selenium	82-1	138	138	145	140	3.00	cps
Selenium	77-2	103	97	113	104	8.03	cps
Selenium	78-2	161	181	169	170	6.05	cps
Silicon	28-1	101753638	100202261	99445227	100467042	1.17	cps
Silver	107-1	375	292	208	292	28.57	cps
Silver	109-1	217	183	183	194	9.90	cps
Sodium	23-2	20266082	20029273	20148718	20148024	0.59	cps
Strontium	86-1	848583	858726	859202	855503	0.70	cps
Strontium	88-1	7574163	7597496	7588092	7586583	0.15	cps
Sulfur	34-1	8064278	8028921	7967902	8020367	0.61	cps
Terbium	159-1	11786980	12359397	11950133	12032170	2.45	cps
Terbium	159-2	7278118	7319746	7242783	7280216	0.53	cps
Thallium	203-1	800	1000	658	819	20.95	cps
Thallium	205-1	1742	1859	1575	1725	8.26	cps

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	M3223-02	Instrumnet Name :	P7
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 17:44:05	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	1628	2045	1772	1815	11.66	cps
Tin	118-1	2242	1950	2267	2153	8.18	cps
Titanium	47-1	3225	3534	3742	3501	7.43	cps
Uranium	238-1	79179	79776	78149	79034	1.04	cps
Vanadium	51-2	342998	346101	340172	343090	0.86	cps
Yttrium	89-1	12777980	13340807	13070046	13062945	2.15	cps
Yttrium	89-2	2536850	2554582	2531008	2540813	0.48	cps
Zinc	66-2	264789	265609	266425	265608	0.31	cps
Zirconium	90-1	9537	9720	10329	9862	4.21	cps
Zirconium	91-1	2100	2384	2217	2234	6.38	cps

LB Number : LB115682 Operator : JASWAL
 Lab Sample ID : M3223-04 Instrumnet Name : P7
 Client Sample ID : BACKFILL-ASHCROFT-F Dilution Factor : 1
 Date & Time Acquired :: 2021-08-03 17:47:08 DataFile Name : 028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2595522	2570416	2580961	2582300	0.49	cps
Antimony	121-1	758	758	800	772	3.11	cps
Arsenic	75-2	1313	1400	1520	1411	7.38	cps
Barium	135-1	186847	188848	188613	188103	0.58	cps
Barium	137-1	326296	334482	331596	330791	1.26	cps
Beryllium	9-1	494	628	556	559	11.93	cps
Bismuth	209-1	7734506	7852724	7707999	7765076	0.99	cps
Bismuth	209-2	5123836	5212725	5191923	5176162	0.90	cps
Boron	10-1	221814	235280	235788	230961	3.43	cps
Boron	11-1	1053108	1123320	1119774	1098734	3.60	cps
Bromine	81-1	7127	7085	7694	7302	4.66	cps
Bromine	81-2	220	270	240	244	10.34	cps
Cadmium	111-1	4405	3964	4071	4147	5.54	cps
Cadmium	106-1	5876	5134	5284	5432	7.22	cps
Cadmium	108-1	96	108	100	101	6.28	cps
Calcium	43-1	2677598	2713977	2694685	2695420	0.68	cps
Calcium	44-1	40857717	40841460	41064624	40921267	0.30	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	27225	26340	27349	26971	2.04	cps
Cobalt	59-2	210983	210840	212927	211584	0.55	cps
Copper	63-2	240148	237820	237760	238576	0.57	cps
Dysprosium	156-1	118448	121223	117919	119197	1.49	cps
Dysprosium	156-2	71823	71839	71675	71779	0.13	cps
Erbium	164-1	143412	148255	147176	146281	1.74	cps
Erbium	164-2	88506	87621	88369	88166	0.54	cps
Gadolinium	160-1	120106	123208	120965	121426	1.32	cps
Gadolinium	160-2	81510	80571	81406	81162	0.63	cps
Holmium	165-1	11809090	11983840	12017162	11936697	0.94	cps
Holmium	165-2	7361674	7510322	7525461	7465819	1.21	cps
Indium	115-1	8159255	8258411	8144816	8187494	0.76	cps
Indium	115-2	2126824	2119842	2149132	2131933	0.72	cps
Iron	56-2	316354574	309856718	315164140	313791811	1.10	cps
Iron	57-2	7864789	7800731	7803966	7823162	0.46	cps

LB Number : LB115682 Operator : JASWAL
 Lab Sample ID : M3223-04 Instrumnet Name : P7
 Client Sample ID : BACKFILL-ASHCROFT-F Dilution Factor : 1
 Date & Time Acquired :: 2021-08-03 17:47:08 DataFile Name : 028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	17084884	16695346	17127386	16969205	1.40	cps
Krypton	83-1	853	843	677	791	12.54	cps
Lead	206-1	15587	15793	16199	15860	1.96	cps
Lead	207-1	12206	12589	13007	12601	3.18	cps
Lead	208-1	58512	59853	61757	60041	2.72	cps
Lithium	6-1	2683712	2728115	2711227	2707685	0.83	cps
Magnesium	24-2	8264559	8211989	8262124	8246224	0.36	cps
Manganese	55-2	3564321	3500776	3545944	3537014	0.92	cps
Molybdenum	94-1	3851	3992	3817	3887	2.39	cps
Molybdenum	95-1	733	550	517	600	19.44	cps
Molybdenum	96-1	1925	1859	1984	1922	3.25	cps
Molybdenum	97-1	333	317	292	314	6.68	cps
Molybdenum	98-1	1000	742	692	811	20.40	cps
Neodymium	150-1	121058	123479	122765	122434	1.02	cps
Neodymium	150-2	61222	60247	60779	60749	0.80	cps
Nickel	60-2	48590	46978	48563	48044	1.92	cps
Phosphorus	31-2	14441	14299	14190	14310	0.88	cps
Potassium	39-2	432852	429601	435288	432580	0.66	cps
Rhodium	103-1	7104200	7127675	7088266	7106714	0.28	cps
Rhodium	103-2	4039345	4010149	4085999	4045165	0.95	cps
Scandium	45-1	4369774	4389415	4363880	4374356	0.31	cps
Scandium	45-2	281975	279162	286500	282546	1.31	cps
Selenium	82-1	92	154	289	178	56.29	cps
Selenium	77-2	207	147	203	186	18.17	cps
Selenium	78-2	215	209	183	202	8.30	cps
Silicon	28-1	101663246	103648877	103033279	102781801	0.99	cps
Silver	107-1	242	267	317	275	13.89	cps
Silver	109-1	142	250	100	164	47.25	cps
Sodium	23-2	16510518	16428724	16421124	16453455	0.30	cps
Strontium	86-1	758307	767013	772923	766081	0.96	cps
Strontium	88-1	6744306	6671406	6788616	6734776	0.88	cps
Sulfur	34-1	8237228	8399688	8303391	8313436	0.98	cps
Terbium	159-1	11965418	12134974	11968591	12022994	0.81	cps
Terbium	159-2	7223227	7290712	7326298	7280079	0.72	cps
Thallium	203-1	667	567	500	578	14.52	cps
Thallium	205-1	1317	1425	1308	1350	4.82	cps

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	M3223-04	Instrumnet Name :	P7
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 17:47:08	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	3573	3262	3378	3404	4.62	cps
Tin	118-1	1125	950	1067	1047	8.51	cps
Titanium	47-1	4901	5159	4576	4879	5.99	cps
Uranium	238-1	83991	86070	85530	85197	1.27	cps
Vanadium	51-2	438251	432492	432627	434457	0.76	cps
Yttrium	89-1	13241104	13490443	13271181	13334242	1.02	cps
Yttrium	89-2	2620236	2586552	2624966	2610584	0.80	cps
Zinc	66-2	303824	298851	301749	301475	0.83	cps
Zirconium	90-1	10446	10387	10054	10296	2.05	cps
Zirconium	91-1	2267	2275	2525	2356	6.23	cps

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	M3223-06	Instrumnet Name :	P7
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 17:50:17	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2547074	2543155	2549407	2546545	0.12	cps
Antimony	121-1	825	700	825	783	9.21	cps
Arsenic	75-2	1387	1356	1391	1378	1.40	cps
Barium	135-1	182061	183722	185242	183675	0.87	cps
Barium	137-1	321163	322684	326880	323575	0.92	cps
Beryllium	9-1	489	611	633	578	13.46	cps
Bismuth	209-1	7677935	7668976	7674237	7673716	0.06	cps
Bismuth	209-2	5060476	5106061	5182648	5116395	1.21	cps
Boron	10-1	244005	250619	255982	250202	2.40	cps
Boron	11-1	1154588	1206249	1224524	1195120	3.04	cps
Bromine	81-1	7069	7260	7319	7216	1.81	cps
Bromine	81-2	250	240	240	244	2.37	cps
Cadmium	111-1	4052	4237	4026	4105	2.80	cps
Cadmium	106-1	5084	5385	5151	5207	3.03	cps
Cadmium	108-1	142	100	138	126	18.16	cps
Calcium	43-1	3091596	3097652	3108458	3099235	0.28	cps
Calcium	44-1	47223416	47217681	47266758	47235952	0.06	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	28795	28471	29366	28877	1.57	cps
Cobalt	59-2	232336	233213	234243	233264	0.41	cps
Copper	63-2	252416	253426	253828	253223	0.29	cps
Dysprosium	156-1	125509	123938	124552	124666	0.64	cps
Dysprosium	156-2	75026	75586	76172	75595	0.76	cps
Erbium	164-1	152408	152147	154049	152868	0.67	cps
Erbium	164-2	93734	93768	93543	93682	0.13	cps
Gadolinium	160-1	127480	125469	128103	127017	1.08	cps
Gadolinium	160-2	85370	84659	85085	85038	0.42	cps
Holmium	165-1	11827714	11842184	11934849	11868249	0.49	cps
Holmium	165-2	7545145	7450595	7523029	7506256	0.66	cps
Indium	115-1	8124289	8151345	8095481	8123705	0.34	cps
Indium	115-2	2124179	2128565	2128076	2126940	0.11	cps
Iron	56-2	341546697	343258797	340304041	341703178	0.43	cps
Iron	57-2	8560151	8378807	8487958	8475639	1.08	cps

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	M3223-06	Instrumnet Name :	P7
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 17:50:17	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	18491957	18438612	18523799	18484789	0.23	cps
Krypton	83-1	950	850	923	908	5.70	cps
Lead	206-1	14280	14858	14936	14692	2.44	cps
Lead	207-1	11366	11967	12278	11870	3.90	cps
Lead	208-1	54807	55440	55740	55329	0.86	cps
Lithium	6-1	2658130	2629408	2664605	2650715	0.71	cps
Magnesium	24-2	8844912	8712550	8849794	8802419	0.88	cps
Manganese	55-2	4119512	4140022	4145191	4134908	0.33	cps
Molybdenum	94-1	4001	4267	4301	4190	3.93	cps
Molybdenum	95-1	558	458	533	517	10.07	cps
Molybdenum	96-1	2084	2100	2092	2092	0.40	cps
Molybdenum	97-1	358	383	358	367	3.94	cps
Molybdenum	98-1	825	875	833	844	3.17	cps
Neodymium	150-1	124985	126190	130192	127123	2.14	cps
Neodymium	150-2	63652	64299	63709	63887	0.56	cps
Nickel	60-2	51727	51430	51594	51584	0.29	cps
Phosphorus	31-2	11446	12297	12414	12052	4.38	cps
Potassium	39-2	477072	478602	475711	477128	0.30	cps
Rhodium	103-1	6958065	6938306	6986456	6960942	0.35	cps
Rhodium	103-2	4008726	4025292	4028193	4020737	0.26	cps
Scandium	45-1	4320678	4343472	4327490	4330547	0.27	cps
Scandium	45-2	278153	283511	280216	280627	0.96	cps
Selenium	82-1	17	160	71	82	87.85	cps
Selenium	77-2	150	183	170	168	10.00	cps
Selenium	78-2	180	215	167	187	13.32	cps
Silicon	28-1	114297182	115323361	114623232	114747925	0.46	cps
Silver	107-1	150	108	225	161	36.70	cps
Silver	109-1	183	192	192	189	2.55	cps
Sodium	23-2	20762943	20501338	20708807	20657696	0.67	cps
Strontium	86-1	885445	887467	901385	891432	0.97	cps
Strontium	88-1	7766196	7763601	7918634	7816144	1.14	cps
Sulfur	34-1	9159316	9138933	9103457	9133902	0.31	cps
Terbium	159-1	12104199	12041371	12048374	12064648	0.29	cps
Terbium	159-2	7455665	7185535	7338716	7326639	1.85	cps
Thallium	203-1	450	525	442	472	9.72	cps
Thallium	205-1	1192	1033	1367	1197	13.93	cps

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	M3223-06	Instrumnet Name :	P7
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 17:50:17	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	2828	2923	2906	2886	1.75	cps
Tin	118-1	992	992	1008	997	0.96	cps
Titanium	47-1	4968	5151	5068	5062	1.81	cps
Uranium	238-1	92760	93381	96002	94048	1.83	cps
Vanadium	51-2	459109	461406	463460	461325	0.47	cps
Yttrium	89-1	13169864	13331221	13324864	13275316	0.69	cps
Yttrium	89-2	2621142	2622396	2637922	2627153	0.36	cps
Zinc	66-2	286686	287307	288501	287498	0.32	cps
Zirconium	90-1	10246	9737	11421	10468	8.25	cps
Zirconium	91-1	2592	2350	2325	2422	6.08	cps

LB Number : LB115682 Operator : JASWAL
 Lab Sample ID : M3223-02DUP Instrumnet Name : P7
 Client Sample ID : BACKFILL-ASHCROFT-F Dilution Factor : 1
 Date & Time Acquired :: 2021-08-03 17:53:21 DataFile Name : 030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1635807	1641567	1627521	1634965	0.43	cps
Antimony	121-1	700	800	500	667	22.91	cps
Arsenic	75-2	1317	1295	1272	1295	1.72	cps
Barium	135-1	183484	186044	184719	184749	0.69	cps
Barium	137-1	325496	325580	331935	327670	1.13	cps
Beryllium	9-1	450	494	478	474	4.74	cps
Bismuth	209-1	7736067	7831183	7786461	7784570	0.61	cps
Bismuth	209-2	5150218	5200123	5194549	5181630	0.53	cps
Boron	10-1	210346	214790	222496	215877	2.85	cps
Boron	11-1	999457	1032995	1065523	1032658	3.20	cps
Bromine	81-1	6727	6493	6852	6691	2.72	cps
Bromine	81-2	250	200	300	250	20.00	cps
Cadmium	111-1	4258	4158	4094	4170	1.98	cps
Cadmium	106-1	5218	5001	5043	5087	2.26	cps
Cadmium	108-1	200	192	158	183	12.02	cps
Calcium	43-1	3157589	3184646	3151543	3164593	0.56	cps
Calcium	44-1	48568051	48493525	48438994	48500190	0.13	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	22244	21950	21746	21980	1.14	cps
Cobalt	59-2	192343	193213	189654	191737	0.97	cps
Copper	63-2	214257	218986	215641	216295	1.12	cps
Dysprosium	156-1	90984	93533	94985	93168	2.17	cps
Dysprosium	156-2	56097	57915	56214	56742	1.79	cps
Erbium	164-1	118057	117720	118081	117953	0.17	cps
Erbium	164-2	72380	72018	71231	71876	0.82	cps
Gadolinium	160-1	94919	95230	96035	95395	0.60	cps
Gadolinium	160-2	64966	64601	64309	64625	0.51	cps
Holmium	165-1	12033061	11931169	12097475	12020568	0.70	cps
Holmium	165-2	7563453	7581896	7451623	7532324	0.94	cps
Indium	115-1	8152187	8198338	8101623	8150716	0.59	cps
Indium	115-2	2119092	2138891	2103560	2120515	0.84	cps
Iron	56-2	273521306	274163139	268547439	272077295	1.13	cps
Iron	57-2	6856464	6934511	6784543	6858506	1.09	cps

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	M3223-02DUP	Instrumnet Name :	P7
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 17:53:21	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	14788954	14870273	14670205	14776477	0.68	cps
Krypton	83-1	763	800	720	761	5.26	cps
Lead	206-1	10165	9932	9987	10028	1.22	cps
Lead	207-1	8308	8080	7936	8108	2.32	cps
Lead	208-1	37821	38406	38011	38079	0.78	cps
Lithium	6-1	2629529	2646062	2614535	2630042	0.60	cps
Magnesium	24-2	6806733	6855138	6833761	6831877	0.36	cps
Manganese	55-2	3896747	3891522	3838908	3875725	0.83	cps
Molybdenum	94-1	4051	3951	4126	4042	2.17	cps
Molybdenum	95-1	567	700	583	617	11.78	cps
Molybdenum	96-1	1775	1959	2125	1953	8.97	cps
Molybdenum	97-1	317	408	300	342	17.07	cps
Molybdenum	98-1	833	917	883	878	4.78	cps
Neodymium	150-1	93493	93621	95453	94189	1.16	cps
Neodymium	150-2	46264	46531	46207	46334	0.37	cps
Nickel	60-2	41057	41529	40887	41158	0.81	cps
Phosphorus	31-2	7060	7577	7377	7338	3.55	cps
Potassium	39-2	433408	438320	433024	434917	0.68	cps
Rhodium	103-1	6992667	7031243	6984275	7002728	0.36	cps
Rhodium	103-2	4030791	4041237	3991395	4021141	0.65	cps
Scandium	45-1	4304004	4317023	4312367	4311131	0.15	cps
Scandium	45-2	281292	281941	277509	280247	0.85	cps
Selenium	82-1	169	119	186	158	22.26	cps
Selenium	77-2	127	97	140	121	18.32	cps
Selenium	78-2	169	167	165	167	1.11	cps
Silicon	28-1	98590431	99653919	98225771	98823374	0.75	cps
Silver	107-1	217	208	133	186	24.66	cps
Silver	109-1	100	117	117	111	8.66	cps
Sodium	23-2	19976447	20340432	20129646	20148842	0.91	cps
Strontium	86-1	855980	871539	874880	867467	1.16	cps
Strontium	88-1	7682514	7634879	7730806	7682733	0.62	cps
Sulfur	34-1	7994066	7993206	7870760	7952677	0.89	cps
Terbium	159-1	12084558	12185127	12264010	12177898	0.74	cps
Terbium	159-2	7269083	7374095	7297472	7313550	0.74	cps
Thallium	203-1	400	450	467	439	7.90	cps
Thallium	205-1	1067	1192	1033	1097	7.61	cps

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	M3223-02DUP	Instrumnet Name :	P7
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 17:53:21	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	1478	1495	1500	1491	0.78	cps
Tin	118-1	942	992	1183	1039	12.28	cps
Titanium	47-1	3150	3400	3434	3328	4.65	cps
Uranium	238-1	81987	81950	81087	81675	0.62	cps
Vanadium	51-2	340661	347591	336516	341589	1.64	cps
Yttrium	89-1	12984836	12848111	13136526	12989825	1.11	cps
Yttrium	89-2	2520200	2544518	2510792	2525170	0.69	cps
Zinc	66-2	263198	266543	262396	264045	0.83	cps
Zirconium	90-1	9370	9545	10012	9642	3.44	cps
Zirconium	91-1	2225	2467	2284	2325	5.42	cps

LB Number : LB115682 Operator : JASWAL
 Lab Sample ID : M3223-02LX5 Instrumnet Name : P7
 Client Sample ID : BACKFILL-ASHCROFT-F Dilution Factor : 5
 Date & Time Acquired :: 2021-08-03 17:56:25 DataFile Name : 031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	336493	334654	336823	335990	0.35	cps
Antimony	121-1	258	275	250	261	4.88	cps
Arsenic	75-2	230	263	293	262	12.04	cps
Barium	135-1	35947	37326	38721	37331	3.72	cps
Barium	137-1	64290	66869	66475	65878	2.11	cps
Beryllium	9-1	183	206	183	191	6.73	cps
Bismuth	209-1	8127681	8423371	8165129	8238727	1.95	cps
Bismuth	209-2	5359161	5418038	5458610	5411936	0.92	cps
Boron	10-1	51346	54607	54657	53537	3.54	cps
Boron	11-1	252408	263615	265436	260486	2.71	cps
Bromine	81-1	6252	7119	6969	6780	6.83	cps
Bromine	81-2	130	40	90	87	52.03	cps
Cadmium	111-1	3722	3467	3286	3492	6.28	cps
Cadmium	106-1	5209	4793	4543	4848	6.95	cps
Cadmium	108-1	100	83	75	86	14.78	cps
Calcium	43-1	638112	648234	645149	643832	0.81	cps
Calcium	44-1	9723367	9814561	9860338	9799422	0.71	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5471	5261	5381	5371	1.96	cps
Cobalt	59-2	39480	39373	39861	39571	0.65	cps
Copper	63-2	45591	45949	45674	45738	0.41	cps
Dysprosium	156-1	18880	18930	18413	18741	1.52	cps
Dysprosium	156-2	10981	10998	11425	11135	2.26	cps
Erbium	164-1	22786	23362	23738	23295	2.06	cps
Erbium	164-2	14194	14308	14024	14175	1.01	cps
Gadolinium	160-1	18780	18964	19589	19111	2.22	cps
Gadolinium	160-2	13000	12593	12863	12818	1.62	cps
Holmium	165-1	12269023	12485903	12483672	12412866	1.00	cps
Holmium	165-2	7662878	7643427	7691037	7665781	0.31	cps
Indium	115-1	8551454	8646285	8491987	8563242	0.91	cps
Indium	115-2	2227523	2226451	2231623	2228532	0.12	cps
Iron	56-2	55760929	55157762	55236276	55384989	0.59	cps
Iron	57-2	1403825	1402985	1405528	1404113	0.09	cps

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	M3223-02LX5	Instrumnet Name :	P7
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	5
Date & Time Acquired ::	2021-08-03 17:56:25	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	3098604	3084994	3089510	3091036	0.22	cps
Krypton	83-1	650	757	743	717	8.11	cps
Lead	206-1	3250	3667	3634	3517	6.59	cps
Lead	207-1	2934	2956	2928	2939	0.50	cps
Lead	208-1	13047	13681	13553	13427	2.50	cps
Lithium	6-1	2757478	2802050	2777644	2779057	0.80	cps
Magnesium	24-2	1401204	1393664	1387323	1394064	0.50	cps
Manganese	55-2	794985	790652	786058	790565	0.56	cps
Molybdenum	94-1	983	1100	908	997	9.69	cps
Molybdenum	95-1	133	75	192	133	43.75	cps
Molybdenum	96-1	333	550	508	464	24.78	cps
Molybdenum	97-1	133	133	100	122	15.75	cps
Molybdenum	98-1	258	317	292	289	10.13	cps
Neodymium	150-1	18092	18920	18800	18604	2.40	cps
Neodymium	150-2	9063	9140	9143	9115	0.50	cps
Nickel	60-2	8596	8806	8793	8732	1.35	cps
Phosphorus	31-2	1517	1342	1550	1470	7.62	cps
Potassium	39-2	111826	113405	112188	112473	0.74	cps
Rhodium	103-1	7427452	7582502	7553233	7521062	1.10	cps
Rhodium	103-2	4286265	4291064	4265852	4281060	0.31	cps
Scandium	45-1	4506368	4543096	4529637	4526367	0.41	cps
Scandium	45-2	294242	293044	292922	293403	0.25	cps
Selenium	82-1	56	-36	46	22	228.25	cps
Selenium	77-2	23	23	13	20	28.87	cps
Selenium	78-2	89	96	94	93	4.14	cps
Silicon	28-1	20407788	20625747	20320001	20451179	0.77	cps
Silver	107-1	75	158	117	117	35.72	cps
Silver	109-1	67	58	58	61	7.88	cps
Sodium	23-2	4091668	4079942	4100660	4090757	0.25	cps
Strontium	86-1	174454	176985	177237	176225	0.87	cps
Strontium	88-1	1523867	1538658	1553189	1538571	0.95	cps
Sulfur	34-1	1924569	1950079	1944070	1939573	0.69	cps
Terbium	159-1	12291255	12601301	12422149	12438235	1.25	cps
Terbium	159-2	7522093	7408228	7548353	7492891	0.99	cps
Thallium	203-1	183	167	192	181	7.05	cps
Thallium	205-1	475	442	542	486	10.47	cps

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	M3223-02LX5	Instrumnet Name :	P7
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	5
Date & Time Acquired ::	2021-08-03 17:56:25	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	417	350	411	393	9.42	cps
Tin	118-1	1083	1100	1133	1106	2.30	cps
Titanium	47-1	908	758	742	803	11.44	cps
Uranium	238-1	15827	15936	15894	15886	0.34	cps
Vanadium	51-2	68769	68404	69800	68991	1.05	cps
Yttrium	89-1	12208306	12200645	12269667	12226206	0.31	cps
Yttrium	89-2	2411299	2399598	2406056	2405651	0.24	cps
Zinc	66-2	56402	56612	57088	56701	0.62	cps
Zirconium	90-1	2417	2409	2459	2428	1.10	cps
Zirconium	91-1	467	550	442	486	11.67	cps

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	M3223-02MS	Instrumnet Name :	P7
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 17:59:27	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2538386	2525575	2500943	2521635	0.75	cps
Antimony	121-1	3458122	3522999	3500292	3493804	0.94	cps
Arsenic	75-2	133148	130041	131261	131483	1.19	cps
Barium	135-1	4621004	4678232	4661136	4653458	0.63	cps
Barium	137-1	8228087	8298828	8274530	8267148	0.43	cps
Beryllium	9-1	611103	610153	602411	607889	0.78	cps
Bismuth	209-1	7353848	7620730	7672543	7549040	2.27	cps
Bismuth	209-2	4960051	4949736	4993747	4967845	0.46	cps
Boron	10-1	279432	291471	294475	288459	2.76	cps
Boron	11-1	1335929	1367000	1401158	1368029	2.38	cps
Bromine	81-1	6377	6168	6435	6327	2.22	cps
Bromine	81-2	190	130	230	184	27.46	cps
Cadmium	111-1	915993	923051	926336	921794	0.57	cps
Cadmium	106-1	105238	102560	104852	104216	1.39	cps
Cadmium	108-1	71713	73539	73095	72782	1.31	cps
Calcium	43-1	3835204	3848189	3844233	3842542	0.17	cps
Calcium	44-1	58655101	58450991	57880776	58328956	0.69	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1153042	1139141	1147749	1146644	0.61	cps
Cobalt	59-2	2000150	1975713	1993431	1989765	0.63	cps
Copper	63-2	14482706	14381037	14264193	14375979	0.76	cps
Dysprosium	156-1	87872	88458	87662	87997	0.47	cps
Dysprosium	156-2	51636	51148	51288	51358	0.49	cps
Erbium	164-1	110872	108343	108721	109312	1.25	cps
Erbium	164-2	65663	65495	65901	65686	0.31	cps
Gadolinium	160-1	88074	89164	88703	88647	0.62	cps
Gadolinium	160-2	58008	58018	59110	58379	1.08	cps
Holmium	165-1	11724088	11814218	11799006	11779104	0.41	cps
Holmium	165-2	7295903	7364699	7368768	7343123	0.56	cps
Indium	115-1	7727298	7846560	7863931	7812597	0.95	cps
Indium	115-2	2008312	2006195	2000189	2004899	0.21	cps
Iron	56-2	300976451	297716996	300874273	299855907	0.62	cps
Iron	57-2	7563943	7465441	7442994	7490793	0.86	cps

LB Number : LB115682 Operator : JASWAL
 Lab Sample ID : M3223-02MS Instrumnet Name : P7
 Client Sample ID : BACKFILL-ASHCROFT-F Dilution Factor : 1
 Date & Time Acquired :: 2021-08-03 17:59:27 DataFile Name : 032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	16338777	16231159	16206154	16258697	0.43	cps
Krypton	83-1	767	827	800	798	3.77	cps
Lead	206-1	18333453	18562071	18528817	18474781	0.67	cps
Lead	207-1	16148889	16194468	16115816	16153058	0.24	cps
Lead	208-1	73123637	73527347	73301901	73317628	0.28	cps
Lithium	6-1	2606186	2599670	2628565	2611473	0.58	cps
Magnesium	24-2	17245165	17180240	17003946	17143117	0.73	cps
Manganese	55-2	12401085	12169503	12368614	12313067	1.02	cps
Molybdenum	94-1	10772733	10581389	10582916	10645680	1.03	cps
Molybdenum	95-1	15298394	15138414	15145774	15194194	0.59	cps
Molybdenum	96-1	16800137	16580380	16617119	16665879	0.71	cps
Molybdenum	97-1	9550445	9483464	9531162	9521691	0.36	cps
Molybdenum	98-1	24832727	24513138	24482532	24609466	0.79	cps
Neodymium	150-1	85368	87751	87011	86710	1.41	cps
Neodymium	150-2	42696	42696	41960	42451	1.00	cps
Nickel	60-2	501134	501269	501126	501176	0.02	cps
Phosphorus	31-2	6452	6510	6218	6393	2.42	cps
Potassium	39-2	5267198	5177611	5273459	5239423	1.02	cps
Rhodium	103-1	6628267	6617172	6743894	6663111	1.05	cps
Rhodium	103-2	3803966	3816216	3812603	3810928	0.17	cps
Scandium	45-1	4131159	4146599	4206522	4161427	0.96	cps
Scandium	45-2	269254	266382	269902	268513	0.70	cps
Selenium	82-1	55569	55356	55505	55476	0.20	cps
Selenium	77-2	3681	3630	3877	3729	3.50	cps
Selenium	78-2	12005	11953	12140	12033	0.80	cps
Silicon	28-1	94102542	92820108	92591371	93171340	0.87	cps
Silver	107-1	1668857	1773939	1740600	1727798	3.11	cps
Silver	109-1	1436115	1436275	1516951	1463114	3.19	cps
Sodium	23-2	37477826	36982767	36941728	37134107	0.80	cps
Strontium	86-1	11359147	11100365	11308048	11255853	1.22	cps
Strontium	88-1	98646671	99178019	99612121	99145604	0.49	cps
Sulfur	34-1	7536895	7459027	7370760	7455561	1.11	cps
Terbium	159-1	11584620	11928690	11992851	11835387	1.85	cps
Terbium	159-2	7110248	7127218	7148906	7128791	0.27	cps
Thallium	203-1	4131133	4202597	4171455	4168395	0.86	cps
Thallium	205-1	10168782	10249035	10271364	10229727	0.53	cps

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	M3223-02MS	Instrumnet Name :	P7
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 17:59:27	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	2211	2150	2100	2154	2.58	cps
Tin	118-1	3075174	3095047	3119921	3096714	0.72	cps
Titanium	47-1	3693322	3697785	3714841	3701983	0.31	cps
Uranium	238-1	12953602	13199366	13099080	13084016	0.94	cps
Vanadium	51-2	1263170	1248794	1252868	1254944	0.59	cps
Yttrium	89-1	12450066	12456619	12677804	12528163	1.03	cps
Yttrium	89-2	2433406	2420725	2424991	2426374	0.27	cps
Zinc	66-2	2621490	2593181	2621102	2611924	0.62	cps
Zirconium	90-1	5373936	5447003	5427011	5415983	0.70	cps
Zirconium	91-1	1204204	1194304	1206919	1201809	0.55	cps

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	CCV65	Instrumnet Name :	P7
Client Sample ID :	CCV65	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 18:08:34	DataFile Name :	033CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5590972	5485758	5529547	5535425	0.95	cps
Antimony	121-1	3712094	3722716	3723139	3719316	0.17	cps
Arsenic	75-2	133604	133238	135312	134052	0.83	cps
Barium	135-1	4600974	4630471	4609860	4613768	0.33	cps
Barium	137-1	8239149	8208931	8108854	8185645	0.83	cps
Beryllium	9-1	724194	729221	714891	722769	1.01	cps
Bismuth	209-1	7588209	7618486	7393404	7533366	1.62	cps
Bismuth	209-2	4978805	4956218	4950432	4961818	0.30	cps
Boron	10-1	99609	104829	104837	103092	2.93	cps
Boron	11-1	461074	497688	486526	481763	3.90	cps
Bromine	81-1	6452	6768	6510	6577	2.56	cps
Bromine	81-2	40	40	80	53	43.30	cps
Cadmium	111-1	974052	985515	971984	977184	0.75	cps
Cadmium	106-1	111140	114861	111107	112369	1.92	cps
Cadmium	108-1	75608	76735	75449	75931	0.92	cps
Calcium	43-1	4941384	4872013	4802869	4872089	1.42	cps
Calcium	44-1	78903054	77458343	76390118	77583839	1.63	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1248989	1240488	1247938	1245805	0.37	cps
Cobalt	59-2	1963190	1956378	1964359	1961309	0.22	cps
Copper	63-2	14119695	14094465	14041636	14085265	0.28	cps
Dysprosium	156-1	875	950	825	883	7.12	cps
Dysprosium	156-2	597	563	477	546	11.35	cps
Erbium	164-1	75	275	233	194	54.27	cps
Erbium	164-2	127	160	140	142	11.80	cps
Gadolinium	160-1	842	933	942	906	6.13	cps
Gadolinium	160-2	643	700	697	680	4.68	cps
Holmium	165-1	12162136	12188882	11818850	12056623	1.71	cps
Holmium	165-2	7497110	7386100	7350926	7411378	1.03	cps
Indium	115-1	8148742	8100764	7924026	8057844	1.47	cps
Indium	115-2	2066242	2046096	2066912	2059750	0.57	cps
Iron	56-2	277440528	275069867	276577062	276362486	0.43	cps
Iron	57-2	6879151	6831719	6908931	6873267	0.57	cps

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	CCV65	Instrumnet Name :	P7
Client Sample ID :	CCV65	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 18:08:34	DataFile Name :	033CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	15081534	15088052	15138290	15102625	0.21	cps
Krypton	83-1	647	650	650	649	0.30	cps
Lead	206-1	18367909	18570132	18251037	18396359	0.88	cps
Lead	207-1	15864511	16065636	16082787	16004311	0.76	cps
Lead	208-1	72342060	73435125	72588484	72788556	0.79	cps
Lithium	6-1	2803137	2845383	2777825	2808782	1.22	cps
Magnesium	24-2	61178460	61130858	59683672	60664330	1.40	cps
Manganese	55-2	8459976	8499562	8507134	8488891	0.30	cps
Molybdenum	94-1	7340829	7270526	7267072	7292809	0.57	cps
Molybdenum	95-1	9061932	8991554	9029891	9027792	0.39	cps
Molybdenum	96-1	10010308	10047904	10123613	10060608	0.57	cps
Molybdenum	97-1	5607491	5634152	5637877	5626506	0.29	cps
Molybdenum	98-1	14498119	14579432	14492616	14523389	0.33	cps
Neodymium	150-1	407	453	433	431	5.43	cps
Neodymium	150-2	57	63	63	61	6.29	cps
Nickel	60-2	498873	495573	498452	497633	0.36	cps
Phosphorus	31-2	52476	52108	52050	52211	0.44	cps
Potassium	39-2	25976337	25828139	25872496	25892324	0.29	cps
Rhodium	103-1	7005975	6988023	6795073	6929690	1.69	cps
Rhodium	103-2	3858322	3850586	3866599	3858503	0.21	cps
Scandium	45-1	4564845	4479844	4429956	4491548	1.52	cps
Scandium	45-2	286581	285205	287520	286435	0.41	cps
Selenium	82-1	58423	59787	57943	58718	1.63	cps
Selenium	77-2	3691	3644	3807	3714	2.27	cps
Selenium	78-2	12978	12756	12806	12846	0.91	cps
Silicon	28-1	2356195	2400333	2391884	2382804	0.98	cps
Silver	107-1	4714537	4737372	4748674	4733528	0.37	cps
Silver	109-1	4535414	4594848	4534006	4554756	0.76	cps
Sodium	23-2	103032573	102446790	101726938	102402100	0.64	cps
Strontium	86-1	11486407	11374148	11211798	11357451	1.22	cps
Strontium	88-1	100293823	99992511	99264661	99850331	0.53	cps
Sulfur	34-1	724099	717135	713478	718237	0.75	cps
Terbium	159-1	12296475	12212054	11963765	12157431	1.42	cps
Terbium	159-2	7221024	7179916	7233980	7211640	0.39	cps
Thallium	203-1	4314063	4372328	4345850	4344080	0.67	cps
Thallium	205-1	10622166	10786334	10522199	10643566	1.25	cps

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	CCV65	Instrumnet Name :	P7
Client Sample ID :	CCV65	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 18:08:34	DataFile Name :	033CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	15096060	15297380	14929894	15107778	1.22	cps
Tin	118-1	3155488	3202249	3162095	3173277	0.80	cps
Titanium	47-1	2280568	2270771	2240470	2263936	0.92	cps
Uranium	238-1	13660645	13914690	13723614	13766316	0.96	cps
Vanadium	51-2	1038248	1026095	1032914	1032419	0.59	cps
Yttrium	89-1	12013645	11889358	11700940	11867981	1.33	cps
Yttrium	89-2	2253557	2244330	2264082	2253990	0.44	cps
Zinc	66-2	2334050	2325802	2338499	2332784	0.28	cps
Zirconium	90-1	5994531	5957559	5910578	5954222	0.71	cps
Zirconium	91-1	1325948	1324289	1318216	1322818	0.31	cps

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	CCB65	Instrumnet Name :	P7
Client Sample ID :	CCB65	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 18:13:58	DataFile Name :	034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	417	483	467	456	7.62	cps
Antimony	121-1	1250	933	1217	1133	15.35	cps
Arsenic	75-2	13	11	9	11	16.65	cps
Barium	135-1	100	83	92	92	9.09	cps
Barium	137-1	233	117	150	167	36.05	cps
Beryllium	9-1	172	144	117	144	19.23	cps
Bismuth	209-1	8397456	8231101	8097990	8242182	1.82	cps
Bismuth	209-2	5471063	5460509	5458010	5463194	0.13	cps
Boron	10-1	5468	5384	4943	5265	5.36	cps
Boron	11-1	26031	26123	24479	25544	3.62	cps
Bromine	81-1	7377	7094	7319	7263	2.06	cps
Bromine	81-2	20	40	110	57	83.40	cps
Cadmium	111-1	3114	3308	3009	3144	4.82	cps
Cadmium	106-1	4392	4734	4267	4465	5.41	cps
Cadmium	108-1	75	50	46	57	27.70	cps
Calcium	43-1	267	208	183	219	19.49	cps
Calcium	44-1	6268	5510	5593	5790	7.19	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1240	1380	1247	1289	6.13	cps
Cobalt	59-2	103	93	97	98	5.21	cps
Copper	63-2	1157	1050	990	1066	7.92	cps
Dysprosium	156-1	8	8	25	14	69.31	cps
Dysprosium	156-2	10	7	0	6	91.64	cps
Erbium	164-1	83	92	92	89	5.41	cps
Erbium	164-2	53	47	33	44	22.92	cps
Gadolinium	160-1	33	33	42	36	13.33	cps
Gadolinium	160-2	107	110	97	104	6.64	cps
Holmium	165-1	12433784	12313783	12159468	12302345	1.12	cps
Holmium	165-2	7648564	7813717	7600108	7687463	1.46	cps
Indium	115-1	8889755	8771430	8725955	8795713	0.96	cps
Indium	115-2	2268560	2287461	2291716	2282579	0.54	cps
Iron	56-2	9737	10404	10999	10380	6.08	cps
Iron	57-2	306	317	272	298	7.76	cps

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	CCB65	Instrumnet Name :	P7
Client Sample ID :	CCB65	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 18:13:58	DataFile Name :	034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1071	1281	981	1111	13.87	cps
Krypton	83-1	603	670	667	647	5.81	cps
Lead	206-1	3562	3523	3117	3400	7.24	cps
Lead	207-1	2784	2850	2750	2795	1.82	cps
Lead	208-1	13586	12980	12197	12921	5.39	cps
Lithium	6-1	3006977	2943810	2925712	2958833	1.44	cps
Magnesium	24-2	1258	1217	1383	1286	6.74	cps
Manganese	55-2	253	257	340	283	17.33	cps
Molybdenum	94-1	933	758	842	844	10.37	cps
Molybdenum	95-1	1075	950	783	936	15.63	cps
Molybdenum	96-1	1150	1008	800	986	17.85	cps
Molybdenum	97-1	725	525	433	561	26.58	cps
Molybdenum	98-1	1425	1150	942	1172	20.68	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	147	117	117	127	13.67	cps
Phosphorus	31-2	83	192	133	136	39.83	cps
Potassium	39-2	34056	33989	34733	34259	1.20	cps
Rhodium	103-1	7803550	7786636	7774509	7788231	0.19	cps
Rhodium	103-2	4392236	4424141	4445056	4420477	0.60	cps
Scandium	45-1	4801765	4706609	4682901	4730425	1.33	cps
Scandium	45-2	303159	306909	309889	306652	1.10	cps
Selenium	82-1	99	31	68	66	51.44	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	74	76	87	79	8.88	cps
Silicon	28-1	169906	168664	171067	169879	0.71	cps
Silver	107-1	967	892	750	869	12.65	cps
Silver	109-1	825	917	675	806	15.15	cps
Sodium	23-2	27651	26916	27693	27420	1.59	cps
Strontium	86-1	1333	1267	1167	1256	6.68	cps
Strontium	88-1	2050	1492	1492	1678	19.21	cps
Sulfur	34-1	394431	393610	396042	394694	0.31	cps
Terbium	159-1	12654459	12576384	12413399	12548081	0.98	cps
Terbium	159-2	7457580	7564237	7569390	7530402	0.84	cps
Thallium	203-1	1025	817	875	906	11.87	cps
Thallium	205-1	2309	2184	1992	2161	7.38	cps

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	CCB65	Instrumnet Name :	P7
Client Sample ID :	CCB65	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 18:13:58	DataFile Name :	034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	1450	1522	1417	1463	3.69	cps
Tin	118-1	842	1000	850	897	9.93	cps
Titanium	47-1	183	150	42	125	59.25	cps
Uranium	238-1	200	192	267	219	18.73	cps
Vanadium	51-2	33	20	30	28	24.98	cps
Yttrium	89-1	12544503	12319650	12170926	12345026	1.52	cps
Yttrium	89-2	2396114	2413915	2391831	2400620	0.49	cps
Zinc	66-2	607	523	507	546	9.82	cps
Zirconium	90-1	1125	1192	1075	1131	5.18	cps
Zirconium	91-1	242	242	225	236	4.07	cps

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	PB138100TB	Instrumnet Name :	P7
Client Sample ID :	PB138100TB	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 18:19:58	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125	117	50	97	42.28	cps
Antimony	121-1	442	408	317	389	16.64	cps
Arsenic	75-2	6	2	6	4	49.54	cps
Barium	135-1	33	50	33	39	24.75	cps
Barium	137-1	75	100	42	72	40.52	cps
Beryllium	9-1	139	117	94	117	19.05	cps
Bismuth	209-1	8059336	8076306	8201009	8112217	0.95	cps
Bismuth	209-2	5457338	5522005	5543174	5507506	0.81	cps
Boron	10-1	3809	3609	3742	3720	2.74	cps
Boron	11-1	18362	17460	17577	17800	2.75	cps
Bromine	81-1	7552	7319	7402	7424	1.59	cps
Bromine	81-2	40	20	20	27	43.30	cps
Cadmium	111-1	3127	3473	3271	3290	5.29	cps
Cadmium	106-1	4501	4968	4643	4704	5.09	cps
Cadmium	108-1	46	42	17	35	45.42	cps
Calcium	43-1	192	150	117	153	24.59	cps
Calcium	44-1	5201	5468	5976	5548	7.10	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1287	1297	1347	1310	2.45	cps
Cobalt	59-2	70	57	47	58	20.26	cps
Copper	63-2	817	777	720	771	6.30	cps
Dysprosium	156-1	8	8	25	14	69.31	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	117	100	108	108	7.69	cps
Erbium	164-2	37	53	43	44	18.87	cps
Gadolinium	160-1	42	42	17	33	43.30	cps
Gadolinium	160-2	93	97	103	98	5.21	cps
Holmium	165-1	11902251	12219497	12212081	12111276	1.49	cps
Holmium	165-2	7739811	7794995	7861414	7798740	0.78	cps
Indium	115-1	8726260	8701411	8837578	8755083	0.83	cps
Indium	115-2	2301866	2299917	2324715	2308833	0.60	cps
Iron	56-2	5579	5996	5368	5647	5.66	cps
Iron	57-2	139	200	183	174	18.15	cps

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	PB138100TB	Instrumnet Name :	P7
Client Sample ID :	PB138100TB	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 18:19:58	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	781	931	801	838	9.73	cps
Krypton	83-1	663	650	737	683	6.83	cps
Lead	206-1	2839	2767	3106	2904	6.15	cps
Lead	207-1	2434	2545	2534	2504	2.44	cps
Lead	208-1	10996	11402	11774	11391	3.42	cps
Lithium	6-1	2937331	2975553	2990332	2967739	0.92	cps
Magnesium	24-2	483	408	525	472	12.52	cps
Manganese	55-2	180	183	197	187	4.72	cps
Molybdenum	94-1	425	333	350	369	13.22	cps
Molybdenum	95-1	217	192	192	200	7.22	cps
Molybdenum	96-1	367	308	367	347	9.70	cps
Molybdenum	97-1	158	233	75	156	50.92	cps
Molybdenum	98-1	283	275	283	281	1.72	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	107	143	130	127	14.65	cps
Phosphorus	31-2	183	158	175	172	7.39	cps
Potassium	39-2	33814	33647	33447	33636	0.55	cps
Rhodium	103-1	7647517	7792748	7729603	7723289	0.94	cps
Rhodium	103-2	4471255	4464489	4471826	4469190	0.09	cps
Scandium	45-1	4673121	4722880	4755597	4717199	0.88	cps
Scandium	45-2	310518	309267	314017	311267	0.79	cps
Selenium	82-1	148	118	-7	86	95.26	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	81	87	78	82	5.68	cps
Silicon	28-1	173520	173032	172060	172871	0.43	cps
Silver	107-1	575	642	458	558	16.62	cps
Silver	109-1	567	500	333	467	25.75	cps
Sodium	23-2	19955	18971	19780	19569	2.68	cps
Strontium	86-1	1167	1375	1125	1222	10.96	cps
Strontium	88-1	442	425	367	411	9.58	cps
Sulfur	34-1	405933	413167	409262	409454	0.88	cps
Terbium	159-1	12203923	12492338	12377160	12357807	1.17	cps
Terbium	159-2	7636607	7635084	7562552	7611414	0.56	cps
Thallium	203-1	283	375	292	317	16.01	cps
Thallium	205-1	692	742	608	681	9.90	cps

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	PB138100TB	Instrumnet Name :	P7
Client Sample ID :	PB138100TB	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 18:19:58	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	367	300	411	359	15.57	cps
Tin	118-1	892	825	850	856	3.94	cps
Titanium	47-1	125	75	75	92	31.49	cps
Uranium	238-1	58	17	42	39	53.92	cps
Vanadium	51-2	3	0	7	3	100.05	cps
Yttrium	89-1	12235939	12407582	12316699	12320073	0.70	cps
Yttrium	89-2	2437825	2430889	2459995	2442903	0.62	cps
Zinc	66-2	623	623	687	644	5.67	cps
Zirconium	90-1	808	683	950	814	16.39	cps
Zirconium	91-1	200	200	158	186	12.93	cps

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	M3119-02DLX5	Instrumnet Name :	P7
Client Sample ID :	TOP-SOIL-GRILLIO-1DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-03 18:23:02	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1365853	1358427	1366684	1363655	0.33	cps
Antimony	121-1	1100	983	1208	1097	10.26	cps
Arsenic	75-2	1550	1765	1650	1655	6.50	cps
Barium	135-1	48368	50132	49472	49324	1.81	cps
Barium	137-1	84766	88296	89118	87393	2.65	cps
Beryllium	9-1	3123	2784	2895	2934	5.89	cps
Bismuth	209-1	8201194	8100464	7958528	8086728	1.51	cps
Bismuth	209-2	5282721	5323728	5365218	5323889	0.77	cps
Boron	10-1	22225	22509	23819	22851	3.72	cps
Boron	11-1	106876	105775	110089	107580	2.08	cps
Bromine	81-1	8928	9437	9203	9189	2.77	cps
Bromine	81-2	491	661	581	577	14.75	cps
Cadmium	111-1	7559	7621	7400	7527	1.52	cps
Cadmium	106-1	5351	5243	5068	5221	2.74	cps
Cadmium	108-1	292	308	313	304	3.63	cps
Calcium	43-1	1144932	1158138	1150829	1151300	0.57	cps
Calcium	44-1	17374712	17485635	17375457	17411935	0.37	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	21806	21442	22100	21783	1.51	cps
Cobalt	59-2	91908	91603	92922	92144	0.75	cps
Copper	63-2	171461	172367	171471	171766	0.30	cps
Dysprosium	156-1	49431	50142	51120	50231	1.69	cps
Dysprosium	156-2	28543	29004	28760	28769	0.80	cps
Erbium	164-1	58961	60450	61739	60383	2.30	cps
Erbium	164-2	36542	36789	36950	36760	0.56	cps
Gadolinium	160-1	46847	45618	46161	46209	1.33	cps
Gadolinium	160-2	31673	31546	31737	31652	0.31	cps
Holmium	165-1	12374975	12120522	12022748	12172748	1.49	cps
Holmium	165-2	7537093	7533840	7445973	7505636	0.69	cps
Indium	115-1	8719658	8511178	8433676	8554837	1.73	cps
Indium	115-2	2181156	2171111	2197474	2183247	0.61	cps
Iron	56-2	30789744	30967664	31068683	30942030	0.46	cps
Iron	57-2	784124	789083	789301	787503	0.37	cps

LB Number : LB115682 Operator : JASWAL
 Lab Sample ID : M3119-02DLX5 Instrumnet Name : P7
 Client Sample ID : TOP-SOIL-GRILLIO-1DL Dilution Factor : 5
 Date & Time Acquired :: 2021-08-03 18:23:02 DataFile Name : 037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1736937	1735262	1744039	1738746	0.27	cps
Krypton	83-1	757	770	787	771	1.95	cps
Lead	206-1	433176	445631	448566	442458	1.85	cps
Lead	207-1	357077	360970	363435	360494	0.89	cps
Lead	208-1	1660183	1689447	1687592	1679074	0.98	cps
Lithium	6-1	2989592	2867323	2832426	2896447	2.85	cps
Magnesium	24-2	1976574	1981764	1995463	1984600	0.49	cps
Manganese	55-2	4388800	4397864	4402073	4396246	0.15	cps
Molybdenum	94-1	3034	2884	3125	3014	4.05	cps
Molybdenum	95-1	400	233	383	339	27.09	cps
Molybdenum	96-1	742	767	733	747	2.32	cps
Molybdenum	97-1	150	200	142	164	19.25	cps
Molybdenum	98-1	375	375	292	347	13.86	cps
Neodymium	150-1	53912	53651	56268	54610	2.64	cps
Neodymium	150-2	27063	27791	27060	27305	1.54	cps
Nickel	60-2	39262	38230	38948	38813	1.36	cps
Phosphorus	31-2	5918	5301	5276	5498	6.61	cps
Potassium	39-2	1137033	1133751	1139006	1136597	0.23	cps
Rhodium	103-1	7625720	7452540	7390897	7489719	1.63	cps
Rhodium	103-2	4168472	4171819	4190131	4176808	0.28	cps
Scandium	45-1	4672704	4590445	4520446	4594531	1.66	cps
Scandium	45-2	288237	290476	292918	290544	0.81	cps
Selenium	82-1	41	66	53	53	23.45	cps
Selenium	77-2	43	57	87	62	35.67	cps
Selenium	78-2	104	181	124	136	29.56	cps
Silicon	28-1	25193858	25105059	25079442	25126120	0.24	cps
Silver	107-1	242	308	225	258	17.07	cps
Silver	109-1	158	158	183	167	8.66	cps
Sodium	23-2	1111382	1100411	1108058	1106617	0.51	cps
Strontium	86-1	458909	464295	468549	463918	1.04	cps
Strontium	88-1	4036344	4071577	4064075	4057332	0.46	cps
Sulfur	34-1	3281443	3276429	3240181	3266018	0.69	cps
Terbium	159-1	12542172	12373123	12186761	12367352	1.44	cps
Terbium	159-2	7401440	7380779	7320051	7367423	0.57	cps
Thallium	203-1	967	1092	1017	1025	6.14	cps
Thallium	205-1	2242	2450	2409	2367	4.66	cps

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	M3119-02DLX5	Instrumnet Name :	P7
Client Sample ID :	TOP-SOIL-GRILLIO-1DL	Dilution Factor :	5
Date & Time Acquired ::	2021-08-03 18:23:02	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	3940	4001	4045	3995	1.33	cps
Tin	118-1	875	992	1000	956	7.31	cps
Titanium	47-1	4743	4768	4618	4709	1.71	cps
Uranium	238-1	17029	17989	17839	17619	2.93	cps
Vanadium	51-2	161603	161964	160663	161410	0.42	cps
Yttrium	89-1	13170549	12804064	12708289	12894300	1.89	cps
Yttrium	89-2	2469723	2456273	2473699	2466565	0.37	cps
Zinc	66-2	229060	227026	229640	228575	0.60	cps
Zirconium	90-1	7044	7819	7110	7324	5.87	cps
Zirconium	91-1	1467	1625	1583	1558	5.27	cps

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	M3223-02MSD	Instrumnet Name :	P7
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 18:26:05	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2580231	2524628	2545972	2550277	1.10	cps
Antimony	121-1	3387977	3459887	3497973	3448612	1.62	cps
Arsenic	75-2	132521	131041	131622	131728	0.57	cps
Barium	135-1	4460281	4581444	4652463	4564730	2.13	cps
Barium	137-1	7805636	8060516	8134939	8000364	2.16	cps
Beryllium	9-1	597332	604914	598436	600228	0.68	cps
Bismuth	209-1	7408514	7352410	7479146	7413357	0.86	cps
Bismuth	209-2	4989770	4933123	5008358	4977084	0.79	cps
Boron	10-1	271676	282224	288628	280843	3.05	cps
Boron	11-1	1282821	1341085	1372979	1332295	3.43	cps
Bromine	81-1	7460	6702	6768	6977	6.02	cps
Bromine	81-2	270	210	340	274	23.80	cps
Cadmium	111-1	898836	910051	917923	908937	1.06	cps
Cadmium	106-1	101872	105306	103560	103579	1.66	cps
Cadmium	108-1	70084	71461	73262	71603	2.23	cps
Calcium	43-1	3818600	3854394	3878099	3850365	0.78	cps
Calcium	44-1	57522216	58396183	58364316	58094238	0.85	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1165166	1150335	1154151	1156551	0.67	cps
Cobalt	59-2	1982124	1986456	1986385	1984988	0.12	cps
Copper	63-2	8854222	8791634	8796486	8814114	0.40	cps
Dysprosium	156-1	84760	85893	86362	85672	0.96	cps
Dysprosium	156-2	52262	51790	51616	51890	0.64	cps
Erbium	164-1	106874	107420	107203	107165	0.26	cps
Erbium	164-2	66175	65666	65680	65840	0.44	cps
Gadolinium	160-1	85826	88116	90447	88130	2.62	cps
Gadolinium	160-2	59625	59752	59880	59752	0.21	cps
Holmium	165-1	11422416	11639601	11643375	11568464	1.09	cps
Holmium	165-2	7366736	7289767	7280138	7312214	0.65	cps
Indium	115-1	7687019	7682248	7848758	7739342	1.22	cps
Indium	115-2	2031727	2009936	2025453	2022372	0.55	cps
Iron	56-2	305908296	299411807	301743840	302354648	1.09	cps
Iron	57-2	7674075	7503998	7518639	7565570	1.25	cps

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	M3223-02MSD	Instrumnet Name :	P7
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 18:26:05	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	16558505	16506379	16390705	16485196	0.52	cps
Krypton	83-1	667	743	807	739	9.49	cps
Lead	206-1	17344897	17868282	18099412	17770864	2.18	cps
Lead	207-1	15265187	15830782	15895676	15663882	2.21	cps
Lead	208-1	69502104	71331168	71675763	70836345	1.65	cps
Lithium	6-1	2588534	2577835	2603459	2589943	0.50	cps
Magnesium	24-2	17407734	17263748	17325392	17332292	0.42	cps
Manganese	55-2	12586314	12403484	12363275	12451024	0.95	cps
Molybdenum	94-1	10359660	10383807	10548014	10430493	0.98	cps
Molybdenum	95-1	14764121	15040547	15247257	15017308	1.61	cps
Molybdenum	96-1	16057140	16376657	16644564	16359454	1.80	cps
Molybdenum	97-1	9080464	9311648	9450475	9280862	2.01	cps
Molybdenum	98-1	24021389	24362925	24459873	24281396	0.95	cps
Neodymium	150-1	83390	86408	85911	85236	1.90	cps
Neodymium	150-2	42127	42806	42391	42442	0.81	cps
Nickel	60-2	501668	498957	501778	500801	0.32	cps
Phosphorus	31-2	6852	6443	6435	6577	3.62	cps
Potassium	39-2	5342496	5229594	5253070	5275053	1.13	cps
Rhodium	103-1	6531601	6594231	6644240	6590024	0.86	cps
Rhodium	103-2	3854857	3805044	3818022	3825974	0.68	cps
Scandium	45-1	4138475	4171333	4185743	4165184	0.58	cps
Scandium	45-2	275234	271016	270903	272384	0.91	cps
Selenium	82-1	54015	55077	54758	54617	1.00	cps
Selenium	77-2	3724	3737	3781	3747	0.79	cps
Selenium	78-2	12287	11910	11998	12065	1.63	cps
Silicon	28-1	91854762	94215744	94565460	93545322	1.58	cps
Silver	107-1	1604360	2085822	1908072	1866085	13.05	cps
Silver	109-1	1849107	1577408	1576676	1667730	9.42	cps
Sodium	23-2	37299002	37318928	37379029	37332320	0.11	cps
Strontium	86-1	10510802	10641879	10658614	10603765	0.76	cps
Strontium	88-1	91869344	93660867	93874217	93134809	1.18	cps
Sulfur	34-1	7449913	7469821	7448961	7456232	0.16	cps
Terbium	159-1	11599304	11805156	11778530	11727664	0.95	cps
Terbium	159-2	7106933	7082077	7087810	7092273	0.18	cps
Thallium	203-1	3998834	4119982	4092234	4070350	1.56	cps
Thallium	205-1	9764384	10004460	10136710	9968518	1.89	cps

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	M3223-02MSD	Instrumnet Name :	P7
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 18:26:05	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	2661	2534	2584	2593	2.48	cps
Tin	118-1	3007627	3035295	3082656	3041859	1.25	cps
Titanium	47-1	3641495	3686417	3671303	3666405	0.62	cps
Uranium	238-1	12516944	12825840	12850907	12731230	1.46	cps
Vanadium	51-2	1269927	1261795	1260538	1264087	0.40	cps
Yttrium	89-1	12261549	12513480	12327784	12367604	1.06	cps
Yttrium	89-2	2458039	2408270	2443935	2436748	1.05	cps
Zinc	66-2	2561136	2537276	2536041	2544818	0.56	cps
Zirconium	90-1	5254530	5328260	5342766	5308519	0.89	cps
Zirconium	91-1	1170601	1190606	1195946	1185718	1.13	cps

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	M3223-02A	Instrumnet Name :	P7
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 18:28:59	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2617796	2554693	2566101	2579530	1.30	cps
Antimony	121-1	3436602	3474940	3512626	3474723	1.09	cps
Arsenic	75-2	135617	133206	132713	133845	1.16	cps
Barium	135-1	4560459	4625599	4656692	4614250	1.06	cps
Barium	137-1	8125210	8264191	8195351	8194917	0.85	cps
Beryllium	9-1	600913	613266	609843	608007	1.05	cps
Bismuth	209-1	7200953	7337666	7558581	7365733	2.45	cps
Bismuth	209-2	4965298	4982417	4992768	4980161	0.28	cps
Boron	10-1	287425	294804	297669	293299	1.80	cps
Boron	11-1	1342021	1399546	1424943	1388837	3.06	cps
Bromine	81-1	7144	6727	6793	6888	3.25	cps
Bromine	81-2	200	360	200	254	36.46	cps
Cadmium	111-1	905550	918358	917167	913691	0.77	cps
Cadmium	106-1	104054	103098	103995	103716	0.52	cps
Cadmium	108-1	71889	71445	72932	72088	1.06	cps
Calcium	43-1	3800938	3855174	3914433	3856848	1.47	cps
Calcium	44-1	57581339	58905395	59474858	58653864	1.66	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1175930	1168799	1167961	1170896	0.37	cps
Cobalt	59-2	2033602	2022150	2005515	2020422	0.70	cps
Copper	63-2	12040123	11789671	11978320	11936038	1.09	cps
Dysprosium	156-1	84358	87310	88568	86746	2.49	cps
Dysprosium	156-2	52744	52503	52540	52595	0.25	cps
Erbium	164-1	106957	107570	107925	107484	0.46	cps
Erbium	164-2	66534	65633	65807	65991	0.72	cps
Gadolinium	160-1	86388	88543	88232	87721	1.33	cps
Gadolinium	160-2	60549	59200	59066	59605	1.38	cps
Holmium	165-1	11372528	11478633	11602790	11484650	1.00	cps
Holmium	165-2	7374344	7375656	7399631	7383210	0.19	cps
Indium	115-1	7531558	7661393	7700850	7631267	1.16	cps
Indium	115-2	2046759	2037403	2057038	2047067	0.48	cps
Iron	56-2	309309174	306093029	302796518	306066240	1.06	cps
Iron	57-2	7643042	7591287	7564073	7599468	0.53	cps

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	M3223-02A	Instrumnet Name :	P7
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 18:28:59	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	16877734	16650011	16522155	16683300	1.08	cps
Krypton	83-1	720	803	703	742	7.22	cps
Lead	206-1	17893602	18253167	18054363	18067044	1.00	cps
Lead	207-1	15818296	15683124	16043079	15848166	1.15	cps
Lead	208-1	71161571	71345284	72536304	71681053	1.04	cps
Lithium	6-1	2601580	2610949	2636257	2616262	0.69	cps
Magnesium	24-2	17683838	17371081	17254008	17436309	1.27	cps
Manganese	55-2	12795269	12668326	12489505	12651034	1.21	cps
Molybdenum	94-1	10407375	10558014	10629153	10531514	1.08	cps
Molybdenum	95-1	14832707	15198784	15196976	15076155	1.40	cps
Molybdenum	96-1	16380327	16654101	16567061	16533830	0.85	cps
Molybdenum	97-1	9317548	9397200	9524842	9413197	1.11	cps
Molybdenum	98-1	24188110	24471623	24625510	24428415	0.91	cps
Neodymium	150-1	84878	87119	87239	86412	1.54	cps
Neodymium	150-2	43278	42786	43398	43154	0.75	cps
Nickel	60-2	510408	507897	508865	509057	0.25	cps
Phosphorus	31-2	7094	6560	6485	6713	4.94	cps
Potassium	39-2	5466558	5357183	5309796	5377846	1.49	cps
Rhodium	103-1	6446342	6531896	6668391	6548876	1.71	cps
Rhodium	103-2	3836920	3858573	3875996	3857163	0.51	cps
Scandium	45-1	4074561	4133390	4227552	4145168	1.86	cps
Scandium	45-2	276748	270697	277720	275055	1.38	cps
Selenium	82-1	54193	55544	54910	54882	1.23	cps
Selenium	77-2	3597	3630	3734	3654	1.95	cps
Selenium	78-2	12552	12257	12548	12452	1.36	cps
Silicon	28-1	92678790	94485417	93568713	93577640	0.97	cps
Silver	107-1	1509117	1537678	1528854	1525216	0.96	cps
Silver	109-1	1695534	2040311	1597323	1777722	13.09	cps
Sodium	23-2	38008861	37439105	37822931	37756966	0.77	cps
Strontium	86-1	10909021	10950504	11042872	10967466	0.62	cps
Strontium	88-1	95799090	96468950	97217508	96495183	0.74	cps
Sulfur	34-1	7339239	7456964	7537545	7444583	1.34	cps
Terbium	159-1	11279137	11572302	11768635	11540025	2.13	cps
Terbium	159-2	7166914	7126935	7203839	7165896	0.54	cps
Thallium	203-1	4060724	4092057	4099778	4084186	0.51	cps
Thallium	205-1	9862963	10117861	10046996	10009273	1.31	cps

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	M3223-02A	Instrumnet Name :	P7
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 18:28:59	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	2150	2195	2239	2195	2.03	cps
Tin	118-1	3037038	3095937	3071046	3068007	0.96	cps
Titanium	47-1	3616584	3712069	3708043	3678899	1.47	cps
Uranium	238-1	12624458	12901444	12790042	12771981	1.09	cps
Vanadium	51-2	1290507	1274185	1275476	1280056	0.71	cps
Yttrium	89-1	12196928	12298652	12605261	12366947	1.72	cps
Yttrium	89-2	2489055	2466020	2462272	2472449	0.59	cps
Zinc	66-2	2619454	2610600	2614228	2614761	0.17	cps
Zirconium	90-1	5290580	5360523	5408860	5353321	1.11	cps
Zirconium	91-1	1185317	1194014	1201537	1193622	0.68	cps

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	CCV66	Instrumnet Name :	P7
Client Sample ID :	CCV66	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 18:35:39	DataFile Name :	040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5608484	5533586	5572438	5571503	0.67	cps
Antimony	121-1	3609820	3653653	3663279	3642251	0.78	cps
Arsenic	75-2	131575	132664	133180	132473	0.62	cps
Barium	135-1	4488087	4539582	4537614	4521761	0.65	cps
Barium	137-1	8014677	8000700	8024456	8013278	0.15	cps
Beryllium	9-1	698992	714907	716260	710053	1.35	cps
Bismuth	209-1	7503886	7330444	7499016	7444449	1.33	cps
Bismuth	209-2	4818726	4824021	4864956	4835901	0.52	cps
Boron	10-1	98133	103769	106169	102690	4.02	cps
Boron	11-1	453005	483978	494783	477255	4.54	cps
Bromine	81-1	6335	7085	6076	6499	8.06	cps
Bromine	81-2	50	20	40	37	41.66	cps
Cadmium	111-1	938918	960427	960202	953182	1.30	cps
Cadmium	106-1	108537	109159	110831	109509	1.08	cps
Cadmium	108-1	72730	73555	73283	73190	0.57	cps
Calcium	43-1	4908817	4930983	4939745	4926515	0.32	cps
Calcium	44-1	78970168	78683106	78398935	78684070	0.36	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1227425	1225613	1232023	1228354	0.27	cps
Cobalt	59-2	1944512	1942593	1945902	1944336	0.09	cps
Copper	63-2	14042036	14019159	14016667	14025954	0.10	cps
Dysprosium	156-1	1000	1008	1017	1008	0.83	cps
Dysprosium	156-2	557	600	620	592	5.47	cps
Erbium	164-1	283	258	225	256	11.45	cps
Erbium	164-2	140	137	133	137	2.44	cps
Gadolinium	160-1	767	1058	842	889	17.04	cps
Gadolinium	160-2	677	707	710	698	2.63	cps
Holmium	165-1	12043488	11834406	11813322	11897072	1.07	cps
Holmium	165-2	7287171	7309085	7370503	7322253	0.59	cps
Indium	115-1	8092197	8080732	7986465	8053131	0.72	cps
Indium	115-2	2034501	2049939	2058757	2047732	0.60	cps
Iron	56-2	274842784	272572839	275273151	274229591	0.53	cps
Iron	57-2	6833165	6833106	6914359	6860210	0.68	cps

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	CCV66	Instrumnet Name :	P7
Client Sample ID :	CCV66	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 18:35:39	DataFile Name :	040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	14974282	14869984	14952962	14932409	0.37	cps
Krypton	83-1	683	600	637	640	6.53	cps
Lead	206-1	17909427	18181301	18117495	18069408	0.79	cps
Lead	207-1	15611108	15697625	15994976	15767903	1.28	cps
Lead	208-1	70590576	71278025	72535024	71467875	1.38	cps
Lithium	6-1	2765256	2785484	2744718	2765153	0.74	cps
Magnesium	24-2	60499964	58752787	60117601	59790117	1.54	cps
Manganese	55-2	8458088	8423001	8566458	8482515	0.88	cps
Molybdenum	94-1	7137150	7188491	7144409	7156683	0.39	cps
Molybdenum	95-1	8913821	8862275	8855351	8877149	0.36	cps
Molybdenum	96-1	9901998	9875942	9791635	9856525	0.59	cps
Molybdenum	97-1	5492986	5507850	5532082	5510972	0.36	cps
Molybdenum	98-1	14259616	14266301	14125750	14217223	0.56	cps
Neodymium	150-1	453	413	420	429	5.00	cps
Neodymium	150-2	60	57	73	63	13.92	cps
Nickel	60-2	493787	492165	497143	494365	0.51	cps
Phosphorus	31-2	51531	51380	51790	51567	0.40	cps
Potassium	39-2	25649554	25461159	25672816	25594510	0.45	cps
Rhodium	103-1	6978147	6975161	6811755	6921688	1.38	cps
Rhodium	103-2	3801098	3820992	3840900	3820997	0.52	cps
Scandium	45-1	4527592	4488465	4418943	4478333	1.23	cps
Scandium	45-2	283938	284954	287274	285389	0.60	cps
Selenium	82-1	57158	57941	57890	57663	0.76	cps
Selenium	77-2	3761	3604	3640	3668	2.23	cps
Selenium	78-2	12948	12884	12793	12875	0.61	cps
Silicon	28-1	2594606	2736578	2808892	2713359	4.02	cps
Silver	107-1	4577779	4604428	4606524	4596244	0.35	cps
Silver	109-1	4399063	4424294	4395442	4406266	0.36	cps
Sodium	23-2	101538563	101739240	101119356	101465720	0.31	cps
Strontium	86-1	11173668	11250440	11247119	11223742	0.39	cps
Strontium	88-1	98080461	99121308	98692583	98631451	0.53	cps
Sulfur	34-1	705171	704805	705953	705310	0.08	cps
Terbium	159-1	12132233	12068823	12003817	12068291	0.53	cps
Terbium	159-2	7144711	7062418	7124258	7110462	0.60	cps
Thallium	203-1	4178981	4262875	4250617	4230824	1.07	cps
Thallium	205-1	10339364	10470702	10507642	10439236	0.85	cps

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	CCV66	Instrumnet Name :	P7
Client Sample ID :	CCV66	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 18:35:39	DataFile Name :	040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	14555029	14684835	14993779	14744548	1.53	cps
Tin	118-1	3093727	3147420	3120595	3120580	0.86	cps
Titanium	47-1	2224127	2225039	2223089	2224085	0.04	cps
Uranium	238-1	13382545	13816125	13957939	13718869	2.19	cps
Vanadium	51-2	1023770	1016228	1026788	1022262	0.53	cps
Yttrium	89-1	12119054	11781292	11505837	11802061	2.60	cps
Yttrium	89-2	2227595	2240631	2257903	2242043	0.68	cps
Zinc	66-2	2295156	2301895	2304348	2300466	0.21	cps
Zirconium	90-1	5896058	5839056	5877707	5870940	0.50	cps
Zirconium	91-1	1299791	1299093	1299122	1299335	0.03	cps

LB Number : LB115682 Operator : JASWAL
 Lab Sample ID : CCB66 Instrumnet Name : P7
 Client Sample ID : CCB66 Dilution Factor : 1
 Date & Time Acquired :: 2021-08-03 18:45:13 DataFile Name : 041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	317	367	367	350	8.25	cps
Antimony	121-1	808	758	675	747	9.01	cps
Arsenic	75-2	7	17	13	12	37.75	cps
Barium	135-1	42	108	83	78	43.30	cps
Barium	137-1	167	125	133	142	15.56	cps
Beryllium	9-1	144	117	128	130	10.79	cps
Bismuth	209-1	8063643	7991626	8012793	8022687	0.46	cps
Bismuth	209-2	5423313	5484187	5477996	5461832	0.61	cps
Boron	10-1	4034	4567	4176	4259	6.49	cps
Boron	11-1	20247	20348	19271	19955	2.98	cps
Bromine	81-1	6994	7427	7661	7360	4.60	cps
Bromine	81-2	40	50	50	47	12.37	cps
Cadmium	111-1	3039	3275	2641	2985	10.73	cps
Cadmium	106-1	4326	4701	3826	4284	10.25	cps
Cadmium	108-1	38	46	58	47	22.20	cps
Calcium	43-1	158	125	192	158	21.05	cps
Calcium	44-1	5568	5384	5518	5490	1.73	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1270	1353	1223	1282	5.14	cps
Cobalt	59-2	103	137	93	111	20.42	cps
Copper	63-2	1007	1203	1190	1133	9.70	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	100	92	108	100	8.33	cps
Erbium	164-2	50	43	70	54	25.49	cps
Gadolinium	160-1	42	42	50	44	10.82	cps
Gadolinium	160-2	83	113	77	91	21.43	cps
Holmium	165-1	11976616	11960107	12171344	12036022	0.98	cps
Holmium	165-2	7673450	7763854	7553836	7663713	1.37	cps
Indium	115-1	8718987	8748566	8687110	8718221	0.35	cps
Indium	115-2	2276239	2290574	2283904	2283572	0.31	cps
Iron	56-2	11822	12645	13406	12624	6.28	cps
Iron	57-2	361	333	328	341	5.24	cps

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	CCB66	Instrumnet Name :	P7
Client Sample ID :	CCB66	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 18:45:13	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1442	1281	1311	1345	6.33	cps
Krypton	83-1	663	677	743	694	6.17	cps
Lead	206-1	4151	4128	4078	4119	0.90	cps
Lead	207-1	3395	3562	3601	3519	3.10	cps
Lead	208-1	15887	16399	15926	16071	1.77	cps
Lithium	6-1	2998469	2995037	3032103	3008536	0.68	cps
Magnesium	24-2	1508	1733	1750	1664	8.11	cps
Manganese	55-2	330	380	353	354	7.06	cps
Molybdenum	94-1	575	567	683	608	10.70	cps
Molybdenum	95-1	467	408	317	397	19.04	cps
Molybdenum	96-1	500	500	467	489	3.94	cps
Molybdenum	97-1	308	217	200	242	24.14	cps
Molybdenum	98-1	700	700	467	622	21.65	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	130	103	177	137	27.16	cps
Phosphorus	31-2	200	233	133	189	26.96	cps
Potassium	39-2	35727	35042	35033	35267	1.13	cps
Rhodium	103-1	7642211	7714889	7702332	7686477	0.51	cps
Rhodium	103-2	4412520	4448452	4422324	4427765	0.42	cps
Scandium	45-1	4688146	4702775	4689110	4693344	0.17	cps
Scandium	45-2	312839	311087	309327	311084	0.56	cps
Selenium	82-1	49	70	0	40	90.91	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	89	57	67	71	22.79	cps
Silicon	28-1	175250	173359	175070	174559	0.60	cps
Silver	107-1	1133	1308	1125	1189	8.71	cps
Silver	109-1	1075	1117	908	1033	10.67	cps
Sodium	23-2	24070	24279	24520	24290	0.93	cps
Strontium	86-1	1242	1200	1275	1239	3.03	cps
Strontium	88-1	1092	967	1092	1050	6.87	cps
Sulfur	34-1	407646	405821	413066	408844	0.92	cps
Terbium	159-1	12123708	12146071	12123952	12131244	0.11	cps
Terbium	159-2	7507728	7474675	7450959	7477788	0.38	cps
Thallium	203-1	433	500	333	422	19.87	cps
Thallium	205-1	1067	983	1000	1017	4.34	cps

LB Number :	LB115682	Operator :	JASWAL
Lab Sample ID :	CCB66	Instrumnet Name :	P7
Client Sample ID :	CCB66	Dilution Factor :	1
Date & Time Acquired ::	2021-08-03 18:45:13	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	483	389	506	459	13.49	cps
Tin	118-1	933	800	833	856	8.11	cps
Titanium	47-1	50	58	83	64	27.16	cps
Uranium	238-1	92	100	92	94	5.09	cps
Vanadium	51-2	43	37	30	37	18.18	cps
Yttrium	89-1	12249632	12206334	12161553	12205840	0.36	cps
Yttrium	89-2	2441154	2434624	2431330	2435703	0.21	cps
Zinc	66-2	673	660	660	664	1.16	cps
Zirconium	90-1	983	975	1117	1025	7.76	cps
Zirconium	91-1	283	292	250	275	8.02	cps