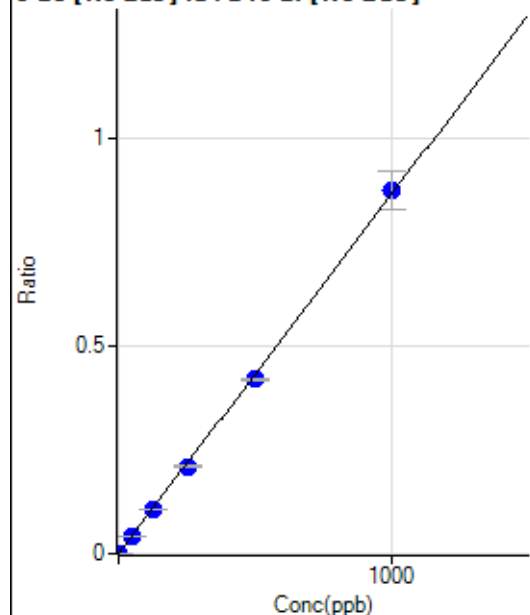


Batch Folder: C:\Agilent\ICPMH\1\DATA\P7030421MS.b\
Analysis File: P7030421MS.batch.bin
DA Date-Time: 2021-03-04 16:22:55
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2021-03-04 14:03:13
2	005CALS.d	S02	2021-03-04 14:09:34
3	006CALS.d	S03	2021-03-04 14:12:39
4	007CALS.d	S04	2021-03-04 14:15:45
5	008CALS.d	S05	2021-03-04 14:18:49
6	009CALS.d	S06	2021-03-04 14:21:52
7	010CALS.d	S07	2021-03-04 14:24:47
8	011CALS.d	S08	2021-03-04 14:27:44

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	50.00	0.0000	P	10.5
2	☐	1.000	0.997	1703.83	0.0009	P	5.3
3	☐	50.000	49.708	82017.97	0.0431	P	1.8
4	☐	125.000	121.617	204814.00	0.1054	P	0.5
5	☐	250.000	243.219	401903.86	0.2108	P	0.4
6	☐	500.000	484.730	795380.53	0.4202	P	1.0
7	☐	1000.000	1009.768	1541766.73	0.8753	P	10.5
8	☐			344.45	0.0002	P	7.0

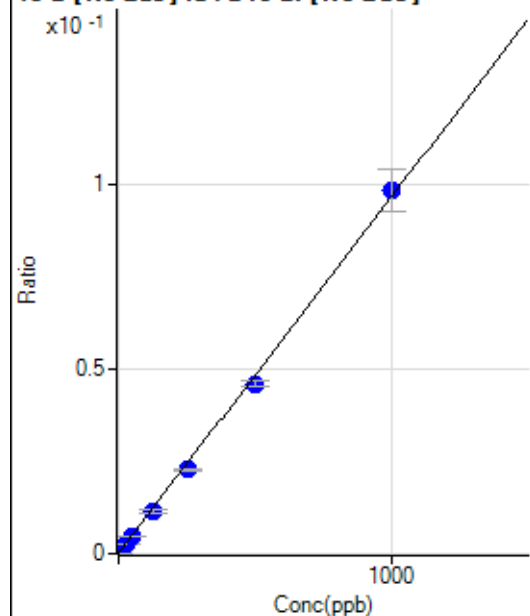
$$y = 8.6680E-004 * x + 2.6253E-005$$

$$R = 0.9998$$

$$DL = 0.009506$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	330.57	0.0002	P	9.1
2	☐	25.000	24.677	4887.00	0.0026	P	3.5
3	☐	50.000	47.077	8966.81	0.0047	P	8.0
4	☐	125.000	117.329	22322.45	0.0115	P	5.1
5	☐	250.000	234.874	43504.55	0.0228	P	2.0
6	☐	500.000	475.939	87199.97	0.0461	P	3.9
7	☐	1000.000	1016.925	172940.73	0.0982	P	11.6
8	☐			6215.33	0.0034	P	10.6

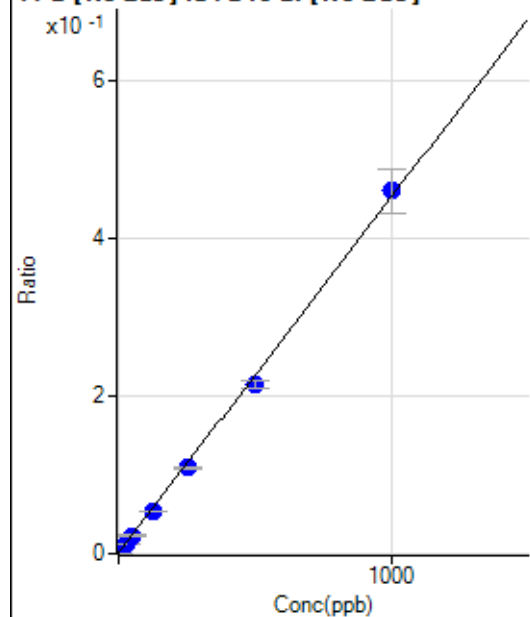
$$y = 9.6437E-005 * x + 1.7352E-004$$

$$R = 0.9994$$

$$DL = 0.4906$$

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	1805.72	0.0009	P	3.2
2	☐	25.000	23.919	22517.18	0.0118	P	2.2
3	☐	50.000	49.079	44036.66	0.0231	P	4.6
4	☐	125.000	116.852	104531.53	0.0538	P	3.8
5	☐	250.000	238.945	207798.20	0.1090	P	3.0
6	☐	500.000	474.118	407657.57	0.2154	P	4.2
7	☐	1000.000	1016.796	810851.25	0.4608	P	12.3
8	☐			28658.29	0.0157	P	12.1

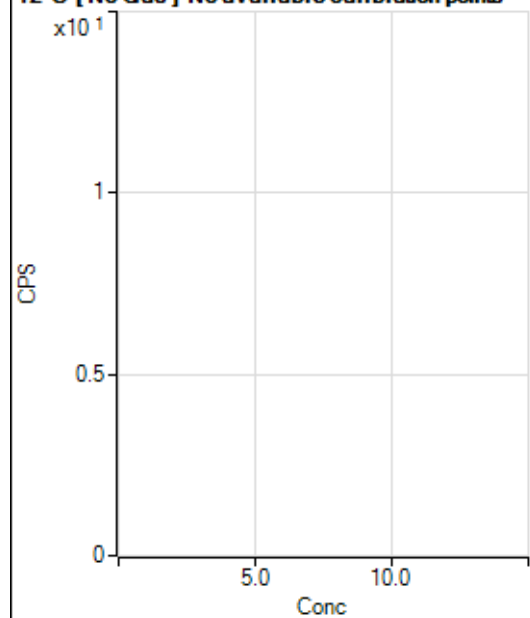
$$y = 4.5229\text{E-}004 * x + 9.4864\text{E-}004$$

$$R = 0.9994$$

$$DL = 0.1991$$

Weight: <None>

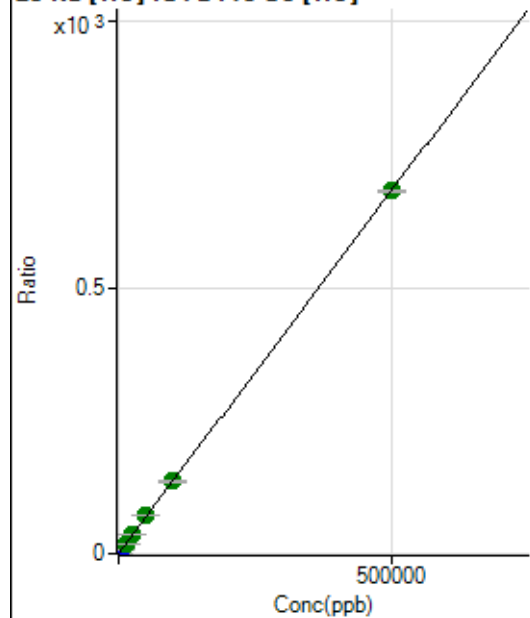
Min Conc: 0

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	17897.21	0.0561	P	1.0
2	☐	500.000	529.277	256744.47	0.7784	P	3.9
3	☐	5000.000	5622.296	2462105.11	7.7289	P	0.6
4	☐	12500.000	13568.964	5575980.55	18.5739	A	8.3
5	☐	25000.000	26504.625	10831474.89	36.2275	A	1.0
6	☐	50000.000	52658.644	21246752.38	71.9204	A	1.3
7	☐	100000.00	99401.321	41341678.70	135.7111	A	3.5
8	☐	500000.00	499745.66	205139872.6	682.0690	A	0.8

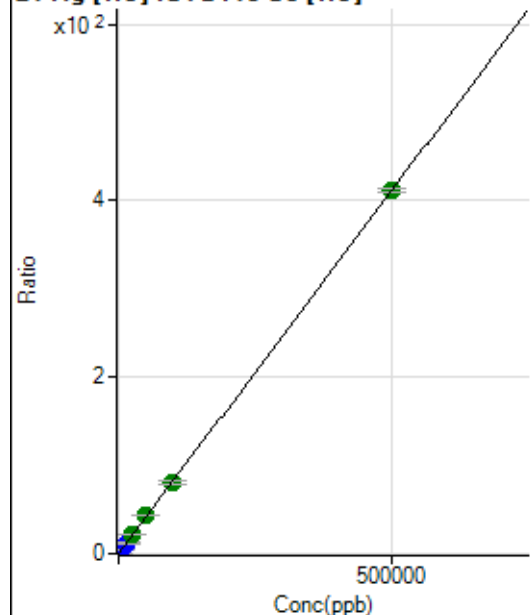
$$y = 0.0014 * x + 0.0561$$

$$R = 1.0000$$

$$DL = 1.194$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	630.58	0.0020	P	22.4
2	☐	500.000	511.976	139554.51	0.4230	P	3.4
3	☐	5000.000	5559.357	1457074.54	4.5741	P	1.0
4	☐	12500.000	14329.350	3537479.64	11.7866	P	8.8
5	☐	25000.000	26304.646	6468648.10	21.6352	A	0.7
6	☐	50000.000	52527.509	12762498.46	43.2011	A	1.5
7	☐	100000.00	98163.135	24597015.13	80.7323	A	2.9
8	☐	500000.00	499998.05	123672749.9	411.2052	A	0.9

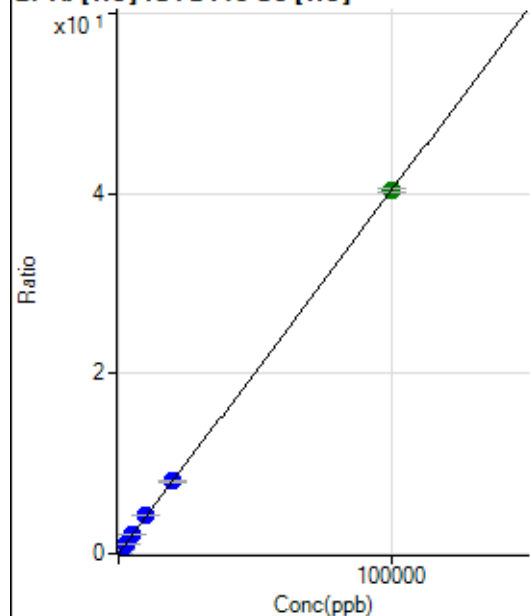
$$y = 8.2241\text{E-}004 * x + 0.0020$$

$$R = 1.0000$$

$$DL = 1.623$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	225.01	0.0007	P	21.7
2	☐	20.000	20.497	2964.27	0.0090	P	1.8
3	☐	1000.000	1067.293	137526.95	0.4317	P	1.9
4	☐	2500.000	2726.103	330592.41	1.1017	P	9.1
5	☐	5000.000	5269.058	636438.19	2.1287	P	1.0
6	☐	10000.000	10629.050	1268355.90	4.2933	P	1.0
7	☐	20000.000	20075.203	2470361.04	8.1082	P	2.9
8	☐	100000.00	99902.276	12134384.47	40.3470	A	1.1

$$y = 4.0386\text{E-}004 * x + 7.0347\text{E-}004$$

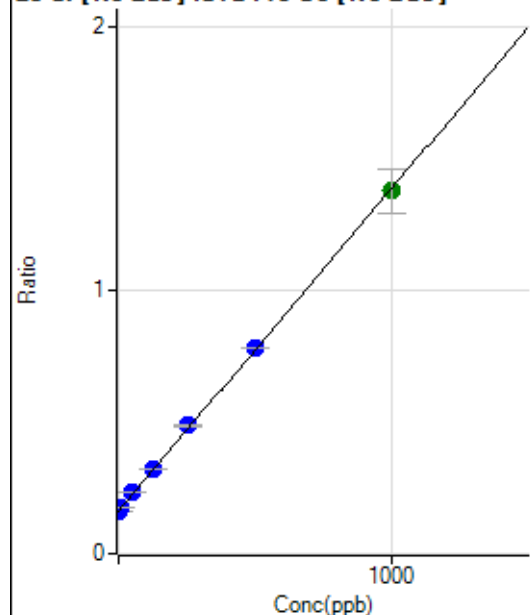
$$R = 1.0000$$

$$DL = 1.133$$

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	656618.89	0.1626	P	1.8
2	☐	10.000	10.525	717850.87	0.1755	P	3.2
3	☐	50.000	56.649	941658.11	0.2320	P	1.3
4	☐	125.000	130.515	1299229.69	0.3224	P	0.9
5	☐	250.000	264.657	1890129.69	0.4866	P	1.1
6	☐	500.000	505.415	2967468.71	0.7814	P	0.5
7	☐	1000.000	992.601	4819310.35	1.3779	A	12.2
8	☐			825816.89	0.2193	P	1.1

$$y = 0.0012 * x + 0.1626$$

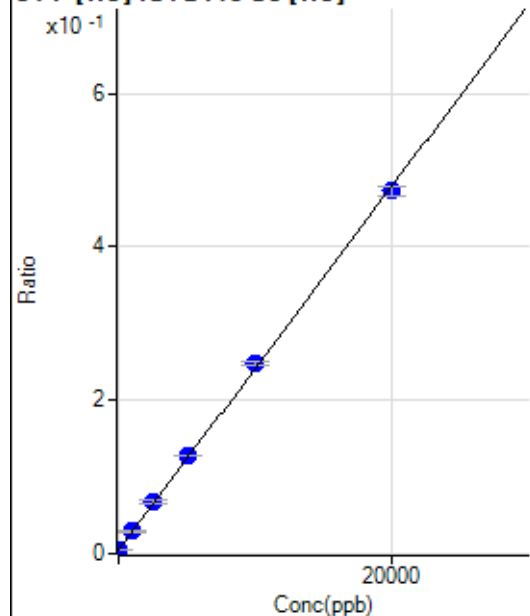
$$R = 0.9999$$

$$DL = 7.076$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	16.005	1583.46	0.0050	P	11.6
2	☐	0.000	-16.005	1386.22	0.0042	P	17.3
3	☐	1000.000	1024.992	9191.95	0.0289	P	3.5
4	☐	2500.000	2705.079	20620.18	0.0686	P	7.4
5	☐	5000.000	5205.744	38232.66	0.1279	P	1.1
6	☐	10000.000	10298.401	73399.68	0.2485	P	1.7
7	☐	20000.000	19772.479	144082.95	0.4728	P	2.3
8	☐			1386.22	0.0046	P	7.4

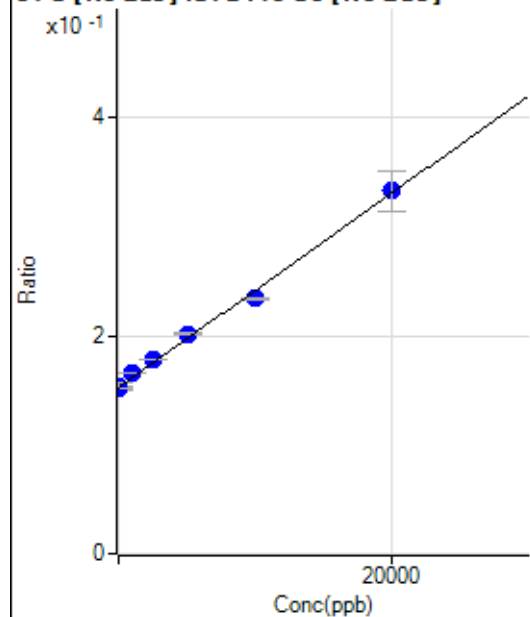
$$y = 2.3682E-005 * x + 0.0046$$

$$R = 0.9997$$

$$DL = 82.49$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-130.044	611294.00	0.1514	P	1.9
2	☐	0.000	130.044	628725.58	0.1537	P	3.2
3	☐	1000.000	1502.945	673657.55	0.1659	P	0.7
4	☐	2500.000	2881.366	718245.02	0.1782	P	0.5
5	☐	5000.000	5486.855	782456.94	0.2015	P	1.0
6	☐	10000.000	9159.521	889369.87	0.2342	P	1.1
7	☐	20000.000	20225.708	1164780.62	0.3328	P	11.4
8	☐			559985.98	0.1487	P	0.7

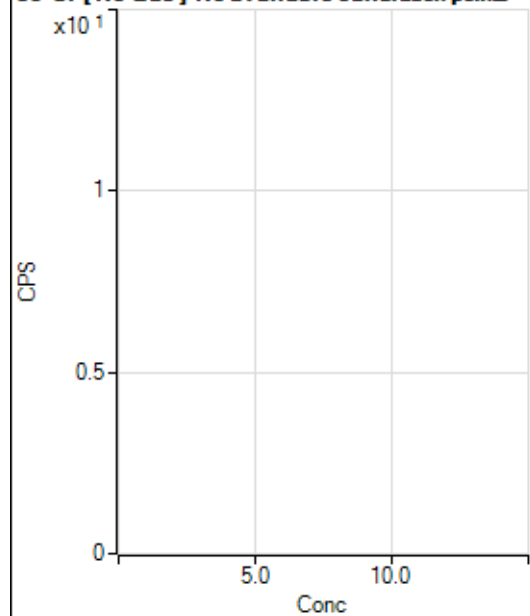
$$y = 8.9133\text{E-}006 * x + 0.1525$$

$$R = 0.9979$$

$$DL = 1302$$

Weight: <None>

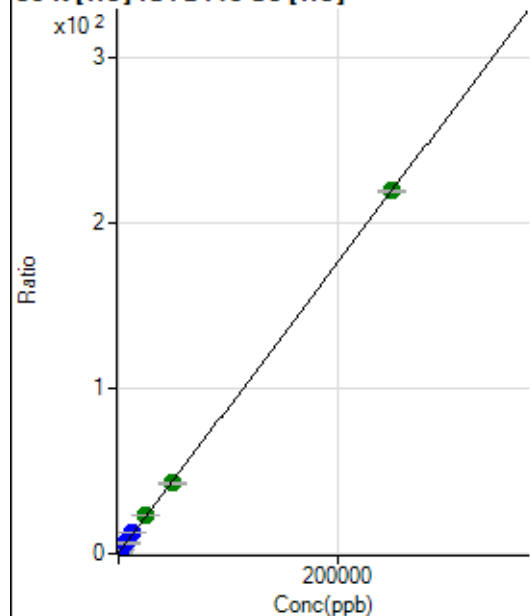
Min Conc: 0

35 Cl [No Gas] No available calibration points

	R _j 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	78643.69	0.2464	P	1.1
2	☐	500.000	509.141	228622.74	0.6933	P	4.5
3	☐	2500.000	2802.852	862116.85	2.7063	P	0.5
4	☐	6250.000	7184.964	1967247.64	6.5521	P	8.0
5	☐	12500.000	13969.571	3739351.73	12.5065	P	0.6
6	☐	25000.000	25857.129	6776639.99	22.9393	A	1.5
7	☐	50000.000	48659.335	13087755.76	42.9511	A	2.5
8	☐	250000.00	250082.52	66084129.25	219.7254	A	0.7

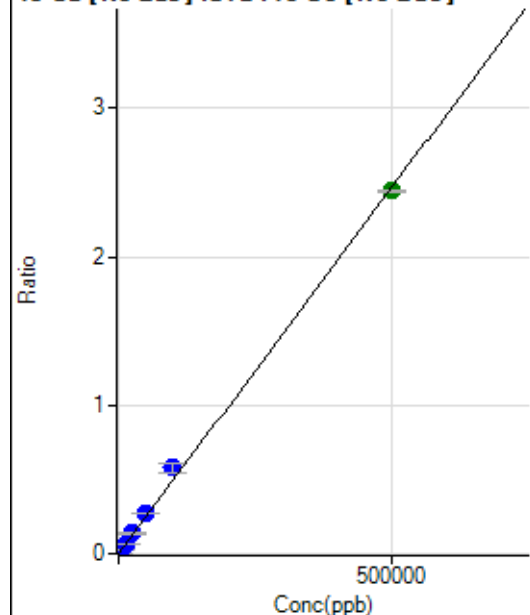
$$y = 8.7763E-004 * x + 0.2464$$

$$R = 1.0000$$

$$DL = 8.881$$

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	277.79	0.0001	P	4.7
2	☐	500.000	539.726	11165.63	0.0027	P	2.1
3	☐	5000.000	5470.251	109723.25	0.0270	P	0.3
4	☐	12500.000	13533.834	269060.92	0.0668	P	1.5
5	☐	25000.000	27684.410	530233.50	0.1365	P	0.8
6	☐	50000.000	54944.367	1028593.08	0.2709	P	0.8
7	☐	100000.00	117283.82	2022724.89	0.5781	P	11.7
8	☐	500000.00	495883.99	9202900.29	2.4440	A	0.8

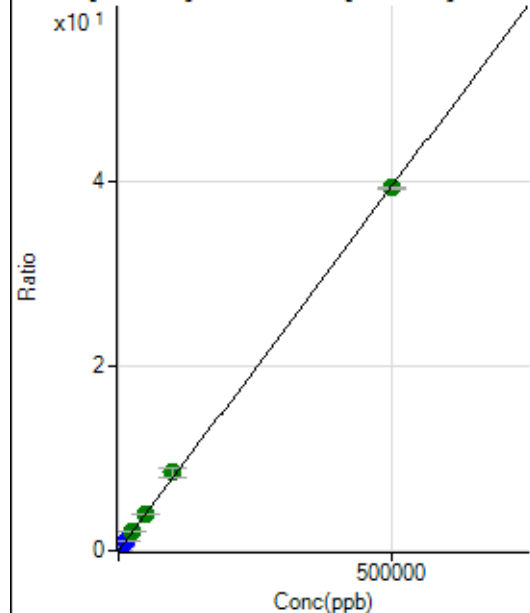
$$y = 4.9284\text{E-}006 * x + 6.8810\text{E-}005$$

$$R = 0.9993$$

$$DL = 1.958$$

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	12189.16	0.0030	P	4.5
2	☐	500.000	526.963	182572.68	0.0446	P	2.9
3	☐	5000.000	5480.037	1768909.16	0.4358	P	1.0
4	☐	12500.000	13647.724	4355085.06	1.0807	P	0.8
5	☐	25000.000	25355.209	7788271.68	2.0052	A	1.2
6	☐	50000.000	50269.277	15086169.40	3.9726	A	0.3
7	☐	100000.00	107006.51	29569962.54	8.4528	A	12.0
8	☐	500000.00	498520.48	148245911.9	39.3689	A	0.6

$$y = 7.8965\text{E-}005 * x + 0.0030$$

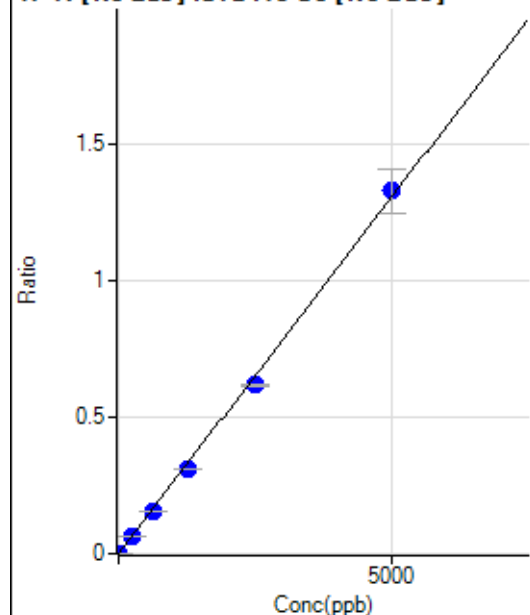
$$R = 0.9999$$

$$DL = 5.134$$

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	102.78	0.0000	P	19.7
2	☐	5.000	4.766	5192.73	0.0013	P	6.9
3	☐	250.000	235.313	249611.94	0.0615	P	1.1
4	☐	625.000	582.785	613537.15	0.1522	P	0.7
5	☐	1250.000	1183.139	1200440.75	0.3091	P	0.8
6	☐	2500.000	2364.107	2345145.17	0.6175	P	0.3
7	☐	5000.000	5090.673	4651226.62	1.3297	P	12.1
8	☐			1025.06	0.0003	P	8.1

$$y = 2.6120E-004 * x + 2.5431E-005$$

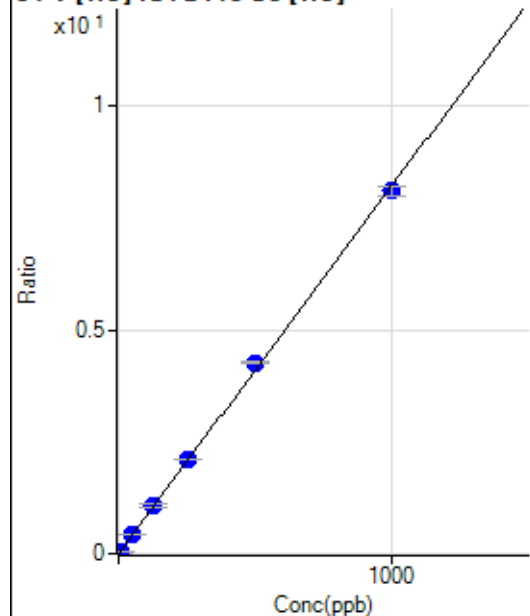
$$R = 0.9994$$

$$DL = 0.05742$$

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	15.56	0.0000	P	30.8
2	☐	5.000	4.975	13495.13	0.0409	P	4.0
3	☐	50.000	51.425	134586.44	0.4225	P	1.3
4	☐	125.000	132.275	326224.65	1.0867	P	8.3
5	☐	250.000	257.800	633212.25	2.1178	P	0.5
6	☐	500.000	519.201	1260029.83	4.2652	P	1.3
7	☐	1000.000	987.469	2471676.60	8.1120	P	2.7
8	☐			448.90	0.0015	P	3.2

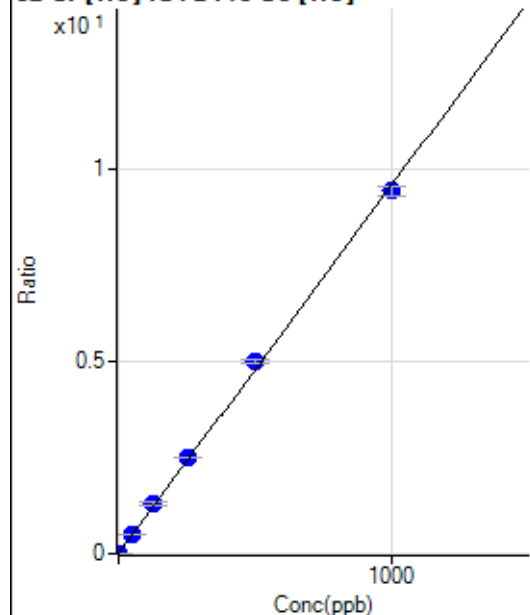
$$y = 0.0082 * x + 4.8535E-005$$

$$R = 0.9997$$

$$DL = 0.005462$$

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	1107.83	0.0035	P	4.3
2	☐	2.000	1.970	7353.01	0.0223	P	6.0
3	☐	50.000	52.217	160121.64	0.5027	P	1.5
4	☐	125.000	134.682	387609.90	1.2910	P	8.1
5	☐	250.000	260.022	744281.12	2.4893	P	0.4
6	☐	500.000	522.445	1476489.86	4.9980	P	1.5
7	☐	1000.000	984.951	2870006.00	9.4196	P	2.8
8	☐			19165.84	0.0637	P	1.0

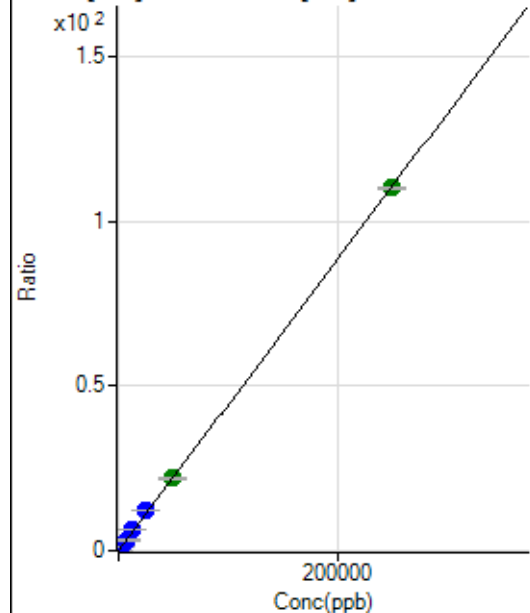
$$y = 0.0096 * x + 0.0035$$

$$R = 0.9995$$

$$DL = 0.04707$$

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	1374.82	0.0043	P	7.8
2	☐	50.000	53.160	9145.58	0.0278	P	7.8
3	☐	2500.000	2781.234	392070.01	1.2308	P	1.2
4	☐	6250.000	7139.346	946336.08	3.1527	P	8.5
5	☐	12500.000	13966.717	1842801.35	6.1635	P	0.9
6	☐	25000.000	28011.533	3650705.76	12.3571	P	0.7
7	☐	50000.000	50208.882	6747641.00	22.1458	A	2.8
8	☐	250000.00	249558.68	33100314.15	110.0566	A	0.7

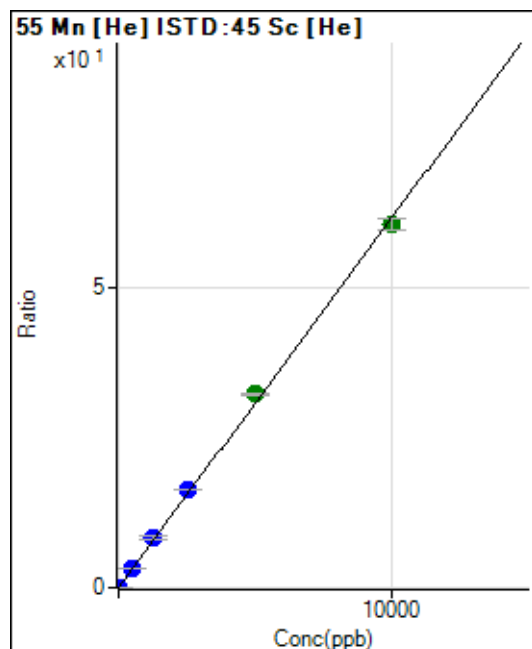
$$y = 4.4099E-004 * x + 0.0043$$

$$R = 0.9999$$

$$DL = 2.291$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	104.44	0.0003	P	16.3
2	☐	1.000	1.038	2217.97	0.0067	P	5.2
3	☐	500.000	532.740	1046347.84	3.2847	P	1.4
4	☐	1250.000	1369.472	2534370.22	8.4433	P	8.6
5	☐	2500.000	2672.749	4926880.13	16.4782	P	0.3
6	☐	5000.000	5233.954	9533708.05	32.2684	A	0.1
7	☐	10000.000	9823.265	18450285.97	60.5621	A	3.3
8	☐			12575.45	0.0418	P	2.0

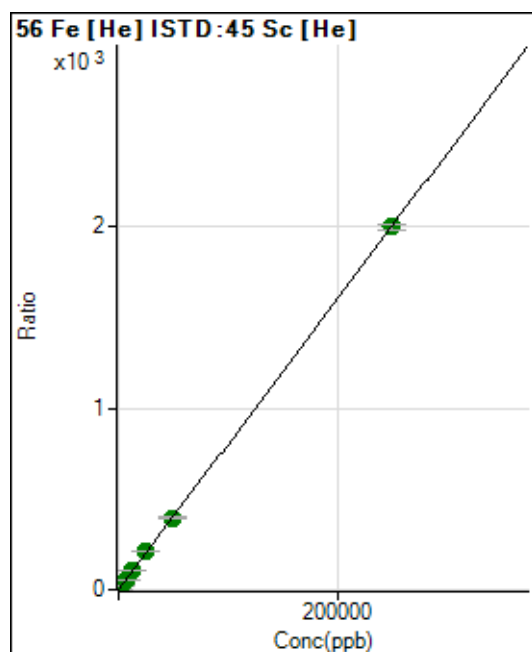
$$y = 0.0062 * x + 3.2798E-004$$

$$R = 0.9994$$

$$DL = 0.02606$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	9423.52	0.0295	P	2.7
2	☐	50.000	51.562	145687.29	0.4417	P	3.7
3	☐	2500.000	2614.939	6667395.00	20.9301	A	1.0
4	☐	6250.000	6683.366	16041068.18	53.4481	A	8.8
5	☐	12500.000	13036.640	31163846.53	104.2284	A	0.8
6	☐	25000.000	26357.199	62245363.89	210.6966	A	1.1
7	☐	50000.000	49284.810	120026798.9	393.9517	A	3.0
8	☐	250000.00	249968.50	600893924.5	1,997.970	A	1.3

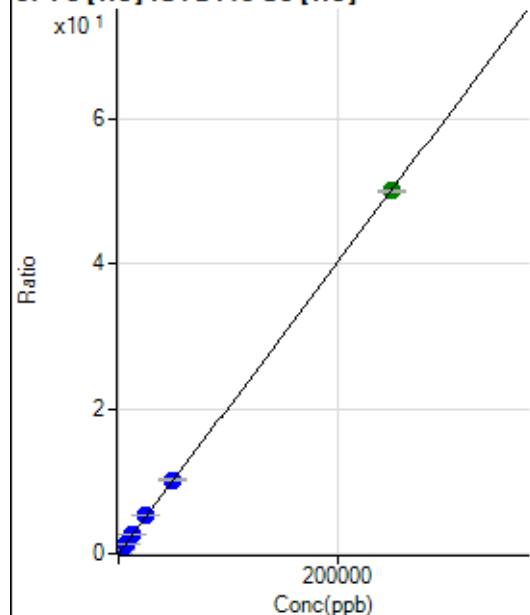
$$y = 0.0080 * x + 0.0295$$

$$R = 1.0000$$

$$DL = 0.302$$

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	324.08	0.0010	P	20.8
2	☐	50.000	51.154	3711.65	0.0113	P	6.1
3	☐	2500.000	2677.400	171189.88	0.5374	P	0.9
4	☐	6250.000	6886.155	414530.82	1.3806	P	7.9
5	☐	12500.000	13447.544	805797.94	2.6951	P	0.6
6	☐	25000.000	26920.605	1593586.97	5.3942	P	1.1
7	☐	50000.000	50835.896	3102973.07	10.1853	P	3.2
8	☐	250000.00	249575.70	15037863.18	50.0003	A	0.6

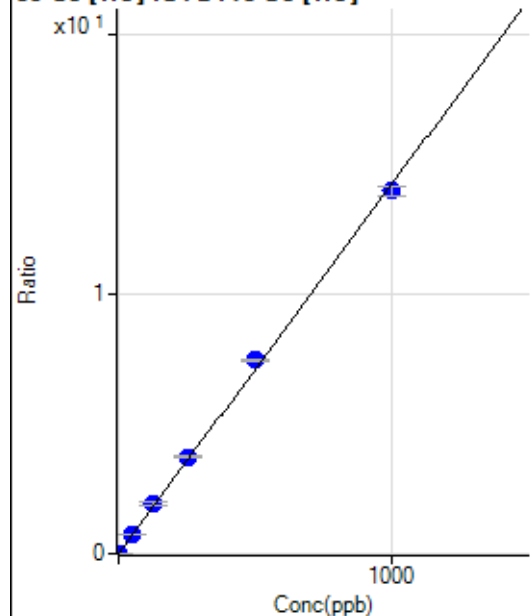
$$y = 2.0034\text{E-}004 * x + 0.0010$$

$$R = 1.0000$$

$$DL = 3.151$$

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	90.00	0.0003	P	17.6
2	☐	1.000	0.999	4777.49	0.0145	P	4.0
3	☐	50.000	52.775	239030.93	0.7504	P	1.3
4	☐	125.000	135.215	577102.15	1.9221	P	8.0
5	☐	250.000	262.404	1115199.06	3.7299	P	1.0
6	☐	500.000	524.503	2202370.89	7.4551	P	1.4
7	☐	1000.000	983.232	4257967.47	13.9751	P	2.9
8	☐			6681.57	0.0222	P	2.3

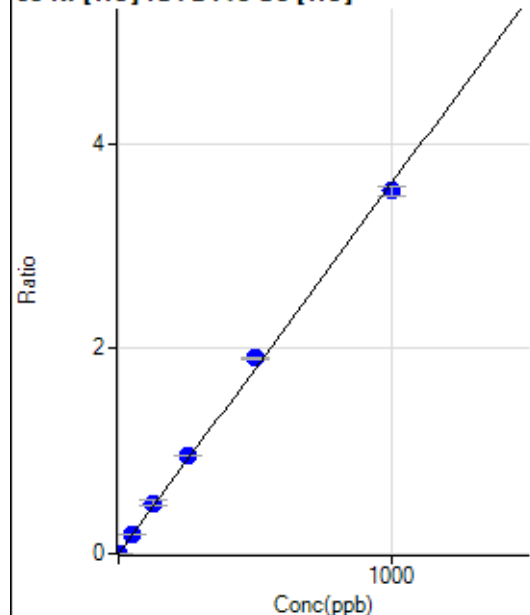
$$y = 0.0142 * x + 2.8217\text{E-}004$$

$$R = 0.9994$$

$$DL = 0.01049$$

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	147.78	0.0005	P	23.6
2	☐	1.000	1.064	1420.08	0.0043	P	4.6
3	☐	50.000	53.985	62255.65	0.1954	P	0.9
4	☐	125.000	137.548	149284.62	0.4972	P	8.1
5	☐	250.000	265.989	287361.15	0.9611	P	0.7
6	☐	500.000	528.011	563480.72	1.9074	P	1.2
7	☐	1000.000	980.230	1078774.44	3.5406	P	2.8
8	☐			5268.77	0.0175	P	2.8

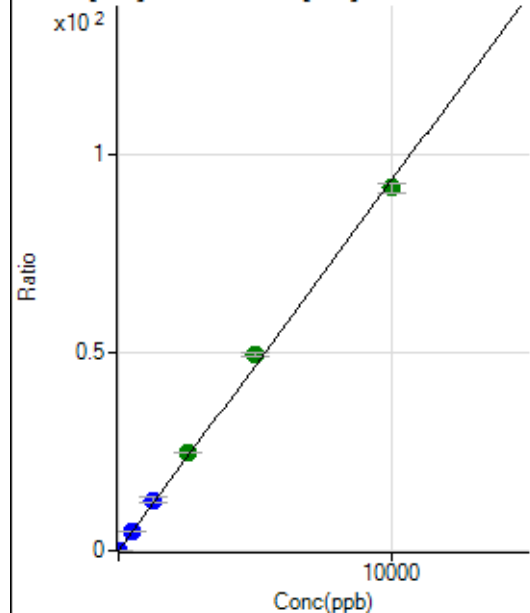
$$y = 0.0036 * x + 4.6436E-004$$

$$R = 0.9992$$

$$DL = 0.09098$$

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	1444.53	0.0045	P	5.9
2	☐	2.000	1.935	7450.85	0.0226	P	3.7
3	☐	500.000	538.181	1601795.15	5.0283	P	0.8
4	☐	1250.000	1374.238	3852369.91	12.8327	P	8.3
5	☐	2500.000	2645.759	7385511.07	24.7020	A	1.1
6	☐	5000.000	5281.853	14566156.03	49.3093	A	2.0
7	☐	10000.000	9805.195	27889115.70	91.5336	A	2.8
8	☐			17945.52	0.0597	P	3.0

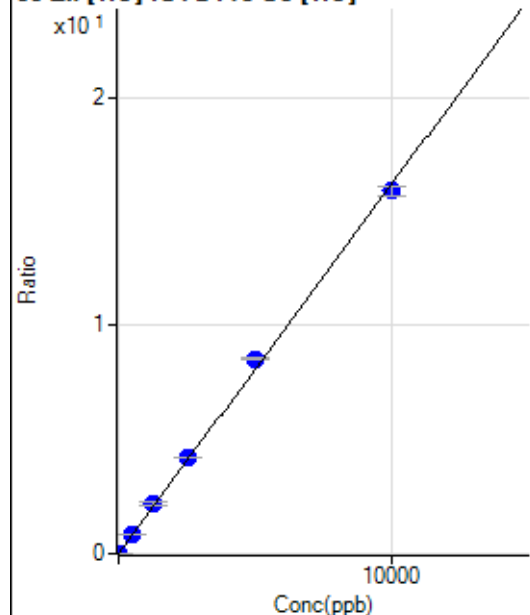
$$y = 0.0093 * x + 0.0045$$

$$R = 0.9992$$

$$DL = 0.08552$$

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	152.22	0.0005	P	12.0
2	☐	2.000	2.059	1256.73	0.0038	P	4.0
3	☐	500.000	524.429	270418.96	0.8489	P	1.4
4	☐	1250.000	1345.836	653773.04	2.1778	P	8.3
5	☐	2500.000	2614.402	1264772.37	4.2301	P	0.6
6	☐	5000.000	5267.221	2517594.13	8.5219	P	1.1
7	☐	10000.000	9824.588	4843013.75	15.8950	P	2.8
8	☐			7395.28	0.0246	P	3.0

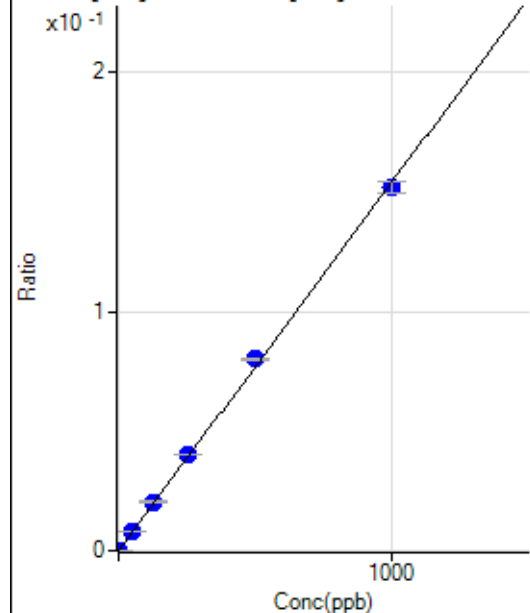
$$y = 0.0016 * x + 4.7729E-004$$

$$R = 0.9994$$

$$DL = 0.106$$

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	9.26	0.0000	P	36.0
2	☐	1.000	0.999	376.55	0.0002	P	2.1
3	☐	50.000	51.830	18395.58	0.0080	P	1.4
4	☐	125.000	133.108	44832.19	0.0205	P	7.2
5	☐	250.000	260.695	87101.55	0.0401	P	0.6
6	☐	500.000	520.398	172932.38	0.0801	P	0.9
7	☐	1000.000	986.022	339166.88	0.1518	P	3.0
8	☐			160.49	0.0001	P	11.3

$$y = 1.5399E-004 * x + 4.0552E-006$$

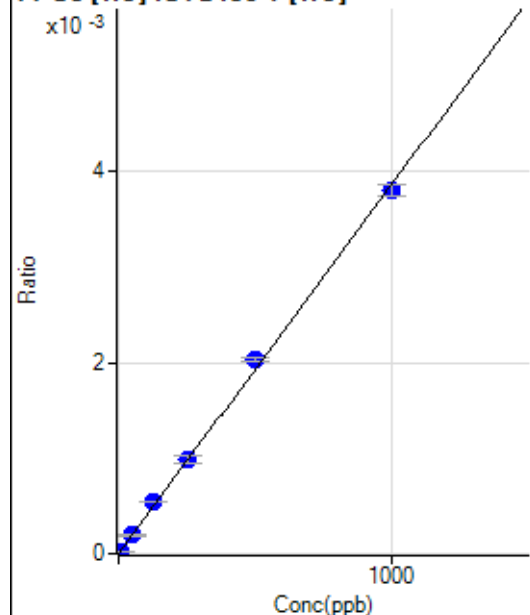
$$R = 0.9996$$

$$DL = 0.02845$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	6.254	57.78	0.0000	P	8.8
3	☐	50.000	50.581	450.01	0.0002	P	5.3
4	☐	125.000	141.538	1198.95	0.0005	P	1.5
5	☐	250.000	256.467	2149.07	0.0010	P	8.0
6	☐	500.000	525.159	4377.38	0.0020	P	2.1
7	☐	1000.000	983.701	8488.09	0.0038	P	3.0
8	☐			7.78	0.0000	P	24.8

$$y = 3.8629E-006 * x + 0.0000E+000$$

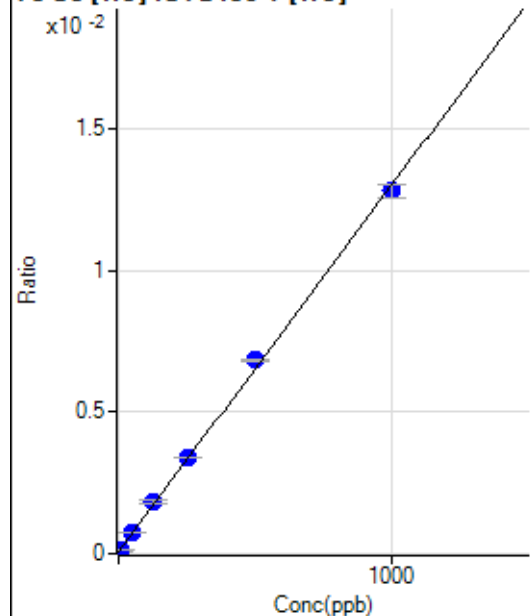
$$R = 0.9994$$

$$DL = 0$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	150.62	0.0001	P	4.3
2	☐	5.000	4.110	283.96	0.0001	P	6.1
3	☐	50.000	53.338	1743.32	0.0008	P	0.7
4	☐	125.000	135.160	3969.70	0.0018	P	8.6
5	☐	250.000	256.029	7337.69	0.0034	P	0.7
6	☐	500.000	524.465	14801.41	0.0069	P	1.0
7	☐	1000.000	984.828	28636.80	0.0128	P	3.6
8	☐			134.57	0.0001	P	14.6

$$y = 1.2953E-005 * x + 6.5787E-005$$

$$R = 0.9995$$

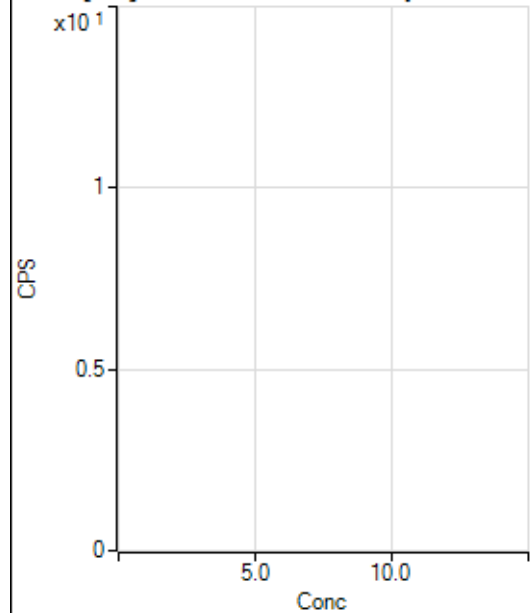
$$DL = 0.6564$$

Weight: <None>

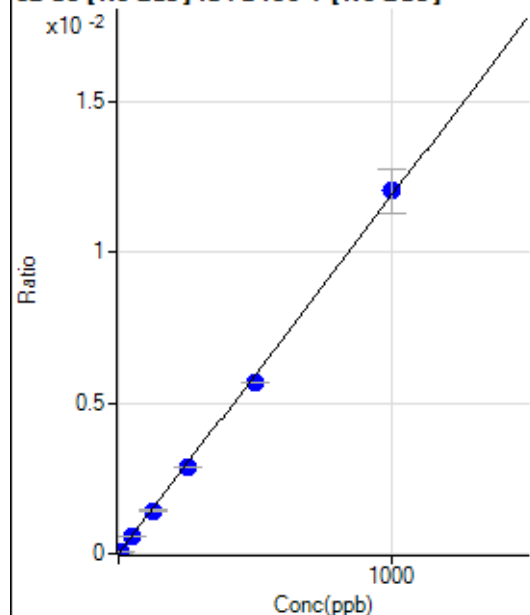
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6293.22		P	4.0
2	☐			6376.59		P	4.0
3	☐			6193.16		P	1.4
4	☐			6134.78		P	3.7
5	☐			5904.14		P	3.0
6	☐			5623.47		P	5.8
7	☐			5465.06		P	3.5
8	☐			5943.06		P	4.2

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			50.05		P	20.0
2	☐			53.39		P	28.6
3	☐			50.05		P	60.0
4	☐			43.38		P	58.1
5	☐			33.37		P	45.8
6	☐			33.37		P	45.8
7	☐			53.39		P	39.0
8	☐			80.08		P	54.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	-18.86	0.0000	P	-773.
2	☐	5.000	4.621	496.54	0.0001	P	20.9
3	☐	50.000	48.575	5402.62	0.0006	P	2.4
4	☐	125.000	120.828	13469.08	0.0014	P	0.5
5	☐	250.000	242.412	26318.08	0.0029	P	1.4
6	☐	500.000	477.554	51449.63	0.0057	P	0.6
7	☐	1000.000	1013.714	101902.14	0.0120	P	11.9
8	☐			42.88	0.0000	P	20.6

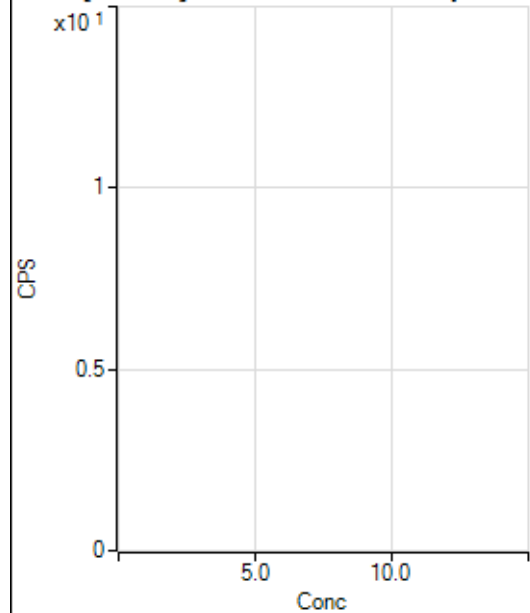
$$y = 1.1881\text{E-}005 * x - 1.8635\text{E-}006$$

$$R = 0.9996$$

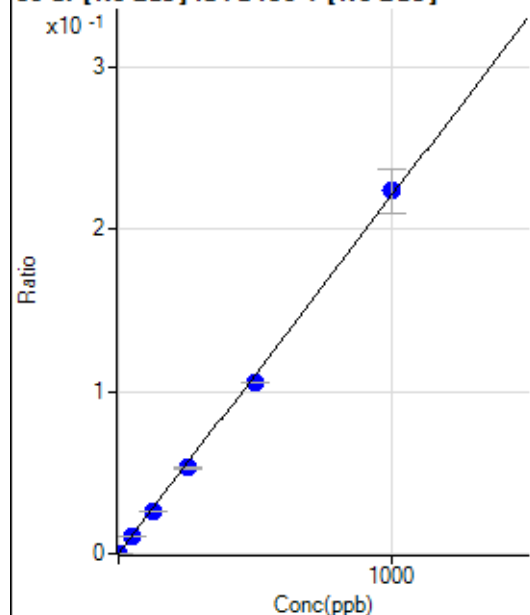
$$DL = 3.641$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			1060.05		P	11.2
2	☐			1061.16		P	9.3
3	☐			1125.61		P	0.5
4	☐			997.82		P	10.4
5	☐			984.49		P	5.5
6	☐			1013.38		P	8.4
7	☐			950.04		P	5.2
8	☐			948.93		P	1.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1733.48	0.0002	P	5.1
2	☐	1.000	0.803	3408.83	0.0004	P	11.0
3	☐	50.000	48.561	102283.80	0.0109	P	2.0
4	☐	125.000	119.464	249147.48	0.0265	P	0.7
5	☐	250.000	240.433	486313.18	0.0532	P	1.8
6	☐	500.000	478.668	958822.45	0.1057	P	0.3
7	☐	1000.000	1013.822	1892719.12	0.2237	P	11.9
8	☐			11985.80	0.0014	P	1.8

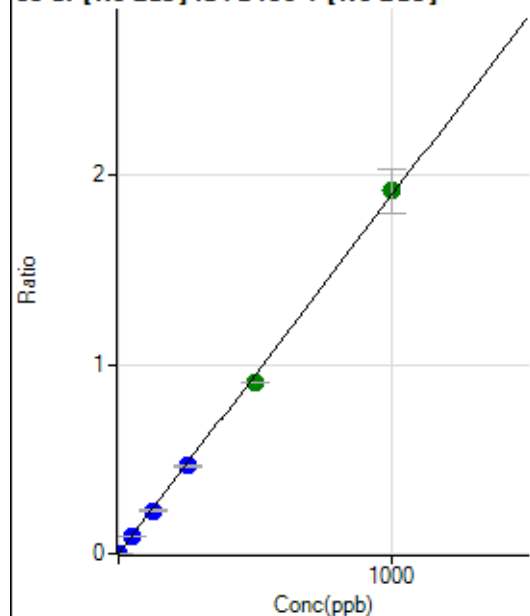
$$y = 2.2044\text{E-}004 * x + 1.8719\text{E-}004$$

$$R = 0.9996$$

$$DL = 0.13$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	136.11	0.0000	P	9.6
2	☐	1.000	0.990	17730.80	0.0019	P	2.9
3	☐	50.000	48.972	870673.86	0.0927	P	0.6
4	☐	125.000	120.686	2146217.71	0.2285	P	0.3
5	☐	250.000	245.449	4248435.99	0.4646	P	1.1
6	☐	500.000	477.678	8201796.71	0.9042	A	0.5
7	☐	1000.000	1012.889	16217996.02	1.9173	A	12.4
8	☐			94872.76	0.0107	P	1.2

$$y = 0.0019 * x + 1.4701\text{E-}005$$

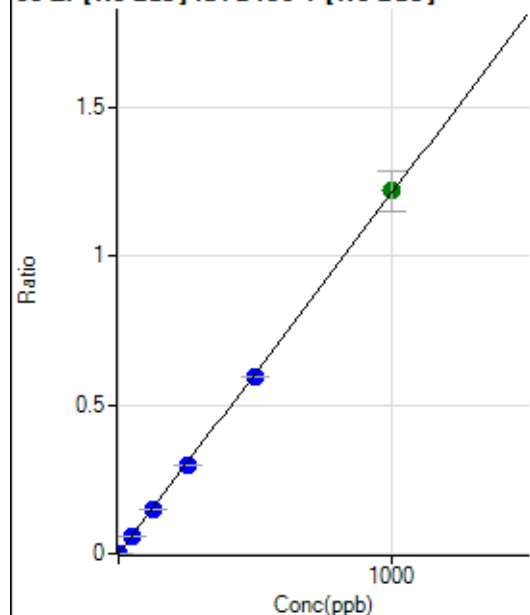
$$R = 0.9996$$

$$DL = 0.002239$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	475.02	0.0001	P	22.7
2	☐	1.000	0.918	10921.09	0.0012	P	1.9
3	☐	50.000	47.897	545915.00	0.0581	P	0.4
4	☐	125.000	120.863	1377280.58	0.1466	P	0.2
5	☐	250.000	244.374	2710131.72	0.2964	P	0.7
6	☐	500.000	490.428	5394673.38	0.5947	P	0.6
7	☐	1000.000	1006.815	10336565.94	1.2209	A	11.2
8	☐			4084.02	0.0005	P	5.4

$$y = 0.0012 * x + 5.1214E-005$$

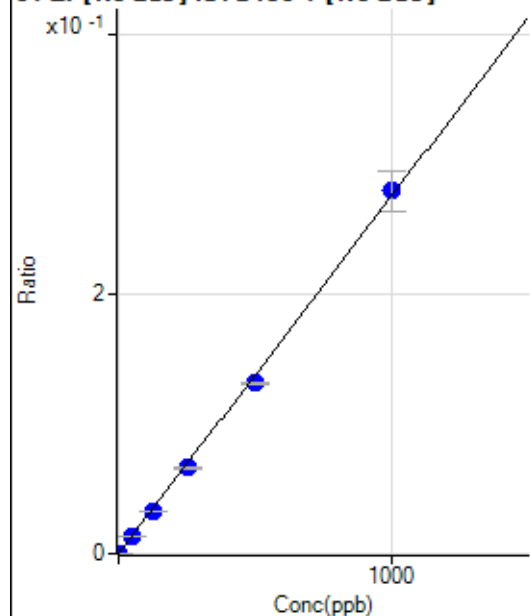
$$R = 0.9999$$

$$DL = 0.02875$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	58.34	0.0000	P	37.0
2	☐	1.000	0.877	2325.25	0.0002	P	1.6
3	☐	50.000	46.778	121051.37	0.0129	P	0.6
4	☐	125.000	118.897	307691.33	0.0328	P	0.1
5	☐	250.000	239.638	603598.86	0.0660	P	0.8
6	☐	500.000	477.506	1192987.53	0.1315	P	0.7
7	☐	1000.000	1014.762	2366214.36	0.2795	P	11.2
8	☐			847.27	0.0001	P	5.8

$$y = 2.7542E-004 * x + 6.2853E-006$$

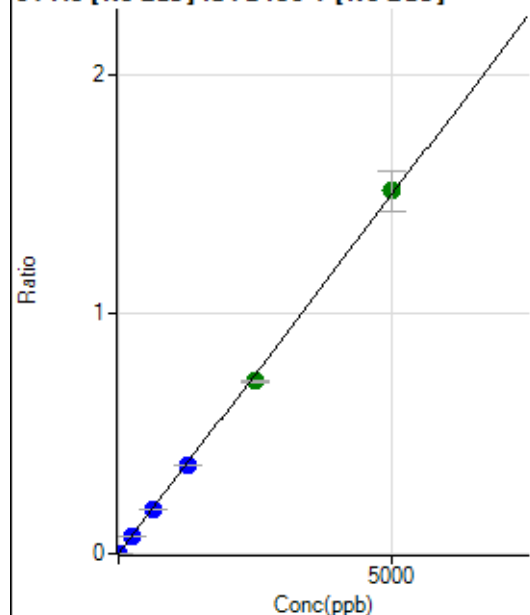
$$R = 0.9996$$

$$DL = 0.02535$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	166.67	0.0000	P	6.7
2	☐	5.000	4.816	13676.32	0.0015	P	4.5
3	☐	250.000	245.762	690710.16	0.0735	P	0.3
4	☐	625.000	611.288	1718252.94	0.1829	P	0.7
5	☐	1250.000	1236.954	3384385.36	0.3701	P	0.6
6	☐	2500.000	2399.846	6513063.43	0.7180	A	0.4
7	☐	5000.000	5055.265	12803457.67	1.5125	A	11.4
8	☐			5145.51	0.0006	P	2.9

$$y = 2.9919\text{E-}004 * x + 1.8009\text{E-}005$$

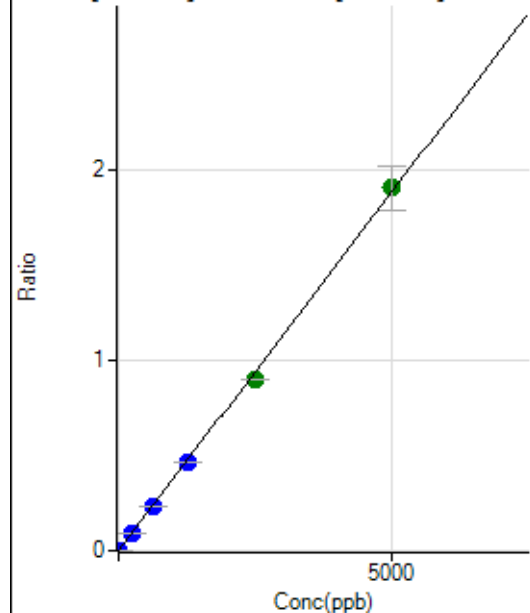
$$R = 0.9997$$

$$DL = 0.01213$$

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	72.23	0.0000	P	66.8
2	☐	5.000	4.731	16735.13	0.0018	P	6.9
3	☐	250.000	245.585	866875.39	0.0923	P	0.3
4	☐	625.000	612.169	2161414.24	0.2301	P	0.4
5	☐	1250.000	1236.811	4250339.46	0.4648	P	1.4
6	☐	2500.000	2383.438	8125530.91	0.8958	A	0.7
7	☐	5000.000	5063.403	16101291.33	1.9030	A	12.0
8	☐			6696.21	0.0008	P	2.0

$$y = 3.7584\text{E-}004 * x + 7.7264\text{E-}006$$

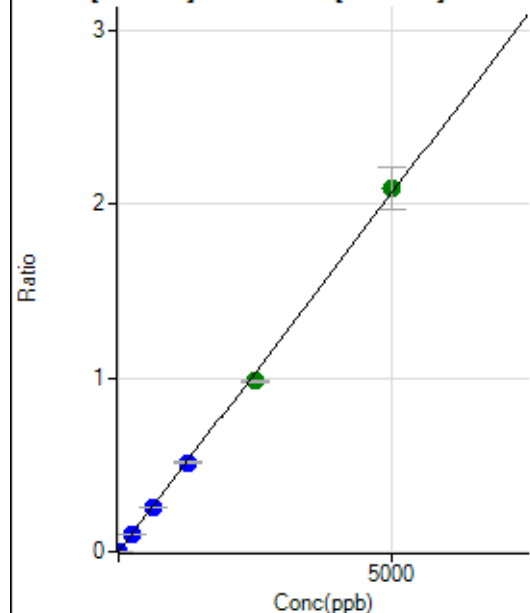
$$R = 0.9996$$

$$DL = 0.04121$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	150.01	0.0000	P	21.5
2	☐	5.000	4.574	17839.32	0.0019	P	4.1
3	☐	250.000	245.795	952261.45	0.1014	P	1.2
4	☐	625.000	614.056	2379520.17	0.2533	P	0.6
5	☐	1250.000	1243.448	4689821.20	0.5129	P	1.5
6	☐	2500.000	2381.339	8909594.38	0.9823	A	1.5
7	☐	5000.000	5062.547	17674729.04	2.0882	A	11.5
8	☐			8221.99	0.0009	P	3.9

$$y = 4.1248\text{E-}004 * x + 1.6243\text{E-}005$$

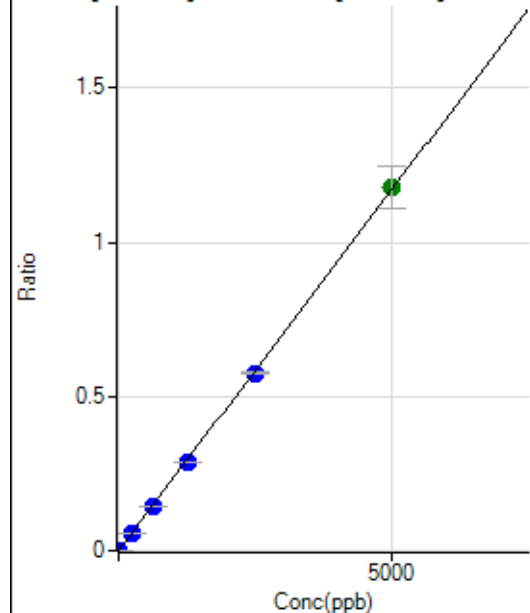
$$R = 0.9996$$

$$DL = 0.02535$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	47.22	0.0000	P	11.7
2	☐	5.000	4.649	10248.33	0.0011	P	3.6
3	☐	250.000	242.448	532779.76	0.0567	P	0.4
4	☐	625.000	608.801	1338188.90	0.1425	P	0.4
5	☐	1250.000	1228.101	2627564.53	0.2874	P	0.9
6	☐	2500.000	2462.732	5226672.04	0.5762	P	1.0
7	☐	5000.000	5026.511	9952583.47	1.1761	A	11.8
8	☐			3981.22	0.0004	P	3.4

$$y = 2.3398\text{E-}004 * x + 5.1051\text{E-}006$$

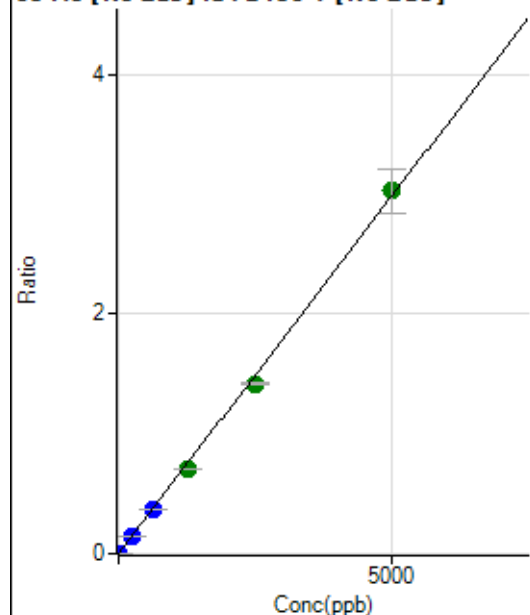
$$R = 0.9999$$

$$DL = 0.00764$$

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	97.23	0.0000	P	38.8
2	☐	5.000	4.772	26800.65	0.0029	P	3.3
3	☐	250.000	245.620	1376022.96	0.1465	P	0.7
4	☐	625.000	615.531	3449406.37	0.3672	P	0.5
5	☐	1250.000	1190.736	6495075.88	0.7103	A	0.7
6	☐	2500.000	2374.714	12848824.07	1.4166	A	1.0
7	☐	5000.000	5078.862	25628667.41	3.0296	A	12.3
8	☐			10203.93	0.0012	P	5.5

$$y = 5.9651E-004 * x + 1.0450E-005$$

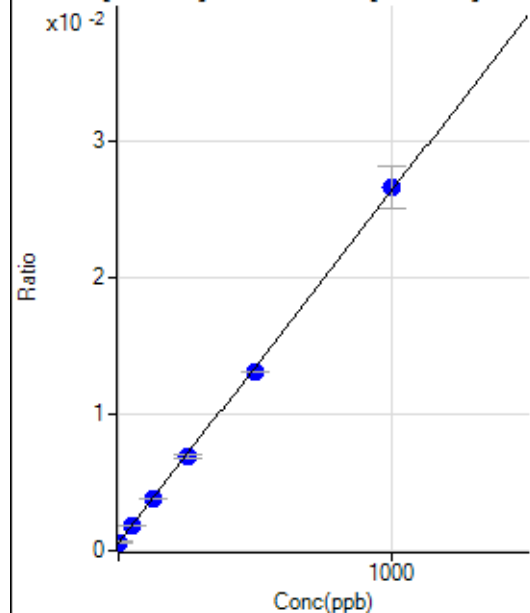
$$R = 0.9995$$

$$DL = 0.02037$$

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	4234.09	0.0006	P	4.1
2	☐	1.000	1.530	4556.42	0.0006	P	4.8
3	☐	50.000	50.002	13681.95	0.0019	P	1.9
4	☐	125.000	125.578	28281.46	0.0038	P	1.6
5	☐	250.000	245.624	50794.13	0.0069	P	2.4
6	☐	500.000	484.480	96949.03	0.0131	P	0.3
7	☐	1000.000	1008.781	186089.52	0.0266	P	11.7
8	☐			4306.31	0.0006	P	2.0

$$y = 2.5815E-005 * x + 5.8558E-004$$

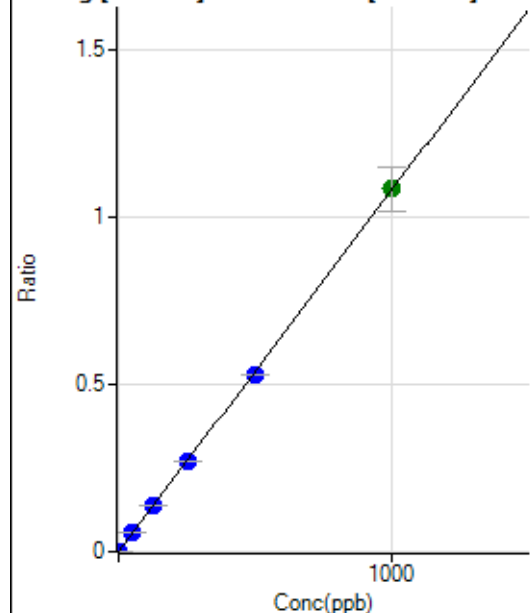
$$R = 0.9998$$

$$DL = 2.779$$

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	111.12	0.0000	P	25.7
2	☐	1.000	0.989	7896.82	0.0011	P	0.6
3	☐	50.000	51.794	408086.75	0.0560	P	1.8
4	☐	125.000	126.740	1011983.16	0.1369	P	0.6
5	☐	250.000	251.256	1990720.75	0.2715	P	0.4
6	☐	500.000	490.194	3921728.69	0.5296	P	0.1
7	☐	1000.000	1004.282	7581944.87	1.0850	A	11.9
8	☐			2847.59	0.0004	P	5.9

$$y = 0.0011 * x + 1.5352E-005$$

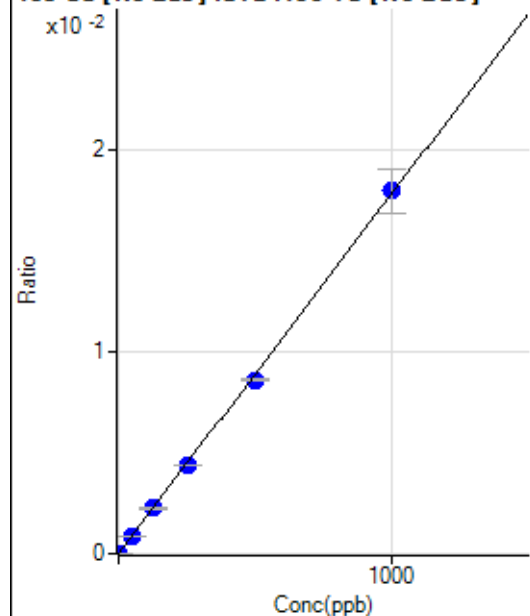
$$R = 0.9999$$

$$DL = 0.01097$$

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	16.67	0.0000	P	26.0
2	☐	1.000	1.158	166.67	0.0000	P	15.4
3	☐	50.000	49.865	6484.90	0.0009	P	1.6
4	☐	125.000	125.619	16530.54	0.0022	P	2.5
5	☐	250.000	247.435	32297.86	0.0044	P	0.8
6	☐	500.000	483.690	63737.83	0.0086	P	0.9
7	☐	1000.000	1008.725	125417.60	0.0179	P	11.9
8	☐			111.11	0.0000	P	38.2

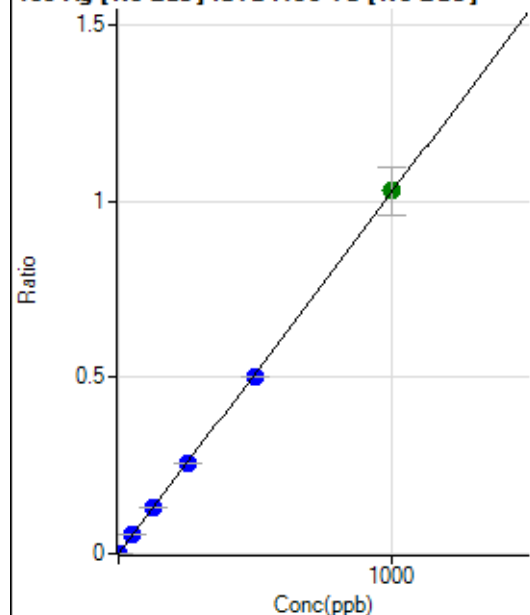
$$y = 1.7791E-005 * x + 2.3093E-006$$

$$R = 0.9998$$

$$DL = 0.1013$$

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	36.11	0.0000	P	73.1
2	☐	1.000	0.981	7363.24	0.0010	P	2.1
3	☐	50.000	51.532	384966.22	0.0528	P	1.0
4	☐	125.000	126.999	961461.51	0.1301	P	1.6
5	☐	250.000	251.244	1887613.93	0.2574	P	0.1
6	☐	500.000	488.712	3707612.76	0.5007	P	0.4
7	☐	1000.000	1005.007	7188884.88	1.0296	A	13.0
8	☐			2697.55	0.0004	P	5.9

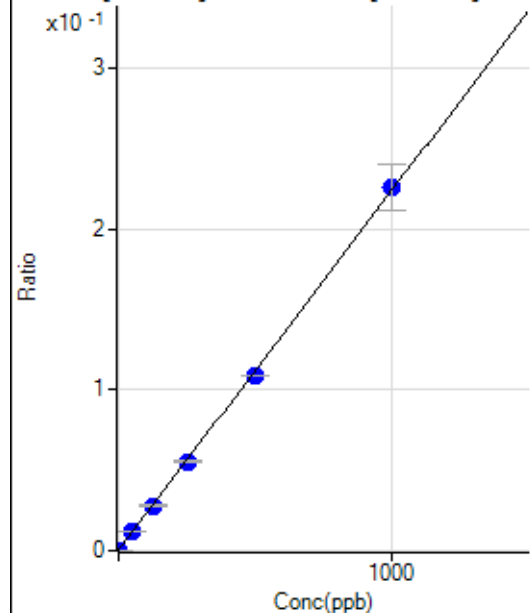
$$y = 0.0010 * x + 4.9664E-006$$

$$R = 0.9999$$

$$DL = 0.01063$$

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	2117.88	0.0003	P	4.4
2	☐	1.000	1.033	3814.44	0.0005	P	4.9
3	☐	50.000	50.697	84720.85	0.0116	P	0.7
4	☐	125.000	124.312	207415.15	0.0281	P	0.6
5	☐	250.000	246.945	406746.06	0.0555	P	1.2
6	☐	500.000	484.750	804146.37	0.1086	P	0.6
7	☐	1000.000	1008.440	1575345.91	0.2256	P	12.8
8	☐			2757.35	0.0004	P	2.8

$$y = 2.2342E-004 * x + 2.9290E-004$$

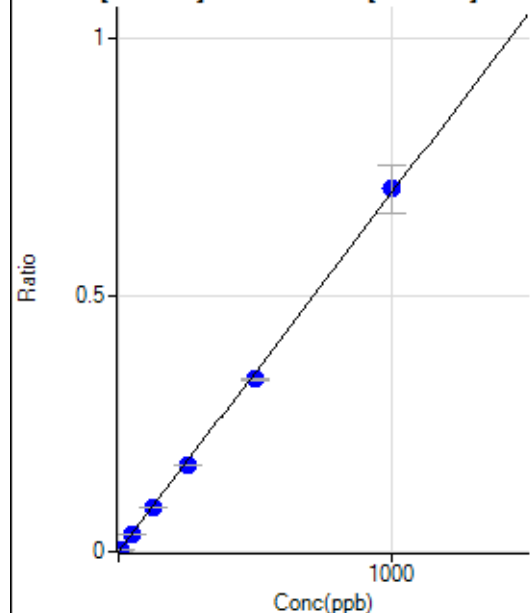
$$R = 0.9998$$

$$DL = 0.1737$$

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	580.58	0.0001	P	8.5
2	☐	5.000	4.875	25426.17	0.0035	P	3.2
3	☐	50.000	50.159	256390.38	0.0352	P	0.7
4	☐	125.000	121.784	630036.73	0.0853	P	0.8
5	☐	250.000	243.344	1248692.37	0.1703	P	0.5
6	☐	500.000	480.708	2490241.09	0.3363	P	0.6
7	☐	1000.000	1011.704	4941008.75	0.7077	P	13.0
8	☐			3153.22	0.0004	P	8.9

$$y = 6.9941E-004 * x + 8.0351E-005$$

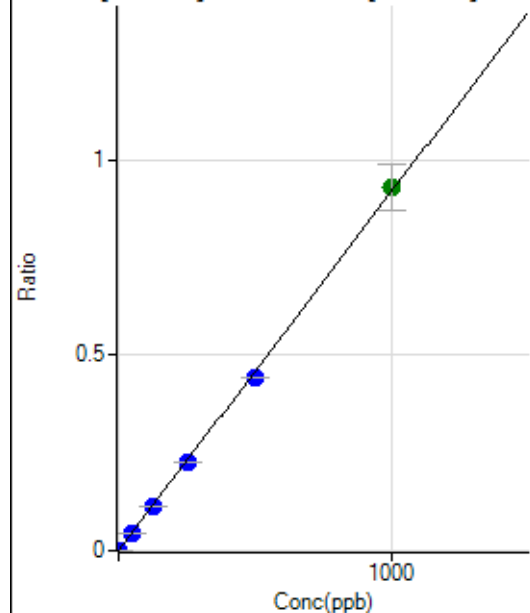
$$R = 0.9997$$

$$DL = 0.02932$$

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	80.56	0.0000	P	65.3
2	☐	2.000	1.963	13209.28	0.0018	P	1.2
3	☐	50.000	49.161	329019.59	0.0451	P	1.3
4	☐	125.000	121.563	824513.21	0.1116	P	0.8
5	☐	250.000	244.055	1642554.37	0.2240	P	0.2
6	☐	500.000	483.223	3283930.04	0.4435	P	0.5
7	☐	1000.000	1010.347	6475893.89	0.9272	A	12.6
8	☐			4178.53	0.0006	P	4.0

$$y = 9.1773E-004 * x + 1.1085E-005$$

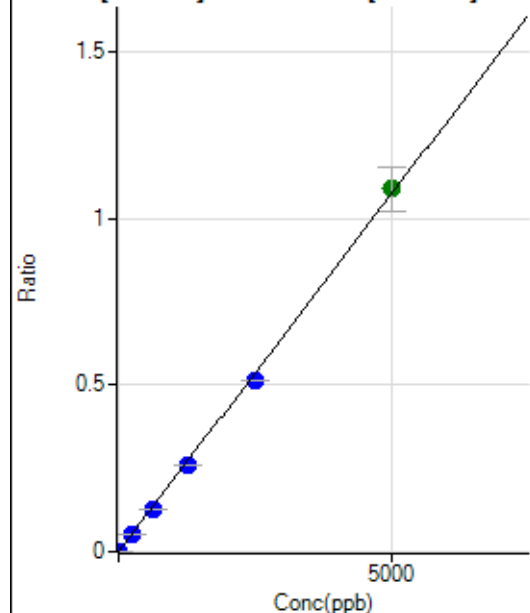
$$R = 0.9998$$

$$DL = 0.02368$$

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	11.11	0.0000	P	86.6
2	☐	10.000	9.466	14811.04	0.0020	P	2.7
3	☐	250.000	243.512	380976.38	0.0523	P	0.8
4	☐	625.000	597.337	947171.26	0.1282	P	1.0
5	☐	1250.000	1203.858	1894266.56	0.2583	P	0.2
6	☐	2500.000	2388.325	3794776.21	0.5125	P	0.4
7	☐	5000.000	5071.156	7603205.81	1.0881	A	11.9
8	☐			2817.02	0.0004	P	2.1

$$y = 2.1457E-004 * x + 1.5259E-006$$

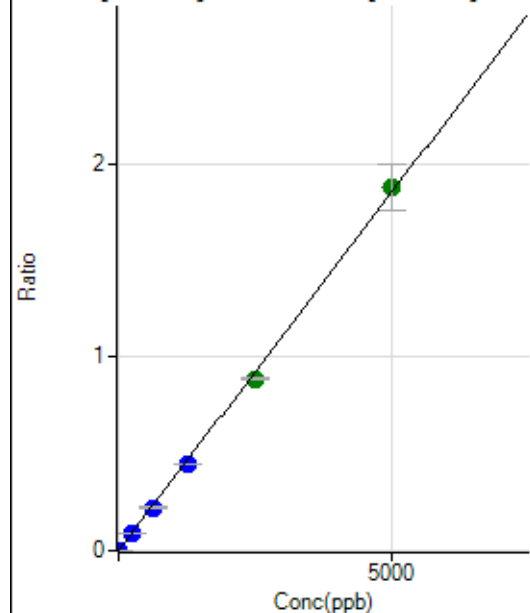
$$R = 0.9996$$

$$DL = 0.01848$$

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	13.89	0.0000	P	33.7
2	☐	10.000	9.613	25916.40	0.0036	P	1.9
3	☐	250.000	243.448	656369.59	0.0900	P	1.4
4	☐	625.000	603.381	1648840.39	0.2231	P	0.9
5	☐	1250.000	1206.185	3270923.79	0.4460	P	0.6
6	☐	2500.000	2394.563	6556916.51	0.8855	A	1.0
7	☐	5000.000	5066.703	13083992.91	1.8736	A	12.7
8	☐			5170.53	0.0007	P	3.7

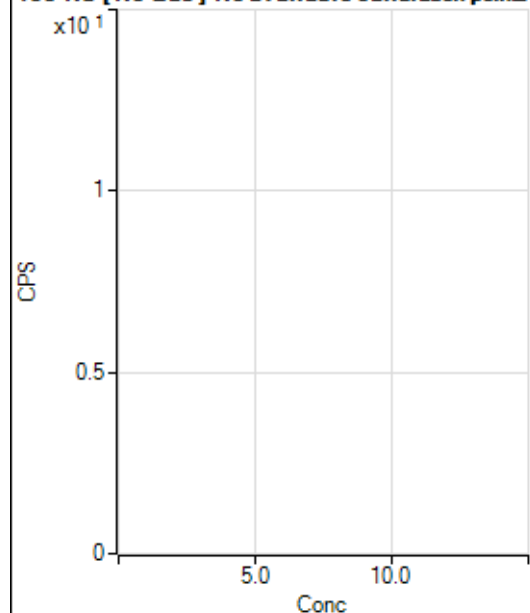
$$y = 3.6979E-004 * x + 1.9159E-006$$

$$R = 0.9996$$

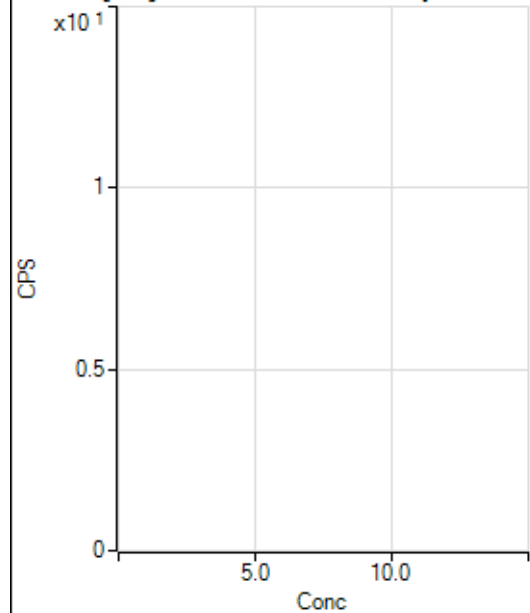
$$DL = 0.005241$$

Weight: <None>

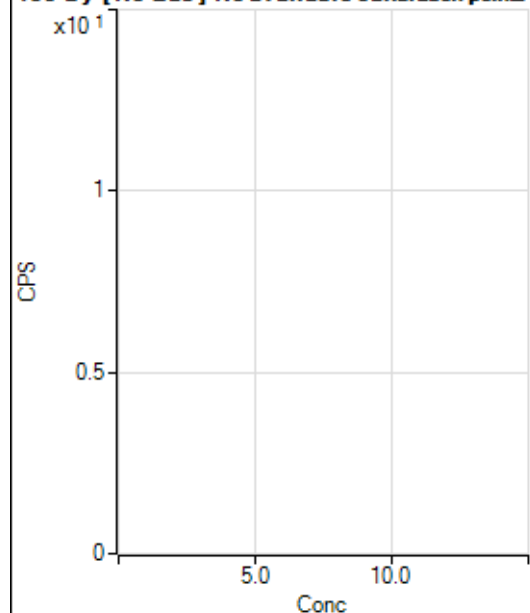
Min Conc: 0

150 Nd [No Gas] No available calibration points

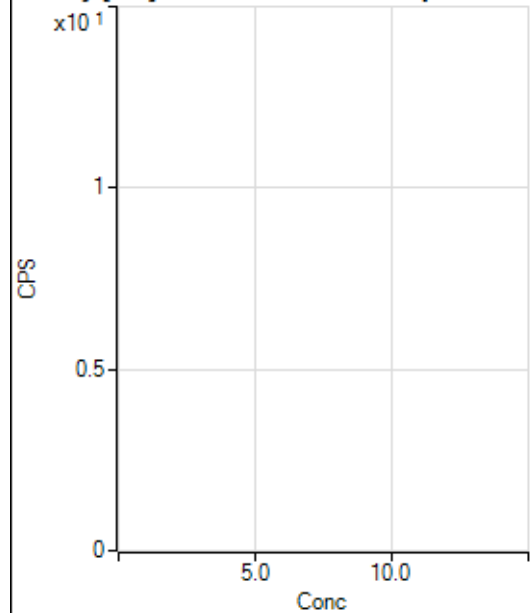
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			2.22		P	173.2
3	☐			40.00		P	16.7
4	☐			82.22		P	41.6
5	☐			173.34		P	10.2
6	☐			337.79		P	14.8
7	☐			728.92		P	8.2
8	☐			64.45		P	15.8

150 Nd [He] No available calibration points

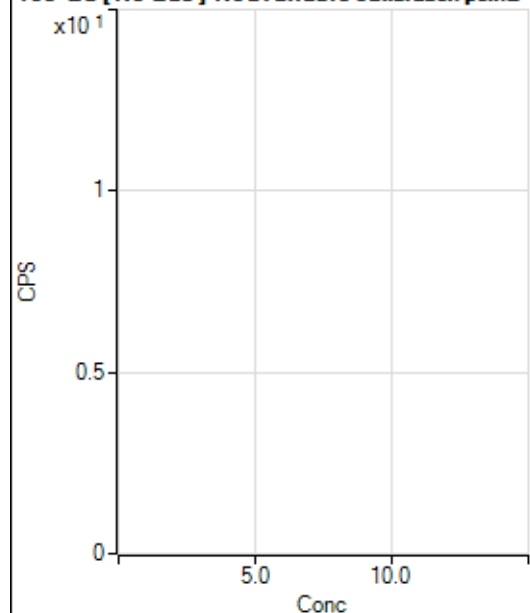
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐			0.00		P	
3	☐			6.67		P	0.0
4	☐			17.78		P	10.8
5	☐			32.22		P	12.0
6	☐			90.00		P	32.3
7	☐			198.89		P	5.1
8	☐			13.33		P	NaN

156 Dy [No Gas] No available calibration points

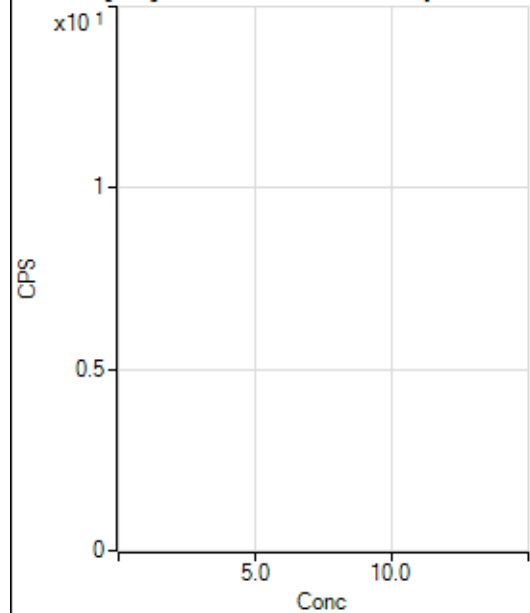
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.33		P	100.0
2	☐			13.89		P	34.7
3	☐			36.11		P	81.1
4	☐			66.67		P	25.0
5	☐			141.67		P	51.3
6	☐			269.45		P	18.9
7	☐			638.92		P	14.8
8	☐			1819.61		P	5.9

156 Dy [He] No available calibration points

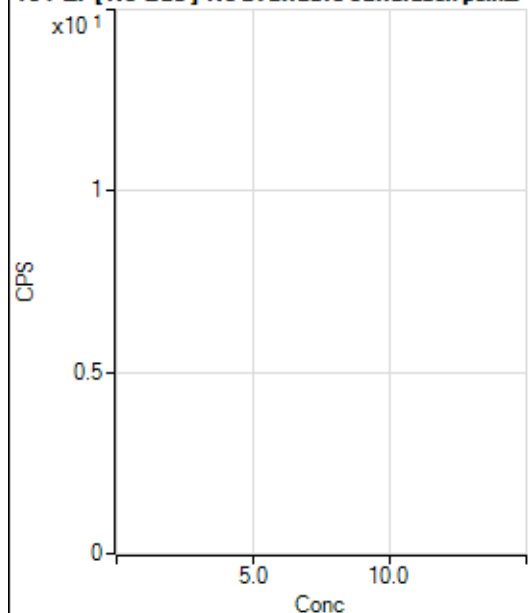
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.55		P	69.3
2	☐			7.78		P	65.5
3	☐			24.44		P	31.5
4	☐			43.34		P	13.3
5	☐			93.33		P	16.4
6	☐			207.78		P	7.6
7	☐			360.01		P	11.6
8	☐			1151.18		P	4.1

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

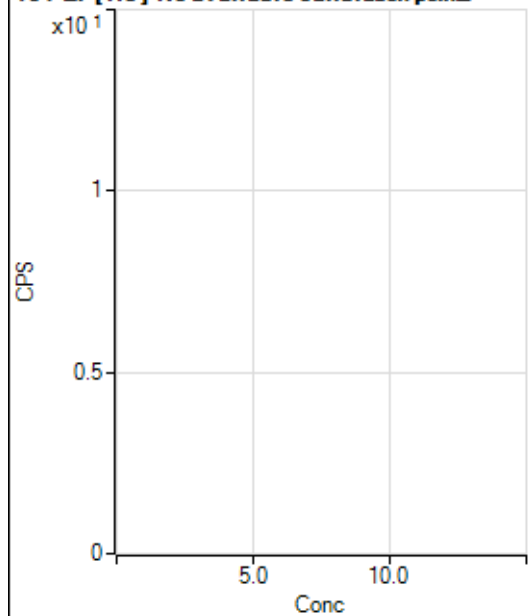
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			72.22		P	35.2
2	☐			58.34		P	28.6
3	☐			66.67		P	37.5
4	☐			116.67		P	7.1
5	☐			138.89		P	43.4
6	☐			311.12		P	15.2
7	☐			536.14		P	3.6
8	☐			1791.84		P	8.4

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			53.33		P	16.5
2	☐			85.56		P	23.5
3	☐			75.55		P	17.8
4	☐			85.56		P	17.6
5	☐			153.34		P	30.7
6	☐			251.12		P	11.1
7	☐			418.90		P	15.1
8	☐			1371.20		P	3.9

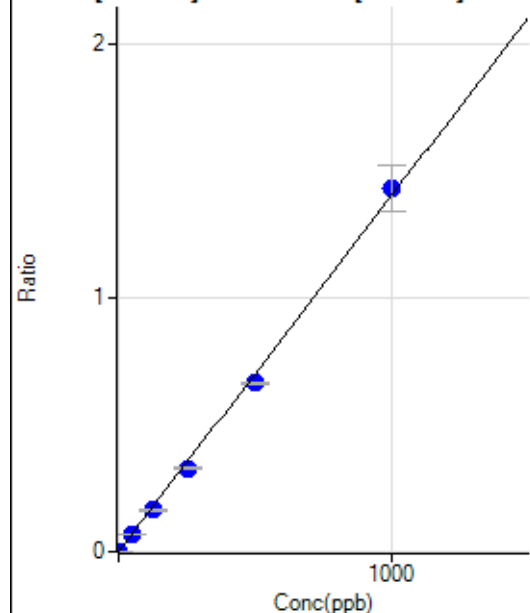
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	62.5
2	☐			36.11		P	48.0
3	☐			58.33		P	24.7
4	☐			41.67		P	20.0
5	☐			33.33		P	25.0
6	☐			122.23		P	14.2
7	☐			188.89		P	26.6
8	☐			277.79		P	3.5

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	36.7
2	☐			12.22		P	41.7
3	☐			21.11		P	45.6
4	☐			26.67		P	76.0
5	☐			24.44		P	20.8
6	☐			60.00		P	16.7
7	☐			97.78		P	12.0
8	☐			193.34		P	10.5

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1008.40	0.0002	P	9.0
2	☐	1.000	0.892	6640.72	0.0015	P	4.0
3	☐	50.000	46.000	288900.16	0.0646	P	0.6
4	☐	125.000	115.967	735325.22	0.1626	P	0.0
5	☐	250.000	234.349	1465150.27	0.3284	P	1.0
6	☐	500.000	472.700	2955326.24	0.6621	P	1.7
7	☐	1000.000	1018.892	5910869.53	1.4268	P	12.9
8	☐			2605.89	0.0006	P	14.5

$$y = 0.0014 * x + 2.2880E-004$$

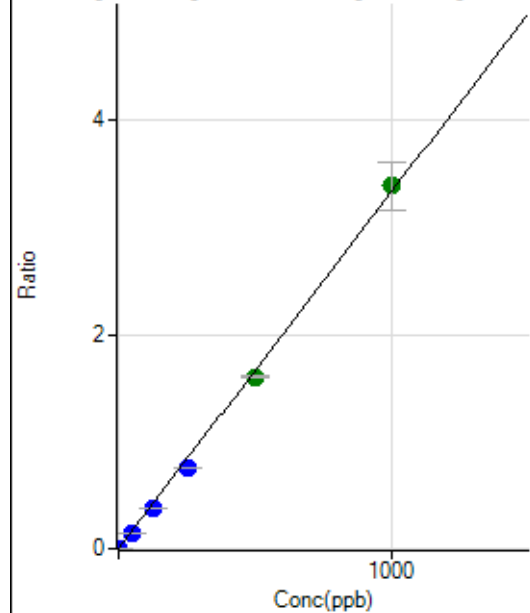
$$R = 0.9993$$

$$DL = 0.04411$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2331.47	0.0005	P	3.7
2	☐	1.000	0.867	15367.67	0.0034	P	0.9
3	☐	50.000	44.887	671367.40	0.1502	P	1.0
4	☐	125.000	111.548	1684522.38	0.3725	P	0.3
5	☐	250.000	227.548	3388036.89	0.7593	P	0.6
6	☐	500.000	481.774	7173636.76	1.6070	A	0.4
7	☐	1000.000	1016.663	14045343.55	3.3906	A	12.9
8	☐			5236.40	0.0013	P	10.7

$$y = 0.0033 * x + 5.2850E-004$$

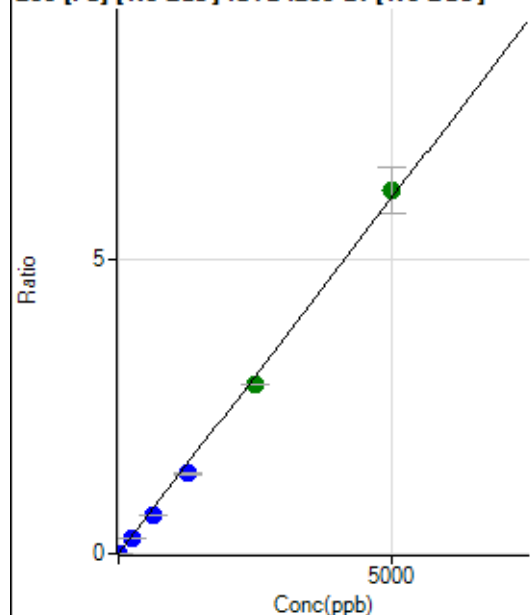
$$R = 0.9995$$

$$DL = 0.01774$$

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	603.73	0.0001	P	1.2
2	☐	1.000	0.875	5358.57	0.0012	P	4.3
3	☐	250.000	219.313	1183285.59	0.2647	P	0.8
4	☐	625.000	549.637	2999390.03	0.6633	P	0.7
5	☐	1250.000	1122.399	6042971.20	1.3543	P	0.8
6	☐	2500.000	2381.694	12827590.68	2.8736	A	0.9
7	☐	5000.000	5102.008	25504710.06	6.1557	A	12.7
8	☐			48086.59	0.0119	P	0.3

$$y = 0.0012 * x + 1.3689E-004$$

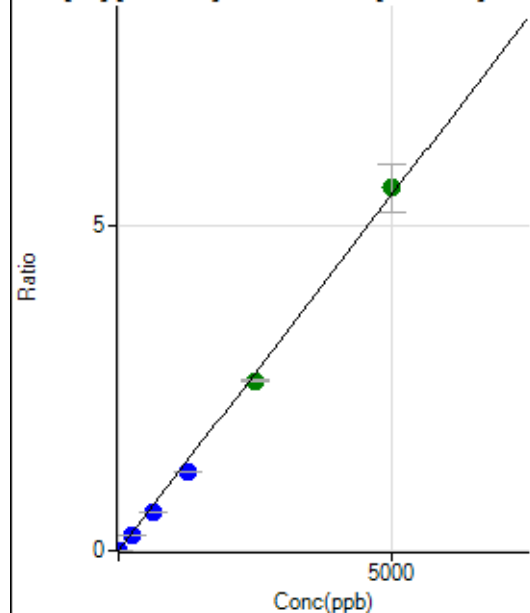
$$R = 0.9992$$

$$DL = 0.004234$$

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	531.50	0.0001	P	6.2
2	☐	1.000	0.856	4762.05	0.0011	P	1.9
3	☐	250.000	217.353	1066117.88	0.2385	P	0.3
4	☐	625.000	543.797	2697832.61	0.5966	P	0.3
5	☐	1250.000	1111.610	5440909.09	1.2194	P	0.7
6	☐	2500.000	2388.922	11697389.96	2.6203	A	0.6
7	☐	5000.000	5101.919	23170682.00	5.5960	A	13.5
8	☐			43353.84	0.0108	P	0.9

$$y = 0.0011 * x + 1.2052E-004$$

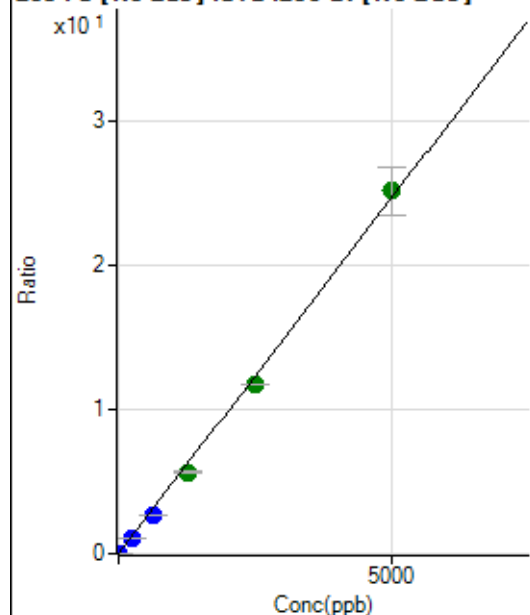
$$R = 0.9992$$

$$DL = 0.02033$$

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	2459.40	0.0006	P	1.3
2	☐	1.000	0.856	21509.01	0.0048	P	2.3
3	☐	250.000	218.004	4814173.23	1.0771	P	0.3
4	☐	625.000	549.744	12279003.22	2.7152	P	0.1
5	☐	1250.000	1145.515	25243345.30	5.6571	A	0.7
6	☐	2500.000	2373.793	52329688.90	11.7224	A	0.5
7	☐	5000.000	5100.231	104298552.5	25.1856	A	13.3
8	☐			195467.27	0.0485	P	0.6

$$y = 0.0049 * x + 5.5779E-004$$

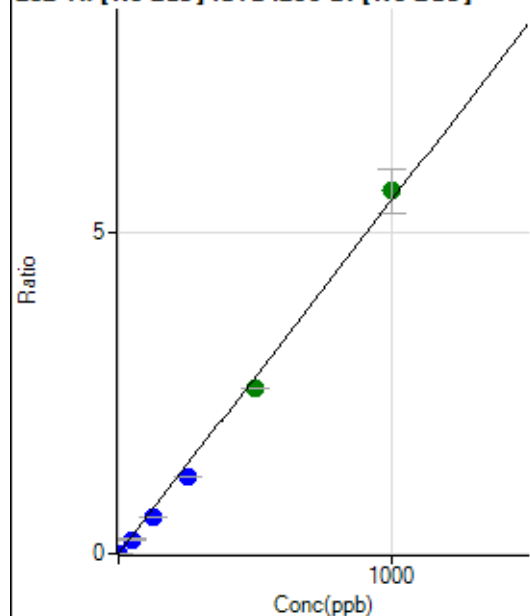
$$R = 0.9993$$

$$DL = 0.004254$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	424.09	0.0001	P	6.9
2	☐	1.000	-0.004	344.46	0.0001	P	1.4
3	☐	50.000	40.797	1006113.88	0.2251	P	0.6
4	☐	125.000	103.913	2592050.20	0.5732	P	0.8
5	☐	250.000	215.443	5302367.48	1.1883	P	0.3
6	☐	500.000	469.752	11565683.71	2.5908	A	0.4
7	☐	1000.000	1026.861	23471862.10	5.6634	A	12.3
8	☐			3858.05	0.0010	P	10.4

$$y = 0.0055 * x + 9.6219E-005$$

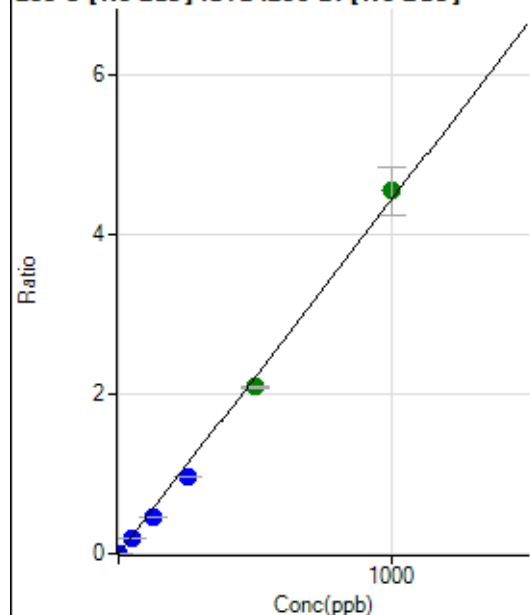
$$R = 0.9987$$

$$DL = 0.003601$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-27.97	0.0000	P	-86.4
2	☐	1.000	0.930	18519.78	0.0041	P	6.3
3	☐	50.000	41.212	817885.61	0.1830	P	1.5
4	☐	125.000	105.337	2115124.55	0.4677	P	0.4
5	☐	250.000	215.942	4278391.56	0.9588	P	1.0
6	☐	500.000	472.074	9357511.73	2.0961	A	0.9
7	☐	1000.000	1025.375	18858188.63	4.5530	A	13.1
8	☐			-824.44	-0.0002	P	-26.4

$$y = 0.0044 * x - 6.3555E-006$$

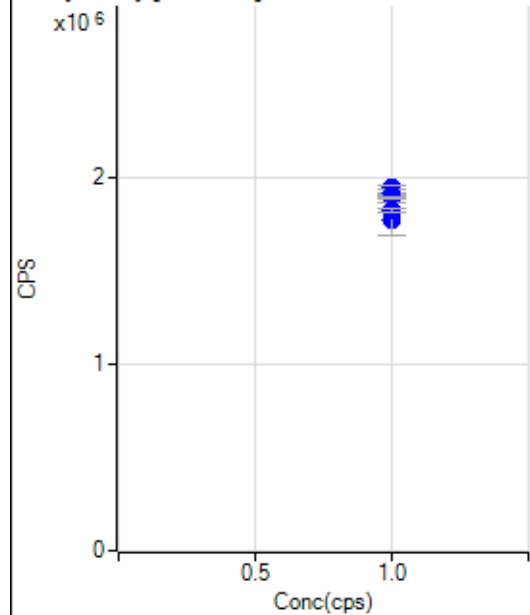
$$R = 0.9988$$

$$DL = 0.003709$$

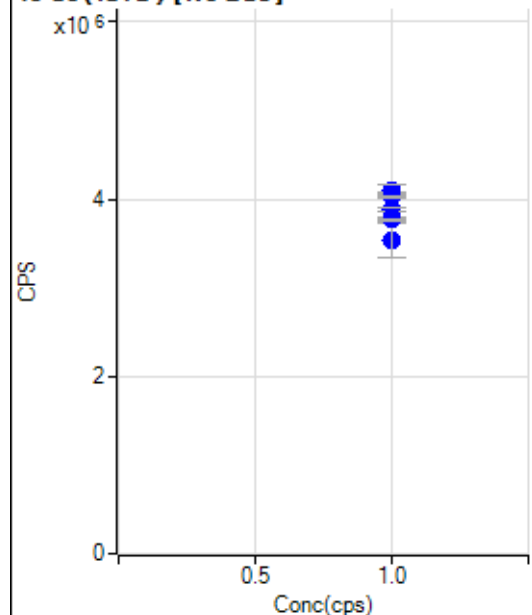
Weight: <None>

Min Conc: 0

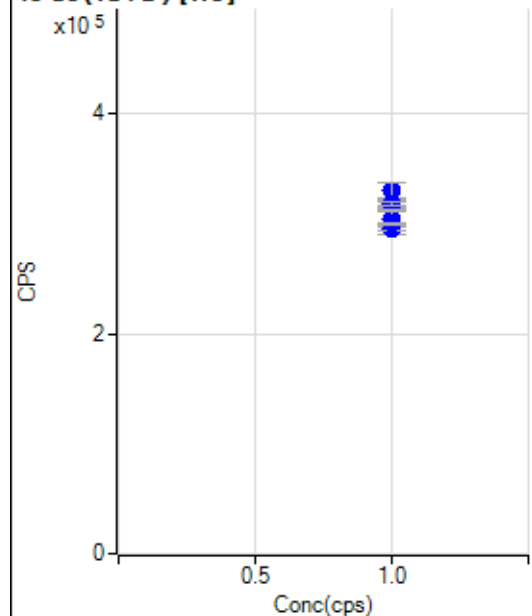
6 Li (ISTD) [No Gas]



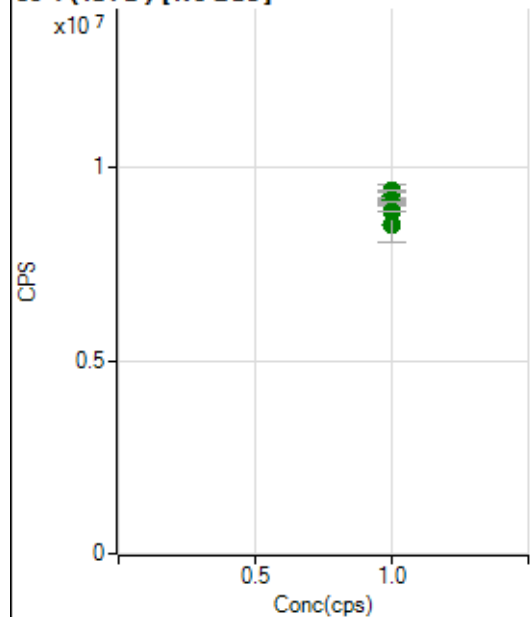
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1903790.13		P	1.2
2	☐	1.000		1914248.18		P	2.3
3	☐	1.000		1902538.06		P	0.7
4	☐	1.000		1942453.81		P	1.1
5	☐	1.000		1906111.67		P	0.3
6	☐	1.000		1892947.35		P	0.6
7	☐	1.000		1773587.28		P	9.8
8	☐	1.000		1826321.05		P	1.2

45 Sc (ISTD) [No Gas]

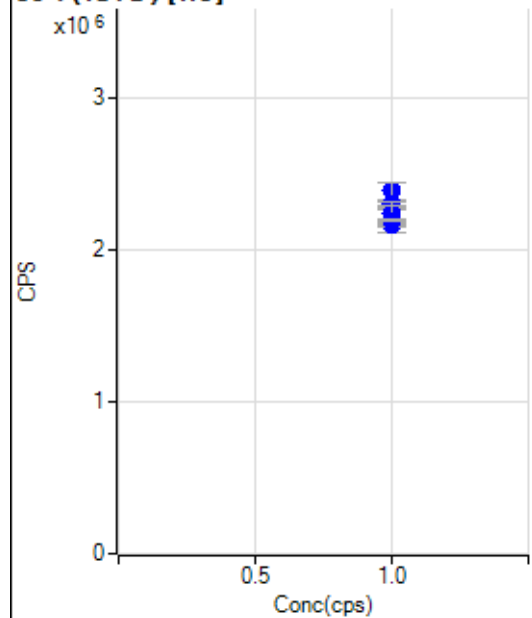
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4038718.45		P	1.5
2	☐	1.000		4093099.59		P	3.0
3	☐	1.000		4059547.86		P	0.4
4	☐	1.000		4029943.27		P	0.7
5	☐	1.000		3884331.96		P	1.0
6	☐	1.000		3797606.40		P	0.3
7	☐	1.000		3529895.08		P	11.2
8	☐	1.000		3765611.78		P	0.4

45 Sc (ISTD) [He]

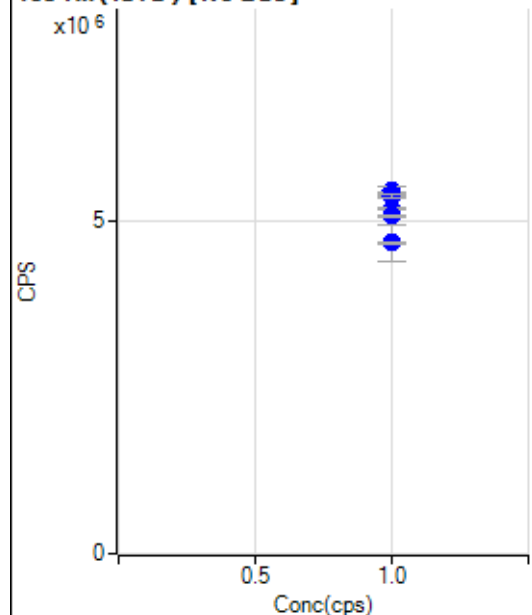
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		319201.23		P	2.6
2	☐	1.000		330224.75		P	4.5
3	☐	1.000		318565.28		P	0.7
4	☐	1.000		301478.80		P	7.7
5	☐	1.000		298995.29		P	0.6
6	☐	1.000		295449.27		P	1.2
7	☐	1.000		304917.35		P	4.1
8	☐	1.000		300760.75		P	0.4

89 Y (ISTD) [No Gas]

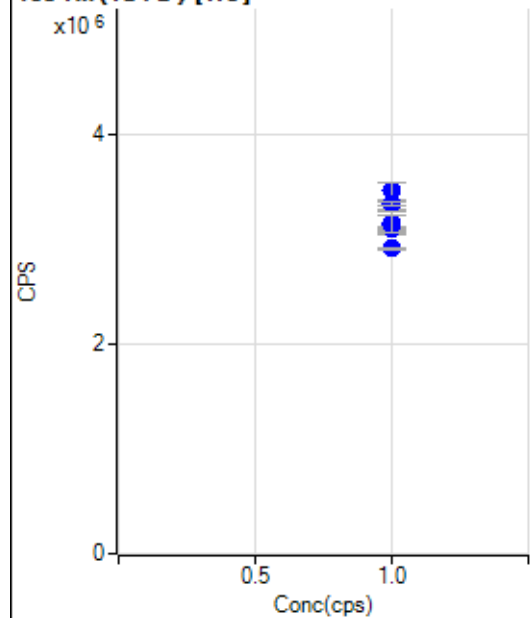
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9262247.50		A	2.1
2	☐	1.000		9384180.97		A	3.4
3	☐	1.000		9391125.62		A	0.4
4	☐	1.000		9394206.74		A	0.8
5	☐	1.000		9144764.31		A	1.5
6	☐	1.000		9070726.11		A	0.5
7	☐	1.000		8536569.32		A	11.1
8	☐	1.000		8858952.16		A	0.3

89 Y (ISTD) [He]

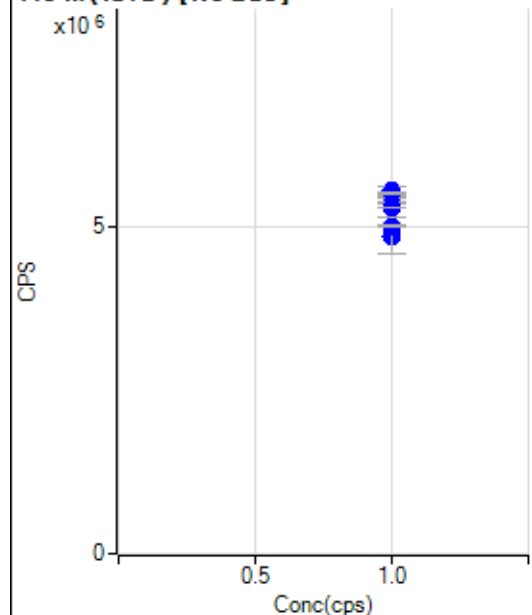
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2290547.36		P	1.8
2	☐	1.000		2385593.44		P	4.7
3	☐	1.000		2303808.42		P	1.0
4	☐	1.000		2194359.48		P	7.2
5	☐	1.000		2169530.23		P	0.4
6	☐	1.000		2157959.66		P	0.7
7	☐	1.000		2235754.53		P	4.6
8	☐	1.000		2189500.58		P	0.7

103 Rh (ISTD) [No Gas]

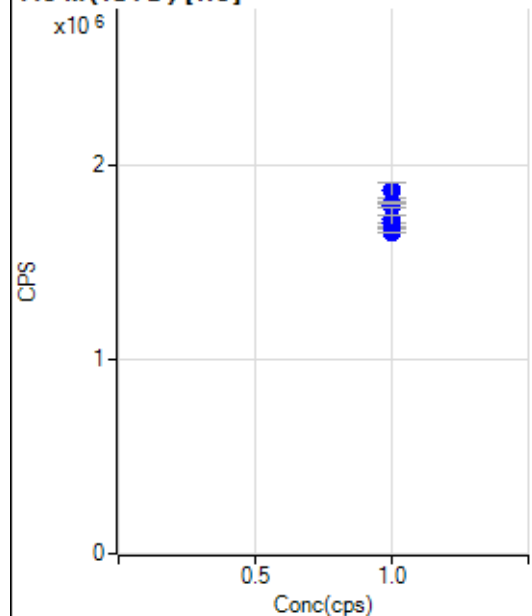
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5378467.84		P	1.6
2	☐	1.000		5441064.71		P	2.7
3	☐	1.000		5392903.88		P	0.3
4	☐	1.000		5361643.53		P	0.7
5	☐	1.000		5171261.52		P	0.7
6	☐	1.000		5064376.55		P	0.5
7	☐	1.000		4664396.94		P	11.5
8	☐	1.000		4661395.14		P	0.4

103 Rh (ISTD) [He]

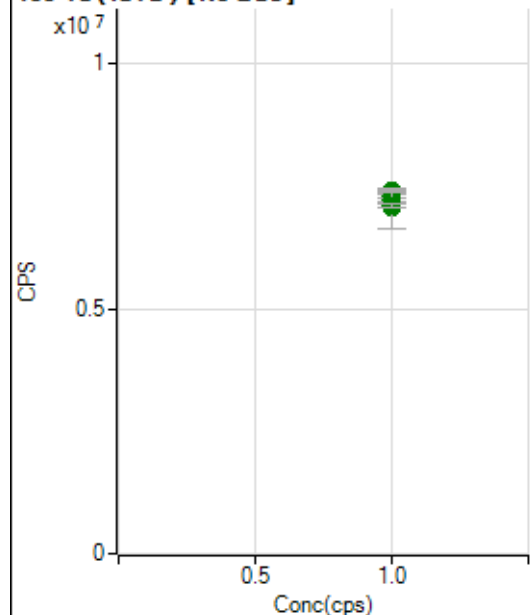
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3326459.36		P	2.4
2	☐	1.000		3456328.80		P	4.6
3	☐	1.000		3331355.78		P	0.7
4	☐	1.000		3153503.29		P	7.1
5	☐	1.000		3115817.84		P	0.2
6	☐	1.000		3091637.21		P	0.6
7	☐	1.000		3140171.65		P	5.0
8	☐	1.000		2908179.89		P	0.6

115 In (ISTD) [No Gas]

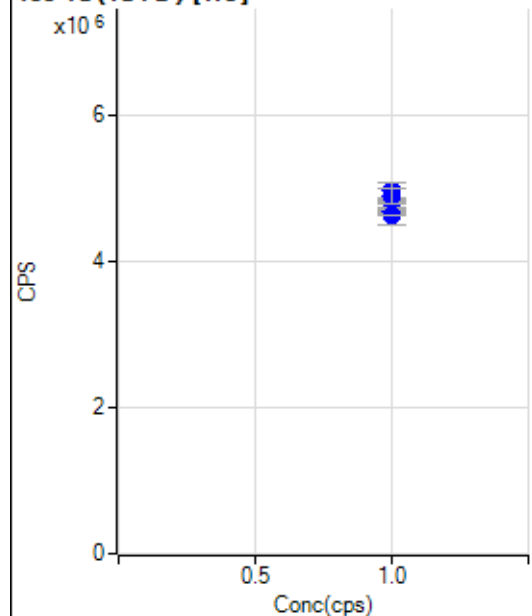
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5508664.29		P	1.4
2	☐	1.000		5565193.15		P	2.9
3	☐	1.000		5542813.38		P	0.2
4	☐	1.000		5540510.08		P	0.7
5	☐	1.000		5383062.74		P	0.8
6	☐	1.000		5312063.52		P	0.4
7	☐	1.000		4879825.57		P	11.8
8	☐	1.000		5028575.99		P	0.2

115 In (ISTD) [He]

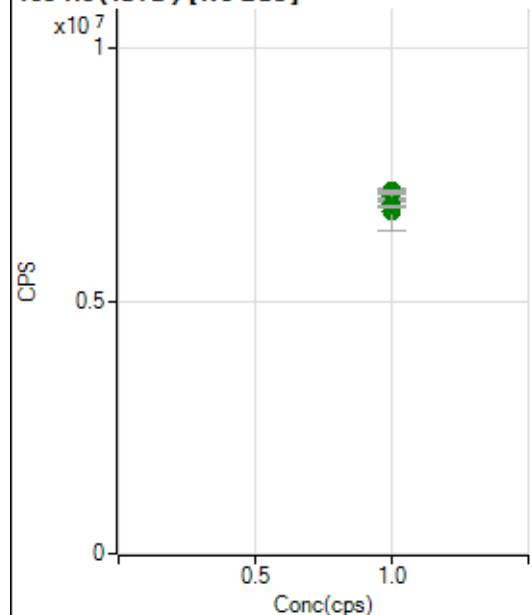
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1793217.06		P	2.1
2	☐	1.000		1864445.50		P	4.4
3	☐	1.000		1803428.24		P	0.7
4	☐	1.000		1715823.71		P	7.5
5	☐	1.000		1699067.88		P	0.2
6	☐	1.000		1675891.02		P	0.8
7	☐	1.000		1703830.72		P	4.5
8	☐	1.000		1650691.82		P	0.5

159 Tb (ISTD) [No Gas]

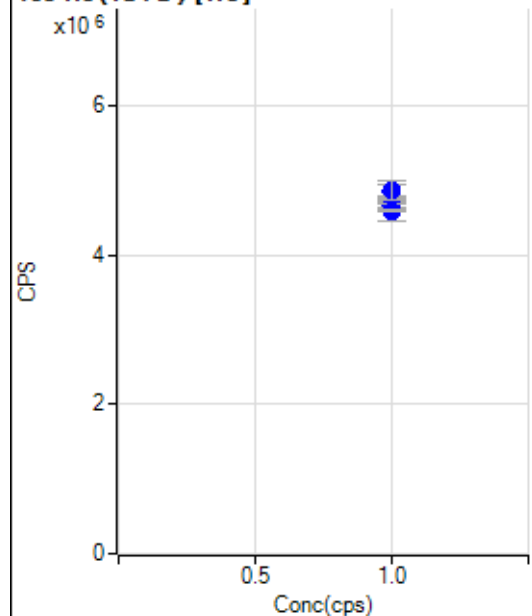
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7228701.70		A	1.4
2	☐	1.000		7288607.81		A	2.6
3	☐	1.000		7291477.46		A	0.9
4	☐	1.000		7390171.07		A	1.1
5	☐	1.000		7333239.13		A	0.3
6	☐	1.000		7405013.99		A	0.3
7	☐	1.000		7052509.69		A	11.6
8	☐	1.000		7090082.19		A	1.0

159 Tb (ISTD) [He]

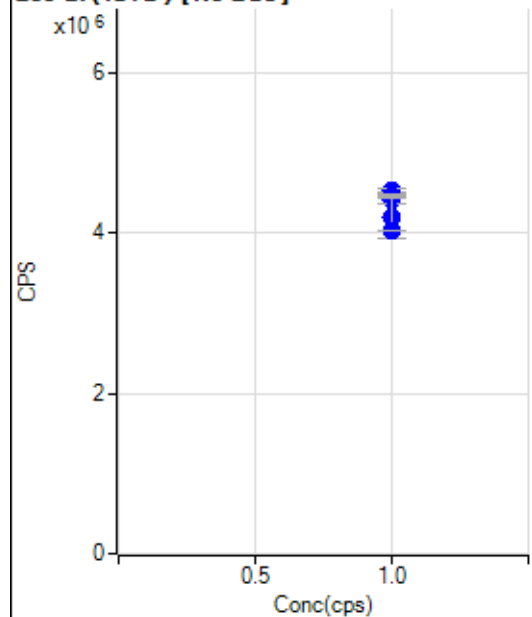
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4754939.51		P	2.5
2	☐	1.000		4970264.96		P	4.5
3	☐	1.000		4844661.80		P	0.9
4	☐	1.000		4672445.59		P	7.2
5	☐	1.000		4690538.30		P	0.9
6	☐	1.000		4737620.76		P	0.7
7	☐	1.000		4897962.43		P	4.4
8	☐	1.000		4632648.93		P	0.4

165 Ho (ISTD) [No Gas]

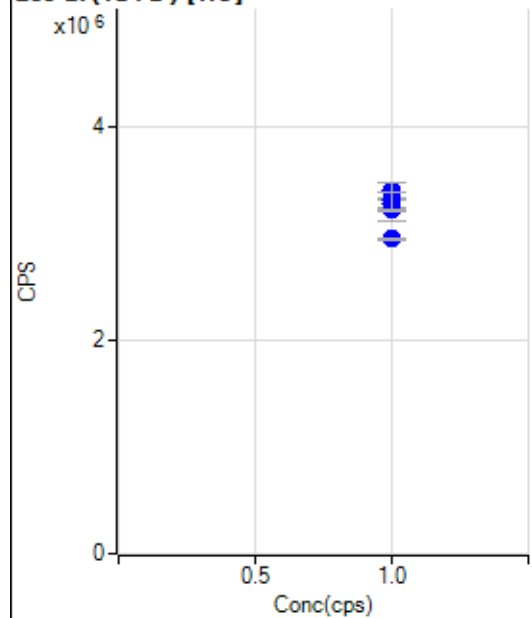
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6922724.83		A	1.2
2	☐	1.000		7082126.42		A	3.4
3	☐	1.000		6985701.91		A	0.7
4	☐	1.000		7182451.35		A	1.1
5	☐	1.000		7103199.48		A	1.3
6	☐	1.000		7155389.48		A	1.2
7	☐	1.000		6781188.93		A	11.6
8	☐	1.000		6875784.90		A	0.2

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4669992.64		P	2.5
2	☐	1.000		4844804.24		P	4.4
3	☐	1.000		4746648.89		P	0.7
4	☐	1.000		4629576.84		P	7.4
5	☐	1.000		4647418.47		P	0.2
6	☐	1.000		4673448.51		P	1.2
7	☐	1.000		4865240.73		P	5.3
8	☐	1.000		4598866.98		P	0.6

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4409607.47		P	1.7
2	☐	1.000		4494642.33		P	2.5
3	☐	1.000		4469738.65		P	0.4
4	☐	1.000		4522341.15		P	1.0
5	☐	1.000		4462190.18		P	0.6
6	☐	1.000		4464009.62		P	0.6
7	☐	1.000		4184713.38		P	11.7
8	☐	1.000		4028604.38		P	0.1

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3280772.97		P	2.1
2	☐	1.000		3397404.95		P	4.1
3	☐	1.000		3313716.89		P	0.3
4	☐	1.000		3220617.80		P	7.1
5	☐	1.000		3217351.83		P	0.1
6	☐	1.000		3220354.78		P	0.7
7	☐	1.000		3310834.12		P	4.8
8	☐	1.000		2950928.43		P	0.5

US EPA Tune Check Sample Report

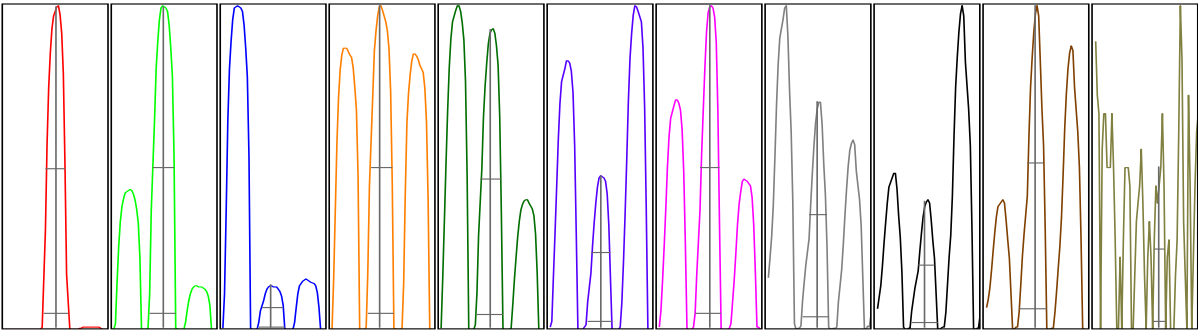
Batch Folder C:\Agilent\ICPMH\1\DATA\P7030421MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	5857	1.00	5.00	
24	80264	0.88	5.00	
25	10940	1.09	5.00	
26	12459	0.84	5.00	
59	13386	0.64	5.00	
113	6922	0.77	5.00	
115	20364	0.64	5.00	
206	8624	0.82	5.00	
207	7259	0.85	5.00	
208	17811	0.49	5.00	
220	0	40.16		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	5786	5856	5871	5828	5944
24	79251	80629	80967	79819	80653
25	10754	10949	11061	10914	11021
26	12299	12515	12536	12409	12538
59	13265	13443	13484	13346	13392
113	6849	6953	6937	6889	6983
115	20370	20436	20429	20138	20447
206	8534	8647	8651	8575	8715
207	7173	7296	7266	7226	7332
208	17680	17767	17853	17899	17856
220	1	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	10790	9.05	8.9 - 9.1		0.728	0.900	
24	132698	24.00	23.9 - 24.1		0.774	0.900	
25	17857	24.95	24.9 - 25.1		0.779	0.900	
26	20558	25.95	25.9 - 26.1		0.782	0.900	
59	23540	59.00	58.9 - 59.1		0.778	0.900	
113	13143	113.05	112.9 - 113.1		0.736	0.900	
115	39090	115.05	114.9 - 115.1		0.742	0.900	
206	17807	206.00	205.9 - 206.1		0.775	0.900	
207	14562	206.95	206.9 - 207.1		0.774	0.900	
208	36914	208.00	207.9 - 208.1		0.782	0.900	
220	0	220.40	-		0.343		

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	0.67	L/min	S/C Temp		2 °C
RF Matching	1.80	V	Option Gas	0.0	%	Gas Switch		Dilution Gas
Smpl Depth	9.0	mm	Nebulizer Pump	0.10	rpm	Makeup/Dilution Gas		0.40 L/min

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	11.7	V	Deflect	14.2	V
Extract 2	-185.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-90	V	Cell Exit	-50	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	No		OctP Bias	-8.0	V	Energy Discrimination		5.0 V
He Flow	0.0	mL/min	OctP RF	180	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	4819	1.00	
89	40711	0.56	
205	8571	1.06	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	4778	4771	4851	4885	4811
89	40483	40778	40616	41074	40602
205	8479	8505	8582	8713	8579

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
RF Power	1600	W	Carrier Gas	0.67	L/min	S/C Temp		2 °C
RF Matching	1.80	V	Option Gas	0.0	%	Gas Switch		Dilution Gas
Smpl Depth	9.0	mm	Nebulizer Pump	0.10	rpm	Makeup/Dilution Gas		0.40 L/min

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	11.0	V	Deflect	3.0	V
Extract 2	-165.0	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 :	LB113411	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 14:03:13	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.27	0.17	-0.43	0.00	N/A	ppb
Antimony	121-1	0.01	-0.01	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.01	-0.01	0.01	0.00	N/A	ppb
Barium	135-1	0.00	-0.01	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.18	-0.14	-0.03	0.00	N/A	ppb
Boron	11-1	-0.08	0.03	0.05	0.00	N/A	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.00	-0.06	0.06	0.00	N/A	ppb
Cadmium	106-1	0.08	-0.96	0.89	0.00	N/A	ppb
Cadmium	108-1	0.00	0.03	-0.03	0.00	N/A	ppb
Calcium	43-1	-0.74	0.51	0.22	0.00	N/A	ppb
Calcium	44-1	0.02	1.70	-1.72	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	0.02	-0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.03	-0.02	-0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	-0.11	0.09	0.01	0.00	N/A	ppb
Iron	57-2	1.11	-0.98	-0.12	0.00	N/A	ppb

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 14:03:13	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	-0.80	0.72	0.09	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	-0.01	0.00	0.01	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.62	0.33	0.29	0.00	N/A	ppb
Manganese	55-2	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.01	-0.02	0.01	0.00	N/A	ppb
Molybdenum	96-1	-0.01	0.01	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.01	-0.01	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	0.00	0.03	0.00	N/A	ppb
Phosphorus	31-2	8.67	43.12	-3.78	16.00	151.80	ppb
Potassium	39-2	-3.41	1.86	1.56	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-1.36	0.98	0.38	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.19	-0.05	0.24	0.00	N/A	ppb
Silicon	28-1	-2.37	2.34	0.03	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	-0.45	0.15	0.30	0.00	N/A	ppb
Strontium	86-1	0.03	0.02	-0.05	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-419.96	214.72	-184.89	-130.04		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	-0.02	0.01	0.01	0.00	N/A	ppb
Thallium	205-1	0.00	-0.01	0.00	0.00	N/A	ppb

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 14:03:13	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.01	0.00	0.01	0.00	N/A	ppb
Titanium	47-1	0.02	0.00	-0.02	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	-0.01	0.04	-0.03	0.00	N/A	ppb
Zirconium	90-1	0.00	-0.01	0.01	0.00	N/A	ppb
Zirconium	91-1	0.00	-0.01	0.01	0.00	N/A	ppb

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 14:09:34	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.03	20.67	20.79	20.50	2.00	ppb
Antimony	121-1	1.95	1.99	1.94	1.96	1.24	ppb
Arsenic	75-2	0.98	1.02	0.99	1.00	2.18	ppb
Barium	135-1	9.68	9.54	9.18	9.47	2.69	ppb
Barium	137-1	9.48	9.82	9.54	9.61	1.86	ppb
Beryllium	9-1	1.03	1.02	0.93	1.00	5.44	ppb
Bismuth	209-1				102		%
Bismuth	209-2				104		%
Boron	10-1	23.61	25.22	25.21	24.68	3.76	ppb
Boron	11-1	23.63	24.57	23.55	23.92	2.36	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.06	1.13	0.91	1.03	11.17	ppb
Cadmium	106-1	2.86	0.71	1.02	1.53	76.27	ppb
Cadmium	108-1	1.32	1.22	0.93	1.16	17.15	ppb
Calcium	43-1	529.29	551.85	538.03	539.73	2.11	ppb
Calcium	44-1	527.11	543.43	510.35	526.96	3.14	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.84	1.95	2.12	1.97	7.09	ppb
Cobalt	59-2	0.95	1.02	1.03	1.00	4.05	ppb
Copper	63-2	1.84	2.02	1.95	1.93	4.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				104		%
Iron	56-2	49.27	52.29	53.13	51.56	3.94	ppb
Iron	57-2	47.23	52.88	53.35	51.15	6.66	ppb

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 14:09:34	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	47.55	56.65	55.28	53.16	9.22	ppb
Krypton	83-1						cps
Lead	206-1	0.88	0.91	0.83	0.88	4.83	ppb
Lead	207-1	0.86	0.87	0.84	0.86	2.11	ppb
Lead	208-1	0.88	0.86	0.83	0.86	2.64	ppb
Lithium	6-1				101		%
Magnesium	24-2	492.09	518.44	525.39	511.98	3.43	ppb
Manganese	55-2	0.97	1.07	1.07	1.04	5.47	ppb
Molybdenum	94-1	4.84	5.02	4.58	4.82	4.57	ppb
Molybdenum	95-1	4.49	5.10	4.60	4.73	6.92	ppb
Molybdenum	96-1	4.51	4.79	4.42	4.57	4.17	ppb
Molybdenum	97-1	4.57	4.84	4.53	4.65	3.64	ppb
Molybdenum	98-1	4.60	4.92	4.79	4.77	3.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.00	1.08	1.11	1.06	5.18	ppb
Phosphorus	31-2	-22.19	-43.14	17.32	-16.00		ppb
Potassium	39-2	470.15	516.85	540.43	509.14	7.03	ppb
Rhodium	103-1				101		%
Rhodium	103-2				104		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	82-1	5.44	4.82	3.61	4.62	20.20	ppb
Selenium	77-2	6.88	5.85	6.03	6.25	8.83	ppb
Selenium	78-2	3.93	4.73	3.67	4.11	13.54	ppb
Silicon	28-1	9.29	15.62	6.66	10.53	43.78	ppb
Silver	107-1	0.99	0.99	0.98	0.99	0.61	ppb
Silver	109-1	0.96	1.00	0.99	0.98	2.13	ppb
Sodium	23-2	504.97	533.57	549.30	529.28	4.25	ppb
Strontium	86-1	0.70	1.01	0.70	0.80	22.67	ppb
Strontium	88-1	1.02	0.96	0.98	0.99	2.88	ppb
Sulfur	34-1	-52.89	745.20	-302.18	130.04	420.73	ppb
Terbium	159-1				101		%
Terbium	159-2				105		%
Thallium	203-1	0.86	0.94	0.88	0.89	4.77	ppb
Thallium	205-1	0.88	0.86	0.86	0.87	1.06	ppb

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 14:09:34	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	4.74	5.05	4.83	4.87	3.27	ppb
Titanium	47-1	4.75	5.11	4.44	4.77	6.99	ppb
Uranium	238-1	0.95	0.98	0.86	0.93	6.31	ppb
Vanadium	51-2	4.75	5.08	5.10	4.97	3.96	ppb
Yttrium	89-1				101		%
Yttrium	89-2				104		%
Zinc	66-2	1.98	2.16	2.03	2.06	4.62	ppb
Zirconium	90-1	0.92	0.93	0.90	0.92	1.95	ppb
Zirconium	91-1	0.88	0.89	0.86	0.88	1.67	ppb

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 14:12:39	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1086.51	1068.56	1046.81	1067.29	1.86	ppb
Antimony	121-1	48.44	49.68	49.36	49.16	1.31	ppb
Arsenic	75-2	52.61	51.22	51.66	51.83	1.37	ppb
Barium	135-1	241.93	245.61	243.00	243.51	0.78	ppb
Barium	137-1	240.42	247.21	242.71	243.45	1.42	ppb
Beryllium	9-1	49.41	50.72	49.00	49.71	1.81	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	42.58	49.11	49.54	47.08	8.28	ppb
Boron	11-1	46.44	49.77	51.03	49.08	4.83	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	50.55	51.09	50.45	50.70	0.68	ppb
Cadmium	106-1	51.20	50.26	48.55	50.00	2.69	ppb
Cadmium	108-1	48.97	50.28	50.35	49.87	1.56	ppb
Calcium	43-1	5455.72	5466.09	5488.94	5470.25	0.31	ppb
Calcium	44-1	5424.25	5539.85	5476.01	5480.04	1.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	53.10	51.63	51.92	52.22	1.50	ppb
Cobalt	59-2	53.52	52.70	52.11	52.77	1.34	ppb
Copper	63-2	542.55	538.01	533.98	538.18	0.80	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				102		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	2636.94	2621.53	2586.35	2614.94	0.99	ppb
Iron	57-2	2698.52	2682.83	2650.86	2677.40	0.91	ppb

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 14:12:39	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2820.15	2767.35	2756.20	2781.23	1.23	ppb
Krypton	83-1						cps
Lead	206-1	221.05	217.43	219.45	219.31	0.83	ppb
Lead	207-1	216.58	217.52	217.96	217.35	0.33	ppb
Lead	208-1	218.72	217.73	217.56	218.00	0.29	ppb
Lithium	6-1				100		%
Magnesium	24-2	5618.43	5548.78	5510.86	5559.36	0.98	ppb
Manganese	55-2	540.25	533.06	524.92	532.74	1.44	ppb
Molybdenum	94-1	245.19	246.45	245.65	245.76	0.26	ppb
Molybdenum	95-1	245.36	244.97	246.42	245.58	0.30	ppb
Molybdenum	96-1	248.56	246.05	242.77	245.79	1.18	ppb
Molybdenum	97-1	243.25	241.50	242.60	242.45	0.36	ppb
Molybdenum	98-1	247.21	243.65	245.99	245.62	0.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	54.53	53.70	53.73	53.99	0.87	ppb
Phosphorus	31-2	1072.35	1014.38	988.25	1024.99	4.20	ppb
Potassium	39-2	2810.93	2813.15	2784.47	2802.85	0.57	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	47.76	48.07	49.89	48.57	2.36	ppb
Selenium	77-2	49.66	48.49	53.59	50.58	5.28	ppb
Selenium	78-2	53.45	53.68	52.89	53.34	0.76	ppb
Silicon	28-1	53.73	58.14	58.08	56.65	4.47	ppb
Silver	107-1	50.74	52.31	52.33	51.79	1.76	ppb
Silver	109-1	50.97	51.85	51.78	51.53	0.95	ppb
Sodium	23-2	5662.04	5610.51	5594.34	5622.30	0.63	ppb
Strontium	86-1	49.70	48.13	47.86	48.56	2.05	ppb
Strontium	88-1	49.33	48.76	48.83	48.97	0.63	ppb
Sulfur	34-1	1442.21	1421.92	1644.71	1502.95	8.20	ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	46.27	45.99	45.74	46.00	0.57	ppb
Thallium	205-1	45.35	44.43	44.88	44.89	1.02	ppb

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 14:12:39	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	41.00	40.88	40.51	40.80	0.63	ppb
Tin	118-1	50.55	50.01	49.92	50.16	0.68	ppb
Titanium	47-1	235.25	237.96	232.73	235.31	1.11	ppb
Uranium	238-1	41.51	41.65	40.48	41.21	1.55	ppb
Vanadium	51-2	52.09	51.40	50.78	51.43	1.27	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	532.10	524.25	516.94	524.43	1.45	ppb
Zirconium	90-1	47.97	48.03	47.69	47.90	0.38	ppb
Zirconium	91-1	46.93	46.44	46.97	46.78	0.64	ppb

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 14:15:45	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2647.63	2527.94	3002.73	2726.10	9.06	ppb
Antimony	121-1	122.04	120.46	122.19	121.56	0.79	ppb
Arsenic	75-2	129.94	125.49	143.89	133.11	7.21	ppb
Barium	135-1	599.97	590.37	601.67	597.34	1.02	ppb
Barium	137-1	609.34	601.16	599.65	603.38	0.86	ppb
Beryllium	9-1	121.98	121.98	120.89	121.62	0.52	ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Boron	10-1	112.78	114.94	124.27	117.33	5.20	ppb
Boron	11-1	111.82	118.38	120.35	116.85	3.82	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	124.30	123.59	125.05	124.31	0.59	ppb
Cadmium	106-1	128.30	124.27	124.16	125.58	1.88	ppb
Cadmium	108-1	127.92	122.03	126.91	125.62	2.51	ppb
Calcium	43-1	13332.27	13533.12	13736.12	13533.83	1.49	ppb
Calcium	44-1	13562.61	13608.61	13771.95	13647.72	0.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	130.62	126.36	147.07	134.68	8.12	ppb
Cobalt	59-2	131.42	126.75	147.47	135.22	8.04	ppb
Copper	63-2	1334.79	1284.87	1503.06	1374.24	8.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				99		%
Indium	115-1				101		%
Indium	115-2				96		%
Iron	56-2	6480.74	6222.51	7346.85	6683.37	8.81	ppb
Iron	57-2	6667.04	6482.95	7508.47	6886.15	7.94	ppb

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 14:15:45	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	6942.30	6653.94	7821.79	7139.35	8.52	ppb
Krypton	83-1						cps
Lead	206-1	553.33	549.61	545.97	549.64	0.67	ppb
Lead	207-1	543.94	545.32	542.14	543.80	0.29	ppb
Lead	208-1	550.13	549.99	549.11	549.74	0.10	ppb
Lithium	6-1				102		%
Magnesium	24-2	13875.13	13360.10	15752.82	14329.35	8.79	ppb
Manganese	55-2	1323.37	1282.11	1502.93	1369.47	8.57	ppb
Molybdenum	94-1	616.09	607.19	610.58	611.29	0.74	ppb
Molybdenum	95-1	614.94	610.70	610.87	612.17	0.39	ppb
Molybdenum	96-1	617.82	610.60	613.74	614.06	0.59	ppb
Molybdenum	97-1	611.66	606.69	608.05	608.80	0.42	ppb
Molybdenum	98-1	615.01	612.59	618.99	615.53	0.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	133.02	129.39	150.23	137.55	8.10	ppb
Phosphorus	31-2	2707.08	2490.05	2918.11	2705.08	7.91	ppb
Potassium	39-2	6982.45	6713.99	7858.45	7184.96	8.33	ppb
Rhodium	103-1				100		%
Rhodium	103-2				95		%
Scandium	45-1				100		%
Scandium	45-2				94		%
Selenium	82-1	120.54	121.54	120.41	120.83	0.51	ppb
Selenium	77-2	141.92	139.23	143.46	141.54	1.51	ppb
Selenium	78-2	132.42	124.69	148.37	135.16	8.93	ppb
Silicon	28-1	128.25	130.49	132.81	130.52	1.75	ppb
Silver	107-1	127.21	125.86	127.15	126.74	0.60	ppb
Silver	109-1	129.21	125.15	126.63	127.00	1.62	ppb
Sodium	23-2	13054.24	12781.02	14871.63	13568.96	8.37	ppb
Strontium	86-1	120.15	119.71	118.53	119.46	0.70	ppb
Strontium	88-1	120.79	120.26	121.00	120.69	0.32	ppb
Sulfur	34-1	2968.07	2773.24	2902.79	2881.37	3.44	ppb
Terbium	159-1				102		%
Terbium	159-2				98		%
Thallium	203-1	115.96	116.00	115.94	115.97	0.03	ppb
Thallium	205-1	111.20	111.88	111.57	111.55	0.31	ppb

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 14:15:45	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	104.18	104.56	103.00	103.91	0.79	ppb
Tin	118-1	122.64	120.69	122.02	121.78	0.82	ppb
Titanium	47-1	580.17	580.80	587.39	582.79	0.69	ppb
Uranium	238-1	105.70	105.48	104.83	105.34	0.43	ppb
Vanadium	51-2	128.29	123.87	144.67	132.28	8.28	ppb
Yttrium	89-1				101		%
Yttrium	89-2				96		%
Zinc	66-2	1305.38	1259.49	1472.64	1345.84	8.34	ppb
Zirconium	90-1	120.86	120.65	121.09	120.86	0.18	ppb
Zirconium	91-1	118.99	118.78	118.92	118.90	0.09	ppb

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 14:18:49	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5325.98	5226.32	5254.88	5269.06	0.97	ppb
Antimony	121-1	244.02	243.49	244.66	244.06	0.24	ppb
Arsenic	75-2	262.17	261.04	258.88	260.70	0.64	ppb
Barium	135-1	1202.17	1206.86	1202.54	1203.86	0.22	ppb
Barium	137-1	1214.01	1198.93	1205.61	1206.18	0.63	ppb
Beryllium	9-1	244.18	242.18	243.29	243.22	0.41	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Boron	10-1	229.99	235.03	239.61	234.87	2.05	ppb
Boron	11-1	231.41	239.67	245.76	238.94	3.01	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	247.57	243.69	249.57	246.94	1.21	ppb
Cadmium	106-1	249.71	238.27	248.89	245.62	2.60	ppb
Cadmium	108-1	247.58	249.27	245.46	247.44	0.77	ppb
Calcium	43-1	27518.93	27616.13	27918.17	27684.41	0.75	ppb
Calcium	44-1	25010.99	25563.34	25491.30	25355.21	1.18	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	260.97	260.21	258.89	260.02	0.40	ppb
Cobalt	59-2	265.35	261.40	260.46	262.40	0.99	ppb
Copper	63-2	2654.02	2613.98	2669.28	2645.76	1.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				95		%
Iron	56-2	13125.16	13054.93	12929.83	13036.64	0.76	ppb
Iron	57-2	13546.79	13403.31	13392.53	13447.54	0.64	ppb

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 14:18:49	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	14107.44	13874.46	13918.25	13966.72	0.89	ppb
Krypton	83-1						cps
Lead	206-1	1113.83	1130.83	1122.54	1122.40	0.76	ppb
Lead	207-1	1103.37	1113.16	1118.29	1111.61	0.68	ppb
Lead	208-1	1140.69	1141.63	1154.23	1145.52	0.66	ppb
Lithium	6-1				100		%
Magnesium	24-2	26445.10	26099.23	26369.61	26304.65	0.69	ppb
Manganese	55-2	2682.51	2670.03	2665.71	2672.75	0.33	ppb
Molybdenum	94-1	1228.15	1243.73	1238.98	1236.95	0.65	ppb
Molybdenum	95-1	1225.58	1256.54	1228.31	1236.81	1.39	ppb
Molybdenum	96-1	1232.03	1264.27	1234.05	1243.45	1.45	ppb
Molybdenum	97-1	1220.42	1240.04	1223.84	1228.10	0.85	ppb
Molybdenum	98-1	1184.52	1200.35	1187.34	1190.74	0.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	267.70	266.40	263.87	265.99	0.73	ppb
Phosphorus	31-2	5181.97	5275.38	5159.89	5205.74	1.18	ppb
Potassium	39-2	14062.29	13947.18	13899.25	13969.57	0.60	ppb
Rhodium	103-1				96		%
Rhodium	103-2				94		%
Scandium	45-1				96		%
Scandium	45-2				94		%
Selenium	82-1	241.07	246.27	239.90	242.41	1.40	ppb
Selenium	77-2	280.07	245.12	244.22	256.47	7.97	ppb
Selenium	78-2	255.32	258.17	254.59	256.03	0.74	ppb
Silicon	28-1	260.19	268.69	265.08	264.66	1.61	ppb
Silver	107-1	250.99	250.46	252.32	251.26	0.38	ppb
Silver	109-1	251.26	251.61	250.87	251.24	0.15	ppb
Sodium	23-2	26800.04	26248.83	26465.00	26504.62	1.05	ppb
Strontium	86-1	237.88	245.33	238.08	240.43	1.77	ppb
Strontium	88-1	244.43	248.59	243.33	245.45	1.13	ppb
Sulfur	34-1	5288.82	5729.68	5442.06	5486.85	4.08	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	232.03	234.27	236.75	234.35	1.01	ppb
Thallium	205-1	225.95	228.63	228.06	227.55	0.62	ppb

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 14:18:49	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	214.94	215.33	216.06	215.44	0.26	ppb
Tin	118-1	242.31	243.20	244.52	243.34	0.46	ppb
Titanium	47-1	1172.89	1188.21	1188.32	1183.14	0.75	ppb
Uranium	238-1	215.48	218.37	213.97	215.94	1.04	ppb
Vanadium	51-2	258.73	256.43	258.24	257.80	0.47	ppb
Yttrium	89-1				99		%
Yttrium	89-2				95		%
Zinc	66-2	2631.33	2604.61	2607.26	2614.40	0.56	ppb
Zirconium	90-1	243.23	246.28	243.62	244.37	0.68	ppb
Zirconium	91-1	240.16	241.19	237.56	239.64	0.78	ppb

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 14:21:52	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10756.53	10550.04	10580.57	10629.05	1.05	ppb
Antimony	121-1	484.85	484.32	480.49	483.22	0.49	ppb
Arsenic	75-2	525.79	518.64	516.77	520.40	0.91	ppb
Barium	135-1	2382.65	2400.60	2381.73	2388.33	0.45	ppb
Barium	137-1	2381.13	2422.67	2379.88	2394.56	1.02	ppb
Beryllium	9-1	483.43	489.87	480.89	484.73	0.96	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Boron	10-1	455.38	479.99	492.45	475.94	3.96	ppb
Boron	11-1	452.39	477.68	492.28	474.12	4.26	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	487.74	484.83	481.69	484.75	0.62	ppb
Cadmium	106-1	485.37	482.88	485.19	484.48	0.29	ppb
Cadmium	108-1	488.27	483.69	479.11	483.69	0.95	ppb
Calcium	43-1	54435.35	55339.61	55058.14	54944.37	0.84	ppb
Calcium	44-1	50138.11	50457.12	50212.60	50269.28	0.33	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	531.46	516.81	519.07	522.45	1.51	ppb
Cobalt	59-2	532.95	518.57	521.99	524.50	1.43	ppb
Copper	63-2	5401.65	5222.15	5221.77	5281.85	1.96	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				103		%
Holmium	165-2				100		%
Indium	115-1				96		%
Indium	115-2				93		%
Iron	56-2	26655.59	26345.75	26070.26	26357.20	1.11	ppb
Iron	57-2	27237.71	26693.66	26830.44	26920.60	1.05	ppb

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 14:21:52	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	28209.77	27815.77	28009.06	28011.53	0.70	ppb
Krypton	83-1						cps
Lead	206-1	2356.58	2395.68	2392.82	2381.69	0.91	ppb
Lead	207-1	2391.76	2372.57	2402.44	2388.92	0.63	ppb
Lead	208-1	2373.97	2361.85	2385.56	2373.79	0.50	ppb
Lithium	6-1				99		%
Magnesium	24-2	53274.53	51736.03	52571.96	52527.51	1.47	ppb
Manganese	55-2	5230.68	5236.12	5235.06	5233.95	0.06	ppb
Molybdenum	94-1	2387.91	2405.02	2406.61	2399.85	0.43	ppb
Molybdenum	95-1	2394.23	2390.90	2365.18	2383.44	0.67	ppb
Molybdenum	96-1	2361.17	2422.31	2360.53	2381.34	1.49	ppb
Molybdenum	97-1	2441.08	2489.43	2457.69	2462.73	1.00	ppb
Molybdenum	98-1	2350.65	2396.15	2377.34	2374.71	0.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	535.44	523.45	525.15	528.01	1.23	ppb
Phosphorus	31-2	10503.23	10239.42	10152.55	10298.40	1.77	ppb
Potassium	39-2	26290.60	25733.93	25546.86	25857.13	1.50	ppb
Rhodium	103-1				94		%
Rhodium	103-2				93		%
Scandium	45-1				94		%
Scandium	45-2				93		%
Selenium	82-1	474.33	479.87	478.47	477.55	0.60	ppb
Selenium	77-2	538.01	520.56	516.91	525.16	2.15	ppb
Selenium	78-2	527.52	527.79	518.08	524.46	1.05	ppb
Silicon	28-1	502.38	509.18	504.69	505.42	0.68	ppb
Silver	107-1	490.37	490.64	489.57	490.19	0.11	ppb
Silver	109-1	490.95	488.58	486.61	488.71	0.44	ppb
Sodium	23-2	53412.92	52080.36	52482.65	52658.64	1.30	ppb
Strontium	86-1	478.40	480.45	477.16	478.67	0.35	ppb
Strontium	88-1	476.04	480.19	476.81	477.68	0.46	ppb
Sulfur	34-1	9439.02	9164.01	8875.53	9159.52	3.08	ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	465.60	481.53	470.97	472.70	1.72	ppb
Thallium	205-1	480.57	483.85	480.90	481.77	0.37	ppb

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 14:21:52	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	470.68	467.61	470.97	469.75	0.40	ppb
Tin	118-1	479.14	483.94	479.04	480.71	0.58	ppb
Titanium	47-1	2364.87	2370.18	2357.27	2364.11	0.27	ppb
Uranium	238-1	474.87	467.29	474.06	472.07	0.88	ppb
Vanadium	51-2	526.67	514.70	516.23	519.20	1.25	ppb
Yttrium	89-1				98		%
Yttrium	89-2				94		%
Zinc	66-2	5331.05	5215.61	5255.00	5267.22	1.11	ppb
Zirconium	90-1	489.18	493.92	488.18	490.43	0.62	ppb
Zirconium	91-1	475.61	481.45	475.47	477.51	0.71	ppb

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 14:24:47	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19845.51	19633.53	20746.57	20075.20	2.94	ppb
Antimony	121-1	941.48	932.76	1156.80	1010.35	12.56	ppb
Arsenic	75-2	971.39	966.35	1020.32	986.02	3.02	ppb
Barium	135-1	4781.34	4664.67	5767.46	5071.16	11.95	ppb
Barium	137-1	4744.82	4647.21	5808.07	5066.70	12.71	ppb
Beryllium	9-1	945.17	951.76	1132.37	1009.77	10.52	ppb
Bismuth	209-1				95		%
Bismuth	209-2				101		%
Boron	10-1	933.49	965.62	1151.66	1016.92	11.58	ppb
Boron	11-1	926.26	964.46	1159.67	1016.80	12.31	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	939.77	928.43	1157.12	1008.44	12.78	ppb
Cadmium	106-1	951.74	927.05	1147.55	1008.78	11.98	ppb
Cadmium	108-1	939.22	939.52	1147.44	1008.73	11.91	ppb
Calcium	43-1	109230.00	109501.16	133120.30	117283.82	11.69	ppb
Calcium	44-1	99448.00	99762.71	121808.82	107006.51	11.98	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	974.96	963.71	1016.18	984.95	2.80	ppb
Cobalt	59-2	976.97	958.01	1014.72	983.23	2.94	ppb
Copper	63-2	9697.70	9602.99	10114.89	9805.19	2.78	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				104		%
Indium	115-1				89		%
Indium	115-2				95		%
Iron	56-2	48809.61	48119.62	50925.20	49284.81	2.97	ppb
Iron	57-2	50246.33	49572.72	52688.64	50835.90	3.23	ppb

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 14:24:47	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	49774.71	49093.88	51758.05	50208.88	2.76	ppb
Krypton	83-1						cps
Lead	206-1	4674.78	4783.29	5847.95	5102.01	12.71	ppb
Lead	207-1	4705.45	4703.79	5896.52	5101.92	13.49	ppb
Lead	208-1	4686.85	4730.07	5883.77	5100.23	13.31	ppb
Lithium	6-1				93		%
Magnesium	24-2	97049.88	95998.01	101441.52	98163.14	2.94	ppb
Manganese	55-2	9737.05	9552.40	10180.35	9823.26	3.29	ppb
Molybdenum	94-1	4678.96	4768.78	5718.05	5055.26	11.39	ppb
Molybdenum	95-1	4699.43	4724.97	5765.81	5063.40	12.02	ppb
Molybdenum	96-1	4734.85	4716.21	5736.58	5062.55	11.53	ppb
Molybdenum	97-1	4702.61	4666.01	5710.92	5026.51	11.80	ppb
Molybdenum	98-1	4693.06	4746.37	5797.15	5078.86	12.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	973.00	956.93	1010.76	980.23	2.82	ppb
Phosphorus	31-2	19445.93	19566.31	20305.20	19772.48	2.35	ppb
Potassium	39-2	48079.44	47859.19	50039.38	48659.33	2.47	ppb
Rhodium	103-1				87		%
Rhodium	103-2				94		%
Scandium	45-1				87		%
Scandium	45-2				96		%
Selenium	82-1	938.81	949.94	1152.39	1013.71	11.86	ppb
Selenium	77-2	975.58	958.97	1016.55	983.70	3.01	ppb
Selenium	78-2	972.52	956.92	1025.04	984.83	3.62	ppb
Silicon	28-1	904.35	922.20	1151.25	992.60	13.87	ppb
Silver	107-1	941.41	929.77	1141.66	1004.28	11.86	ppb
Silver	109-1	931.85	927.75	1155.42	1005.01	12.96	ppb
Sodium	23-2	98234.79	96661.42	103307.76	99401.32	3.49	ppb
Strontium	86-1	940.14	948.62	1152.71	1013.82	11.87	ppb
Strontium	88-1	939.18	941.93	1157.56	1012.89	12.37	ppb
Sulfur	34-1	17869.09	17657.13	25150.90	20225.71	21.10	ppb
Terbium	159-1				98		%
Terbium	159-2				103		%
Thallium	203-1	939.89	946.68	1170.10	1018.89	12.86	ppb
Thallium	205-1	935.32	946.19	1168.48	1016.66	12.94	ppb

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 14:24:47	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	957.42	950.56	1172.60	1026.86	12.30	ppb
Tin	118-1	938.90	933.17	1163.05	1011.70	12.96	ppb
Titanium	47-1	4734.50	4736.05	5801.47	5090.67	12.09	ppb
Uranium	238-1	945.03	950.96	1180.14	1025.37	13.07	ppb
Vanadium	51-2	979.29	965.68	1017.44	987.47	2.72	ppb
Yttrium	89-1				92		%
Yttrium	89-2				98		%
Zinc	66-2	9726.66	9614.10	10133.00	9824.59	2.78	ppb
Zirconium	90-1	943.28	940.50	1136.66	1006.81	11.17	ppb
Zirconium	91-1	944.54	953.76	1145.99	1014.76	11.21	ppb

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 14:27:44	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	101223.25	99295.22	99188.35	99902.28	1.15	ppb
Antimony	121-1	0.65	0.60	0.64	0.63	4.10	ppb
Arsenic	75-2	0.39	0.45	0.50	0.45	11.99	ppb
Barium	135-1	1.87	1.86	1.80	1.84	2.06	ppb
Barium	137-1	2.03	1.98	1.89	1.97	3.74	ppb
Beryllium	9-1	0.20	0.19	0.17	0.19	8.11	ppb
Bismuth	209-1				91		%
Bismuth	209-2				90		%
Boron	10-1	37.24	33.54	29.78	33.52	11.12	ppb
Boron	11-1	36.84	32.61	28.44	32.63	12.87	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.48	0.41	0.40	0.43	11.17	ppb
Cadmium	106-1	0.80	0.41	1.33	0.85	54.58	ppb
Cadmium	108-1	0.53	0.59	1.14	0.75	44.75	ppb
Calcium	43-1	496833.49	499268.57	491549.91	495883.99	0.80	ppb
Calcium	44-1	498432.54	501793.28	495335.64	498520.49	0.65	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6.33	6.35	6.23	6.30	1.05	ppb
Cobalt	59-2	1.56	1.57	1.50	1.54	2.28	ppb
Copper	63-2	5.90	6.10	5.72	5.91	3.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				98		%
Indium	115-1				91		%
Indium	115-2				92		%
Iron	56-2	253163.68	250198.78	246543.05	249968.50	1.33	ppb
Iron	57-2	251373.74	249090.71	248262.66	249575.71	0.65	ppb

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 14:27:44	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	250962.50	249968.46	247745.10	249558.69	0.66	ppb
Krypton	83-1						cps
Lead	206-1	9.81	9.76	9.77	9.78	0.28	ppb
Lead	207-1	9.75	9.60	9.76	9.70	0.95	ppb
Lead	208-1	9.65	9.74	9.75	9.71	0.59	ppb
Lithium	6-1				96		%
Magnesium	24-2	503360.19	501878.82	494755.14	499998.05	0.92	ppb
Manganese	55-2	6.88	6.70	6.61	6.73	2.06	ppb
Molybdenum	94-1	1.92	1.91	1.82	1.88	2.99	ppb
Molybdenum	95-1	2.04	1.96	1.97	1.99	2.05	ppb
Molybdenum	96-1	2.29	2.12	2.22	2.21	3.93	ppb
Molybdenum	97-1	1.93	1.82	1.94	1.90	3.45	ppb
Molybdenum	98-1	2.04	1.85	1.85	1.91	5.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.85	4.73	4.59	4.72	2.83	ppb
Phosphorus	31-2	-1.92	-11.69	16.64	1.01	1426.52	ppb
Potassium	39-2	251359.67	250927.67	247960.22	250082.52	0.74	ppb
Rhodium	103-1				87		%
Rhodium	103-2				87		%
Scandium	45-1				93		%
Scandium	45-2				94		%
Selenium	82-1	0.50	0.53	0.66	0.56	14.88	ppb
Selenium	77-2	0.79	0.78	1.18	0.92	24.83	ppb
Selenium	78-2	0.11	-1.13	0.02	-0.33		ppb
Silicon	28-1	44.01	47.41	47.49	46.30	4.29	ppb
Silver	107-1	0.38	0.36	0.33	0.36	6.13	ppb
Silver	109-1	0.38	0.38	0.34	0.37	5.98	ppb
Sodium	23-2	500319.76	503491.32	495425.91	499745.66	0.81	ppb
Strontium	86-1	5.16	5.38	5.32	5.29	2.11	ppb
Strontium	88-1	5.61	5.61	5.73	5.65	1.20	ppb
Sulfur	34-1	-541.65	-447.62	-302.65	-430.64		ppb
Terbium	159-1				98		%
Terbium	159-2				97		%
Thallium	203-1	0.37	0.30	0.23	0.30	22.49	ppb
Thallium	205-1	0.28	0.20	0.21	0.23	18.05	ppb

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 14:27:44	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.17	0.15	0.14	0.16	11.55	ppb
Tin	118-1	0.48	0.59	0.50	0.52	10.83	ppb
Titanium	47-1	1.03	0.94	0.86	0.95	8.95	ppb
Uranium	238-1	-0.03	-0.06	-0.05	-0.04		ppb
Vanadium	51-2	0.17	0.18	0.17	0.18	3.27	ppb
Yttrium	89-1				96		%
Yttrium	89-2				96		%
Zinc	66-2	15.41	14.80	14.51	14.90	3.08	ppb
Zirconium	90-1	0.36	0.33	0.32	0.34	6.08	ppb
Zirconium	91-1	0.34	0.33	0.30	0.32	6.25	ppb

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 15:20:44	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	542.51	540.67	509.10	530.76	3.54	ppb
Antimony	121-1	188.73	190.62	189.48	189.61	0.50	ppb
Arsenic	75-2	215.62	213.25	204.95	211.27	2.65	ppb
Barium	135-1	95.64	95.67	94.33	95.21	0.80	ppb
Barium	137-1	94.83	96.18	95.30	95.44	0.72	ppb
Beryllium	9-1	94.69	94.73	95.53	94.98	0.50	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	10-1	452.21	466.66	473.74	464.21	2.36	ppb
Boron	11-1	452.94	465.51	476.27	464.91	2.51	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	100.86	102.80	101.49	101.71	0.97	ppb
Cadmium	106-1	175.51	180.26	173.90	176.55	1.87	ppb
Cadmium	108-1	164.83	161.28	155.38	160.49	2.97	ppb
Calcium	43-1	2299.21	2347.31	2365.54	2337.35	1.47	ppb
Calcium	44-1	2188.00	2203.98	2205.48	2199.16	0.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	106.17	105.18	101.11	104.16	2.57	ppb
Cobalt	59-2	108.10	107.44	102.13	105.89	3.09	ppb
Copper	63-2	111.90	111.11	107.42	110.14	2.17	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				97		%
Indium	115-2				95		%
Iron	56-2	2176.16	2161.89	2078.95	2139.00	2.45	ppb
Iron	57-2	2131.10	2128.63	2024.12	2094.62	2.92	ppb

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 15:20:44	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2274.58	2243.35	2125.30	2214.41	3.56	ppb
Krypton	83-1						cps
Lead	206-1	206.99	208.24	209.08	208.10	0.51	ppb
Lead	207-1	191.50	195.44	194.34	193.76	1.05	ppb
Lead	208-1	199.29	201.14	200.99	200.47	0.51	ppb
Lithium	6-1				100		%
Magnesium	24-2	1278.79	1287.72	1241.39	1269.30	1.94	ppb
Manganese	55-2	106.61	104.85	101.54	104.33	2.47	ppb
Molybdenum	94-1	2343.72	2312.62	2310.44	2322.26	0.80	ppb
Molybdenum	95-1	2344.67	2310.93	2322.13	2325.91	0.74	ppb
Molybdenum	96-1	2343.04	2338.36	2326.95	2336.12	0.35	ppb
Molybdenum	97-1	2413.95	2411.53	2397.04	2407.51	0.38	ppb
Molybdenum	98-1	2360.75	2313.86	2323.46	2332.69	1.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	112.13	109.09	104.88	108.70	3.35	ppb
Phosphorus	31-2	28.25	8.14	2.14	12.85	106.45	ppb
Potassium	39-2	2162.96	2162.33	2041.73	2122.34	3.29	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				96		%
Scandium	45-2				95		%
Selenium	82-1	193.91	194.52	195.58	194.67	0.43	ppb
Selenium	77-2	211.17	206.06	205.27	207.50	1.54	ppb
Selenium	78-2	213.98	218.29	201.54	211.27	4.12	ppb
Silicon	28-1	460.56	459.17	469.61	463.11	1.22	ppb
Silver	107-1	48.67	49.13	48.48	48.76	0.69	ppb
Silver	109-1	47.68	48.18	47.97	47.94	0.52	ppb
Sodium	23-2	2247.92	2232.62	2158.33	2212.96	2.17	ppb
Strontium	86-1	480.77	476.11	472.76	476.55	0.84	ppb
Strontium	88-1	475.18	473.24	476.78	475.07	0.37	ppb
Sulfur	34-1	-1525.11	-1673.73	-1681.54	-1626.79		ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	206.86	204.63	208.23	206.57	0.88	ppb
Thallium	205-1	208.96	206.27	208.05	207.76	0.66	ppb

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 15:20:44	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	34.42	34.69	34.73	34.62	0.49	ppb
Tin	118-1	462.18	465.35	459.34	462.29	0.65	ppb
Titanium	47-1	2312.68	2294.99	2322.49	2310.06	0.60	ppb
Uranium	238-1	497.36	497.61	495.43	496.80	0.24	ppb
Vanadium	51-2	103.25	101.63	97.54	100.81	2.92	ppb
Yttrium	89-1				98		%
Yttrium	89-2				95		%
Zinc	66-2	207.29	205.17	197.84	203.43	2.44	ppb
Zirconium	90-1	469.57	468.90	471.27	469.91	0.26	ppb
Zirconium	91-1	462.76	455.14	455.29	457.73	0.95	ppb

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 15:39:24	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.59	20.51	21.52	21.20	2.85	ppb
Antimony	121-1	1.90	1.91	1.93	1.91	0.85	ppb
Arsenic	75-2	1.04	0.92	0.95	0.97	6.21	ppb
Barium	135-1	9.07	9.33	9.70	9.37	3.42	ppb
Barium	137-1	9.05	9.50	9.20	9.25	2.53	ppb
Beryllium	9-1	0.99	0.95	0.89	0.94	5.73	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Boron	10-1	23.11	24.37	25.52	24.33	4.95	ppb
Boron	11-1	23.51	24.94	25.98	24.81	4.99	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.79	0.85	0.88	0.84	5.60	ppb
Cadmium	106-1	-0.05	-1.62	-1.63	-1.10		ppb
Cadmium	108-1	0.79	0.80	0.80	0.80	1.12	ppb
Calcium	43-1	517.61	524.69	530.66	524.32	1.25	ppb
Calcium	44-1	530.74	528.16	532.08	530.33	0.38	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.12	2.10	2.11	2.11	0.34	ppb
Cobalt	59-2	1.10	1.04	1.00	1.05	4.63	ppb
Copper	63-2	2.00	1.88	1.91	1.93	3.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	52.46	52.61	51.24	52.11	1.44	ppb
Iron	57-2	54.18	51.85	52.05	52.69	2.45	ppb

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 15:39:24	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	59.21	56.89	57.42	57.84	2.10	ppb
Krypton	83-1						cps
Lead	206-1	0.88	0.86	0.90	0.88	2.05	ppb
Lead	207-1	0.86	0.92	0.85	0.88	4.39	ppb
Lead	208-1	0.88	0.84	0.88	0.87	2.54	ppb
Lithium	6-1				98		%
Magnesium	24-2	516.14	526.70	514.92	519.25	1.25	ppb
Manganese	55-2	1.04	1.06	1.05	1.05	0.59	ppb
Molybdenum	94-1	4.72	4.70	4.74	4.72	0.44	ppb
Molybdenum	95-1	4.86	4.69	4.75	4.77	1.80	ppb
Molybdenum	96-1	4.78	4.51	4.77	4.69	3.25	ppb
Molybdenum	97-1	4.75	4.49	4.73	4.66	3.15	ppb
Molybdenum	98-1	4.72	4.69	4.69	4.70	0.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.00	0.97	1.09	1.02	6.37	ppb
Phosphorus	31-2	4.17	-2.80	5.80	2.39	191.07	ppb
Potassium	39-2	540.15	526.54	528.88	531.86	1.37	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	5.08	5.62	5.83	5.51	7.08	ppb
Selenium	77-2	4.23	5.32	3.77	4.44	17.87	ppb
Selenium	78-2	4.49	5.87	4.36	4.91	17.10	ppb
Silicon	28-1	2.80	3.86	5.66	4.11	35.17	ppb
Silver	107-1	0.98	0.96	0.94	0.96	2.19	ppb
Silver	109-1	0.94	0.94	0.92	0.93	1.36	ppb
Sodium	23-2	554.47	548.06	544.87	549.13	0.89	ppb
Strontium	86-1	0.84	1.07	0.81	0.91	15.64	ppb
Strontium	88-1	1.06	0.97	0.99	1.00	4.60	ppb
Sulfur	34-1	-461.33	-767.92	-672.80	-634.01		ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	0.80	0.84	0.78	0.81	3.90	ppb
Thallium	205-1	0.81	0.82	0.81	0.81	0.53	ppb

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 15:39:24	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	4.78	4.81	4.84	4.81	0.59	ppb
Titanium	47-1	4.46	4.96	4.73	4.72	5.32	ppb
Uranium	238-1	0.91	0.92	0.88	0.91	2.30	ppb
Vanadium	51-2	5.12	5.06	5.06	5.08	0.67	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	2.00	2.06	2.14	2.07	3.48	ppb
Zirconium	90-1	0.95	0.96	0.89	0.93	4.17	ppb
Zirconium	91-1	0.95	0.95	0.93	0.94	1.19	ppb

LB Number : LB113411 Operator : JASWAL
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-04 15:42:31 DataFile Name : 015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.45	-0.37	-0.12	-0.31		ppb
Antimony	121-1	0.00	0.00	0.00	0.00	10.90	ppb
Arsenic	75-2	0.02	-0.02	0.00	0.00		ppb
Barium	135-1	0.01	0.00	-0.01	0.00	654.50	ppb
Barium	137-1	0.00	0.01	0.02	0.01	108.17	ppb
Beryllium	9-1	0.02	0.00	0.02	0.01	114.19	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	2.05	2.17	2.24	2.15	4.51	ppb
Boron	11-1	1.56	1.15	1.46	1.39	15.33	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.01	-0.01	0.04	0.01	475.10	ppb
Cadmium	106-1	-0.23	-0.26	0.70	0.07	763.49	ppb
Cadmium	108-1	0.03	0.09	0.07	0.06	50.97	ppb
Calcium	43-1	-1.66	-3.02	-1.73	-2.14		ppb
Calcium	44-1	-1.61	-0.36	0.72	-0.42		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	0.01	-0.01	0.00		ppb
Cobalt	59-2	0.00	0.00	-0.01	-0.01		ppb
Copper	63-2	-0.07	-0.08	-0.16	-0.10		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				100		%
Iron	56-2	-1.03	-1.12	-1.11	-1.08		ppb
Iron	57-2	-2.09	-1.17	-0.69	-1.32		ppb

LB Number : LB113411 Operator : JASWAL
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-04 15:42:31 DataFile Name : 015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	-0.81	-0.69	-1.71	-1.07		ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.03	0.02	0.02	11.76	ppb
Lead	207-1	0.01	0.04	0.02	0.02	79.08	ppb
Lead	208-1	0.01	0.02	0.01	0.02	37.84	ppb
Lithium	6-1				100		%
Magnesium	24-2	-1.59	-1.51	-1.71	-1.60		ppb
Manganese	55-2	0.00	-0.01	-0.02	-0.01		ppb
Molybdenum	94-1	0.01	0.01	0.00	0.00	154.74	ppb
Molybdenum	95-1	-0.01	0.01	0.01	0.00	222.57	ppb
Molybdenum	96-1	0.02	0.01	0.00	0.01	123.84	ppb
Molybdenum	97-1	0.00	0.00	0.02	0.00	206.98	ppb
Molybdenum	98-1	0.02	0.00	0.02	0.01	84.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.03	-0.01	-0.03		ppb
Phosphorus	31-2	11.60	-16.97	-16.43	-7.27		ppb
Potassium	39-2	5.15	14.23	18.05	12.48	53.12	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	82-1	0.16	0.56	0.52	0.41	53.57	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.72	-1.10	-1.03	-0.95		ppb
Silicon	28-1	-5.02	-6.91	-4.99	-5.64		ppb
Silver	107-1	0.00	0.00	0.00	0.00	261.47	ppb
Silver	109-1	0.01	0.01	0.00	0.01	49.07	ppb
Sodium	23-2	7.19	7.01	6.21	6.80	7.64	ppb
Strontium	86-1	-0.03	-0.04	-0.04	-0.04		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	31.93	-160.87	-52.74	-60.56		ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	-0.10	-0.09	-0.10	-0.10		ppb
Thallium	205-1	-0.10	-0.09	-0.09	-0.10		ppb

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 15:42:31	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	-0.01	0.01	0.02	0.01	167.53	ppb
Titanium	47-1	0.05	0.03	0.02	0.04	48.14	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	36.90	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	0.03	-0.03	-0.07	-0.02		ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb
Zirconium	91-1	0.01	0.04	0.00	0.02	130.81	ppb

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 15:45:37	DataFile Name :	016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	94405.96	94205.83	92596.97	93736.25	1.06	ppb
Antimony	121-1	1.04	1.04	1.00	1.02	2.29	ppb
Arsenic	75-2	0.30	0.38	0.30	0.33	15.16	ppb
Barium	135-1	1.30	1.30	1.25	1.28	2.42	ppb
Barium	137-1	1.29	1.35	1.22	1.28	4.99	ppb
Beryllium	9-1	0.29	0.28	0.28	0.28	1.48	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	10-1	2.28	1.80	1.27	1.78	28.33	ppb
Boron	11-1	1.39	1.56	1.57	1.51	6.60	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.54	0.55	0.65	0.58	10.45	ppb
Cadmium	106-1	-1.92	-1.64	-1.43	-1.66		ppb
Cadmium	108-1	17.40	16.84	15.57	16.60	5.67	ppb
Calcium	43-1	101489.06	102906.39	103215.09	102536.84	0.90	ppb
Calcium	44-1	94144.54	95277.55	94967.28	94796.46	0.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	20.00	19.79	19.58	19.79	1.06	ppb
Cobalt	59-2	1.14	1.12	1.12	1.13	1.00	ppb
Copper	63-2	8.19	8.31	8.13	8.21	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				106		%
Holmium	165-2				103		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	56-2	98857.74	97803.55	98647.48	98436.26	0.57	ppb
Iron	57-2	98485.56	96397.42	97436.35	97439.78	1.07	ppb

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 15:45:37	DataFile Name :	016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	100091.71	97911.96	97227.26	98410.31	1.52	ppb
Krypton	83-1						cps
Lead	206-1	4.12	4.09	4.11	4.11	0.35	ppb
Lead	207-1	3.66	3.71	3.52	3.63	2.69	ppb
Lead	208-1	3.85	3.80	3.74	3.80	1.47	ppb
Lithium	6-1				101		%
Magnesium	24-2	94996.56	94795.42	94396.92	94729.64	0.32	ppb
Manganese	55-2	7.91	7.54	7.74	7.73	2.40	ppb
Molybdenum	94-1	1265.72	1262.33	1264.80	1264.28	0.14	ppb
Molybdenum	95-1	1737.74	1743.98	1714.99	1732.24	0.88	ppb
Molybdenum	96-1	1679.05	1674.45	1656.64	1670.04	0.71	ppb
Molybdenum	97-1	1791.07	1770.77	1760.86	1774.23	0.87	ppb
Molybdenum	98-1	1741.08	1741.33	1738.33	1740.25	0.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.47	5.38	5.31	5.39	1.54	ppb
Phosphorus	31-2	98814.16	97558.35	97201.24	97857.92	0.87	ppb
Potassium	39-2	96255.88	95567.85	94754.04	95525.92	0.79	ppb
Rhodium	103-1				95		%
Rhodium	103-2				94		%
Scandium	45-1				98		%
Scandium	45-2				96		%
Selenium	82-1	-0.27	0.57	0.26	0.19	227.52	ppb
Selenium	77-2	1.15	0.38	0.38	0.64	69.50	ppb
Selenium	78-2	-0.36	-0.71	-0.61	-0.56		ppb
Silicon	28-1	10.05	9.83	11.37	10.42	7.97	ppb
Silver	107-1	0.02	0.02	0.02	0.02	22.45	ppb
Silver	109-1	0.02	0.02	0.03	0.03	14.22	ppb
Sodium	23-2	100784.15	100515.07	98843.31	100047.51	1.05	ppb
Strontium	86-1	33.44	33.19	33.02	33.22	0.63	ppb
Strontium	88-1	33.18	33.69	33.30	33.39	0.79	ppb
Sulfur	34-1	87910.59	87458.90	88123.62	87831.03	0.39	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	-0.04	-0.02	0.02	-0.01		ppb
Thallium	205-1	-0.04	-0.03	-0.01	-0.03		ppb

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 15:45:37	DataFile Name :	016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	-0.01	-0.01	0.00	-0.01		ppb
Tin	118-1	0.11	0.16	0.16	0.14	18.99	ppb
Titanium	47-1	1841.64	1847.69	1843.67	1844.33	0.17	ppb
Uranium	238-1	-0.08	-0.07	-0.08	-0.07		ppb
Vanadium	51-2	0.17	0.15	0.15	0.16	6.73	ppb
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	11.16	11.50	11.25	11.31	1.57	ppb
Zirconium	90-1	0.04	0.02	0.03	0.03	27.48	ppb
Zirconium	91-1	0.01	0.04	0.05	0.03	53.35	ppb

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 15:48:41	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	94868.48	95004.87	93141.88	94338.41	1.10	ppb
Antimony	121-1	19.33	19.23	19.83	19.46	1.65	ppb
Arsenic	75-2	20.43	20.31	20.40	20.38	0.30	ppb
Barium	135-1	19.92	19.99	19.11	19.68	2.49	ppb
Barium	137-1	19.28	19.29	19.74	19.43	1.35	ppb
Beryllium	9-1	18.17	18.03	17.67	17.96	1.42	ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Boron	10-1	47.54	48.51	47.90	47.99	1.02	ppb
Boron	11-1	49.33	49.55	49.05	49.31	0.51	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	18.57	18.28	19.08	18.64	2.17	ppb
Cadmium	106-1	22.19	23.95	20.53	22.22	7.68	ppb
Cadmium	108-1	34.72	36.85	35.17	35.58	3.16	ppb
Calcium	43-1	103547.32	103791.83	104034.07	103791.08	0.23	ppb
Calcium	44-1	96076.53	95039.89	95354.36	95490.26	0.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	39.67	39.51	39.16	39.45	0.66	ppb
Cobalt	59-2	21.51	21.30	21.01	21.28	1.18	ppb
Copper	63-2	28.84	29.08	29.00	28.97	0.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				102		%
Indium	115-1				98		%
Indium	115-2				95		%
Iron	56-2	98550.41	99824.90	99367.88	99247.73	0.65	ppb
Iron	57-2	97741.58	96718.41	98019.53	97493.17	0.70	ppb

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 15:48:41	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	99743.31	98129.41	96088.38	97987.03	1.87	ppb
Krypton	83-1						cps
Lead	206-1	21.63	22.08	21.92	21.88	1.04	ppb
Lead	207-1	20.06	20.16	19.70	19.97	1.22	ppb
Lead	208-1	20.70	20.87	20.50	20.69	0.90	ppb
Lithium	6-1				104		%
Magnesium	24-2	96459.99	94828.78	94636.49	95308.42	1.05	ppb
Manganese	55-2	28.09	27.65	27.52	27.75	1.08	ppb
Molybdenum	94-1	1370.43	1362.59	1355.74	1362.92	0.54	ppb
Molybdenum	95-1	1802.08	1760.23	1756.06	1772.79	1.44	ppb
Molybdenum	96-1	1735.44	1705.24	1717.38	1719.35	0.88	ppb
Molybdenum	97-1	1826.12	1804.36	1784.00	1804.82	1.17	ppb
Molybdenum	98-1	1787.35	1766.81	1742.34	1765.50	1.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.62	25.53	25.00	25.38	1.33	ppb
Phosphorus	31-2	97836.76	97900.33	97489.01	97742.03	0.23	ppb
Potassium	39-2	95967.74	95639.99	95832.13	95813.29	0.17	ppb
Rhodium	103-1				95		%
Rhodium	103-2				93		%
Scandium	45-1				97		%
Scandium	45-2				95		%
Selenium	82-1	19.18	18.00	18.53	18.57	3.17	ppb
Selenium	77-2	20.25	19.10	20.74	20.03	4.22	ppb
Selenium	78-2	17.25	19.05	20.28	18.86	8.08	ppb
Silicon	28-1	57.95	58.25	60.17	58.79	2.04	ppb
Silver	107-1	17.54	17.19	17.58	17.44	1.24	ppb
Silver	109-1	17.93	17.82	17.86	17.87	0.31	ppb
Sodium	23-2	102141.66	100635.83	99901.85	100893.11	1.13	ppb
Strontium	86-1	83.39	82.29	80.00	81.89	2.12	ppb
Strontium	88-1	83.85	84.16	82.75	83.59	0.89	ppb
Sulfur	34-1	87872.24	88305.51	88313.50	88163.75	0.29	ppb
Terbium	159-1				106		%
Terbium	159-2				100		%
Thallium	203-1	18.76	18.54	18.44	18.58	0.87	ppb
Thallium	205-1	18.48	18.37	18.25	18.37	0.61	ppb

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 15:48:41	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	3.73	3.79	3.68	3.73	1.53	ppb
Tin	118-1	46.70	47.04	47.62	47.12	0.99	ppb
Titanium	47-1	1881.42	1895.35	1901.97	1892.91	0.55	ppb
Uranium	238-1	51.05	50.83	49.59	50.49	1.56	ppb
Vanadium	51-2	20.00	19.85	19.85	19.90	0.43	ppb
Yttrium	89-1				101		%
Yttrium	89-2				96		%
Zinc	66-2	31.15	31.27	30.72	31.05	0.94	ppb
Zirconium	90-1	48.53	48.76	48.59	48.63	0.24	ppb
Zirconium	91-1	48.86	47.88	47.91	48.21	1.15	ppb

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	CCV01	Instrumnet Name :	P7
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 15:51:47	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48782.11	49038.27	49721.60	49180.66	0.99	ppb
Antimony	121-1	501.77	479.90	472.78	484.82	3.12	ppb
Arsenic	75-2	508.27	497.41	501.17	502.29	1.10	ppb
Barium	135-1	2470.24	2374.74	2346.58	2397.19	2.70	ppb
Barium	137-1	2539.21	2390.66	2355.76	2428.54	4.01	ppb
Beryllium	9-1	485.76	466.83	463.31	471.97	2.56	ppb
Bismuth	209-1				93		%
Bismuth	209-2				94		%
Boron	10-1	459.41	466.67	471.79	465.96	1.33	ppb
Boron	11-1	471.58	471.81	475.77	473.05	0.50	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	492.75	473.46	466.84	477.68	2.82	ppb
Cadmium	106-1	502.82	461.10	470.72	478.21	4.57	ppb
Cadmium	108-1	503.48	476.75	473.47	484.57	3.40	ppb
Calcium	43-1	294182.99	270541.78	260402.66	275042.48	6.30	ppb
Calcium	44-1	269805.50	249786.41	243233.68	254275.20	5.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	502.40	505.86	499.20	502.48	0.66	ppb
Cobalt	59-2	493.47	496.40	492.10	493.99	0.44	ppb
Copper	63-2	4954.43	4894.97	4891.00	4913.47	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				99		%
Holmium	165-2				100		%
Indium	115-1				90		%
Indium	115-2				92		%
Iron	56-2	124263.44	125096.78	124233.75	124531.32	0.39	ppb
Iron	57-2	122485.52	122299.84	122502.82	122429.39	0.09	ppb

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	CCV01	Instrumnet Name :	P7
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 15:51:47	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	124013.55	124004.61	123440.19	123819.45	0.27	ppb
Krypton	83-1						cps
Lead	206-1	2582.91	2461.21	2391.11	2478.41	3.92	ppb
Lead	207-1	2563.16	2455.06	2393.25	2470.49	3.48	ppb
Lead	208-1	2567.92	2427.65	2387.53	2461.04	3.85	ppb
Lithium	6-1				97		%
Magnesium	24-2	256056.29	256473.72	257717.41	256749.14	0.34	ppb
Manganese	55-2	4974.95	5015.58	5000.39	4996.97	0.41	ppb
Molybdenum	94-1	2541.57	2423.11	2378.07	2447.58	3.45	ppb
Molybdenum	95-1	2568.71	2429.25	2377.41	2458.46	4.02	ppb
Molybdenum	96-1	2564.20	2429.96	2370.79	2454.98	4.04	ppb
Molybdenum	97-1	2615.91	2463.76	2406.16	2495.28	4.34	ppb
Molybdenum	98-1	2561.66	2409.72	2325.14	2432.17	4.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	492.27	493.32	492.92	492.84	0.11	ppb
Phosphorus	31-2	9859.02	10133.25	10321.56	10104.61	2.30	ppb
Potassium	39-2	123242.56	125982.21	125331.33	124852.03	1.15	ppb
Rhodium	103-1				87		%
Rhodium	103-2				90		%
Scandium	45-1				90		%
Scandium	45-2				94		%
Selenium	82-1	500.83	470.13	461.43	477.46	4.34	ppb
Selenium	77-2	490.08	503.11	506.60	499.93	1.74	ppb
Selenium	78-2	504.12	491.68	497.70	497.83	1.25	ppb
Silicon	28-1	577.59	552.02	551.17	560.26	2.68	ppb
Silver	107-1	494.02	469.26	467.85	477.04	3.09	ppb
Silver	109-1	496.12	475.29	471.98	481.13	2.72	ppb
Sodium	23-2	250715.75	254122.29	253376.67	252738.24	0.71	ppb
Strontium	86-1	511.21	477.85	469.81	486.29	4.51	ppb
Strontium	88-1	516.50	486.21	469.50	490.74	4.85	ppb
Sulfur	34-1	11383.37	8897.89	8158.54	9479.93	17.82	ppb
Terbium	159-1				98		%
Terbium	159-2				99		%
Thallium	203-1	510.69	482.69	473.48	488.95	3.96	ppb
Thallium	205-1	499.23	474.96	461.79	478.66	3.97	ppb

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	CCV01	Instrumnet Name :	P7
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 15:51:47	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	527.78	492.39	483.54	501.24	4.67	ppb
Tin	118-1	499.45	470.96	469.74	480.05	3.50	ppb
Titanium	47-1	2588.55	2369.19	2320.11	2425.95	5.89	ppb
Uranium	238-1	531.75	501.63	485.33	506.24	4.65	ppb
Vanadium	51-2	502.27	508.07	502.60	504.31	0.65	ppb
Yttrium	89-1				94		%
Yttrium	89-2				95		%
Zinc	66-2	4876.32	4891.19	4871.03	4879.51	0.21	ppb
Zirconium	90-1	526.34	491.95	483.31	500.53	4.55	ppb
Zirconium	91-1	512.17	479.82	472.44	488.14	4.33	ppb

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	CCB01	Instrumnet Name :	P7
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 16:01:37	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.40	-0.21	-0.12	0.02	1412.13	ppb
Antimony	121-1	0.03	0.03	0.02	0.03	10.98	ppb
Arsenic	75-2	0.03	-0.02	0.01	0.01	359.13	ppb
Barium	135-1	0.00	0.01	0.00	0.00	155.36	ppb
Barium	137-1	0.03	0.02	0.02	0.02	27.62	ppb
Beryllium	9-1	0.01	0.02	0.05	0.03	73.64	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Boron	10-1	2.90	2.37	2.87	2.71	11.08	ppb
Boron	11-1	2.93	2.86	2.61	2.80	6.03	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.03	-0.20	-0.09	-0.11		ppb
Cadmium	106-1	-0.67	-3.61	-1.83	-2.04		ppb
Cadmium	108-1	0.03	-0.04	-0.04	-0.01		ppb
Calcium	43-1	-0.06	-1.47	-1.12	-0.88		ppb
Calcium	44-1	1.57	1.99	1.10	1.55	28.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.05	0.01	0.03	0.00	7369.61	ppb
Cobalt	59-2	-0.01	0.01	0.00	0.00		ppb
Copper	63-2	0.10	0.09	0.09	0.10	6.85	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				103		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	0.29	0.50	0.29	0.36	33.91	ppb
Iron	57-2	2.23	0.69	1.76	1.56	50.54	ppb

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	CCB01	Instrumnet Name :	P7
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 16:01:37	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	0.15	1.45	0.92	0.84	78.10	ppb
Krypton	83-1						cps
Lead	206-1	0.11	0.11	0.11	0.11	3.70	ppb
Lead	207-1	0.12	0.09	0.12	0.11	18.63	ppb
Lead	208-1	0.11	0.11	0.11	0.11	1.96	ppb
Lithium	6-1				101		%
Magnesium	24-2	0.84	0.54	1.34	0.90	44.59	ppb
Manganese	55-2	0.04	0.00	0.02	0.02	83.53	ppb
Molybdenum	94-1	0.05	0.07	0.04	0.05	27.38	ppb
Molybdenum	95-1	0.04	0.05	0.04	0.05	5.24	ppb
Molybdenum	96-1	0.05	0.03	0.05	0.04	30.39	ppb
Molybdenum	97-1	0.04	0.03	0.05	0.04	21.51	ppb
Molybdenum	98-1	0.07	0.06	0.05	0.06	20.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.00	0.03	0.00	1081.76	ppb
Phosphorus	31-2	0.18	-6.95	-21.98	-9.58		ppb
Potassium	39-2	27.37	33.71	28.83	29.97	11.08	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	82-1	-0.04	0.20	-0.35	-0.06		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.21	-0.71	-0.47	-0.32		ppb
Silicon	28-1	-6.35	-7.49	-8.53	-7.45		ppb
Silver	107-1	0.00	0.01	0.01	0.01	41.72	ppb
Silver	109-1	0.01	0.02	0.01	0.01	54.51	ppb
Sodium	23-2	51.66	50.33	46.14	49.38	5.84	ppb
Strontium	86-1	-0.12	-0.01	-0.09	-0.07		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	608.22	ppb
Sulfur	34-1	-219.37	-89.99	-287.83	-199.06		ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	-0.05	-0.02	-0.05	-0.04		ppb
Thallium	205-1	-0.01	-0.03	-0.03	-0.02		ppb

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	CCB01	Instrumnet Name :	P7
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 16:01:37	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	-0.01	0.00	0.00	-0.01		ppb
Tin	118-1	0.00	0.00	0.00	0.00		ppb
Titanium	47-1	0.03	0.03	0.05	0.04	22.42	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	80.93	ppb
Yttrium	89-1				101		%
Yttrium	89-2				98		%
Zinc	66-2	0.15	0.05	0.10	0.10	50.46	ppb
Zirconium	90-1	0.01	0.02	0.00	0.01	70.88	ppb
Zirconium	91-1	0.01	0.03	0.00	0.01	123.95	ppb

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 16:04:43	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.88	21.69	19.25	21.27	8.70	ppb
Antimony	121-1	1.84	1.90	1.95	1.90	2.98	ppb
Arsenic	75-2	1.18	0.94	1.03	1.05	11.80	ppb
Barium	135-1	9.06	9.64	9.25	9.32	3.16	ppb
Barium	137-1	9.34	9.29	9.14	9.25	1.13	ppb
Beryllium	9-1	1.01	0.94	0.97	0.97	3.79	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	22.65	26.79	25.21	24.88	8.40	ppb
Boron	11-1	23.95	25.81	24.51	24.76	3.86	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.99	0.88	1.03	0.97	7.93	ppb
Cadmium	106-1	0.82	-0.28	2.54	1.02	138.57	ppb
Cadmium	108-1	0.82	1.09	0.60	0.84	29.49	ppb
Calcium	43-1	550.41	532.69	520.63	534.58	2.80	ppb
Calcium	44-1	537.95	536.15	535.66	536.59	0.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.19	2.09	2.09	2.12	2.78	ppb
Cobalt	59-2	1.05	1.00	1.02	1.03	2.46	ppb
Copper	63-2	2.13	2.24	2.18	2.19	2.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	55.55	54.05	54.59	54.73	1.39	ppb
Iron	57-2	55.45	53.70	55.33	54.83	1.78	ppb

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 16:04:43	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	57.74	57.86	58.49	58.03	0.69	ppb
Krypton	83-1						cps
Lead	206-1	0.96	0.97	1.00	0.98	1.93	ppb
Lead	207-1	0.98	0.95	0.96	0.96	1.40	ppb
Lead	208-1	0.96	0.97	0.95	0.96	1.20	ppb
Lithium	6-1				100		%
Magnesium	24-2	535.32	523.73	522.83	527.29	1.32	ppb
Manganese	55-2	1.13	1.05	1.16	1.11	5.17	ppb
Molybdenum	94-1	4.95	4.81	4.87	4.88	1.48	ppb
Molybdenum	95-1	4.69	4.79	4.79	4.76	1.13	ppb
Molybdenum	96-1	4.71	4.57	4.47	4.58	2.57	ppb
Molybdenum	97-1	4.57	4.62	4.50	4.56	1.28	ppb
Molybdenum	98-1	4.77	4.88	4.71	4.79	1.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.02	1.02	1.02	1.02	0.21	ppb
Phosphorus	31-2	-31.06	-22.89	-23.74	-25.90		ppb
Potassium	39-2	562.36	547.99	554.76	555.04	1.30	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	82-1	4.33	5.83	4.48	4.88	16.94	ppb
Selenium	77-2	5.37	8.05	6.59	6.67	20.14	ppb
Selenium	78-2	4.19	4.38	4.23	4.27	2.35	ppb
Silicon	28-1	2.22	2.81	2.46	2.49	11.88	ppb
Silver	107-1	0.97	0.93	0.91	0.94	2.90	ppb
Silver	109-1	0.93	0.98	0.96	0.96	2.60	ppb
Sodium	23-2	597.64	582.88	585.38	588.64	1.34	ppb
Strontium	86-1	1.09	0.94	0.93	0.99	9.05	ppb
Strontium	88-1	0.98	1.04	0.96	0.99	4.02	ppb
Sulfur	34-1	-259.35	-188.88	-16.33	-154.86		ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	0.87	0.85	0.79	0.84	5.23	ppb
Thallium	205-1	0.82	0.87	0.85	0.85	3.16	ppb

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 16:04:43	DataFile Name :	020LLCC.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	4.80	4.66	4.87	4.78	2.27	ppb
Titanium	47-1	4.46	4.72	4.56	4.58	2.95	ppb
Uranium	238-1	0.93	0.91	0.96	0.93	2.47	ppb
Vanadium	51-2	5.02	4.98	5.00	5.00	0.37	ppb
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	2.20	2.12	2.21	2.18	2.21	ppb
Zirconium	90-1	0.94	0.90	0.92	0.92	2.41	ppb
Zirconium	91-1	0.88	0.95	0.89	0.90	3.99	ppb

LB Number : LB113411 Operator : JASWAL
 Lab Sample ID : M1458-01 Instrumnet Name : P7
 Client Sample ID : LOD-MDL-SOIL-01-QT1- Dilution Factor : 1
 Date & Time Acquired :: 2021-03-04 16:15:01 DataFile Name : 022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.21	5.71	3.87	4.60	21.35	ppb
Antimony	121-1	0.25	0.25	0.22	0.24	7.87	ppb
Arsenic	75-2	0.25	0.26	0.26	0.26	2.93	ppb
Barium	135-1	1.13	1.22	1.08	1.15	6.20	ppb
Barium	137-1	1.14	1.18	1.15	1.16	1.87	ppb
Beryllium	9-1	0.29	0.24	0.27	0.27	9.75	ppb
Bismuth	209-1				98		%
Bismuth	209-2				101		%
Boron	10-1	1.76	2.34	2.52	2.21	17.98	ppb
Boron	11-1	2.20	1.68	1.62	1.83	17.21	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.22	0.22	0.20	0.21	4.56	ppb
Cadmium	106-1	-0.94	-0.20	-0.07	-0.40		ppb
Cadmium	108-1	0.14	0.48	0.36	0.33	53.54	ppb
Calcium	43-1	28.23	24.06	33.01	28.43	15.73	ppb
Calcium	44-1	26.66	23.74	27.12	25.84	7.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.22	0.25	0.27	0.25	9.58	ppb
Cobalt	59-2	0.26	0.25	0.25	0.25	1.62	ppb
Copper	63-2	0.52	0.50	0.54	0.52	4.25	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				95		%
Indium	115-2				99		%
Iron	56-2	11.99	12.15	12.41	12.18	1.75	ppb
Iron	57-2	10.95	13.00	12.81	12.25	9.25	ppb

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	M1458-01	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-SOIL-01-QT1-	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 16:15:01	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	14.90	13.13	11.53	13.19	12.82	ppb
Krypton	83-1						cps
Lead	206-1	0.31	0.31	0.24	0.29	12.67	ppb
Lead	207-1	0.27	0.26	0.24	0.26	6.66	ppb
Lead	208-1	0.28	0.27	0.25	0.26	6.02	ppb
Lithium	6-1				100		%
Magnesium	24-2	22.94	25.50	24.91	24.45	5.48	ppb
Manganese	55-2	0.50	0.44	0.47	0.47	5.93	ppb
Molybdenum	94-1	1.14	1.30	1.24	1.22	6.74	ppb
Molybdenum	95-1	1.20	1.23	1.22	1.22	1.28	ppb
Molybdenum	96-1	1.23	1.08	1.07	1.13	7.96	ppb
Molybdenum	97-1	1.21	1.15	1.14	1.17	3.38	ppb
Molybdenum	98-1	1.25	1.17	1.22	1.21	3.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.17	0.24	0.25	0.22	20.02	ppb
Phosphorus	31-2	-2.86	-16.09	-1.16	-6.70		ppb
Potassium	39-2	17.33	35.81	32.24	28.46	34.43	ppb
Rhodium	103-1				94		%
Rhodium	103-2				99		%
Scandium	45-1				94		%
Scandium	45-2				97		%
Selenium	82-1	2.89	2.25	1.97	2.37	19.78	ppb
Selenium	77-2	2.64	1.17	2.70	2.17	40.02	ppb
Selenium	78-2	1.29	1.68	1.62	1.53	13.89	ppb
Silicon	28-1	2.77	-4.50	-3.06	-1.60		ppb
Silver	107-1	0.24	0.21	0.21	0.22	8.46	ppb
Silver	109-1	0.22	0.23	0.20	0.22	8.59	ppb
Sodium	23-2	48.76	53.65	51.55	51.32	4.78	ppb
Strontium	86-1	0.36	0.20	0.21	0.25	36.47	ppb
Strontium	88-1	0.27	0.24	0.25	0.25	4.97	ppb
Sulfur	34-1	1330.93	197.14	276.21	601.43	105.25	ppb
Terbium	159-1				99		%
Terbium	159-2				101		%
Thallium	203-1	0.18	0.10	0.12	0.13	32.41	ppb
Thallium	205-1	0.15	0.13	0.15	0.14	10.71	ppb

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	M1458-01	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-SOIL-01-QT1-	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 16:15:01	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.26	0.21	0.24	0.23	11.44	ppb
Titanium	47-1	1.13	1.23	1.11	1.16	5.57	ppb
Uranium	238-1	0.26	0.24	0.22	0.24	7.53	ppb
Vanadium	51-2	0.24	0.25	0.25	0.25	1.33	ppb
Yttrium	89-1				97		%
Yttrium	89-2				98		%
Zinc	66-2	0.38	0.63	0.45	0.49	26.02	ppb
Zirconium	90-1	0.24	0.20	0.23	0.23	8.83	ppb
Zirconium	91-1	0.22	0.21	0.26	0.23	9.59	ppb

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	M1458-02	Instrumnet Name :	P7
Client Sample ID :	LOQ-SOIL-02-QT1-2021	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 16:18:21	DataFile Name :	023LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.71	19.20	21.20	21.04	8.36	ppb
Antimony	121-1	1.84	1.88	1.91	1.88	1.91	ppb
Arsenic	75-2	1.03	1.04	1.02	1.03	0.91	ppb
Barium	135-1	9.32	9.09	9.07	9.16	1.49	ppb
Barium	137-1	9.24	9.12	9.38	9.25	1.38	ppb
Beryllium	9-1	1.01	0.97	0.97	0.99	2.55	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	21.30	22.72	22.58	22.20	3.53	ppb
Boron	11-1	21.76	23.48	23.58	22.94	4.46	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.86	1.03	0.93	0.94	9.33	ppb
Cadmium	106-1	0.12	2.81	-0.40	0.84	204.54	ppb
Cadmium	108-1	0.78	0.95	0.83	0.85	10.28	ppb
Calcium	43-1	524.22	514.07	512.92	517.07	1.20	ppb
Calcium	44-1	523.59	526.40	528.04	526.01	0.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.00	2.07	2.01	2.03	1.68	ppb
Cobalt	59-2	0.99	0.97	1.00	0.99	1.56	ppb
Copper	63-2	1.96	1.99	2.09	2.01	3.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	52.69	52.31	52.19	52.40	0.49	ppb
Iron	57-2	55.08	52.90	47.89	51.96	7.10	ppb

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	M1458-02	Instrumnet Name :	P7
Client Sample ID :	LOQ-SOIL-02-QT1-2021	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 16:18:21	DataFile Name :	023LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	57.07	53.03	50.46	53.52	6.22	ppb
Krypton	83-1						cps
Lead	206-1	0.91	1.00	0.83	0.91	9.22	ppb
Lead	207-1	0.83	0.86	0.88	0.86	2.96	ppb
Lead	208-1	0.85	0.90	0.89	0.88	2.94	ppb
Lithium	6-1				102		%
Magnesium	24-2	525.22	516.90	519.54	520.55	0.82	ppb
Manganese	55-2	0.98	1.05	0.99	1.00	3.93	ppb
Molybdenum	94-1	4.56	4.76	4.64	4.65	2.16	ppb
Molybdenum	95-1	4.67	4.48	4.69	4.61	2.51	ppb
Molybdenum	96-1	4.61	4.71	4.64	4.65	1.15	ppb
Molybdenum	97-1	4.69	4.62	4.63	4.65	0.77	ppb
Molybdenum	98-1	4.56	4.76	4.59	4.64	2.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.11	1.00	1.04	1.05	5.27	ppb
Phosphorus	31-2	5.28	-35.65	-16.08	-15.48		ppb
Potassium	39-2	536.25	538.43	519.45	531.38	1.95	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	82-1	5.07	5.60	4.99	5.22	6.41	ppb
Selenium	77-2	5.78	5.28	3.35	4.80	26.67	ppb
Selenium	78-2	5.32	4.67	4.24	4.75	11.48	ppb
Silicon	28-1	-0.09	0.68	1.94	0.84	121.48	ppb
Silver	107-1	0.93	0.88	0.99	0.93	6.07	ppb
Silver	109-1	0.95	0.92	0.93	0.93	1.73	ppb
Sodium	23-2	571.64	569.17	559.60	566.81	1.12	ppb
Strontium	86-1	0.72	0.99	0.93	0.88	16.21	ppb
Strontium	88-1	0.96	0.97	0.94	0.96	1.72	ppb
Sulfur	34-1	-168.86	-74.54	177.92	-21.83		ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	0.84	0.78	0.82	0.82	3.60	ppb
Thallium	205-1	0.81	0.77	0.78	0.79	2.51	ppb

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	M1458-02	Instrumnet Name :	P7
Client Sample ID :	LOQ-SOIL-02-QT1-2021	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 16:18:21	DataFile Name :	023LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	4.68	4.67	4.83	4.73	1.88	ppb
Titanium	47-1	4.49	4.50	5.07	4.68	7.11	ppb
Uranium	238-1	0.90	0.92	0.88	0.90	2.35	ppb
Vanadium	51-2	5.09	5.21	5.03	5.11	1.85	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	2.09	2.04	2.16	2.09	2.86	ppb
Zirconium	90-1	0.90	0.94	0.92	0.92	2.25	ppb
Zirconium	91-1	0.91	0.92	1.00	0.95	5.32	ppb

LB Number : LB113411 Operator : JASWAL
 Lab Sample ID : M1458-07 Instrumnet Name : P7
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-04 16:23:30 DataFile Name : 024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.09	5.42	3.83	4.78	17.52	ppb
Antimony	121-1	0.23	0.24	0.25	0.24	2.34	ppb
Arsenic	75-2	0.27	0.33	0.25	0.28	13.77	ppb
Barium	135-1	1.15	1.13	1.12	1.13	1.47	ppb
Barium	137-1	1.11	1.22	1.14	1.15	4.96	ppb
Beryllium	9-1	0.21	0.27	0.25	0.25	11.74	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	10-1	2.73	2.78	1.66	2.39	26.38	ppb
Boron	11-1	2.00	2.18	2.25	2.14	6.02	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.20	0.10	0.26	0.18	44.83	ppb
Cadmium	106-1	-0.62	-1.94	0.29	-0.76		ppb
Cadmium	108-1	0.41	0.12	0.45	0.33	55.57	ppb
Calcium	43-1	25.86	23.87	23.59	24.44	5.06	ppb
Calcium	44-1	25.65	25.09	25.92	25.55	1.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.25	0.22	0.20	0.22	10.07	ppb
Cobalt	59-2	0.26	0.24	0.28	0.26	6.37	ppb
Copper	63-2	0.45	0.49	0.49	0.48	4.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	12.22	12.67	12.19	12.36	2.16	ppb
Iron	57-2	13.40	12.28	12.90	12.86	4.36	ppb

LB Number : LB113411 Operator : JASWAL
 Lab Sample ID : M1458-07 Instrumnet Name : P7
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-04 16:23:30 DataFile Name : 024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	11.75	11.93	12.69	12.12	4.10	ppb
Krypton	83-1						cps
Lead	206-1	0.22	0.24	0.25	0.24	7.93	ppb
Lead	207-1	0.27	0.21	0.27	0.25	13.34	ppb
Lead	208-1	0.23	0.22	0.25	0.23	4.97	ppb
Lithium	6-1				100		%
Magnesium	24-2	24.59	25.00	25.00	24.86	0.96	ppb
Manganese	55-2	0.45	0.48	0.48	0.47	3.14	ppb
Molybdenum	94-1	1.00	1.16	1.09	1.08	7.21	ppb
Molybdenum	95-1	1.07	1.18	1.08	1.11	5.81	ppb
Molybdenum	96-1	1.16	1.13	1.11	1.13	2.02	ppb
Molybdenum	97-1	1.08	1.16	1.12	1.12	3.56	ppb
Molybdenum	98-1	1.19	1.15	1.12	1.15	3.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.25	0.27	0.27	0.27	4.47	ppb
Phosphorus	31-2	0.14	-13.71	-28.89	-14.15		ppb
Potassium	39-2	28.82	24.56	18.66	24.01	21.25	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	1.83	2.62	2.73	2.39	20.55	ppb
Selenium	77-2	2.26	2.26	2.64	2.39	9.29	ppb
Selenium	78-2	2.40	2.11	2.06	2.19	8.37	ppb
Silicon	28-1	-10.46	-7.57	-5.28	-7.77		ppb
Silver	107-1	0.18	0.18	0.20	0.19	6.51	ppb
Silver	109-1	0.18	0.19	0.24	0.20	16.02	ppb
Sodium	23-2	47.25	43.97	44.67	45.30	3.81	ppb
Strontium	86-1	0.08	0.19	0.24	0.17	46.85	ppb
Strontium	88-1	0.25	0.26	0.26	0.26	1.90	ppb
Sulfur	34-1	-171.91	81.99	4.31	-28.54		ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	0.13	0.12	0.08	0.11	23.45	ppb
Thallium	205-1	0.11	0.12	0.13	0.12	10.81	ppb

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	M1458-07	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 16:23:30	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.21	0.24	0.25	0.23	9.72	ppb
Titanium	47-1	0.99	1.16	1.17	1.10	8.99	ppb
Uranium	238-1	0.25	0.22	0.23	0.23	6.05	ppb
Vanadium	51-2	0.24	0.26	0.25	0.25	4.58	ppb
Yttrium	89-1				103		%
Yttrium	89-2				100		%
Zinc	66-2	0.43	0.49	0.55	0.49	12.19	ppb
Zirconium	90-1	0.24	0.21	0.20	0.22	9.57	ppb
Zirconium	91-1	0.21	0.29	0.20	0.23	20.57	ppb

LB Number : LB113411 Operator : JASWAL
 Lab Sample ID : M1458-08 Instrumnet Name : P7
 Client Sample ID : LOQ-WATER-02-QT1-20 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-04 16:26:37 DataFile Name : 025LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.17	21.36	17.86	19.46	9.07	ppb
Antimony	121-1	1.73	1.80	1.74	1.76	2.17	ppb
Arsenic	75-2	1.11	0.98	1.00	1.03	6.67	ppb
Barium	135-1	8.26	8.87	9.33	8.82	6.10	ppb
Barium	137-1	8.27	8.55	9.23	8.68	5.68	ppb
Beryllium	9-1	0.93	0.95	0.87	0.92	4.69	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Boron	10-1	21.72	22.94	22.34	22.33	2.73	ppb
Boron	11-1	20.63	22.46	24.62	22.57	8.84	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.85	0.99	0.98	0.94	8.60	ppb
Cadmium	106-1	0.03	1.69	1.29	1.00	85.94	ppb
Cadmium	108-1	0.53	0.95	0.85	0.77	28.13	ppb
Calcium	43-1	471.85	531.08	498.93	500.62	5.92	ppb
Calcium	44-1	483.06	514.53	515.30	504.30	3.65	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.02	1.98	1.98	1.99	1.07	ppb
Cobalt	59-2	0.99	0.99	1.03	1.00	2.22	ppb
Copper	63-2	1.99	2.02	1.98	2.00	1.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	51.07	51.53	50.90	51.17	0.63	ppb
Iron	57-2	46.06	51.76	53.11	50.31	7.43	ppb

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	M1458-08	Instrumnet Name :	P7
Client Sample ID :	LOQ-WATER-02-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 16:26:37	DataFile Name :	025LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	52.74	55.78	55.64	54.72	3.14	ppb
Krypton	83-1						cps
Lead	206-1	0.80	0.87	0.83	0.83	4.45	ppb
Lead	207-1	0.75	0.85	0.87	0.82	7.62	ppb
Lead	208-1	0.77	0.84	0.83	0.81	4.38	ppb
Lithium	6-1				100		%
Magnesium	24-2	510.52	509.78	507.24	509.18	0.34	ppb
Manganese	55-2	0.95	1.00	0.97	0.97	2.51	ppb
Molybdenum	94-1	4.25	4.36	4.22	4.28	1.75	ppb
Molybdenum	95-1	4.34	4.75	4.49	4.53	4.54	ppb
Molybdenum	96-1	4.26	4.52	4.32	4.36	3.10	ppb
Molybdenum	97-1	4.36	4.53	4.40	4.43	1.97	ppb
Molybdenum	98-1	4.27	4.40	4.46	4.38	2.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.14	1.08	0.98	1.07	7.36	ppb
Phosphorus	31-2	-41.08	-19.15	-14.36	-24.87		ppb
Potassium	39-2	510.18	531.65	526.56	522.80	2.15	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	82-1	5.15	4.77	4.39	4.77	7.93	ppb
Selenium	77-2	6.73	7.07	2.24	5.35	50.41	ppb
Selenium	78-2	4.40	4.23	4.38	4.34	2.25	ppb
Silicon	28-1	-6.88	-0.77	-0.30	-2.65		ppb
Silver	107-1	0.83	0.95	0.94	0.91	6.98	ppb
Silver	109-1	0.82	0.87	0.99	0.89	9.67	ppb
Sodium	23-2	547.47	554.41	558.90	553.59	1.04	ppb
Strontium	86-1	0.74	1.03	0.92	0.90	16.18	ppb
Strontium	88-1	0.89	0.95	0.93	0.92	3.19	ppb
Sulfur	34-1	-900.14	-11.36	100.12	-270.46		ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	0.68	0.72	0.77	0.72	6.40	ppb
Thallium	205-1	0.74	0.73	0.77	0.75	2.66	ppb

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	M1458-08	Instrumnet Name :	P7
Client Sample ID :	LOQ-WATER-02-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 16:26:37	DataFile Name :	025LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	4.36	4.51	4.58	4.49	2.52	ppb
Titanium	47-1	4.36	4.40	4.50	4.42	1.59	ppb
Uranium	238-1	0.87	0.84	0.91	0.87	3.81	ppb
Vanadium	51-2	5.08	4.93	4.99	5.00	1.48	ppb
Yttrium	89-1				105		%
Yttrium	89-2				101		%
Zinc	66-2	1.97	2.01	1.95	1.98	1.67	ppb
Zirconium	90-1	0.83	0.87	0.86	0.85	2.12	ppb
Zirconium	91-1	0.90	0.91	0.88	0.90	1.34	ppb

LB Number : LB113411 Operator : JASWAL
 Lab Sample ID : M1458-10 Instrumnet Name : P7
 Client Sample ID : LOD-MDL-WATER-04-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-04 16:29:44 DataFile Name : 026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.92	5.91	5.22	5.35	9.54	ppb
Antimony	121-1	0.21	0.26	0.27	0.25	12.20	ppb
Arsenic	75-2	0.20	0.25	0.33	0.26	24.57	ppb
Barium	135-1	1.23	1.21	1.17	1.21	2.51	ppb
Barium	137-1	1.18	1.16	1.26	1.20	4.40	ppb
Beryllium	9-1	0.27	0.25	0.23	0.25	7.34	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Boron	10-1	2.68	2.98	3.07	2.91	7.06	ppb
Boron	11-1	2.51	2.56	2.39	2.49	3.45	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.19	0.41	0.18	0.26	49.39	ppb
Cadmium	106-1	-0.01	3.06	-0.48	0.85	224.92	ppb
Cadmium	108-1	0.25	0.28	0.27	0.27	6.99	ppb
Calcium	43-1	29.48	26.44	15.22	23.71	31.67	ppb
Calcium	44-1	24.04	26.87	28.82	26.57	9.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.27	0.24	0.21	0.24	13.11	ppb
Cobalt	59-2	0.26	0.28	0.26	0.27	5.52	ppb
Copper	63-2	0.41	0.41	0.41	0.41	0.70	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				99		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	56-2	12.73	13.01	12.09	12.61	3.76	ppb
Iron	57-2	10.22	13.72	12.78	12.24	14.81	ppb

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	M1458-10	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-04-Q1	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 16:29:44	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	11.20	14.82	12.47	12.83	14.33	ppb
Krypton	83-1						cps
Lead	206-1	0.24	0.23	0.24	0.23	1.66	ppb
Lead	207-1	0.23	0.22	0.26	0.24	9.26	ppb
Lead	208-1	0.22	0.22	0.25	0.23	8.56	ppb
Lithium	6-1				98		%
Magnesium	24-2	24.75	25.79	22.91	24.48	5.96	ppb
Manganese	55-2	0.48	0.48	0.45	0.47	3.08	ppb
Molybdenum	94-1	1.23	1.14	1.17	1.18	4.10	ppb
Molybdenum	95-1	1.00	1.00	1.13	1.05	6.81	ppb
Molybdenum	96-1	1.05	1.07	1.18	1.10	6.42	ppb
Molybdenum	97-1	1.09	1.13	1.17	1.13	3.34	ppb
Molybdenum	98-1	1.13	1.13	1.14	1.14	0.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.21	0.32	0.25	0.26	21.47	ppb
Phosphorus	31-2	-15.44	-14.96	-8.82	-13.07		ppb
Potassium	39-2	25.25	43.63	29.52	32.80	29.33	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	82-1	3.55	4.50	2.43	3.50	29.73	ppb
Selenium	77-2	2.27	3.49	3.41	3.06	22.18	ppb
Selenium	78-2	1.45	1.66	1.57	1.56	6.72	ppb
Silicon	28-1	-6.12	-5.90	1.68	-3.45		ppb
Silver	107-1	0.19	0.21	0.21	0.20	4.91	ppb
Silver	109-1	0.17	0.22	0.23	0.21	14.42	ppb
Sodium	23-2	42.41	45.53	42.55	43.50	4.06	ppb
Strontium	86-1	0.16	0.23	0.37	0.26	40.80	ppb
Strontium	88-1	0.25	0.24	0.26	0.25	3.00	ppb
Sulfur	34-1	94.19	222.93	979.22	432.11	110.66	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	0.10	0.12	0.11	0.11	8.49	ppb
Thallium	205-1	0.13	0.11	0.12	0.12	8.75	ppb

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	M1458-10	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-04-Q1	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 16:29:44	DataFile Name :	026SMPL.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	0.22	0.24	0.25	0.23	5.71	ppb
Titanium	47-1	0.90	1.07	1.30	1.09	18.77	ppb
Uranium	238-1	0.22	0.23	0.24	0.23	4.68	ppb
Vanadium	51-2	0.24	0.21	0.24	0.23	7.31	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	0.49	0.54	0.56	0.53	6.99	ppb
Zirconium	90-1	0.23	0.23	0.23	0.23	0.39	ppb
Zirconium	91-1	0.18	0.25	0.28	0.24	20.44	ppb

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	M1458-11	Instrumnet Name :	P7
Client Sample ID :	LOQ-WATER-05-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 16:32:53	DataFile Name :	027LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.47	20.75	17.14	19.46	10.34	ppb
Antimony	121-1	1.84	1.88	1.80	1.84	2.32	ppb
Arsenic	75-2	1.01	0.97	0.98	0.99	2.53	ppb
Barium	135-1	9.16	9.06	9.15	9.12	0.62	ppb
Barium	137-1	9.26	9.07	9.23	9.19	1.10	ppb
Beryllium	9-1	0.95	0.94	0.94	0.94	0.51	ppb
Bismuth	209-1				104		%
Bismuth	209-2				100		%
Boron	10-1	22.69	23.28	23.17	23.05	1.35	ppb
Boron	11-1	23.09	25.17	24.89	24.39	4.63	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.80	0.94	0.76	0.83	10.98	ppb
Cadmium	106-1	-0.11	0.81	0.65	0.45	109.05	ppb
Cadmium	108-1	0.67	0.83	1.15	0.89	27.46	ppb
Calcium	43-1	509.48	532.49	506.74	516.23	2.74	ppb
Calcium	44-1	519.84	529.53	504.76	518.04	2.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.02	1.99	2.01	2.01	0.71	ppb
Cobalt	59-2	1.00	1.05	1.00	1.02	3.00	ppb
Copper	63-2	1.91	2.04	1.99	1.98	3.24	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				106		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	51.93	51.16	50.48	51.19	1.41	ppb
Iron	57-2	52.24	52.64	45.17	50.02	8.40	ppb

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	M1458-11	Instrumnet Name :	P7
Client Sample ID :	LOQ-WATER-05-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 16:32:53	DataFile Name :	027LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	54.13	55.45	49.60	53.06	5.78	ppb
Krypton	83-1						cps
Lead	206-1	0.84	0.83	0.86	0.84	2.23	ppb
Lead	207-1	0.84	0.82	0.87	0.84	2.87	ppb
Lead	208-1	0.84	0.83	0.85	0.84	1.30	ppb
Lithium	6-1				102		%
Magnesium	24-2	531.44	515.62	515.23	520.76	1.78	ppb
Manganese	55-2	1.01	1.02	1.04	1.02	1.45	ppb
Molybdenum	94-1	4.52	4.57	4.39	4.49	2.06	ppb
Molybdenum	95-1	4.59	4.51	4.67	4.59	1.78	ppb
Molybdenum	96-1	4.43	4.59	4.33	4.45	2.87	ppb
Molybdenum	97-1	4.48	4.57	4.50	4.52	1.10	ppb
Molybdenum	98-1	4.57	4.38	4.63	4.53	2.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.99	0.99	1.19	1.05	10.91	ppb
Phosphorus	31-2	-36.59	-24.95	-58.18	-39.91		ppb
Potassium	39-2	521.83	520.82	540.96	527.87	2.15	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	82-1	4.21	4.10	4.54	4.28	5.41	ppb
Selenium	77-2	5.20	5.25	5.30	5.25	0.92	ppb
Selenium	78-2	4.34	4.91	4.20	4.49	8.42	ppb
Silicon	28-1	-0.99	-0.44	-2.39	-1.27		ppb
Silver	107-1	0.93	0.95	0.94	0.94	1.17	ppb
Silver	109-1	0.97	0.97	0.92	0.95	2.97	ppb
Sodium	23-2	557.64	546.32	551.83	551.93	1.03	ppb
Strontium	86-1	0.83	0.98	0.82	0.88	10.26	ppb
Strontium	88-1	0.97	0.97	0.96	0.97	0.58	ppb
Sulfur	34-1	-186.21	-104.82	-341.66	-210.90		ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	0.76	0.80	0.79	0.78	2.74	ppb
Thallium	205-1	0.81	0.74	0.78	0.78	4.35	ppb

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	M1458-11	Instrumnet Name :	P7
Client Sample ID :	LOQ-WATER-05-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 16:32:53	DataFile Name :	027LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	4.94	4.74	4.53	4.74	4.35	ppb
Titanium	47-1	4.36	4.77	4.50	4.54	4.53	ppb
Uranium	238-1	0.92	0.89	0.89	0.90	1.73	ppb
Vanadium	51-2	4.97	5.03	5.02	5.01	0.59	ppb
Yttrium	89-1				105		%
Yttrium	89-2				100		%
Zinc	66-2	1.98	1.98	2.17	2.05	5.44	ppb
Zirconium	90-1	0.92	0.95	0.89	0.92	3.58	ppb
Zirconium	91-1	0.84	0.89	1.01	0.92	9.73	ppb

LB Number : LB113411 Operator : JASWAL
 Lab Sample ID : PB134943BL Instrumnet Name : P7
 Client Sample ID : PB134943BL Dilution Factor : 1
 Date & Time Acquired :: 2021-03-04 16:36:05 DataFile Name : 028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.97	-0.12	-0.44	-0.51		ppb
Antimony	121-1	0.00	-0.01	0.00	0.00		ppb
Arsenic	75-2	-0.02	-0.01	-0.02	-0.01		ppb
Barium	135-1	0.00	0.00	0.01	0.00	63.78	ppb
Barium	137-1	0.00	0.00	0.00	0.00	97.55	ppb
Beryllium	9-1	-0.01	-0.01	0.01	-0.01		ppb
Bismuth	209-1				104		%
Bismuth	209-2				100		%
Boron	10-1	1.37	1.24	1.44	1.35	7.25	ppb
Boron	11-1	0.86	1.05	0.80	0.90	14.07	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.04	-0.02	-0.03	-0.03		ppb
Cadmium	106-1	-0.56	-0.40	-0.25	-0.40		ppb
Cadmium	108-1	0.05	-0.04	0.09	0.03	187.85	ppb
Calcium	43-1	-0.28	-1.50	1.12	-0.22		ppb
Calcium	44-1	-1.65	-2.66	-2.56	-2.29		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	-0.01		ppb
Cobalt	59-2	-0.01	-0.01	0.00	-0.01		ppb
Copper	63-2	-0.11	-0.14	-0.11	-0.12		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				106		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	-1.15	-0.99	-1.02	-1.05		ppb
Iron	57-2	-0.89	-0.61	-0.77	-0.76		ppb

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	PB134943BL	Instrumnet Name :	P7
Client Sample ID :	PB134943BL	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 16:36:05	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	-2.05	-1.80	-1.49	-1.78		ppb
Krypton	83-1						cps
Lead	206-1	0.00	-0.01	0.00	0.00		ppb
Lead	207-1	0.01	0.01	0.02	0.01	35.63	ppb
Lead	208-1	0.00	0.00	0.01	0.00	186.51	ppb
Lithium	6-1				104		%
Magnesium	24-2	-1.49	-1.78	-1.77	-1.68		ppb
Manganese	55-2	-0.02	-0.01	-0.01	-0.01		ppb
Molybdenum	94-1	-0.02	-0.01	0.02	0.00	5572.31	ppb
Molybdenum	95-1	-0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	96-1	-0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	97-1	0.00	-0.01	-0.01	-0.01		ppb
Molybdenum	98-1	-0.01	0.00	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.03	-0.04	-0.03		ppb
Phosphorus	31-2	-12.32	-17.94	-29.58	-19.95		ppb
Potassium	39-2	6.64	9.44	11.02	9.03	24.53	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				104		%
Scandium	45-2				100		%
Selenium	82-1	0.53	1.00	0.18	0.57	71.59	ppb
Selenium	77-2	0.37	0.37	0.00	0.25	86.60	ppb
Selenium	78-2	-1.05	-1.60	0.46	-0.73		ppb
Silicon	28-1	-13.52	-13.50	-11.35	-12.79		ppb
Silver	107-1	0.00	0.01	0.00	0.00	868.47	ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	13.61	12.30	12.88	12.93	5.07	ppb
Strontium	86-1	-0.16	-0.10	-0.04	-0.10		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-538.00	-520.20	-401.93	-486.71		ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	-0.13	-0.12	-0.13	-0.13		ppb
Thallium	205-1	-0.12	-0.12	-0.12	-0.12		ppb

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	PB134943BL	Instrumnet Name :	P7
Client Sample ID :	PB134943BL	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 16:36:05	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	-0.03	-0.02	-0.02	-0.02		ppb
Titanium	47-1	-0.01	-0.02	-0.02	-0.02		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				106		%
Yttrium	89-2				100		%
Zinc	66-2	-0.06	-0.01	-0.03	-0.03		ppb
Zirconium	90-1	-0.01	0.01	0.00	0.00		ppb
Zirconium	91-1	0.01	0.01	0.00	0.01	110.60	ppb

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	PB134943BS	Instrumnet Name :	P7
Client Sample ID :	PB134943BS	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 16:39:12	DataFile Name :	029LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10312.62	10221.13	10227.57	10253.78	0.50	ppb
Antimony	121-1	568.46	468.91	471.08	502.82	11.31	ppb
Arsenic	75-2	505.50	510.27	502.88	506.21	0.74	ppb
Barium	135-1	2769.97	2287.51	2297.25	2451.58	11.25	ppb
Barium	137-1	2857.56	2381.23	2323.67	2520.82	11.62	ppb
Beryllium	9-1	561.38	467.97	468.36	499.24	10.78	ppb
Bismuth	209-1				94		%
Bismuth	209-2				98		%
Boron	10-1	523.09	455.97	467.84	482.30	7.43	ppb
Boron	11-1	531.81	468.07	475.23	491.70	7.10	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	571.70	470.72	469.52	503.98	11.64	ppb
Cadmium	106-1	572.02	476.61	468.77	505.80	11.36	ppb
Cadmium	108-1	574.88	472.35	464.67	503.97	12.21	ppb
Calcium	43-1	65527.86	53908.82	53276.61	57571.10	11.98	ppb
Calcium	44-1	60834.19	50154.43	49469.64	53486.09	11.91	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	509.43	505.23	500.03	504.90	0.93	ppb
Cobalt	59-2	504.60	504.44	494.39	501.14	1.17	ppb
Copper	63-2	5177.73	5158.89	5111.73	5149.45	0.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				100		%
Indium	115-1				90		%
Indium	115-2				94		%
Iron	56-2	25657.70	25607.01	25764.36	25676.36	0.31	ppb
Iron	57-2	26010.18	25989.52	25723.93	25907.87	0.62	ppb

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	PB134943BS	Instrumnet Name :	P7
Client Sample ID :	PB134943BS	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 16:39:12	DataFile Name :	029LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	26993.24	27143.41	26841.63	26992.76	0.56	ppb
Krypton	83-1						cps
Lead	206-1	2882.51	2368.93	2309.04	2520.16	12.51	ppb
Lead	207-1	2864.31	2356.09	2305.79	2508.73	12.32	ppb
Lead	208-1	2862.64	2358.97	2323.70	2515.10	11.99	ppb
Lithium	6-1				96		%
Magnesium	24-2	51297.86	51191.36	51039.52	51176.25	0.25	ppb
Manganese	55-2	5131.10	5141.61	5018.79	5097.16	1.34	ppb
Molybdenum	94-1	2861.89	2337.60	2321.97	2507.15	12.26	ppb
Molybdenum	95-1	2848.43	2362.33	2331.75	2514.17	11.53	ppb
Molybdenum	96-1	2858.23	2332.63	2307.67	2499.51	12.44	ppb
Molybdenum	97-1	2886.95	2361.15	2350.03	2532.71	12.11	ppb
Molybdenum	98-1	2841.03	2319.32	2307.16	2489.17	12.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	508.76	509.95	500.10	506.27	1.06	ppb
Phosphorus	31-2	10228.64	10008.28	9899.76	10045.56	1.67	ppb
Potassium	39-2	25252.98	24916.52	24968.37	25045.96	0.72	ppb
Rhodium	103-1				89		%
Rhodium	103-2				94		%
Scandium	45-1				91		%
Scandium	45-2				95		%
Selenium	82-1	571.75	466.11	459.05	498.97	12.65	ppb
Selenium	77-2	535.48	505.35	508.93	516.59	3.19	ppb
Selenium	78-2	505.86	505.24	514.20	508.43	0.98	ppb
Silicon	28-1	813.51	711.68	712.68	745.95	7.84	ppb
Silver	107-1	574.99	479.65	471.78	508.81	11.29	ppb
Silver	109-1	578.38	477.82	472.45	509.55	11.71	ppb
Sodium	23-2	52362.63	51770.62	51898.90	52010.72	0.60	ppb
Strontium	86-1	560.29	467.24	456.24	494.59	11.56	ppb
Strontium	88-1	571.68	469.25	462.22	501.05	12.23	ppb
Sulfur	34-1	16291.76	10224.35	9736.42	12084.18	30.22	ppb
Terbium	159-1				97		%
Terbium	159-2				99		%
Thallium	203-1	561.11	459.83	458.35	493.10	11.95	ppb
Thallium	205-1	584.45	483.27	473.16	513.63	11.98	ppb

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	PB134943BS	Instrumnet Name :	P7
Client Sample ID :	PB134943BS	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 16:39:12	DataFile Name :	029LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	561.40	460.64	457.92	493.32	11.95	ppb
Tin	118-1	573.20	467.67	464.95	501.94	12.30	ppb
Titanium	47-1	2839.04	2328.25	2270.83	2479.38	12.62	ppb
Uranium	238-1	558.98	459.34	456.72	491.68	11.86	ppb
Vanadium	51-2	502.76	504.77	498.71	502.08	0.61	ppb
Yttrium	89-1				94		%
Yttrium	89-2				96		%
Zinc	66-2	5069.93	5071.40	4994.43	5045.25	0.87	ppb
Zirconium	90-1	578.05	473.81	466.80	506.22	12.31	ppb
Zirconium	91-1	565.08	461.56	455.58	494.07	12.46	ppb

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	PB134944BS	Instrumnet Name :	P7
Client Sample ID :	PB134944BS	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 16:43:40	DataFile Name :	030LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10298.61	10380.98	10321.36	10333.65	0.41	ppb
Antimony	121-1	469.30	457.55	461.39	462.75	1.29	ppb
Arsenic	75-2	506.28	503.83	501.62	503.91	0.46	ppb
Barium	135-1	2303.59	2239.12	2270.72	2271.14	1.42	ppb
Barium	137-1	2343.08	2322.23	2326.47	2330.59	0.47	ppb
Beryllium	9-1	463.25	463.66	465.25	464.06	0.23	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Boron	10-1	442.48	456.81	475.75	458.34	3.64	ppb
Boron	11-1	443.64	463.07	471.54	459.42	3.11	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	468.37	455.80	458.96	461.04	1.42	ppb
Cadmium	106-1	470.21	456.47	460.67	462.45	1.52	ppb
Cadmium	108-1	473.55	455.67	465.96	465.06	1.93	ppb
Calcium	43-1	52688.91	52821.67	52923.64	52811.41	0.22	ppb
Calcium	44-1	48741.77	49234.97	48756.85	48911.20	0.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	505.27	503.15	507.37	505.26	0.42	ppb
Cobalt	59-2	503.62	505.46	506.79	505.29	0.31	ppb
Copper	63-2	5189.19	5163.15	5227.12	5193.15	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				105		%
Holmium	165-2				100		%
Indium	115-1				97		%
Indium	115-2				94		%
Iron	56-2	25972.99	25730.88	25773.10	25825.66	0.50	ppb
Iron	57-2	26020.41	25932.37	25917.59	25956.79	0.21	ppb

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	PB134944BS	Instrumnet Name :	P7
Client Sample ID :	PB134944BS	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 16:43:40	DataFile Name :	030LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	27027.08	27085.25	27164.70	27092.34	0.25	ppb
Krypton	83-1						cps
Lead	206-1	2305.67	2335.20	2339.23	2326.70	0.79	ppb
Lead	207-1	2334.68	2357.90	2346.79	2346.46	0.50	ppb
Lead	208-1	2325.56	2339.86	2330.09	2331.83	0.31	ppb
Lithium	6-1				101		%
Magnesium	24-2	52133.43	51645.72	51427.87	51735.67	0.70	ppb
Manganese	55-2	5167.77	5082.33	5093.74	5114.61	0.91	ppb
Molybdenum	94-1	2302.60	2312.17	2335.99	2316.92	0.74	ppb
Molybdenum	95-1	2302.77	2298.02	2321.25	2307.35	0.53	ppb
Molybdenum	96-1	2301.05	2299.43	2316.04	2305.51	0.40	ppb
Molybdenum	97-1	2339.41	2304.55	2343.55	2329.17	0.92	ppb
Molybdenum	98-1	2291.55	2268.29	2291.61	2283.82	0.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	507.63	503.83	510.31	507.26	0.64	ppb
Phosphorus	31-2	9877.21	10031.28	9996.49	9968.33	0.81	ppb
Potassium	39-2	25234.32	24935.76	25369.60	25179.89	0.88	ppb
Rhodium	103-1				94		%
Rhodium	103-2				94		%
Scandium	45-1				95		%
Scandium	45-2				94		%
Selenium	82-1	459.38	459.76	464.25	461.13	0.59	ppb
Selenium	77-2	494.74	510.43	486.00	497.06	2.49	ppb
Selenium	78-2	498.39	494.37	502.15	498.30	0.78	ppb
Silicon	28-1	626.80	682.75	689.26	666.27	5.15	ppb
Silver	107-1	471.13	460.06	467.07	466.09	1.20	ppb
Silver	109-1	475.71	459.35	465.18	466.75	1.78	ppb
Sodium	23-2	52169.90	52203.87	52439.52	52271.10	0.28	ppb
Strontium	86-1	455.37	451.21	458.82	455.14	0.84	ppb
Strontium	88-1	462.17	456.35	463.87	460.79	0.86	ppb
Sulfur	34-1	8746.03	8751.16	8401.40	8632.86	2.32	ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	449.62	454.81	453.20	452.54	0.59	ppb
Thallium	205-1	471.34	484.64	468.54	474.84	1.81	ppb

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	PB134944BS	Instrumnet Name :	P7
Client Sample ID :	PB134944BS	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 16:43:40	DataFile Name :	030LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	453.62	458.34	458.30	456.75	0.59	ppb
Tin	118-1	466.23	450.09	457.61	457.98	1.76	ppb
Titanium	47-1	2285.00	2265.42	2278.62	2276.34	0.44	ppb
Uranium	238-1	451.42	461.04	460.05	457.51	1.16	ppb
Vanadium	51-2	501.94	502.58	502.87	502.46	0.09	ppb
Yttrium	89-1				100		%
Yttrium	89-2				96		%
Zinc	66-2	5073.56	5077.48	5092.25	5081.10	0.19	ppb
Zirconium	90-1	464.89	462.69	466.54	464.71	0.42	ppb
Zirconium	91-1	454.69	453.07	457.85	455.20	0.53	ppb

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	CCV02	Instrumnet Name :	P7
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 16:57:34	DataFile Name :	034CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48000.05	48533.62	48257.36	48263.68	0.55	ppb
Antimony	121-1	469.84	475.70	468.13	471.22	0.84	ppb
Arsenic	75-2	515.62	511.13	508.68	511.81	0.69	ppb
Barium	135-1	2319.49	2339.32	2305.81	2321.54	0.73	ppb
Barium	137-1	2409.28	2406.52	2405.88	2407.23	0.07	ppb
Beryllium	9-1	473.81	470.64	474.07	472.84	0.40	ppb
Bismuth	209-1				95		%
Bismuth	209-2				93		%
Boron	10-1	462.17	483.71	504.68	483.52	4.40	ppb
Boron	11-1	464.59	484.56	505.55	484.90	4.22	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	465.90	467.48	459.49	464.29	0.91	ppb
Cadmium	106-1	472.45	466.64	474.14	471.08	0.83	ppb
Cadmium	108-1	475.74	467.16	461.39	468.10	1.54	ppb
Calcium	43-1	246288.07	259358.44	240653.24	248766.58	3.86	ppb
Calcium	44-1	244520.82	240160.93	239565.30	241415.68	1.12	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	506.14	505.01	509.24	506.79	0.43	ppb
Cobalt	59-2	493.88	495.15	501.21	496.75	0.79	ppb
Copper	63-2	4962.28	5044.24	5072.13	5026.21	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				104		%
Holmium	165-2				100		%
Indium	115-1				94		%
Indium	115-2				94		%
Iron	56-2	122206.57	122091.60	123702.75	122666.97	0.73	ppb
Iron	57-2	122324.82	121962.34	122357.84	122215.00	0.18	ppb

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	CCV02	Instrumnet Name :	P7
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 16:57:34	DataFile Name :	034CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	123660.67	122853.94	122697.47	123070.69	0.42	ppb
Krypton	83-1						cps
Lead	206-1	2429.76	2419.23	2386.76	2411.92	0.93	ppb
Lead	207-1	2461.28	2418.82	2425.16	2435.08	0.94	ppb
Lead	208-1	2433.42	2410.30	2400.52	2414.75	0.70	ppb
Lithium	6-1				99		%
Magnesium	24-2	254152.35	250712.36	247820.56	250895.09	1.26	ppb
Manganese	55-2	5148.67	5125.81	5147.19	5140.56	0.25	ppb
Molybdenum	94-1	2372.78	2371.24	2365.10	2369.71	0.17	ppb
Molybdenum	95-1	2366.58	2354.62	2340.30	2353.83	0.56	ppb
Molybdenum	96-1	2358.64	2340.61	2360.27	2353.17	0.46	ppb
Molybdenum	97-1	2366.04	2364.17	2377.39	2369.20	0.30	ppb
Molybdenum	98-1	2338.44	2318.04	2375.18	2343.88	1.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	495.83	494.07	499.21	496.37	0.53	ppb
Phosphorus	31-2	10216.11	10120.02	10035.21	10123.78	0.89	ppb
Potassium	39-2	123444.91	126030.73	124583.81	124686.48	1.04	ppb
Rhodium	103-1				91		%
Rhodium	103-2				91		%
Scandium	45-1				96		%
Scandium	45-2				97		%
Selenium	82-1	453.65	462.45	462.51	459.54	1.11	ppb
Selenium	77-2	509.20	533.49	499.07	513.92	3.44	ppb
Selenium	78-2	508.75	500.96	506.96	505.56	0.81	ppb
Silicon	28-1	549.47	569.06	576.61	565.05	2.48	ppb
Silver	107-1	469.84	465.64	463.85	466.45	0.66	ppb
Silver	109-1	466.88	466.20	457.46	463.51	1.13	ppb
Sodium	23-2	247584.00	247424.30	248192.57	247733.62	0.16	ppb
Strontium	86-1	464.07	458.59	466.18	462.95	0.85	ppb
Strontium	88-1	470.21	468.17	479.14	472.51	1.24	ppb
Sulfur	34-1	9092.39	9059.04	8770.96	8974.13	1.97	ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	473.50	471.04	473.25	472.60	0.29	ppb
Thallium	205-1	459.48	460.60	465.13	461.74	0.65	ppb

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	CCV02	Instrumnet Name :	P7
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 16:57:34	DataFile Name :	034CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	490.14	477.00	498.15	488.43	2.19	ppb
Tin	118-1	465.76	474.51	459.43	466.57	1.62	ppb
Titanium	47-1	2370.13	2360.71	2347.96	2359.60	0.47	ppb
Uranium	238-1	488.90	482.63	491.64	487.73	0.95	ppb
Vanadium	51-2	508.28	508.14	511.14	509.19	0.33	ppb
Yttrium	89-1				100		%
Yttrium	89-2				97		%
Zinc	66-2	4883.30	4918.55	4967.78	4923.21	0.86	ppb
Zirconium	90-1	475.08	472.93	479.99	476.00	0.76	ppb
Zirconium	91-1	467.38	464.75	466.32	466.15	0.28	ppb

LB Number : LB113411 Operator : JASWAL
 Lab Sample ID : CCB02 Instrumnet Name : P7
 Client Sample ID : CCB02 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-04 17:07:32 DataFile Name : 036CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.68	-0.88	-0.56	-0.70		ppb
Antimony	121-1	0.04	0.03	0.02	0.03	38.19	ppb
Arsenic	75-2	0.03	0.01	0.00	0.01	172.91	ppb
Barium	135-1	0.00	0.04	0.02	0.02	80.43	ppb
Barium	137-1	0.01	0.01	0.01	0.01	14.58	ppb
Beryllium	9-1	0.05	0.02	0.02	0.03	57.92	ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Boron	10-1	7.18	6.66	6.38	6.74	6.08	ppb
Boron	11-1	7.32	6.54	5.70	6.52	12.43	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.08	0.04	-0.10	-0.05		ppb
Cadmium	106-1	-1.63	0.36	-1.50	-0.93		ppb
Cadmium	108-1	0.07	-0.03	0.06	0.03	180.92	ppb
Calcium	43-1	-4.31	-0.85	-2.78	-2.64		ppb
Calcium	44-1	3.03	3.39	0.90	2.44	55.26	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.01	0.00	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	-0.05	0.00	-0.04	-0.03		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				96		%
Indium	115-2				98		%
Iron	56-2	-0.55	-0.60	-0.64	-0.59		ppb
Iron	57-2	-0.95	0.68	-1.87	-0.71		ppb

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	CCB02	Instrumnet Name :	P7
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 17:07:32	DataFile Name :	036CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	0.22	-0.68	-0.96	-0.47		ppb
Krypton	83-1						cps
Lead	206-1	0.37	0.37	0.35	0.36	2.67	ppb
Lead	207-1	0.42	0.32	0.34	0.36	14.25	ppb
Lead	208-1	0.38	0.35	0.34	0.36	6.56	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.00	-0.22	0.36	0.05	606.85	ppb
Manganese	55-2	0.00	0.01	0.00	0.01	163.11	ppb
Molybdenum	94-1	0.05	0.03	0.05	0.04	27.29	ppb
Molybdenum	95-1	0.04	0.01	0.03	0.03	59.79	ppb
Molybdenum	96-1	0.03	0.04	0.05	0.04	22.89	ppb
Molybdenum	97-1	0.04	0.07	0.03	0.05	50.16	ppb
Molybdenum	98-1	0.05	0.04	0.06	0.05	17.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.02	-0.05	-0.02		ppb
Phosphorus	31-2	-12.56	-18.51	-49.07	-26.71		ppb
Potassium	39-2	53.07	54.81	53.35	53.74	1.74	ppb
Rhodium	103-1				95		%
Rhodium	103-2				98		%
Scandium	45-1				95		%
Scandium	45-2				98		%
Selenium	82-1	0.22	-0.24	0.29	0.09	325.00	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.24	-0.79	0.67	-0.12		ppb
Silicon	28-1	9.25	2.77	1.26	4.43	95.85	ppb
Silver	107-1	0.00	0.01	0.01	0.01	67.36	ppb
Silver	109-1	0.01	0.01	0.01	0.01	24.74	ppb
Sodium	23-2	80.62	79.92	78.24	79.59	1.53	ppb
Strontium	86-1	-0.03	0.02	-0.04	-0.02		ppb
Strontium	88-1	0.00	-0.01	0.00	0.00		ppb
Sulfur	34-1	588.25	-238.89	-511.88	-54.17		ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	-0.02	-0.05	-0.04	-0.04		ppb
Thallium	205-1	-0.01	-0.03	-0.04	-0.03		ppb

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	CCB02	Instrumnet Name :	P7
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 17:07:32	DataFile Name :	036CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.01	0.01	0.01	4.37	ppb
Tin	118-1	0.04	0.04	0.00	0.03	86.27	ppb
Titanium	47-1	0.03	-0.01	-0.02	0.00		ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	0.00	-0.01	0.00		ppb
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	0.31	0.30	0.21	0.28	20.81	ppb
Zirconium	90-1	0.01	0.00	0.00	0.00	93.84	ppb
Zirconium	91-1	0.04	0.00	0.04	0.03	75.25	ppb

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	PB134944BL	Instrumnet Name :	P7
Client Sample ID :	PB134944BL	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 17:10:43	DataFile Name :	037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.65	-0.55	-0.82	-0.67		ppb
Antimony	121-1	0.01	0.01	0.01	0.01	39.95	ppb
Arsenic	75-2	0.00	0.01	0.01	0.01	102.10	ppb
Barium	135-1	0.01	0.01	0.01	0.01	9.51	ppb
Barium	137-1	0.00	0.01	0.00	0.01	55.40	ppb
Beryllium	9-1	0.02	0.03	0.06	0.04	54.06	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Boron	10-1	5.45	4.37	4.85	4.89	11.12	ppb
Boron	11-1	5.14	4.17	3.69	4.33	17.09	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.03	-0.03	-0.11	-0.04		ppb
Cadmium	106-1	0.55	-0.59	-1.71	-0.58		ppb
Cadmium	108-1	0.04	0.09	0.18	0.10	68.35	ppb
Calcium	43-1	-2.88	0.99	-1.32	-1.07		ppb
Calcium	44-1	3.21	3.50	-0.08	2.21	90.12	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	0.00	-0.01	-0.01		ppb
Cobalt	59-2	-0.01	-0.01	0.00	-0.01		ppb
Copper	63-2	-0.05	-0.05	-0.03	-0.04		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				97		%
Indium	115-2				99		%
Iron	56-2	-0.87	-0.79	-1.02	-0.89		ppb
Iron	57-2	-0.12	-1.33	-1.17	-0.87		ppb

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	PB134944BL	Instrumnet Name :	P7
Client Sample ID :	PB134944BL	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 17:10:43	DataFile Name :	037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	0.21	-1.14	-1.40	-0.78		ppb
Krypton	83-1						cps
Lead	206-1	0.31	0.32	0.25	0.29	12.60	ppb
Lead	207-1	0.29	0.28	0.26	0.27	5.40	ppb
Lead	208-1	0.30	0.28	0.25	0.28	8.60	ppb
Lithium	6-1				101		%
Magnesium	24-2	-0.89	-0.43	-0.38	-0.57		ppb
Manganese	55-2	0.00	-0.01	-0.01	0.00		ppb
Molybdenum	94-1	0.05	0.04	0.03	0.04	18.05	ppb
Molybdenum	95-1	0.02	0.01	0.01	0.01	35.44	ppb
Molybdenum	96-1	0.00	0.01	0.01	0.01	168.93	ppb
Molybdenum	97-1	0.03	0.03	0.03	0.03	7.73	ppb
Molybdenum	98-1	0.02	0.02	0.02	0.02	8.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.01	-0.02	0.01	289.91	ppb
Phosphorus	31-2	-25.59	-29.29	-53.58	-36.15		ppb
Potassium	39-2	38.39	41.84	41.54	40.59	4.71	ppb
Rhodium	103-1				96		%
Rhodium	103-2				99		%
Scandium	45-1				96		%
Scandium	45-2				99		%
Selenium	82-1	1.25	0.52	0.39	0.72	64.09	ppb
Selenium	77-2	0.75	0.38	0.00	0.38	99.35	ppb
Selenium	78-2	-1.36	-1.60	-0.50	-1.15		ppb
Silicon	28-1	11.39	-0.05	-2.38	2.99	246.76	ppb
Silver	107-1	0.00	0.01	0.00	0.00	204.18	ppb
Silver	109-1	0.01	0.01	0.01	0.01	23.45	ppb
Sodium	23-2	62.65	67.43	67.24	65.77	4.11	ppb
Strontium	86-1	-0.13	-0.07	-0.15	-0.12		ppb
Strontium	88-1	0.00	0.00	-0.01	0.00		ppb
Sulfur	34-1	992.42	-519.56	-760.40	-95.85		ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	-0.08	-0.04	-0.07	-0.06		ppb
Thallium	205-1	-0.04	-0.07	-0.06	-0.06		ppb

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	PB134944BL	Instrumnet Name :	P7
Client Sample ID :	PB134944BL	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 17:10:43	DataFile Name :	037CCBE.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	0.02	0.01	-0.01	0.01	212.18	ppb
Titanium	47-1	0.02	-0.01	0.00	0.00	733.26	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.08	0.17	0.12	0.12	35.94	ppb
Zirconium	90-1	-0.01	-0.01	0.01	0.00		ppb
Zirconium	91-1	0.01	0.00	0.01	0.00	169.93	ppb

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	PB134942BL	Instrumnet Name :	P7
Client Sample ID :	PB134942BL	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 17:13:48	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.67	-0.10	-0.82	-0.53		ppb
Antimony	121-1	0.01	0.00	0.02	0.01	97.78	ppb
Arsenic	75-2	0.00	0.02	0.02	0.01	109.54	ppb
Barium	135-1	0.01	0.02	0.00	0.01	82.38	ppb
Barium	137-1	0.00	0.00	0.01	0.01	57.88	ppb
Beryllium	9-1	0.01	0.05	0.06	0.04	62.34	ppb
Bismuth	209-1				103		%
Bismuth	209-2				91		%
Boron	10-1	3.20	3.30	3.46	3.32	3.87	ppb
Boron	11-1	2.93	2.98	2.48	2.80	9.91	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.01	-0.04	-0.03	-0.03		ppb
Cadmium	106-1	-0.31	-0.88	-0.42	-0.54		ppb
Cadmium	108-1	-0.01	-0.07	0.11	0.01	778.30	ppb
Calcium	43-1	-2.32	0.77	-5.72	-2.42		ppb
Calcium	44-1	-0.50	0.17	0.91	0.19	368.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.06	0.07	0.01	0.04	68.79	ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	-0.06	0.04	-0.02	-0.01		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				92		%
Indium	115-1				101		%
Indium	115-2				91		%
Iron	56-2	-0.70	-0.49	-1.20	-0.80		ppb
Iron	57-2	-1.29	-0.10	-1.43	-0.94		ppb

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	PB134942BL	Instrumnet Name :	P7
Client Sample ID :	PB134942BL	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 17:13:48	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	0.25	1.08	-0.45	0.29	262.58	ppb
Krypton	83-1						cps
Lead	206-1	0.25	0.22	0.22	0.23	6.76	ppb
Lead	207-1	0.24	0.23	0.22	0.23	4.44	ppb
Lead	208-1	0.22	0.23	0.21	0.22	4.28	ppb
Lithium	6-1				103		%
Magnesium	24-2	-0.30	-0.14	-0.99	-0.48		ppb
Manganese	55-2	-0.01	0.01	-0.01	0.00		ppb
Molybdenum	94-1	0.02	0.06	0.03	0.04	56.32	ppb
Molybdenum	95-1	0.01	0.02	0.01	0.01	51.89	ppb
Molybdenum	96-1	-0.01	0.01	0.00	0.00		ppb
Molybdenum	97-1	0.03	0.02	0.01	0.02	45.54	ppb
Molybdenum	98-1	0.02	0.02	0.02	0.02	8.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.02	-0.02	-0.02		ppb
Phosphorus	31-2	-27.17	2.81	-34.44	-19.60		ppb
Potassium	39-2	64.00	90.64	32.99	62.54	46.13	ppb
Rhodium	103-1				100		%
Rhodium	103-2				90		%
Scandium	45-1				101		%
Scandium	45-2				90		%
Selenium	82-1	0.29	-0.18	0.33	0.15	195.98	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.30	-0.44	0.44	-0.10		ppb
Silicon	28-1	-7.20	-4.71	-8.09	-6.67		ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	0.02	0.01	0.00	0.01	100.72	ppb
Sodium	23-2	66.41	77.28	57.06	66.92	15.12	ppb
Strontium	86-1	-0.21	0.04	-0.15	-0.10		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-935.52	-631.56	-849.68	-805.59		ppb
Terbium	159-1				106		%
Terbium	159-2				91		%
Thallium	203-1	-0.09	-0.07	-0.07	-0.08		ppb
Thallium	205-1	-0.07	-0.09	-0.09	-0.08		ppb

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	PB134942BL	Instrumnet Name :	P7
Client Sample ID :	PB134942BL	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 17:13:48	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.01	0.00	0.00	27.45	ppb
Tin	118-1	-0.02	0.03	-0.01	0.00	2774.85	ppb
Titanium	47-1	0.01	-0.01	0.00	0.00	544.07	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	-0.01	0.00	0.00	0.00		ppb
Yttrium	89-1				104		%
Yttrium	89-2				91		%
Zinc	66-2	0.21	0.28	0.18	0.22	24.70	ppb
Zirconium	90-1	-0.01	0.01	0.00	0.00		ppb
Zirconium	91-1	0.01	0.01	0.01	0.01	46.57	ppb

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	PB134942BS	Instrumnet Name :	P7
Client Sample ID :	PB134942BS	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 17:16:57	DataFile Name :	039DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10195.11	10245.67	10097.25	10179.34	0.74	ppb
Antimony	121-1	458.04	460.30	455.92	458.09	0.48	ppb
Arsenic	75-2	500.24	501.50	498.50	500.08	0.30	ppb
Barium	135-1	2251.84	2260.36	2233.58	2248.59	0.61	ppb
Barium	137-1	2350.62	2330.64	2317.46	2332.91	0.72	ppb
Beryllium	9-1	458.38	467.44	461.72	462.51	0.99	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Boron	10-1	428.43	456.22	457.97	447.54	3.70	ppb
Boron	11-1	435.43	464.17	469.03	456.21	3.98	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	459.21	456.92	452.97	456.37	0.69	ppb
Cadmium	106-1	461.11	464.71	453.96	459.92	1.19	ppb
Cadmium	108-1	462.84	461.34	459.82	461.33	0.33	ppb
Calcium	43-1	52074.86	52814.19	53135.50	52674.85	1.03	ppb
Calcium	44-1	49190.92	49041.88	49784.29	49339.03	0.80	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	501.02	493.72	495.38	496.71	0.77	ppb
Cobalt	59-2	501.02	496.11	492.71	496.61	0.84	ppb
Copper	63-2	5127.41	5055.11	4989.49	5057.34	1.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	25802.84	25689.15	25114.46	25535.48	1.45	ppb
Iron	57-2	25738.00	25630.00	25244.62	25537.54	1.02	ppb

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	PB134942BS	Instrumnet Name :	P7
Client Sample ID :	PB134942BS	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 17:16:57	DataFile Name :	039DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	26692.51	26549.20	26411.86	26551.19	0.53	ppb
Krypton	83-1						cps
Lead	206-1	2367.58	2326.14	2323.77	2339.16	1.05	ppb
Lead	207-1	2378.03	2343.25	2330.79	2350.69	1.04	ppb
Lead	208-1	2352.08	2325.58	2329.35	2335.67	0.61	ppb
Lithium	6-1				102		%
Magnesium	24-2	51554.25	51244.73	50525.82	51108.26	1.03	ppb
Manganese	55-2	5125.59	5050.20	4984.31	5053.37	1.40	ppb
Molybdenum	94-1	2263.00	2276.14	2308.62	2282.59	1.03	ppb
Molybdenum	95-1	2257.57	2259.81	2293.65	2270.34	0.89	ppb
Molybdenum	96-1	2247.93	2257.31	2272.32	2259.19	0.54	ppb
Molybdenum	97-1	2242.65	2265.08	2288.06	2265.26	1.00	ppb
Molybdenum	98-1	2243.21	2259.42	2267.15	2256.59	0.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	501.68	499.85	492.07	497.87	1.03	ppb
Phosphorus	31-2	10010.20	9900.52	9798.85	9903.19	1.07	ppb
Potassium	39-2	25472.49	25268.43	24738.23	25159.72	1.51	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	82-1	443.16	449.92	450.31	447.80	0.90	ppb
Selenium	77-2	493.55	509.33	504.71	502.53	1.61	ppb
Selenium	78-2	501.59	500.33	495.92	499.28	0.60	ppb
Silicon	28-1	589.94	644.85	667.70	634.16	6.30	ppb
Silver	107-1	468.91	469.69	461.38	466.66	0.98	ppb
Silver	109-1	465.05	469.90	458.52	464.49	1.23	ppb
Sodium	23-2	51758.98	50867.62	51186.85	51271.15	0.88	ppb
Strontium	86-1	441.99	441.39	448.09	443.82	0.83	ppb
Strontium	88-1	448.56	455.89	459.55	454.66	1.23	ppb
Sulfur	34-1	8110.85	8194.03	8070.84	8125.24	0.77	ppb
Terbium	159-1				106		%
Terbium	159-2				101		%
Thallium	203-1	452.50	452.93	456.76	454.06	0.52	ppb
Thallium	205-1	475.46	475.52	474.31	475.10	0.14	ppb

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	PB134942BS	Instrumnet Name :	P7
Client Sample ID :	PB134942BS	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 17:16:57	DataFile Name :	039DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	450.28	455.90	460.87	455.68	1.16	ppb
Tin	118-1	454.22	458.49	452.10	454.93	0.72	ppb
Titanium	47-1	2241.83	2269.27	2274.39	2261.83	0.77	ppb
Uranium	238-1	449.74	449.95	459.66	453.12	1.25	ppb
Vanadium	51-2	501.20	496.04	492.87	496.71	0.85	ppb
Yttrium	89-1				105		%
Yttrium	89-2				99		%
Zinc	66-2	5011.06	4956.79	4910.00	4959.29	1.02	ppb
Zirconium	90-1	451.81	456.22	459.05	455.69	0.80	ppb
Zirconium	91-1	444.41	446.92	449.26	446.86	0.54	ppb

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	CCV03	Instrumnet Name :	P7
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 17:19:54	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47038.57	47893.16	47686.81	47539.51	0.94	ppb
Antimony	121-1	472.97	473.23	467.34	471.18	0.71	ppb
Arsenic	75-2	520.74	519.91	515.36	518.67	0.56	ppb
Barium	135-1	2337.93	2352.64	2298.85	2329.81	1.19	ppb
Barium	137-1	2423.41	2454.19	2370.05	2415.88	1.76	ppb
Beryllium	9-1	489.19	483.65	484.96	485.94	0.60	ppb
Bismuth	209-1				96		%
Bismuth	209-2				94		%
Boron	10-1	490.77	500.44	508.09	499.77	1.74	ppb
Boron	11-1	493.71	504.52	509.26	502.50	1.59	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	462.78	465.68	456.14	461.53	1.06	ppb
Cadmium	106-1	463.07	461.85	452.35	459.09	1.28	ppb
Cadmium	108-1	466.29	458.23	460.15	461.56	0.91	ppb
Calcium	43-1	255766.26	254147.74	253279.75	254397.92	0.50	ppb
Calcium	44-1	237002.70	235873.44	236202.71	236359.62	0.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	513.20	515.82	511.05	513.35	0.47	ppb
Cobalt	59-2	505.97	502.62	502.06	503.55	0.42	ppb
Copper	63-2	5053.54	5084.89	5037.59	5058.67	0.48	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				94		%
Indium	115-2				94		%
Iron	56-2	120671.69	121799.94	119671.23	120714.29	0.88	ppb
Iron	57-2	119569.52	118806.68	119596.61	119324.27	0.38	ppb

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	CCV03	Instrumnet Name :	P7
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 17:19:54	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	121384.38	121393.14	120058.60	120945.37	0.63	ppb
Krypton	83-1						cps
Lead	206-1	2500.29	2482.45	2523.26	2502.00	0.82	ppb
Lead	207-1	2495.92	2474.46	2472.70	2481.03	0.52	ppb
Lead	208-1	2473.95	2459.80	2470.12	2467.96	0.30	ppb
Lithium	6-1				98		%
Magnesium	24-2	247393.97	251044.07	247426.71	248621.58	0.84	ppb
Manganese	55-2	5206.93	5235.87	5194.73	5212.51	0.41	ppb
Molybdenum	94-1	2406.21	2389.37	2406.06	2400.55	0.40	ppb
Molybdenum	95-1	2428.83	2357.25	2384.72	2390.26	1.51	ppb
Molybdenum	96-1	2388.72	2375.49	2417.44	2393.89	0.90	ppb
Molybdenum	97-1	2417.89	2379.52	2411.23	2402.88	0.85	ppb
Molybdenum	98-1	2422.85	2361.51	2400.28	2394.88	1.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	500.47	505.70	501.75	502.64	0.54	ppb
Phosphorus	31-2	10279.49	10272.83	10404.70	10319.01	0.72	ppb
Potassium	39-2	121756.62	122542.67	121806.49	122035.26	0.36	ppb
Rhodium	103-1				91		%
Rhodium	103-2				92		%
Scandium	45-1				95		%
Scandium	45-2				97		%
Selenium	82-1	462.13	452.74	456.45	457.11	1.04	ppb
Selenium	77-2	513.92	513.80	509.02	512.25	0.55	ppb
Selenium	78-2	527.69	523.64	509.37	520.23	1.85	ppb
Silicon	28-1	550.60	566.89	571.54	563.01	1.95	ppb
Silver	107-1	466.49	465.95	459.79	464.08	0.80	ppb
Silver	109-1	465.71	467.58	461.02	464.77	0.73	ppb
Sodium	23-2	246279.72	246621.17	244656.07	245852.32	0.43	ppb
Strontium	86-1	475.50	465.70	467.85	469.68	1.10	ppb
Strontium	88-1	483.35	473.08	474.63	477.02	1.16	ppb
Sulfur	34-1	8251.96	8044.73	7852.99	8049.90	2.48	ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	478.50	472.60	477.72	476.27	0.67	ppb
Thallium	205-1	503.29	504.97	512.65	506.97	0.98	ppb

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	CCV03	Instrumnet Name :	P7
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 17:19:54	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	495.71	499.14	496.03	496.96	0.38	ppb
Tin	118-1	473.56	470.04	465.28	469.63	0.88	ppb
Titanium	47-1	2400.12	2395.27	2369.63	2388.34	0.69	ppb
Uranium	238-1	502.31	501.92	498.44	500.89	0.43	ppb
Vanadium	51-2	519.26	520.32	513.94	517.84	0.66	ppb
Yttrium	89-1				101		%
Yttrium	89-2				98		%
Zinc	66-2	4968.25	5006.45	4926.08	4966.93	0.81	ppb
Zirconium	90-1	485.13	477.31	477.62	480.02	0.92	ppb
Zirconium	91-1	474.89	467.51	469.70	470.70	0.81	ppb

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	CCB03	Instrumnet Name :	P7
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 17:34:29	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.24	0.81	0.50	0.85	43.31	ppb
Antimony	121-1	0.04	0.05	0.05	0.05	15.41	ppb
Arsenic	75-2	0.02	-0.01	0.00	0.00	342.46	ppb
Barium	135-1	0.07	0.05	0.05	0.06	17.08	ppb
Barium	137-1	0.06	0.07	0.07	0.06	12.68	ppb
Beryllium	9-1	0.03	0.05	0.06	0.04	35.06	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	10-1	2.62	2.23	2.74	2.53	10.48	ppb
Boron	11-1	2.40	2.43	2.63	2.49	5.16	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.11	-0.10	-0.16	-0.13		ppb
Cadmium	106-1	-2.00	-1.88	-2.83	-2.24		ppb
Cadmium	108-1	0.15	0.17	0.16	0.16	7.24	ppb
Calcium	43-1	3.99	-3.29	3.96	1.56	269.77	ppb
Calcium	44-1	4.22	5.28	6.25	5.25	19.38	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	0.00	0.00	0.00		ppb
Cobalt	59-2	0.01	0.01	0.00	0.01	70.48	ppb
Copper	63-2	0.00	0.04	0.03	0.03	76.14	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				105		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.95	1.06	0.88	0.96	9.22	ppb
Iron	57-2	1.13	1.46	0.55	1.04	43.74	ppb

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	CCB03	Instrumnet Name :	P7
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 17:34:29	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	1.33	1.45	-0.04	0.91	90.82	ppb
Krypton	83-1						cps
Lead	206-1	0.29	0.27	0.30	0.29	4.75	ppb
Lead	207-1	0.27	0.28	0.24	0.26	7.81	ppb
Lead	208-1	0.27	0.27	0.27	0.27	1.00	ppb
Lithium	6-1				99		%
Magnesium	24-2	3.50	3.89	3.83	3.74	5.54	ppb
Manganese	55-2	0.14	0.12	0.11	0.12	12.20	ppb
Molybdenum	94-1	0.11	0.09	0.06	0.08	26.05	ppb
Molybdenum	95-1	0.07	0.09	0.06	0.07	15.80	ppb
Molybdenum	96-1	0.07	0.06	0.08	0.07	14.72	ppb
Molybdenum	97-1	0.08	0.06	0.07	0.07	12.18	ppb
Molybdenum	98-1	0.10	0.09	0.11	0.10	8.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.01	-0.03	-0.01		ppb
Phosphorus	31-2	-22.52	-30.73	-45.94	-33.07		ppb
Potassium	39-2	32.62	36.83	26.12	31.86	16.94	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.59	-0.09	0.48	0.33	112.18	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.38	0.72	-0.72	0.13	602.81	ppb
Silicon	28-1	-12.48	-14.59	-10.31	-12.46		ppb
Silver	107-1	0.01	0.01	0.01	0.01	38.38	ppb
Silver	109-1	0.01	0.01	0.02	0.01	37.44	ppb
Sodium	23-2	63.34	60.73	59.10	61.06	3.50	ppb
Strontium	86-1	-0.09	-0.06	-0.12	-0.09		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	18.70	ppb
Sulfur	34-1	-1441.33	-1757.66	-1068.67	-1422.56		ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	-0.08	-0.07	-0.08	-0.08		ppb
Thallium	205-1	-0.07	-0.06	-0.07	-0.07		ppb

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	CCB03	Instrumnet Name :	P7
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 17:34:29	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.01	0.00	0.01	30.57	ppb
Tin	118-1	0.02	0.02	0.04	0.02	54.55	ppb
Titanium	47-1	0.15	0.06	0.04	0.08	73.86	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	62.57	ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	60.19	ppb
Yttrium	89-1				104		%
Yttrium	89-2				101		%
Zinc	66-2	0.34	0.23	0.17	0.25	36.32	ppb
Zirconium	90-1	0.02	0.02	0.03	0.02	29.52	ppb
Zirconium	91-1	0.03	0.03	0.05	0.04	26.53	ppb

LB Number : LB113411 Operator : JASWAL
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-04 14:03:13 DataFile Name : 003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	267	242	167	225	23.13	cps
Antimony	121-1	142	42	58	81	66.51	cps
Arsenic	75-2	7	7	13	9	34.60	cps
Barium	135-1	17	0	17	11	86.60	cps
Barium	137-1	17	8	17	14	34.67	cps
Beryllium	9-1	50	44	56	50	11.11	cps
Bismuth	209-1	4464204	4322688	4441930	4409607	1.73	cps
Bismuth	209-2	3359635	3236008	3246676	3280773	2.09	cps
Boron	10-1	367	300	325	331	10.19	cps
Boron	11-1	1758	1809	1850	1806	2.54	cps
Bromine	81-1	6001	6435	6443	6293	4.02	cps
Bromine	81-2	40	60	50	50	20.00	cps
Cadmium	111-1	2151	1990	2212	2118	5.43	cps
Cadmium	106-1	4301	3992	4409	4234	5.11	cps
Cadmium	108-1	17	21	13	17	24.99	cps
Calcium	43-1	267	283	283	278	3.46	cps
Calcium	44-1	12359	12526	11683	12189	3.66	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1113	1143	1067	1108	3.49	cps
Cobalt	59-2	87	77	107	90	16.97	cps
Copper	63-2	1587	1360	1387	1445	8.58	cps
Dysprosium	156-1	0	8	17	8	100.02	cps
Dysprosium	156-2	3	10	3	6	69.34	cps
Erbium	164-1	8	33	42	28	62.46	cps
Erbium	164-2	37	17	30	28	36.66	cps
Gadolinium	160-1	67	50	100	72	35.25	cps
Gadolinium	160-2	47	63	50	53	16.53	cps
Holmium	165-1	6976572	6828335	6963268	6922725	1.18	cps
Holmium	165-2	4802084	4610772	4597122	4669993	2.45	cps
Indium	115-1	5568606	5421341	5536047	5508664	1.40	cps
Indium	115-2	1836321	1770959	1772370	1793217	2.08	cps
Iron	56-2	9431	9498	9342	9424	0.83	cps
Iron	57-2	406	256	311	324	23.40	cps

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 14:03:13	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1301	1452	1371	1375	5.47	cps
Krypton	83-1	1173	937	1070	1060	11.19	cps
Lead	206-1	617	583	611	604	2.96	cps
Lead	207-1	511	511	572	532	6.64	cps
Lead	208-1	2495	2439	2445	2459	1.24	cps
Lithium	6-1	1923391	1879951	1908029	1903790	1.16	cps
Magnesium	24-2	483	708	700	631	20.23	cps
Manganese	55-2	90	103	120	104	14.39	cps
Molybdenum	94-1	167	175	158	167	5.00	cps
Molybdenum	95-1	108	17	92	72	67.61	cps
Molybdenum	96-1	133	183	133	150	19.24	cps
Molybdenum	97-1	42	50	50	47	10.18	cps
Molybdenum	98-1	142	67	83	97	40.50	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	120	140	183	148	21.91	cps
Phosphorus	31-2	1575	1758	1417	1583	10.80	cps
Potassium	39-2	80040	77803	78088	78644	1.55	cps
Rhodium	103-1	5459811	5291027	5384566	5378468	1.57	cps
Rhodium	103-2	3416258	3270282	3292838	3326459	2.36	cps
Scandium	45-1	4091138	3972593	4052425	4038718	1.50	cps
Scandium	45-2	328806	313657	315140	319201	2.62	cps
Selenium	82-1	-170	88	25	-19	-712.38	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	148	148	156	151	2.84	cps
Silicon	28-1	653368	657379	659109	656619	0.45	cps
Silver	107-1	108	83	142	111	26.34	cps
Silver	109-1	67	17	25	36	74.18	cps
Sodium	23-2	18236	17652	17803	17897	1.69	cps
Strontium	86-1	1817	1742	1642	1733	5.07	cps
Strontium	88-1	125	133	150	136	9.35	cps
Sulfur	34-1	608773	613606	611503	611294	0.40	cps
Terbium	159-1	7320170	7119539	7246396	7228702	1.40	cps
Terbium	159-2	4891685	4682753	4690381	4754940	2.49	cps
Thallium	203-1	917	1025	1083	1008	8.39	cps
Thallium	205-1	2420	2187	2388	2331	5.42	cps

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 14:03:13	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	439	439	394	424	6.05	cps
Tin	118-1	533	583	625	581	7.91	cps
Titanium	47-1	125	100	83	103	20.40	cps
Uranium	238-1	-46	-37	0	-28	-86.79	cps
Vanadium	51-2	20	10	17	16	32.73	cps
Yttrium	89-1	9420160	9046355	9320228	9262248	2.09	cps
Yttrium	89-2	2338167	2275791	2257684	2290547	1.84	cps
Zinc	66-2	150	170	137	152	11.02	cps
Zirconium	90-1	442	383	600	475	23.60	cps
Zirconium	91-1	50	42	83	58	37.80	cps

LB Number : LB113411 Operator : JASWAL
 Lab Sample ID : S2 Instrumnet Name : P7
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-04 14:09:34 DataFile Name : 005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3050	2942	2900	2964	2.61	cps
Antimony	121-1	13156	13040	13432	13209	1.52	cps
Arsenic	75-2	389	381	359	377	4.09	cps
Barium	135-1	15150	14533	14750	14811	2.11	cps
Barium	137-1	25582	25766	26401	25916	1.66	cps
Beryllium	9-1	1778	1700	1633	1704	4.24	cps
Bismuth	209-1	4493310	4383258	4607358	4494642	2.49	cps
Bismuth	209-2	3557755	3337108	3297352	3397405	4.13	cps
Boron	10-1	4718	4859	5084	4887	3.78	cps
Boron	11-1	22409	22492	22651	22517	0.55	cps
Bromine	81-1	6143	6335	6652	6377	4.03	cps
Bromine	81-2	70	40	50	53	28.64	cps
Cadmium	111-1	3865	3873	3706	3814	2.47	cps
Cadmium	106-1	4809	4284	4576	4556	5.77	cps
Cadmium	108-1	188	171	142	167	13.92	cps
Calcium	43-1	11046	11029	11421	11166	1.98	cps
Calcium	44-1	184183	181667	181868	182573	0.77	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7309	7192	7559	7353	2.55	cps
Cobalt	59-2	4798	4787	4747	4777	0.55	cps
Copper	63-2	7525	7589	7239	7451	2.50	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	13	3	7	8	65.47	cps
Erbium	164-1	42	17	50	36	48.03	cps
Erbium	164-2	17	13	7	12	41.65	cps
Gadolinium	160-1	58	75	42	58	28.57	cps
Gadolinium	160-2	67	107	83	86	23.48	cps
Holmium	165-1	7171202	6807931	7267246	7082126	3.42	cps
Holmium	165-2	5074840	4801631	4657941	4844804	4.37	cps
Indium	115-1	5598810	5387950	5708819	5565193	2.93	cps
Indium	115-2	1956231	1838295	1798811	1864446	4.39	cps
Iron	56-2	146864	145472	144726	145687	0.74	cps
Iron	57-2	3634	3773	3728	3712	1.91	cps

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 14:09:34	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	8772	9523	9142	9146	4.11	cps
Krypton	83-1	987	1023	1173	1061	9.32	cps
Lead	206-1	5412	5423	5240	5359	1.92	cps
Lead	207-1	4779	4723	4784	4762	0.71	cps
Lead	208-1	21930	21112	21485	21509	1.90	cps
Lithium	6-1	1925454	1864969	1952322	1914248	2.34	cps
Magnesium	24-2	141091	139249	138324	139555	1.01	cps
Manganese	55-2	2194	2254	2207	2218	1.42	cps
Molybdenum	94-1	13865	13740	13423	13676	1.67	cps
Molybdenum	95-1	16026	17403	16777	16735	4.12	cps
Molybdenum	96-1	17736	17995	17786	17839	0.77	cps
Molybdenum	97-1	10162	10287	10296	10248	0.73	cps
Molybdenum	98-1	26066	26617	27719	26801	3.14	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1417	1420	1423	1420	0.23	cps
Phosphorus	31-2	1408	1158	1592	1386	15.69	cps
Potassium	39-2	228642	227560	229666	228623	0.46	cps
Rhodium	103-1	5464502	5285126	5573566	5441065	2.68	cps
Rhodium	103-2	3631157	3415727	3322102	3456329	4.59	cps
Scandium	45-1	4125743	3955208	4198348	4093100	3.05	cps
Scandium	45-2	346934	325076	318665	330225	4.49	cps
Selenium	82-1	594	500	396	497	19.93	cps
Selenium	77-2	67	53	53	58	13.33	cps
Selenium	78-2	293	300	259	284	7.64	cps
Silicon	28-1	717824	718809	716920	717851	0.13	cps
Silver	107-1	7944	7694	8052	7897	2.33	cps
Silver	109-1	7194	7294	7602	7363	2.89	cps
Sodium	23-2	258541	254940	256753	256744	0.70	cps
Strontium	86-1	3225	3709	3292	3409	7.69	cps
Strontium	88-1	18412	16635	18145	17731	5.40	cps
Sulfur	34-1	627421	629623	629134	628726	0.18	cps
Terbium	159-1	7291868	7094452	7479503	7288608	2.64	cps
Terbium	159-2	5211745	4927340	4771709	4970265	4.49	cps
Thallium	203-1	6443	6777	6702	6641	2.63	cps
Thallium	205-1	15517	14949	15637	15368	2.39	cps

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 14:09:34	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	339	339	356	344	2.79	cps
Tin	118-1	24781	25641	25857	25426	2.24	cps
Titanium	47-1	5226	5376	4976	5193	3.89	cps
Uranium	238-1	18954	18960	17646	18520	4.09	cps
Vanadium	51-2	13546	13580	13359	13495	0.88	cps
Yttrium	89-1	9455029	9036671	9660842	9384181	3.39	cps
Yttrium	89-2	2507398	2360392	2288991	2385593	4.67	cps
Zinc	66-2	1277	1293	1200	1257	3.96	cps
Zirconium	90-1	11071	10679	11013	10921	1.94	cps
Zirconium	91-1	2359	2267	2350	2325	2.18	cps

LB Number : LB113411 Operator : JASWAL
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-04 14:12:39 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	138948	138174	135458	137527	1.33	cps
Antimony	121-1	326943	329381	330735	329020	0.58	cps
Arsenic	75-2	18592	18397	18198	18396	1.07	cps
Barium	135-1	381676	380611	380643	380976	0.16	cps
Barium	137-1	653674	660219	655216	656370	0.52	cps
Beryllium	9-1	81707	83053	81294	82018	1.12	cps
Bismuth	209-1	4449221	4471642	4488353	4469739	0.44	cps
Bismuth	209-2	3306228	3311840	3323083	3313717	0.26	cps
Boron	10-1	8161	9270	9470	8967	7.87	cps
Boron	11-1	41858	44290	45962	44037	4.69	cps
Bromine	81-1	6252	6235	6093	6193	1.41	cps
Bromine	81-2	80	20	50	50	60.00	cps
Cadmium	111-1	85197	84552	84413	84721	0.49	cps
Cadmium	106-1	14024	13599	13423	13682	2.26	cps
Cadmium	108-1	6422	6477	6556	6485	1.03	cps
Calcium	43-1	109729	109074	110367	109723	0.59	cps
Calcium	44-1	1755828	1778900	1772000	1768909	0.67	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	161601	158878	159886	160122	0.86	cps
Cobalt	59-2	240577	239516	237000	239031	0.77	cps
Copper	63-2	1602616	1606857	1595912	1601795	0.34	cps
Dysprosium	156-1	67	33	8	36	81.06	cps
Dysprosium	156-2	33	20	20	24	31.49	cps
Erbium	164-1	50	50	75	58	24.74	cps
Erbium	164-2	27	27	10	21	45.58	cps
Gadolinium	160-1	92	67	42	67	37.50	cps
Gadolinium	160-2	73	90	63	76	17.83	cps
Holmium	165-1	6977510	6939443	7040152	6985702	0.73	cps
Holmium	165-2	4717273	4782580	4740093	4746649	0.70	cps
Indium	115-1	5556465	5534105	5537870	5542813	0.22	cps
Indium	115-2	1794470	1818665	1797149	1803428	0.74	cps
Iron	56-2	6672685	6707471	6622028	6667395	0.64	cps
Iron	57-2	171236	172134	170200	171190	0.57	cps

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 14:12:39	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	394546	391488	390177	392070	0.57	cps
Krypton	83-1	1127	1130	1120	1126	0.45	cps
Lead	206-1	1187209	1173661	1188987	1183286	0.71	cps
Lead	207-1	1057430	1067385	1073538	1066118	0.76	cps
Lead	208-1	4807850	4810275	4824395	4814173	0.19	cps
Lithium	6-1	1906707	1887991	1912916	1902538	0.68	cps
Magnesium	24-2	1461453	1459383	1450387	1457075	0.40	cps
Manganese	55-2	1053111	1050640	1035292	1046348	0.92	cps
Molybdenum	94-1	686196	694419	691515	690710	0.60	cps
Molybdenum	95-1	862426	866959	871241	866875	0.51	cps
Molybdenum	96-1	958916	955743	942125	952261	0.94	cps
Molybdenum	97-1	532278	532069	533992	532780	0.20	cps
Molybdenum	98-1	1379101	1368570	1380398	1376023	0.47	cps
Neodymium	150-1	40	33	47	40	16.68	cps
Neodymium	150-2	7	7	7	7	0.00	cps
Nickel	60-2	62405	62144	62218	62256	0.22	cps
Phosphorus	31-2	9478	9145	8953	9192	2.89	cps
Potassium	39-2	857835	867993	860523	862117	0.61	cps
Rhodium	103-1	5382738	5382124	5413849	5392904	0.34	cps
Rhodium	103-2	3311147	3359045	3323875	3331356	0.74	cps
Scandium	45-1	4070562	4038588	4069494	4059548	0.45	cps
Scandium	45-2	316152	319665	319879	318565	0.66	cps
Selenium	82-1	5290	5360	5558	5403	2.58	cps
Selenium	77-2	440	437	473	450	4.51	cps
Selenium	78-2	1739	1774	1717	1743	1.66	cps
Silicon	28-1	929667	944181	951127	941658	1.16	cps
Silver	107-1	403179	408229	412852	408087	1.19	cps
Silver	109-1	383931	383676	387292	384966	0.52	cps
Sodium	23-2	2460666	2465529	2460120	2462105	0.12	cps
Strontium	86-1	104200	101657	100994	102284	1.65	cps
Strontium	88-1	873283	869207	869532	870674	0.26	cps
Sulfur	34-1	673274	667256	680443	673658	0.98	cps
Terbium	159-1	7352332	7222018	7300082	7291477	0.90	cps
Terbium	159-2	4805357	4889957	4838671	4844662	0.88	cps
Thallium	203-1	289248	288979	288473	288900	0.14	cps
Thallium	205-1	675105	664876	674121	671367	0.84	cps

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 14:12:39	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	1006444	1008698	1003200	1006114	0.27	cps
Tin	118-1	260532	253191	255448	256390	1.47	cps
Titanium	47-1	250230	251122	247484	249612	0.76	cps
Uranium	238-1	820040	826890	806727	817886	1.25	cps
Vanadium	51-2	135306	134987	133466	134586	0.73	cps
Yttrium	89-1	9351430	9415432	9406515	9391126	0.37	cps
Yttrium	89-2	2293794	2331188	2286443	2303808	1.04	cps
Zinc	66-2	272309	271274	267673	270419	0.90	cps
Zirconium	90-1	544450	548856	544439	545915	0.47	cps
Zirconium	91-1	120940	120477	121737	121051	0.53	cps

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 14:15:45	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	330197	327091	334490	330592	1.12	cps
Antimony	121-1	817489	824400	831651	824513	0.86	cps
Arsenic	75-2	44663	45043	44791	44832	0.43	cps
Barium	135-1	939559	944582	957373	947171	0.97	cps
Barium	137-1	1644501	1657626	1644394	1648840	0.46	cps
Beryllium	9-1	202884	206134	205424	204814	0.83	cps
Bismuth	209-1	4482219	4511674	4573131	4522341	1.03	cps
Bismuth	209-2	3264128	3423193	2974533	3220618	7.06	cps
Boron	10-1	21199	21941	23828	22322	6.07	cps
Boron	11-1	98846	106203	108545	104532	4.84	cps
Bromine	81-1	6143	6360	5901	6135	3.74	cps
Bromine	81-2	70	40	20	43	58.08	cps
Cadmium	111-1	204824	208070	209352	207415	1.13	cps
Cadmium	106-1	28446	28287	28112	28281	0.59	cps
Cadmium	108-1	16626	16205	16760	16531	1.75	cps
Calcium	43-1	265816	270395	270972	269061	1.05	cps
Calcium	44-1	4340301	4364315	4360640	4355085	0.30	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	386420	387872	388538	387610	0.28	cps
Cobalt	59-2	576542	576880	577885	577102	0.12	cps
Copper	63-2	3846569	3841473	3869068	3852370	0.38	cps
Dysprosium	156-1	83	67	50	67	25.00	cps
Dysprosium	156-2	47	47	37	43	13.32	cps
Erbium	164-1	33	42	50	42	20.00	cps
Erbium	164-2	50	13	17	27	76.04	cps
Gadolinium	160-1	117	108	125	117	7.14	cps
Gadolinium	160-2	87	70	100	86	17.57	cps
Holmium	165-1	7100802	7191610	7254942	7182451	1.08	cps
Holmium	165-2	4711251	4925216	4252263	4629577	7.43	cps
Indium	115-1	5505110	5533290	5583131	5540510	0.71	cps
Indium	115-2	1739424	1831167	1576881	1715824	7.51	cps
Iron	56-2	15994493	15932878	16195833	16041068	0.86	cps
Iron	57-2	412500	416146	414946	414531	0.45	cps

LB Number : LB113411 Operator : JASWAL
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-04 14:15:45 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	946111	940842	952055	946336	0.59	cps
Krypton	83-1	1100	893	1000	998	10.36	cps
Lead	206-1	2992881	2992288	3013001	2999390	0.39	cps
Lead	207-1	2674618	2699038	2719842	2697833	0.84	cps
Lead	208-1	12178635	12255610	12402765	12279003	0.93	cps
Lithium	6-1	1918445	1949025	1959891	1942454	1.11	cps
Magnesium	24-2	3522100	3518437	3571903	3537480	0.84	cps
Manganese	55-2	2517929	2530812	2554370	2534370	0.73	cps
Molybdenum	94-1	1715915	1714895	1723949	1718253	0.29	cps
Molybdenum	95-1	2151307	2166490	2166445	2161414	0.40	cps
Molybdenum	96-1	2372199	2377446	2388916	2379520	0.36	cps
Molybdenum	97-1	1332157	1339912	1342498	1338189	0.40	cps
Molybdenum	98-1	3414843	3449206	3484171	3449406	1.00	cps
Neodymium	150-1	120	73	53	82	41.61	cps
Neodymium	150-2	17	17	20	18	10.81	cps
Nickel	60-2	148398	149758	149697	149285	0.51	cps
Phosphorus	31-2	21199	20348	20314	20620	2.43	cps
Potassium	39-2	1967163	1965425	1969154	1967248	0.09	cps
Rhodium	103-1	5329187	5349370	5406373	5361644	0.75	cps
Rhodium	103-2	3197441	3351922	2911146	3153503	7.09	cps
Scandium	45-1	4041260	4049921	3998649	4029943	0.68	cps
Scandium	45-2	308603	320165	275668	301479	7.66	cps
Selenium	82-1	13313	13613	13481	13469	1.11	cps
Selenium	77-2	1223	1253	1120	1199	5.83	cps
Selenium	78-2	3975	3917	4017	3970	1.26	cps
Silicon	28-1	1291703	1305570	1300416	1299230	0.54	cps
Silver	107-1	1003147	1014036	1018766	1011983	0.79	cps
Silver	109-1	966154	956106	962124	961462	0.53	cps
Sodium	23-2	5515194	5602435	5610313	5575981	0.95	cps
Strontium	86-1	248269	250854	248320	249147	0.59	cps
Strontium	88-1	2128425	2148808	2161420	2146218	0.78	cps
Sulfur	34-1	723391	717908	713437	718245	0.69	cps
Terbium	159-1	7298262	7456556	7415695	7390171	1.11	cps
Terbium	159-2	4733563	4975745	4308029	4672446	7.23	cps
Thallium	203-1	728771	733796	743409	735325	1.01	cps
Thallium	205-1	1664344	1685523	1703700	1684522	1.17	cps

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 14:15:45	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	2575778	2602245	2598128	2592050	0.55	cps
Tin	118-1	626583	630045	633483	630037	0.55	cps
Titanium	47-1	612516	614498	613597	613537	0.16	cps
Uranium	238-1	2103631	2113050	2128693	2115125	0.60	cps
Vanadium	51-2	325254	325798	327622	326225	0.38	cps
Yttrium	89-1	9307937	9438793	9435891	9394207	0.80	cps
Yttrium	89-2	2231562	2330416	2021100	2194359	7.20	cps
Zinc	66-2	651881	652533	656905	653773	0.42	cps
Zirconium	90-1	1364562	1381346	1385934	1377281	0.82	cps
Zirconium	91-1	305108	308859	309107	307691	0.73	cps

LB Number : LB113411 Operator : JASWAL
 Lab Sample ID : S5 Instrumnet Name : P7
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-04 14:18:49 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	640833	635407	633074	636438	0.63	cps
Antimony	121-1	1645887	1634091	1647686	1642554	0.45	cps
Arsenic	75-2	87336	87047	86922	87102	0.24	cps
Barium	135-1	1895739	1893642	1893418	1894267	0.07	cps
Barium	137-1	3299301	3242047	3271422	3270924	0.88	cps
Beryllium	9-1	404713	398685	402314	401904	0.76	cps
Bismuth	209-1	4484151	4433142	4469277	4462190	0.59	cps
Bismuth	209-2	3219407	3213918	3218731	3217352	0.09	cps
Boron	10-1	42736	43371	44407	43505	1.94	cps
Boron	11-1	201914	207649	213832	207798	2.87	cps
Bromine	81-1	5701	5993	6018	5904	2.98	cps
Bromine	81-2	20	50	30	33	45.83	cps
Cadmium	111-1	408646	400281	411311	406746	1.41	cps
Cadmium	106-1	51678	49261	51444	50794	2.62	cps
Cadmium	108-1	32387	32445	32061	32298	0.64	cps
Calcium	43-1	532956	524266	533478	530233	0.98	cps
Calcium	44-1	7768998	7783370	7812447	7788272	0.28	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	744086	749655	739102	744281	0.71	cps
Cobalt	59-2	1123359	1118185	1104054	1115199	0.90	cps
Copper	63-2	7380090	7344603	7431840	7385511	0.59	cps
Dysprosium	156-1	108	92	225	142	51.28	cps
Dysprosium	156-2	90	80	110	93	16.37	cps
Erbium	164-1	33	25	42	33	25.01	cps
Erbium	164-2	20	23	30	24	20.83	cps
Gadolinium	160-1	208	100	108	139	43.41	cps
Gadolinium	160-2	203	110	147	153	30.67	cps
Holmium	165-1	7028620	7077066	7203912	7103199	1.27	cps
Holmium	165-2	4635087	4657990	4649178	4647418	0.25	cps
Indium	115-1	5416669	5337849	5394670	5383063	0.76	cps
Indium	115-2	1695381	1698776	1703047	1699068	0.23	cps
Iron	56-2	31253605	31410724	30827211	31163847	0.97	cps
Iron	57-2	808603	808389	800402	805798	0.58	cps

LB Number : LB113411 Operator : JASWAL
 Lab Sample ID : S5 Instrumnet Name : P7
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-04 14:18:49 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1854178	1842602	1831624	1842801	0.61	cps
Krypton	83-1	927	993	1033	984	5.47	cps
Lead	206-1	6026522	6048910	6053482	6042971	0.24	cps
Lead	207-1	5427237	5413106	5482384	5440909	0.67	cps
Lead	208-1	25260566	24993826	25475644	25243345	0.96	cps
Lithium	6-1	1911879	1898968	1907488	1906112	0.34	cps
Magnesium	24-2	6478119	6460097	6467728	6468648	0.14	cps
Manganese	55-2	4925703	4953941	4900996	4926880	0.54	cps
Molybdenum	94-1	3391502	3343654	3418000	3384385	1.11	cps
Molybdenum	95-1	4251253	4243312	4256453	4250339	0.16	cps
Molybdenum	96-1	4690379	4685736	4693349	4689821	0.08	cps
Molybdenum	97-1	2635474	2606990	2640230	2627565	0.68	cps
Molybdenum	98-1	6521323	6433595	6530310	6495076	0.82	cps
Neodymium	150-1	167	193	160	173	10.18	cps
Neodymium	150-2	30	37	30	32	11.95	cps
Nickel	60-2	288087	289677	284319	287361	0.96	cps
Phosphorus	31-2	37915	38976	37807	38233	1.69	cps
Potassium	39-2	3749105	3757814	3711136	3739352	0.66	cps
Rhodium	103-1	5205754	5134408	5173623	5171262	0.69	cps
Rhodium	103-2	3120495	3110115	3116843	3115818	0.17	cps
Scandium	45-1	3927655	3850026	3875314	3884332	1.02	cps
Scandium	45-2	297835	300942	298209	298995	0.57	cps
Selenium	82-1	26418	26274	26263	26318	0.33	cps
Selenium	77-2	2340	2050	2057	2149	7.70	cps
Selenium	78-2	7296	7383	7333	7338	0.60	cps
Silicon	28-1	1889894	1892598	1887897	1890130	0.12	cps
Silver	107-1	1992926	1978789	2000447	1990721	0.55	cps
Silver	109-1	1891839	1885004	1885999	1887614	0.20	cps
Sodium	23-2	10909886	10797320	10787219	10831475	0.63	cps
Strontium	86-1	485703	487610	485627	486313	0.23	cps
Strontium	88-1	4270373	4228117	4246818	4248436	0.50	cps
Sulfur	34-1	784301	783928	779142	782457	0.37	cps
Terbium	159-1	7349233	7312536	7337948	7333239	0.26	cps
Terbium	159-2	4644906	4705784	4720925	4690538	0.86	cps
Thallium	203-1	1457817	1455113	1482521	1465150	1.03	cps
Thallium	205-1	3380897	3382108	3401106	3388037	0.33	cps

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 14:18:49	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	5316019	5265021	5326062	5302367	0.62	cps
Tin	118-1	1246109	1244435	1255533	1248692	0.48	cps
Titanium	47-1	1203371	1194993	1202959	1200441	0.39	cps
Uranium	238-1	4290401	4298514	4246260	4278392	0.66	cps
Vanadium	51-2	633047	633958	632632	633212	0.11	cps
Yttrium	89-1	9229230	8985043	9220020	9144764	1.51	cps
Yttrium	89-2	2163120	2165234	2180237	2169530	0.43	cps
Zinc	66-2	1268041	1268258	1258019	1264772	0.46	cps
Zirconium	90-1	2722509	2683696	2724190	2710132	0.85	cps
Zirconium	91-1	610538	596935	603324	603599	1.13	cps

LB Number : LB113411 Operator : JASWAL
 Lab Sample ID : S6 Instrumnet Name : P7
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-04 14:21:52 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1266195	1267672	1271201	1268356	0.20	cps
Antimony	121-1	3295180	3281460	3275150	3283930	0.31	cps
Arsenic	75-2	173790	171878	173130	172932	0.56	cps
Barium	135-1	3785945	3802768	3795616	3794776	0.22	cps
Barium	137-1	6520535	6613926	6536288	6556917	0.76	cps
Beryllium	9-1	798647	799578	787917	795381	0.81	cps
Bismuth	209-1	4482710	4435497	4473822	4464010	0.56	cps
Bismuth	209-2	3205987	3208060	3247018	3220355	0.72	cps
Boron	10-1	84024	87485	90092	87200	3.49	cps
Boron	11-1	391751	408586	422635	407658	3.79	cps
Bromine	81-1	5993	5510	5368	5623	5.83	cps
Bromine	81-2	50	20	30	33	45.83	cps
Cadmium	111-1	809127	801842	801470	804146	0.54	cps
Cadmium	106-1	97123	96350	97375	96949	0.55	cps
Cadmium	108-1	64345	63545	63324	63738	0.84	cps
Calcium	43-1	1022374	1035328	1028077	1028593	0.63	cps
Calcium	44-1	15095514	15132657	15030337	15086169	0.34	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1481681	1470758	1477031	1476490	0.37	cps
Cobalt	59-2	2207601	2192639	2206873	2202371	0.38	cps
Copper	63-2	14695959	14502570	14499939	14566156	0.77	cps
Dysprosium	156-1	325	225	258	269	18.90	cps
Dysprosium	156-2	190	213	220	208	7.58	cps
Erbium	164-1	117	108	142	122	14.19	cps
Erbium	164-2	60	70	50	60	16.67	cps
Gadolinium	160-1	325	258	350	311	15.23	cps
Gadolinium	160-2	220	260	273	251	11.05	cps
Holmium	165-1	7204550	7203319	7058299	7155389	1.18	cps
Holmium	165-2	4667800	4618065	4734481	4673449	1.25	cps
Indium	115-1	5317495	5327763	5290933	5312064	0.36	cps
Indium	115-2	1663984	1672370	1691320	1675891	0.84	cps
Iron	56-2	62097729	62650078	61988285	62245364	0.57	cps
Iron	57-2	1590532	1591126	1599103	1593587	0.30	cps

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 14:21:52	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	3626657	3650253	3675208	3650706	0.67	cps
Krypton	83-1	1023	1093	923	1013	8.43	cps
Lead	206-1	12745835	12820782	12916154	12827591	0.67	cps
Lead	207-1	11760085	11542870	11789214	11697390	1.15	cps
Lead	208-1	52552125	51733096	52703846	52329689	1.00	cps
Lithium	6-1	1905786	1882928	1890128	1892947	0.62	cps
Magnesium	24-2	12769017	12657686	12860791	12762498	0.80	cps
Manganese	55-2	9397990	9603060	9600073	9533708	1.23	cps
Molybdenum	94-1	6512495	6494903	6531793	6513063	0.28	cps
Molybdenum	95-1	8202303	8110663	8063627	8125531	0.87	cps
Molybdenum	96-1	8877808	9018473	8832502	8909594	1.09	cps
Molybdenum	97-1	5206262	5257385	5216369	5226672	0.52	cps
Molybdenum	98-1	12781343	12901096	12864033	12848824	0.48	cps
Neodymium	150-1	387	287	340	338	14.81	cps
Neodymium	150-2	77	70	123	90	32.29	cps
Nickel	60-2	563678	562501	564263	563481	0.16	cps
Phosphorus	31-2	73824	73498	72878	73400	0.65	cps
Potassium	39-2	6796006	6791745	6742169	6776640	0.44	cps
Rhodium	103-1	5085647	5039133	5068349	5064377	0.46	cps
Rhodium	103-2	3075866	3085924	3113122	3091637	0.62	cps
Scandium	45-1	3809882	3795128	3787809	3797606	0.30	cps
Scandium	45-2	291427	297477	297444	295449	1.18	cps
Selenium	82-1	51353	51444	51551	51450	0.19	cps
Selenium	77-2	4461	4327	4344	4377	1.66	cps
Selenium	78-2	14808	14854	14743	14801	0.38	cps
Silicon	28-1	2962897	2983044	2956465	2967469	0.47	cps
Silver	107-1	3923284	3913438	3928465	3921729	0.19	cps
Silver	109-1	3724757	3695377	3702704	3707613	0.41	cps
Sodium	23-2	21259539	21159863	21320855	21246752	0.38	cps
Strontium	86-1	962980	957627	955861	958822	0.39	cps
Strontium	88-1	8213778	8204293	8187319	8201797	0.16	cps
Sulfur	34-1	901718	888923	877469	889370	1.36	cps
Terbium	159-1	7405328	7382602	7427112	7405014	0.30	cps
Terbium	159-2	4738903	4705546	4768414	4737621	0.66	cps
Thallium	203-1	2923313	2991498	2951167	2955326	1.16	cps
Thallium	205-1	7185847	7158634	7176428	7173637	0.19	cps

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 14:21:52	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	11636872	11439253	11620927	11565684	0.95	cps
Tin	118-1	2482268	2499429	2489026	2490241	0.35	cps
Titanium	47-1	2353477	2349633	2332325	2345145	0.48	cps
Uranium	238-1	9452044	9203283	9417208	9357512	1.44	cps
Vanadium	51-2	1260878	1257803	1261409	1260030	0.15	cps
Yttrium	89-1	9115165	9025879	9071134	9070726	0.49	cps
Yttrium	89-2	2146352	2151995	2175532	2157960	0.72	cps
Zinc	66-2	2513620	2510239	2528923	2517594	0.40	cps
Zirconium	90-1	5407433	5406274	5370313	5394673	0.39	cps
Zirconium	91-1	1194088	1196908	1187966	1192988	0.38	cps

LB Number : LB113411 Operator : JASWAL
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-04 14:24:47 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2496548	2480537	2433998	2470361	1.32	cps
Antimony	121-1	6459007	6481488	6487187	6475894	0.23	cps
Arsenic	75-2	341731	342902	332868	339167	1.62	cps
Barium	135-1	7669272	7578365	7561980	7603206	0.76	cps
Barium	137-1	13116244	13011670	13124065	13083993	0.48	cps
Beryllium	9-1	1535574	1545353	1544373	1541767	0.35	cps
Bismuth	209-1	4468279	4467703	3618157	4184713	11.72	cps
Bismuth	209-2	3401590	3402602	3128310	3310834	4.77	cps
Boron	10-1	169051	174755	175016	172941	1.95	cps
Boron	11-1	786961	818863	826729	810851	2.60	cps
Bromine	81-1	5676	5409	5309	5465	3.47	cps
Bromine	81-2	60	30	70	53	39.03	cps
Cadmium	111-1	1571747	1572784	1581507	1575346	0.34	cps
Cadmium	106-1	188040	185633	184596	186090	0.95	cps
Cadmium	108-1	124926	126573	124754	125418	0.80	cps
Calcium	43-1	2025175	2027395	2015604	2022725	0.31	cps
Calcium	44-1	29550139	29602640	29557108	29569963	0.10	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2904129	2883019	2822869	2870006	1.47	cps
Cobalt	59-2	4325042	4259432	4189428	4257967	1.59	cps
Copper	63-2	28197120	28042203	27428025	27889116	1.46	cps
Dysprosium	156-1	533	667	717	639	14.83	cps
Dysprosium	156-2	363	400	317	360	11.60	cps
Erbium	164-1	242	142	183	189	26.59	cps
Erbium	164-2	110	87	97	98	11.97	cps
Gadolinium	160-1	525	558	525	536	3.59	cps
Gadolinium	160-2	357	483	417	419	15.13	cps
Holmium	165-1	7202500	7266458	5874608	6781189	11.59	cps
Holmium	165-2	5025029	5004818	4565875	4865241	5.33	cps
Indium	115-1	5213407	5208509	4217561	4879826	11.75	cps
Indium	115-2	1737535	1758548	1615409	1703831	4.54	cps
Iron	56-2	121519783	120318836	118241778	120026799	1.38	cps
Iron	57-2	3135601	3106913	3066405	3102973	1.12	cps

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 14:24:47	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	6838043	6773624	6631256	6747641	1.57	cps
Krypton	83-1	983	973	893	950	5.19	cps
Lead	206-1	25202052	25783694	25528384	25504710	1.14	cps
Lead	207-1	23061339	23050252	23400455	23170682	0.86	cps
Lead	208-1	103415437	104355517	105124704	104298553	0.82	cps
Lithium	6-1	1874250	1873137	1573375	1773587	9.78	cps
Magnesium	24-2	24860244	24696880	24233921	24597015	1.32	cps
Manganese	55-2	18697516	18422071	18231271	18450286	1.27	cps
Molybdenum	94-1	12741868	12930142	12738363	12803458	0.86	cps
Molybdenum	95-1	16075793	16093033	16135049	16101291	0.19	cps
Molybdenum	96-1	17776240	17629429	17618518	17674729	0.50	cps
Molybdenum	97-1	10014769	9893722	9949259	9952583	0.61	cps
Molybdenum	98-1	25480192	25657838	25747972	25628667	0.53	cps
Neodymium	150-1	660	760	767	729	8.20	cps
Neodymium	150-2	197	210	190	199	5.12	cps
Nickel	60-2	1094637	1081206	1060481	1078774	1.60	cps
Phosphorus	31-2	144861	146378	141009	144083	1.92	cps
Potassium	39-2	13219325	13215882	12828060	13087756	1.72	cps
Rhodium	103-1	4964299	4981741	4047151	4664397	11.46	cps
Rhodium	103-2	3217985	3241877	2960653	3140172	4.97	cps
Scandium	45-1	3761484	3756284	3071917	3529895	11.24	cps
Scandium	45-2	311467	312810	290475	304917	4.11	cps
Selenium	82-1	101507	102266	101933	101902	0.37	cps
Selenium	77-2	8609	8536	8319	8488	1.78	cps
Selenium	78-2	28929	28714	28268	28637	1.18	cps
Silicon	28-1	4776475	4851986	4829470	4819310	0.80	cps
Silver	107-1	7603139	7605732	7536963	7581945	0.51	cps
Silver	109-1	7136660	7196690	7233305	7188885	0.68	cps
Sodium	23-2	41773601	41282127	40969308	41341679	0.98	cps
Strontium	86-1	1888011	1896755	1893391	1892719	0.23	cps
Strontium	88-1	16181133	16158036	16314819	16217996	0.52	cps
Sulfur	34-1	1172899	1164181	1157262	1164781	0.67	cps
Terbium	159-1	7475401	7571561	6110567	7052510	11.59	cps
Terbium	159-2	5012796	5033497	4647595	4897962	4.43	cps
Thallium	203-1	5881217	5922913	5928479	5910870	0.44	cps
Thallium	205-1	13938295	14098318	14099417	14045344	0.66	cps

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 14:24:47	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	23594288	23422176	23399122	23471862	0.45	cps
Tin	118-1	4909531	4942346	4971149	4941009	0.62	cps
Titanium	47-1	4651747	4646839	4655094	4651227	0.09	cps
Uranium	238-1	18749757	18865107	18959701	18858189	0.56	cps
Vanadium	51-2	2505670	2481504	2427856	2471677	1.61	cps
Yttrium	89-1	9101733	9062249	7445726	8536569	11.07	cps
Yttrium	89-2	2284490	2304257	2118517	2235755	4.56	cps
Zinc	66-2	4901410	4865592	4762039	4843014	1.49	cps
Zirconium	90-1	10411187	10335548	10262963	10336566	0.72	cps
Zirconium	91-1	2367881	2380600	2350162	2366214	0.65	cps

LB Number : LB113411 Operator : JASWAL
 Lab Sample ID : S8 Instrumnet Name : P7
 Client Sample ID : S8 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-04 14:27:44 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12232875	12101307	12068971	12134384	0.72	cps
Antimony	121-1	4326	4009	4201	4179	3.82	cps
Arsenic	75-2	141	163	178	160	11.62	cps
Barium	135-1	2875	2859	2717	2817	3.09	cps
Barium	137-1	5376	5234	4901	5171	4.72	cps
Beryllium	9-1	361	350	322	344	5.82	cps
Bismuth	209-1	4021729	4031433	4032651	4028604	0.15	cps
Bismuth	209-2	2936041	2967469	2949276	2950928	0.53	cps
Boron	10-1	6802	6210	5635	6215	9.39	cps
Boron	11-1	31817	28602	25555	28658	10.93	cps
Bromine	81-1	5968	5685	6177	5943	4.15	cps
Bromine	81-2	50	60	130	80	54.49	cps
Cadmium	111-1	2863	2736	2673	2757	3.51	cps
Cadmium	106-1	4326	4251	4342	4306	1.13	cps
Cadmium	108-1	83	92	158	111	37.00	cps
Calcium	43-1	9195943	9245684	9167074	9202900	0.43	cps
Calcium	44-1	147823792	148895664	148018279	148245912	0.39	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19139	19376	18982	19166	1.03	cps
Cobalt	59-2	6708	6815	6521	6682	2.22	cps
Copper	63-2	17834	18559	17444	17946	3.15	cps
Dysprosium	156-1	1942	1775	1742	1820	5.89	cps
Dysprosium	156-2	1200	1107	1147	1151	4.07	cps
Erbium	164-1	283	283	267	278	3.46	cps
Erbium	164-2	207	203	170	193	10.49	cps
Gadolinium	160-1	1934	1633	1809	1792	8.41	cps
Gadolinium	160-2	1403	1310	1400	1371	3.86	cps
Holmium	165-1	6866456	6894881	6866018	6875785	0.24	cps
Holmium	165-2	4567805	4618425	4610371	4598867	0.59	cps
Indium	115-1	5038182	5025565	5021981	5028576	0.17	cps
Indium	115-2	1643734	1659979	1648362	1650692	0.51	cps
Iron	56-2	605505058	603472036	593704680	600893925	1.05	cps
Iron	57-2	15069636	15058995	14984958	15037863	0.31	cps

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 14:27:44	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	33118059	33265713	32917170	33100314	0.53	cps
Krypton	83-1	960	943	943	949	1.01	cps
Lead	206-1	48153	48014	48092	48087	0.14	cps
Lead	207-1	43504	42914	43644	43354	0.89	cps
Lead	208-1	193824	196117	196461	195467	0.73	cps
Lithium	6-1	1806688	1822243	1850033	1826321	1.20	cps
Magnesium	24-2	123874486	124553915	122589849	123672750	0.81	cps
Manganese	55-2	12792	12559	12375	12575	1.66	cps
Molybdenum	94-1	5234	5226	4976	5146	2.85	cps
Molybdenum	95-1	6835	6627	6627	6696	1.80	cps
Molybdenum	96-1	8503	7911	8253	8222	3.61	cps
Molybdenum	97-1	4042	3834	4067	3981	3.22	cps
Molybdenum	98-1	10821	9895	9895	10204	5.24	cps
Neodymium	150-1	73	53	67	64	15.81	cps
Neodymium	150-2	13	13	13	13	0.00	cps
Nickel	60-2	5384	5291	5131	5269	2.43	cps
Phosphorus	31-2	1358	1300	1500	1386	7.42	cps
Potassium	39-2	66084979	66529162	65638247	66084129	0.67	cps
Rhodium	103-1	4681615	4649609	4652962	4661395	0.38	cps
Rhodium	103-2	2888739	2923407	2912394	2908180	0.61	cps
Scandium	45-1	3755496	3757394	3783946	3765612	0.42	cps
Scandium	45-2	299235	301765	301282	300761	0.45	cps
Selenium	82-1	36	39	53	43	20.66	cps
Selenium	77-2	7	7	10	8	24.71	cps
Selenium	78-2	146	113	144	135	13.92	cps
Silicon	28-1	813044	829089	835319	825817	1.39	cps
Silver	107-1	3017	2892	2634	2848	6.87	cps
Silver	109-1	2825	2784	2484	2698	6.91	cps
Sodium	23-2	204333517	207366800	203719300	205139873	0.95	cps
Strontium	86-1	11713	12197	12047	11986	2.07	cps
Strontium	88-1	93914	94501	96204	94873	1.25	cps
Sulfur	34-1	554755	558184	567018	559986	1.13	cps
Terbium	159-1	7136404	7129586	7004256	7090082	1.05	cps
Terbium	159-2	4614920	4647407	4635620	4632649	0.36	cps
Thallium	203-1	2984	2600	2234	2606	14.40	cps
Thallium	205-1	5872	4866	4971	5236	10.56	cps

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 14:27:44	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	4267	3828	3478	3858	10.25	cps
Tin	118-1	2975	3492	2992	3153	9.31	cps
Titanium	47-1	1108	1017	950	1025	7.76	cps
Uranium	238-1	-586	-1015	-872	-824	-26.51	cps
Vanadium	51-2	437	467	443	449	3.51	cps
Yttrium	89-1	8835423	8880433	8861001	8858952	0.25	cps
Yttrium	89-2	2174713	2206851	2186938	2189501	0.74	cps
Zinc	66-2	7602	7369	7215	7395	2.63	cps
Zirconium	90-1	4309	4059	3884	4084	5.23	cps
Zirconium	91-1	883	867	792	847	5.76	cps

LB Number : LB113411 Operator : JASWAL
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-04 15:20:44 DataFile Name : 013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	65544	65719	64162	65142	1.31	cps
Antimony	121-1	1270447	1276307	1287931	1278228	0.70	cps
Arsenic	75-2	71381	70559	70996	70978	0.58	cps
Barium	135-1	150523	149773	149915	150070	0.27	cps
Barium	137-1	257209	259475	261029	259238	0.74	cps
Beryllium	9-1	155054	156159	157131	156115	0.67	cps
Bismuth	209-1	4502270	4512542	4507383	4507398	0.11	cps
Bismuth	209-2	3229473	3244597	3372786	3282285	2.40	cps
Boron	10-1	82683	85893	86999	85192	2.63	cps
Boron	11-1	388661	402093	410450	400401	2.75	cps
Bromine	81-1	5785	5985	5518	5762	4.06	cps
Bromine	81-2	70	40	30	47	44.61	cps
Cadmium	111-1	167419	169686	170107	169071	0.86	cps
Cadmium	106-1	37525	38219	37584	37776	1.02	cps
Cadmium	108-1	21525	20949	20490	20988	2.47	cps
Calcium	43-1	44124	45052	44960	44712	1.14	cps
Calcium	44-1	680413	685454	679272	681713	0.48	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	303698	302722	301704	302708	0.33	cps
Cobalt	59-2	458250	458205	451547	456001	0.85	cps
Copper	63-2	312830	312521	313273	312875	0.12	cps
Dysprosium	156-1	17	42	17	25	57.73	cps
Dysprosium	156-2	13	10	10	11	17.30	cps
Erbium	164-1	67	67	42	58	24.74	cps
Erbium	164-2	13	23	30	22	37.76	cps
Gadolinium	160-1	50	33	133	72	74.19	cps
Gadolinium	160-2	57	63	60	60	5.55	cps
Holmium	165-1	7022796	6990983	6911547	6975108	0.82	cps
Holmium	165-2	4576680	4617461	4790821	4661654	2.44	cps
Indium	115-1	5344093	5354845	5318537	5339159	0.35	cps
Indium	115-2	1672333	1685058	1752648	1703347	2.53	cps
Iron	56-2	5195556	5192902	5176941	5188467	0.19	cps
Iron	57-2	127615	128242	126427	127428	0.72	cps

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 15:20:44	DataFile Name :	013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	300398	298091	292821	297103	1.31	cps
Krypton	83-1	933	1030	993	986	4.95	cps
Lead	206-1	1124960	1134364	1137617	1132313	0.58	cps
Lead	207-1	946188	967839	961304	958443	1.16	cps
Lead	208-1	4433148	4484449	4475998	4464532	0.62	cps
Lithium	6-1	1888460	1901236	1897072	1895589	0.34	cps
Magnesium	24-2	314204	318316	318127	316882	0.73	cps
Manganese	55-2	196101	194030	194790	194974	0.54	cps
Molybdenum	94-1	6326678	6325396	6340933	6331002	0.14	cps
Molybdenum	95-1	7950465	7939804	8005432	7965234	0.44	cps
Molybdenum	96-1	8719634	8817454	8804269	8780452	0.60	cps
Molybdenum	97-1	5095814	5158123	5144555	5132830	0.64	cps
Molybdenum	98-1	12705096	12617697	12713075	12678622	0.42	cps
Neodymium	150-1	20	13	27	20	33.35	cps
Neodymium	150-2	10	7	7	8	24.71	cps
Nickel	60-2	120893	118333	117939	119055	1.35	cps
Phosphorus	31-2	1567	1433	1442	1481	5.04	cps
Potassium	39-2	639546	643266	633912	638908	0.74	cps
Rhodium	103-1	5178287	5196508	5177388	5184061	0.21	cps
Rhodium	103-2	3142827	3149894	3280017	3190913	2.42	cps
Scandium	45-1	3870478	3871364	3833881	3858575	0.55	cps
Scandium	45-2	298199	300011	311001	303070	2.29	cps
Selenium	82-1	20769	21110	21298	21059	1.27	cps
Selenium	77-2	1753	1710	1783	1749	2.11	cps
Selenium	78-2	6099	6216	6020	6112	1.62	cps
Silicon	28-1	2811866	2805947	2827759	2815191	0.40	cps
Silver	107-1	385764	387332	388015	387037	0.30	cps
Silver	109-1	358307	360127	364006	360813	0.81	cps
Sodium	23-2	931531	930929	933497	931986	0.14	cps
Strontium	86-1	957855	961160	957656	958890	0.21	cps
Strontium	88-1	8115223	8189197	8278451	8194290	1.00	cps
Sulfur	34-1	537812	532806	527381	532667	0.98	cps
Terbium	159-1	7334543	7295249	7406209	7345334	0.77	cps
Terbium	159-2	4626263	4650703	4843273	4706746	2.53	cps
Thallium	203-1	1305045	1293897	1315143	1304695	0.81	cps
Thallium	205-1	3139533	3106149	3129382	3125022	0.55	cps

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 15:20:44	DataFile Name :	013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	855148	863865	863812	860942	0.58	cps
Tin	118-1	2371495	2374988	2379957	2375480	0.18	cps
Titanium	47-1	2338154	2320799	2325870	2328274	0.38	cps
Uranium	238-1	9942986	9970503	9915549	9943013	0.28	cps
Vanadium	51-2	252954	250487	249222	250888	0.76	cps
Yttrium	89-1	9022048	9141526	9172597	9112057	0.87	cps
Yttrium	89-2	2149586	2148428	2249214	2182410	2.65	cps
Zinc	66-2	100147	99724	99690	99854	0.25	cps
Zirconium	90-1	5137655	5198254	5242243	5192717	1.01	cps
Zirconium	91-1	1149973	1146022	1150287	1148761	0.21	cps

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 15:39:24	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2934	2834	2984	2917	2.62	cps
Antimony	121-1	13015	12840	13048	12967	0.86	cps
Arsenic	75-2	367	331	343	347	5.18	cps
Barium	135-1	14441	14583	15242	14755	2.90	cps
Barium	137-1	24823	25599	24889	25104	1.71	cps
Beryllium	9-1	1645	1595	1483	1574	5.24	cps
Bismuth	209-1	4460023	4446217	4493800	4466680	0.55	cps
Bismuth	209-2	3242322	3251473	3290357	3261384	0.78	cps
Boron	10-1	4451	4726	4918	4698	4.99	cps
Boron	11-1	21457	22901	23702	22687	5.01	cps
Bromine	81-1	5926	6026	5660	5871	3.23	cps
Bromine	81-2	30	30	20	27	21.65	cps
Cadmium	111-1	3478	3508	3583	3523	1.53	cps
Cadmium	106-1	4334	3959	3976	4090	5.18	cps
Cadmium	108-1	121	121	121	121	0.00	cps
Calcium	43-1	10587	10671	10788	10682	0.94	cps
Calcium	44-1	181572	179779	180998	180783	0.51	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7379	7432	7495	7435	0.79	cps
Cobalt	59-2	4951	4731	4621	4767	3.53	cps
Copper	63-2	7212	6948	7108	7090	1.87	cps
Dysprosium	156-1	33	0	0	11	173.21	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	25	75	58	53	48.24	cps
Erbium	164-2	33	23	20	26	27.15	cps
Gadolinium	160-1	50	83	25	53	55.46	cps
Gadolinium	160-2	70	63	80	71	11.80	cps
Holmium	165-1	7160653	7102333	7053741	7105576	0.75	cps
Holmium	165-2	4626267	4679266	4668348	4657961	0.60	cps
Indium	115-1	5498217	5502589	5518566	5506457	0.19	cps
Indium	115-2	1754571	1772850	1786272	1771231	0.90	cps
Iron	56-2	139762	141938	139482	140394	0.96	cps
Iron	57-2	3695	3595	3634	3641	1.38	cps

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 15:39:24	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	9473	9272	9413	9386	1.10	cps
Krypton	83-1	940	987	953	960	2.50	cps
Lead	206-1	5323	5229	5479	5344	2.36	cps
Lead	207-1	4740	5034	4745	4840	3.48	cps
Lead	208-1	21819	20962	22074	21618	2.69	cps
Lithium	6-1	1852585	1872878	1866554	1864006	0.56	cps
Magnesium	24-2	132791	137231	135146	135056	1.64	cps
Manganese	55-2	2107	2157	2167	2144	1.50	cps
Molybdenum	94-1	13382	13415	13457	13418	0.28	cps
Molybdenum	95-1	17152	16685	16785	16874	1.46	cps
Molybdenum	96-1	18587	17686	18596	18290	2.86	cps
Molybdenum	97-1	10437	9937	10421	10265	2.77	cps
Molybdenum	98-1	26417	26450	26308	26392	0.28	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1270	1247	1400	1306	6.33	cps
Phosphorus	31-2	1458	1425	1500	1461	2.57	cps
Potassium	39-2	224337	223448	225715	224500	0.51	cps
Rhodium	103-1	5428253	5347556	5354345	5376718	0.83	cps
Rhodium	103-2	3260130	3323228	3343798	3309052	1.32	cps
Scandium	45-1	4041309	4019596	4019026	4026644	0.32	cps
Scandium	45-2	311377	315370	317648	314798	1.01	cps
Selenium	82-1	546	611	632	596	7.47	cps
Selenium	77-2	37	47	33	39	17.85	cps
Selenium	78-2	278	322	280	293	8.58	cps
Silicon	28-1	671011	672615	681366	674997	0.83	cps
Silver	107-1	7977	7669	7536	7727	2.93	cps
Silver	109-1	7144	7060	6910	7038	1.68	cps
Sodium	23-2	253077	253567	254015	253553	0.19	cps
Strontium	86-1	3484	3984	3426	3631	8.45	cps
Strontium	88-1	18813	17394	17619	17942	4.25	cps
Sulfur	34-1	599868	585661	588985	591505	1.26	cps
Terbium	159-1	7416431	7279651	7314185	7336756	0.97	cps
Terbium	159-2	4675946	4763702	4781155	4740268	1.19	cps
Thallium	203-1	6043	6277	5951	6090	2.75	cps
Thallium	205-1	14374	14451	14582	14469	0.72	cps

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 15:39:24	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	250	283	228	254	11.02	cps
Tin	118-1	25407	25089	25348	25282	0.67	cps
Titanium	47-1	4809	5309	5068	5062	4.94	cps
Uranium	238-1	18060	18203	17597	17953	1.76	cps
Vanadium	51-2	13113	13126	13223	13154	0.46	cps
Yttrium	89-1	9349817	9419801	9368531	9379383	0.39	cps
Yttrium	89-2	2242183	2271536	2286892	2266870	1.00	cps
Zinc	66-2	1157	1200	1253	1203	4.02	cps
Zirconium	90-1	11246	11421	10554	11074	4.14	cps
Zirconium	91-1	2500	2525	2459	2495	1.35	cps

LB Number : LB113411 Operator : JASWAL
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-04 15:42:31 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	167	175	208	183	12.03	cps
Antimony	121-1	92	92	92	92	0.00	cps
Arsenic	75-2	15	4	9	9	60.01	cps
Barium	135-1	33	8	0	14	124.91	cps
Barium	137-1	8	50	58	39	68.89	cps
Beryllium	9-1	78	44	83	69	30.69	cps
Bismuth	209-1	4429213	4474271	4410919	4438134	0.73	cps
Bismuth	209-2	3290440	3303187	3308694	3300774	0.28	cps
Boron	10-1	700	733	733	722	2.66	cps
Boron	11-1	3125	2817	3034	2992	5.29	cps
Bromine	81-1	5826	5743	6076	5882	2.95	cps
Bromine	81-2	20	80	40	47	65.47	cps
Cadmium	111-1	2132	2147	2179	2152	1.12	cps
Cadmium	106-1	4267	4267	4351	4295	1.12	cps
Cadmium	108-1	21	29	25	25	16.68	cps
Calcium	43-1	242	217	242	233	6.19	cps
Calcium	44-1	11530	12017	12330	11959	3.37	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1080	1127	1067	1091	2.89	cps
Cobalt	59-2	93	70	37	67	42.72	cps
Copper	63-2	1223	1180	973	1126	11.87	cps
Dysprosium	156-1	0	8	17	8	100.02	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	25	42	50	39	32.73	cps
Erbium	164-2	33	10	27	23	51.50	cps
Gadolinium	160-1	33	33	83	50	57.75	cps
Gadolinium	160-2	50	53	43	49	10.42	cps
Holmium	165-1	6923052	7014546	7076289	7004629	1.10	cps
Holmium	165-2	4697799	4695684	4685180	4692888	0.14	cps
Indium	115-1	5397600	5539446	5470543	5469196	1.30	cps
Indium	115-2	1798469	1792304	1797336	1796036	0.18	cps
Iron	56-2	6807	6490	6557	6618	2.52	cps
Iron	57-2	189	244	278	237	18.95	cps

LB Number : LB113411 Operator : JASWAL
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-04 15:42:31 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1261	1261	1131	1218	6.17	cps
Krypton	83-1	1023	960	960	981	3.73	cps
Lead	206-1	717	750	717	728	2.64	cps
Lead	207-1	561	756	644	654	14.92	cps
Lead	208-1	2795	3034	2722	2850	5.71	cps
Lithium	6-1	1887995	1916069	1884184	1896082	0.92	cps
Magnesium	24-2	217	233	183	211	12.06	cps
Manganese	55-2	103	80	73	86	18.41	cps
Molybdenum	94-1	192	192	158	181	10.66	cps
Molybdenum	95-1	50	125	92	89	42.27	cps
Molybdenum	96-1	225	175	150	183	20.83	cps
Molybdenum	97-1	50	42	83	58	37.80	cps
Molybdenum	98-1	208	100	208	172	36.32	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	103	117	133	118	12.77	cps
Phosphorus	31-2	1550	1317	1333	1400	9.30	cps
Potassium	39-2	80041	81498	83341	81627	2.03	cps
Rhodium	103-1	5309002	5391397	5347876	5349425	0.77	cps
Rhodium	103-2	3339963	3311913	3314486	3322121	0.47	cps
Scandium	45-1	3987390	4018455	4008390	4004745	0.40	cps
Scandium	45-2	318964	314769	317775	317170	0.68	cps
Selenium	82-1	0	45	40	28	86.67	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	130	119	120	123	4.85	cps
Silicon	28-1	623862	619423	627305	623530	0.63	cps
Silver	107-1	142	133	92	122	21.92	cps
Silver	109-1	100	75	58	78	26.97	cps
Sodium	23-2	21015	20665	20514	20731	1.24	cps
Strontium	86-1	1675	1675	1658	1670	0.58	cps
Strontium	88-1	167	108	125	133	22.53	cps
Sulfur	34-1	609395	607237	609580	608737	0.21	cps
Terbium	159-1	7360954	7371508	7207800	7313421	1.25	cps
Terbium	159-2	4840195	4783159	4777694	4800349	0.72	cps
Thallium	203-1	400	483	392	425	11.93	cps
Thallium	205-1	860	951	986	933	7.01	cps

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 15:42:31	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	128	150	183	154	18.19	cps
Tin	118-1	550	667	683	633	11.47	cps
Titanium	47-1	158	133	125	139	12.49	cps
Uranium	238-1	-2	6	-13	-3	-288.23	cps
Vanadium	51-2	3	3	10	6	69.34	cps
Yttrium	89-1	9255183	9428033	9328314	9337177	0.93	cps
Yttrium	89-2	2297674	2300786	2293339	2297266	0.16	cps
Zinc	66-2	170	133	117	140	19.49	cps
Zirconium	90-1	433	508	492	478	8.24	cps
Zirconium	91-1	92	158	50	100	54.65	cps

LB Number : LB113411 Operator : JASWAL
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-04 15:45:37 DataFile Name : 016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11700526	11721797	11552703	11658342	0.79	cps
Antimony	121-1	7294	7285	6935	7171	2.85	cps
Arsenic	75-2	111	143	113	122	14.45	cps
Barium	135-1	2125	2125	2017	2089	2.99	cps
Barium	137-1	3617	3784	3392	3598	5.46	cps
Beryllium	9-1	528	522	511	520	1.63	cps
Bismuth	209-1	4506972	4534069	4460125	4500389	0.83	cps
Bismuth	209-2	3251627	3305513	3274432	3277190	0.83	cps
Boron	10-1	758	675	567	667	14.42	cps
Boron	11-1	3042	3217	3175	3145	2.91	cps
Bromine	81-1	6185	6202	6710	6365	4.69	cps
Bromine	81-2	210	160	130	167	24.25	cps
Cadmium	111-1	3138	3140	3282	3187	2.59	cps
Cadmium	106-1	4059	4109	4109	4092	0.71	cps
Cadmium	108-1	2363	2284	2092	2246	6.20	cps
Calcium	43-1	2002848	2007421	1996110	2002126	0.28	cps
Calcium	44-1	29776386	29787456	29434917	29666253	0.68	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	59747	59372	58910	59343	0.71	cps
Cobalt	59-2	5051	4984	5001	5012	0.69	cps
Copper	63-2	24844	25299	24828	24990	1.07	cps
Dysprosium	156-1	0	33	17	17	99.99	cps
Dysprosium	156-2	23	20	30	24	20.83	cps
Erbium	164-1	75	50	33	53	39.74	cps
Erbium	164-2	43	27	57	42	35.60	cps
Gadolinium	160-1	92	58	108	86	29.57	cps
Gadolinium	160-2	87	53	70	70	23.81	cps
Holmium	165-1	7284008	7334631	7385763	7334801	0.69	cps
Holmium	165-2	4757775	4828356	4792120	4792750	0.74	cps
Indium	115-1	5405165	5421241	5373198	5399868	0.45	cps
Indium	115-2	1719493	1732040	1727365	1726300	0.37	cps
Iron	56-2	242490155	240851128	243584783	242308689	0.57	cps
Iron	57-2	6055167	5950178	6030530	6011958	0.91	cps

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 15:45:37	DataFile Name :	016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	13546803	13304111	13246731	13365881	1.19	cps
Krypton	83-1	1020	900	947	956	6.33	cps
Lead	206-1	23015	23003	22742	22920	0.67	cps
Lead	207-1	18652	18997	17768	18472	3.43	cps
Lead	208-1	88164	87640	84800	86868	2.08	cps
Lithium	6-1	1926819	1945295	1913574	1928563	0.83	cps
Magnesium	24-2	23976015	24019666	23983230	23992970	0.10	cps
Manganese	55-2	15064	14421	14838	14774	2.21	cps
Molybdenum	94-1	3525292	3519351	3513728	3519457	0.16	cps
Molybdenum	95-1	6079597	6107506	5984660	6057254	1.06	cps
Molybdenum	96-1	6447079	6435817	6344749	6409215	0.88	cps
Molybdenum	97-1	3901022	3860644	3825395	3862354	0.98	cps
Molybdenum	98-1	9667803	9678825	9627826	9658151	0.28	cps
Neodymium	150-1	47	20	73	47	57.15	cps
Neodymium	150-2	27	30	37	31	16.37	cps
Nickel	60-2	6208	6128	6065	6134	1.17	cps
Phosphorus	31-2	719530	713207	712519	715085	0.54	cps
Potassium	39-2	25999904	25916468	25765757	25894043	0.46	cps
Rhodium	103-1	5117236	5114844	5078228	5103436	0.43	cps
Rhodium	103-2	3123449	3154724	3149131	3142435	0.53	cps
Scandium	45-1	4003715	3957594	3923527	3961612	1.02	cps
Scandium	45-2	306881	308092	308923	307965	0.33	cps
Selenium	82-1	-47	46	11	3	1429.73	cps
Selenium	77-2	10	3	3	6	69.34	cps
Selenium	78-2	137	128	130	131	3.73	cps
Silicon	28-1	700281	691194	692599	694691	0.70	cps
Silver	107-1	267	250	317	278	12.49	cps
Silver	109-1	225	217	267	236	11.35	cps
Sodium	23-2	42226270	42279769	41689041	42065026	0.78	cps
Strontium	86-1	70356	69912	69326	69864	0.74	cps
Strontium	88-1	584739	594278	585473	588163	0.90	cps
Sulfur	34-1	3747947	3688839	3680332	3705706	0.99	cps
Terbium	159-1	7573941	7563234	7490032	7542402	0.61	cps
Terbium	159-2	4826259	4869936	4852189	4849461	0.45	cps
Thallium	203-1	792	933	1142	956	18.43	cps
Thallium	205-1	1719	1936	2282	1979	14.37	cps

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 15:45:37	DataFile Name :	016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	194	222	317	244	26.21	cps
Tin	118-1	1208	1442	1458	1370	10.21	cps
Titanium	47-1	1926041	1910104	1889538	1908561	0.96	cps
Uranium	238-1	-1543	-1459	-1522	-1508	-2.91	cps
Vanadium	51-2	437	390	397	408	6.19	cps
Yttrium	89-1	9308589	9317864	9284755	9303736	0.18	cps
Yttrium	89-2	2242151	2256256	2239164	2245857	0.41	cps
Zinc	66-2	5688	5881	5771	5780	1.68	cps
Zirconium	90-1	900	717	842	819	11.43	cps
Zirconium	91-1	92	150	175	139	30.79	cps

LB Number : LB113411 Operator : JASWAL
 Lab Sample ID : ICSAB01 Instrumnet Name : P7
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-04 15:48:41 DataFile Name : 017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11626172	11579808	11489520	11565166	0.60	cps
Antimony	121-1	135784	136212	139301	137099	1.40	cps
Arsenic	75-2	6978	6791	6935	6901	1.42	cps
Barium	135-1	32714	33106	31386	32402	2.78	cps
Barium	137-1	54549	55043	55854	55149	1.19	cps
Beryllium	9-1	31282	31087	30531	30967	1.26	cps
Bismuth	209-1	4486758	4514733	4589175	4530222	1.17	cps
Bismuth	209-2	3238160	3195980	3235578	3223239	0.73	cps
Boron	10-1	9436	9637	9537	9537	1.05	cps
Boron	11-1	46130	46397	46029	46185	0.41	cps
Bromine	81-1	6468	6160	6202	6277	2.67	cps
Bromine	81-2	180	110	90	127	37.31	cps
Cadmium	111-1	33974	33761	34849	34195	1.69	cps
Cadmium	106-1	8861	9287	8536	8895	4.23	cps
Cadmium	108-1	4743	5076	4805	4875	3.64	cps
Calcium	43-1	1999401	2001480	1994421	1998434	0.18	cps
Calcium	44-1	29731990	29372554	29297393	29467313	0.79	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	116122	115054	115410	115529	0.47	cps
Cobalt	59-2	92864	91455	91308	91876	0.94	cps
Copper	63-2	83077	83279	84073	83476	0.63	cps
Dysprosium	156-1	58	42	17	39	53.92	cps
Dysprosium	156-2	30	13	27	23	37.81	cps
Erbium	164-1	67	58	42	56	22.91	cps
Erbium	164-2	40	27	37	34	20.14	cps
Gadolinium	160-1	133	50	75	86	49.66	cps
Gadolinium	160-2	77	80	80	79	2.44	cps
Holmium	165-1	7373114	7454674	7426822	7418203	0.56	cps
Holmium	165-2	4765639	4707968	4757451	4743686	0.66	cps
Indium	115-1	5374914	5401678	5435631	5404074	0.56	cps
Indium	115-2	1702663	1680566	1706316	1696515	0.82	cps
Iron	56-2	239029100	240808450	242594078	240810542	0.74	cps
Iron	57-2	5942127	5848072	5998147	5929449	1.28	cps

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 15:48:41	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	13348471	13061357	12943811	13117880	1.59	cps
Krypton	83-1	963	1033	967	988	4.00	cps
Lead	206-1	117714	120898	121968	120193	1.84	cps
Lead	207-1	99283	100369	99698	99783	0.55	cps
Lead	208-1	461096	467866	467118	465360	0.80	cps
Lithium	6-1	1983093	1986045	1989680	1986273	0.17	cps
Magnesium	24-2	24072711	23537419	23772705	23794278	1.13	cps
Manganese	55-2	52650	51550	51921	52040	1.08	cps
Molybdenum	94-1	3798653	3819567	3837678	3818633	0.51	cps
Molybdenum	95-1	6274498	6198017	6244000	6238838	0.62	cps
Molybdenum	96-1	6631669	6589892	6701926	6641162	0.85	cps
Molybdenum	97-1	3958297	3955306	3949057	3954220	0.12	cps
Molybdenum	98-1	9877172	9873967	9832792	9861310	0.25	cps
Neodymium	150-1	53	47	20	40	44.09	cps
Neodymium	150-2	3	13	23	13	75.02	cps
Nickel	60-2	28217	27970	27716	27968	0.90	cps
Phosphorus	31-2	704449	701086	706558	704031	0.39	cps
Potassium	39-2	25631995	25406315	25763923	25600744	0.71	cps
Rhodium	103-1	5071962	5099298	5086551	5085937	0.27	cps
Rhodium	103-2	3112130	3086719	3086302	3095050	0.48	cps
Scandium	45-1	3917387	3912225	3889349	3906320	0.38	cps
Scandium	45-2	303444	301800	305436	303560	0.60	cps
Selenium	82-1	2094	1987	2066	2049	2.71	cps
Selenium	77-2	173	160	177	170	5.19	cps
Selenium	78-2	641	678	724	681	6.13	cps
Silicon	28-1	914950	915167	918946	916354	0.25	cps
Silver	107-1	145093	143394	145455	144647	0.76	cps
Silver	109-1	140576	140903	140044	140507	0.31	cps
Sodium	23-2	42315543	41466073	41659723	41813779	1.06	cps
Strontium	86-1	172035	171698	168603	170779	1.11	cps
Strontium	88-1	1470553	1492656	1481961	1481723	0.75	cps
Sulfur	34-1	3665795	3676072	3654855	3665574	0.29	cps
Terbium	159-1	7650006	7714720	7651127	7671951	0.48	cps
Terbium	159-2	4778572	4731532	4815172	4775092	0.88	cps
Thallium	203-1	118851	118254	119532	118879	0.54	cps
Thallium	205-1	278822	278923	281744	279830	0.59	cps

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 15:48:41	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	92803	94795	93475	93691	1.08	cps
Tin	118-1	250478	254421	255431	253444	1.03	cps
Titanium	47-1	1925209	1936914	1932305	1931476	0.31	cps
Uranium	238-1	1016952	1018961	1010472	1015462	0.44	cps
Vanadium	51-2	49870	49225	49830	49642	0.73	cps
Yttrium	89-1	9264003	9368629	9460588	9364407	1.05	cps
Yttrium	89-2	2215621	2168680	2204727	2196343	1.12	cps
Zinc	66-2	15438	15412	15325	15391	0.39	cps
Zirconium	90-1	545691	554440	557890	552674	1.14	cps
Zirconium	91-1	124714	123612	124889	124405	0.56	cps

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	CCV01	Instrumnet Name :	P7
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 15:51:47	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5921760	5935868	6020881	5959503	0.90	cps
Antimony	121-1	3152540	3163025	3153373	3156313	0.18	cps
Arsenic	75-2	168024	167933	168429	168129	0.16	cps
Barium	135-1	3628590	3659453	3659329	3649124	0.49	cps
Barium	137-1	6428099	6348975	6331130	6369401	0.81	cps
Beryllium	9-1	751060	755037	760779	755625	0.65	cps
Bismuth	209-1	3901883	4129895	4234377	4088718	4.16	cps
Bismuth	209-2	3047555	3093444	3099683	3080227	0.92	cps
Boron	10-1	79332	84292	86513	83379	4.41	cps
Boron	11-1	382117	399919	409412	397149	3.49	cps
Bromine	81-1	5843	6026	5843	5904	1.79	cps
Bromine	81-2	60	50	90	67	31.22	cps
Cadmium	111-1	755662	761786	760149	759199	0.42	cps
Cadmium	106-1	92869	89690	92568	91709	1.91	cps
Cadmium	108-1	61336	60930	61235	61167	0.35	cps
Calcium	43-1	4985906	4928658	4874412	4929658	1.13	cps
Calcium	44-1	73273962	72918652	72958676	73050430	0.27	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1444655	1450440	1431918	1442338	0.66	cps
Cobalt	59-2	2108234	2114673	2097182	2106696	0.42	cps
Copper	63-2	13902279	13696257	13690368	13762968	0.88	cps
Dysprosium	156-1	900	1050	850	933	11.15	cps
Dysprosium	156-2	600	627	693	640	7.51	cps
Erbium	164-1	167	108	267	181	44.35	cps
Erbium	164-2	83	87	83	84	2.28	cps
Gadolinium	160-1	1017	1017	1058	1031	2.33	cps
Gadolinium	160-2	753	793	777	774	2.59	cps
Holmium	165-1	6602400	6878272	7125706	6868793	3.81	cps
Holmium	165-2	4619706	4651974	4686090	4652590	0.71	cps
Indium	115-1	4708089	5038916	5164492	4970499	4.74	cps
Indium	115-2	1636059	1649687	1655138	1646961	0.60	cps
Iron	56-2	298538440	299682829	297729262	298650177	0.33	cps
Iron	57-2	7375827	7343631	7358632	7359363	0.22	cps

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	CCV01	Instrumnet Name :	P7
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 15:51:47	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	16439039	16390949	16322590	16384192	0.36	cps
Krypton	83-1	963	1010	1037	1003	3.70	cps
Lead	206-1	12159804	12263995	12216099	12213299	0.43	cps
Lead	207-1	10969877	11121266	11115531	11068891	0.78	cps
Lead	208-1	49479909	49510713	49924361	49638328	0.50	cps
Lithium	6-1	1783632	1865793	1894255	1847894	3.11	cps
Magnesium	24-2	63295724	63217999	63548851	63354192	0.27	cps
Manganese	55-2	9218983	9267751	9243205	9243313	0.26	cps
Molybdenum	94-1	6348373	6390036	6450059	6396156	0.80	cps
Molybdenum	95-1	8059638	8047162	8099957	8068919	0.34	cps
Molybdenum	96-1	8829997	8834432	8865000	8843143	0.22	cps
Molybdenum	97-1	5109740	5080944	5103614	5098099	0.30	cps
Molybdenum	98-1	12756758	12669408	12573204	12666457	0.72	cps
Neodymium	150-1	320	327	300	316	4.40	cps
Neodymium	150-2	77	50	60	62	21.65	cps
Nickel	60-2	534505	534121	533894	534173	0.06	cps
Phosphorus	31-2	71554	73297	74662	73171	2.13	cps
Potassium	39-2	32584064	33211711	33053144	32949640	0.99	cps
Rhodium	103-1	4460371	4745769	4818262	4674801	4.05	cps
Rhodium	103-2	2968505	3003021	3012507	2994678	0.77	cps
Scandium	45-1	3438745	3696290	3797936	3644323	5.08	cps
Scandium	45-2	300571	299713	299828	300037	0.16	cps
Selenium	82-1	49661	49216	49682	49520	0.53	cps
Selenium	77-2	4064	4261	4271	4198	2.78	cps
Selenium	78-2	14159	14107	14213	14159	0.37	cps
Silicon	28-1	2990940	3099212	3180514	3090222	3.08	cps
Silver	107-1	3653912	3641091	3673557	3656187	0.45	cps
Silver	109-1	3479604	3497118	3514303	3497008	0.50	cps
Sodium	23-2	102859167	103959011	103693681	103503953	0.55	cps
Strontium	86-1	942351	930089	940531	937657	0.71	cps
Strontium	88-1	8162161	8111976	8056583	8110240	0.65	cps
Sulfur	34-1	873473	857005	855543	862007	1.16	cps
Terbium	159-1	6845863	7181740	7267673	7098425	3.14	cps
Terbium	159-2	4658298	4737972	4755029	4717100	1.09	cps
Thallium	203-1	2790885	2792048	2808095	2797009	0.34	cps
Thallium	205-1	6497517	6542915	6522567	6521000	0.35	cps

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	CCV01	Instrumnet Name :	P7
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 15:51:47	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	11357776	11215518	11292670	11288655	0.63	cps
Tin	118-1	2391967	2366218	2388339	2382174	0.59	cps
Titanium	47-1	2325127	2287477	2301702	2304769	0.82	cps
Uranium	238-1	9212844	9198803	9125188	9178945	0.51	cps
Vanadium	51-2	1240197	1250945	1237933	1243025	0.56	cps
Yttrium	89-1	8348261	8813855	9065118	8742412	4.16	cps
Yttrium	89-2	2146658	2192321	2182315	2173765	1.10	cps
Zinc	66-2	2371360	2371803	2362936	2368700	0.21	cps
Zirconium	90-1	5328572	5258223	5313167	5299987	0.70	cps
Zirconium	91-1	1177696	1164835	1179622	1174051	0.68	cps

LB Number : LB113411 Operator : JASWAL
 Lab Sample ID : CCB01 Instrumnet Name : P7
 Client Sample ID : CCB01 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-04 16:01:37 DataFile Name : 019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	267	192	200	219	18.73	cps
Antimony	121-1	275	258	242	258	6.45	cps
Arsenic	75-2	19	4	11	11	66.70	cps
Barium	135-1	17	25	8	17	50.01	cps
Barium	137-1	100	67	75	81	21.53	cps
Beryllium	9-1	72	83	139	98	36.39	cps
Bismuth	209-1	4504171	4539595	4574228	4539331	0.77	cps
Bismuth	209-2	3251535	3294761	3293008	3279768	0.75	cps
Boron	10-1	867	775	875	839	6.61	cps
Boron	11-1	4342	4326	4134	4267	2.71	cps
Bromine	81-1	5843	5968	6068	5960	1.89	cps
Bromine	81-2	30	50	50	43	26.65	cps
Cadmium	111-1	2094	1854	2037	1995	6.29	cps
Cadmium	106-1	4167	3684	4026	3959	6.28	cps
Cadmium	108-1	21	13	13	15	31.48	cps
Calcium	43-1	267	242	250	253	5.04	cps
Calcium	44-1	12231	12464	12267	12321	1.02	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	937	1117	1157	1070	10.95	cps
Cobalt	59-2	57	110	77	81	33.21	cps
Copper	63-2	1697	1663	1650	1670	1.44	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	10	10	3	8	49.52	cps
Erbium	164-1	25	50	50	42	34.64	cps
Erbium	164-2	23	20	23	22	8.65	cps
Gadolinium	160-1	50	42	33	42	20.00	cps
Gadolinium	160-2	57	53	87	66	28.01	cps
Holmium	165-1	7051435	7121677	7252950	7142021	1.43	cps
Holmium	165-2	4634081	4679934	4662583	4658866	0.50	cps
Indium	115-1	5460191	5516413	5489779	5488794	0.51	cps
Indium	115-2	1743816	1763047	1752058	1752974	0.55	cps
Iron	56-2	9837	10365	9720	9974	3.45	cps
Iron	57-2	450	356	417	407	11.76	cps

LB Number : LB113411 Operator : JASWAL
 Lab Sample ID : CCB01 Instrumnet Name : P7
 Client Sample ID : CCB01 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-04 16:01:37 DataFile Name : 019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1351	1532	1442	1442	6.25	cps
Krypton	83-1	940	897	1030	956	7.12	cps
Lead	206-1	1233	1206	1256	1232	2.03	cps
Lead	207-1	1150	972	1139	1087	9.16	cps
Lead	208-1	4928	4928	5062	4973	1.55	cps
Lithium	6-1	1911229	1929168	1943057	1927818	0.83	cps
Magnesium	24-2	825	750	942	839	11.51	cps
Manganese	55-2	170	107	140	139	22.81	cps
Molybdenum	94-1	308	367	283	319	13.39	cps
Molybdenum	95-1	225	242	225	231	4.17	cps
Molybdenum	96-1	358	267	350	325	15.60	cps
Molybdenum	97-1	125	125	158	136	14.14	cps
Molybdenum	98-1	508	425	375	436	15.45	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	120	140	177	146	19.75	cps
Phosphorus	31-2	1417	1367	1242	1342	6.72	cps
Potassium	39-2	83484	85336	83014	83945	1.46	cps
Rhodium	103-1	5225445	5286362	5330518	5280775	1.00	cps
Rhodium	103-2	3215475	3285032	3248273	3249593	1.07	cps
Scandium	45-1	3891798	3924546	3949072	3921805	0.73	cps
Scandium	45-2	308700	309184	305507	307797	0.65	cps
Selenium	82-1	-21	5	-56	-24	-124.97	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	152	128	133	138	9.16	cps
Silicon	28-1	602584	602200	600923	601903	0.14	cps
Silver	107-1	142	158	183	161	13.02	cps
Silver	109-1	92	158	83	111	37.00	cps
Sodium	23-2	39076	38575	36370	38007	3.79	cps
Strontium	86-1	1492	1750	1558	1600	8.38	cps
Strontium	88-1	167	117	142	142	17.65	cps
Sulfur	34-1	586069	595526	592284	591293	0.81	cps
Terbium	159-1	7332388	7481436	7477561	7430462	1.14	cps
Terbium	159-2	4680110	4797814	4759006	4745643	1.26	cps
Thallium	203-1	725	892	742	786	11.68	cps
Thallium	205-1	2208	1989	1940	2046	6.97	cps

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	CCB01	Instrumnet Name :	P7
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 16:01:37	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	267	317	344	309	12.75	cps
Tin	118-1	592	583	592	589	0.82	cps
Titanium	47-1	133	133	150	139	6.93	cps
Uranium	238-1	-85	-52	-32	-56	-48.08	cps
Vanadium	51-2	23	17	30	23	28.56	cps
Yttrium	89-1	9268861	9418741	9373259	9353620	0.82	cps
Yttrium	89-2	2216133	2256645	2233294	2235357	0.91	cps
Zinc	66-2	223	173	193	197	12.80	cps
Zirconium	90-1	558	675	525	586	13.44	cps
Zirconium	91-1	92	125	50	89	42.27	cps

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 16:04:43	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3100	2925	2617	2881	8.50	cps
Antimony	121-1	12514	13131	13315	12987	3.23	cps
Arsenic	75-2	419	333	363	372	11.64	cps
Barium	135-1	14333	15451	14667	14817	3.87	cps
Barium	137-1	25449	25649	24973	25357	1.37	cps
Beryllium	9-1	1722	1595	1661	1659	3.85	cps
Bismuth	209-1	4464843	4552581	4489633	4502352	1.00	cps
Bismuth	209-2	3327833	3296234	3310484	3311517	0.48	cps
Boron	10-1	4501	5243	5001	4915	7.70	cps
Boron	11-1	22492	24003	23101	23199	3.28	cps
Bromine	81-1	6110	6043	6085	6079	0.55	cps
Bromine	81-2	60	30	20	37	56.77	cps
Cadmium	111-1	3784	3653	3858	3765	2.76	cps
Cadmium	106-1	4467	4317	4809	4531	5.56	cps
Cadmium	108-1	125	163	96	128	26.15	cps
Calcium	43-1	10896	10629	10354	10626	2.55	cps
Calcium	44-1	178234	178945	178089	178423	0.26	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7605	7242	7229	7359	2.91	cps
Cobalt	59-2	4754	4497	4564	4605	2.89	cps
Copper	63-2	7602	7872	7689	7721	1.79	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	10	10	13	11	17.30	cps
Erbium	164-1	75	17	8	33	108.97	cps
Erbium	164-2	40	23	20	28	38.58	cps
Gadolinium	160-1	33	67	50	50	33.34	cps
Gadolinium	160-2	30	67	40	46	41.61	cps
Holmium	165-1	7075146	7234018	7043941	7117702	1.43	cps
Holmium	165-2	4729297	4693823	4677957	4700359	0.56	cps
Indium	115-1	5456276	5479909	5474156	5470114	0.23	cps
Indium	115-2	1767226	1764836	1758777	1763613	0.25	cps
Iron	56-2	147605	142701	143806	144704	1.78	cps
Iron	57-2	3778	3639	3734	3717	1.91	cps

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 16:04:43	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	9282	9222	9293	9266	0.41	cps
Krypton	83-1	1003	883	1020	969	7.70	cps
Lead	206-1	5801	5946	6024	5924	1.90	cps
Lead	207-1	5323	5296	5268	5296	0.52	cps
Lead	208-1	23748	24320	23497	23855	1.77	cps
Lithium	6-1	1909114	1901581	1919797	1910164	0.48	cps
Magnesium	24-2	137861	133791	133337	134996	1.85	cps
Manganese	55-2	2267	2100	2310	2226	4.98	cps
Molybdenum	94-1	13907	13607	13682	13732	1.14	cps
Molybdenum	95-1	16427	16877	16768	16691	1.41	cps
Molybdenum	96-1	18145	17736	17277	17720	2.45	cps
Molybdenum	97-1	9954	10129	9820	9968	1.55	cps
Molybdenum	98-1	26475	27260	26191	26642	2.08	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	1290	1283	1277	1283	0.52	cps
Phosphorus	31-2	1200	1250	1242	1231	2.18	cps
Potassium	39-2	230673	224895	226350	227306	1.32	cps
Rhodium	103-1	5267623	5281459	5264437	5271173	0.17	cps
Rhodium	103-2	3307837	3262671	3252542	3274350	0.90	cps
Scandium	45-1	3917378	3945278	3929826	3930827	0.36	cps
Scandium	45-2	311734	309198	308677	309870	0.53	cps
Selenium	82-1	460	629	476	522	17.90	cps
Selenium	77-2	47	70	57	58	20.26	cps
Selenium	78-2	270	276	269	272	1.42	cps
Silicon	28-1	647638	655094	650840	651191	0.57	cps
Silver	107-1	7794	7586	7402	7594	2.58	cps
Silver	109-1	7060	7536	7294	7296	3.26	cps
Sodium	23-2	271737	263297	263907	266314	1.77	cps
Strontium	86-1	3967	3692	3642	3767	4.65	cps
Strontium	88-1	17336	18521	17085	17647	4.34	cps
Sulfur	34-1	588525	595194	598907	594209	0.89	cps
Terbium	159-1	7364411	7464703	7386470	7405195	0.71	cps
Terbium	159-2	4843552	4742546	4717436	4767844	1.40	cps
Thallium	203-1	6477	6477	5985	6313	4.50	cps
Thallium	205-1	14532	15612	15154	15099	3.59	cps

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 16:04:43	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	367	317	383	356	9.76	cps
Tin	118-1	25298	24922	25766	25329	1.67	cps
Titanium	47-1	4659	4968	4776	4801	3.24	cps
Uranium	238-1	18376	18450	19094	18640	2.12	cps
Vanadium	51-2	12859	12662	12702	12741	0.82	cps
Yttrium	89-1	9269708	9335699	9284201	9296536	0.37	cps
Yttrium	89-2	2250749	2251091	2226383	2242741	0.63	cps
Zinc	66-2	1257	1210	1253	1240	2.10	cps
Zirconium	90-1	11030	10613	10863	10835	1.94	cps
Zirconium	91-1	2309	2492	2325	2375	4.27	cps

LB Number : LB113411 Operator : JASWAL
 Lab Sample ID : M1458-01 Instrumnet Name : P7
 Client Sample ID : LOD-MDL-SOIL-01-QT1- Dilution Factor : 1
 Date & Time Acquired :: 2021-03-04 16:15:01 DataFile Name : 022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	758	925	700	794	14.70	cps
Antimony	121-1	1692	1758	1533	1661	6.96	cps
Arsenic	75-2	96	98	98	98	1.10	cps
Barium	135-1	1708	1917	1692	1772	7.07	cps
Barium	137-1	2959	3184	3084	3075	3.67	cps
Beryllium	9-1	517	456	500	491	6.44	cps
Bismuth	209-1	4223341	4411826	4358275	4331147	2.24	cps
Bismuth	209-2	3390130	3279391	3307202	3325574	1.73	cps
Boron	10-1	633	775	800	736	12.21	cps
Boron	11-1	3584	3317	3234	3378	5.41	cps
Bromine	81-1	5743	5660	6218	5874	5.13	cps
Bromine	81-2	30	70	50	50	40.00	cps
Cadmium	111-1	2390	2478	2444	2437	1.84	cps
Cadmium	106-1	3926	4217	4226	4123	4.14	cps
Cadmium	108-1	33	79	63	58	39.78	cps
Calcium	43-1	758	725	892	792	11.14	cps
Calcium	44-1	18685	18934	19880	19167	3.29	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1773	1787	1877	1812	3.10	cps
Cobalt	59-2	1243	1180	1187	1203	2.89	cps
Copper	63-2	2954	2814	2957	2908	2.81	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	7	7	10	8	24.71	cps
Erbium	164-1	42	25	8	25	66.68	cps
Erbium	164-2	27	17	23	22	22.91	cps
Gadolinium	160-1	67	50	92	69	30.20	cps
Gadolinium	160-2	57	67	47	57	17.65	cps
Holmium	165-1	6760605	7034247	7090261	6961704	2.53	cps
Holmium	165-2	4795051	4631475	4657246	4694591	1.87	cps
Indium	115-1	5077084	5318611	5327656	5241117	2.71	cps
Indium	115-2	1792579	1744882	1762292	1766584	1.37	cps
Iron	56-2	39553	38902	39787	39414	1.16	cps
Iron	57-2	1011	1111	1106	1076	5.22	cps

LB Number : LB113411 Operator : JASWAL
 Lab Sample ID : M1458-01 Instrumnet Name : P7
 Client Sample ID : LOD-MDL-SOIL-01-QT1- Dilution Factor : 1
 Date & Time Acquired :: 2021-03-04 16:15:01 DataFile Name : 022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	3434	3104	2903	3147	8.52	cps
Krypton	83-1	913	990	1020	974	5.65	cps
Lead	206-1	2145	2228	1878	2084	8.78	cps
Lead	207-1	1767	1778	1661	1735	3.71	cps
Lead	208-1	8168	8273	7751	8064	3.42	cps
Lithium	6-1	1845704	1940304	1922579	1902862	2.64	cps
Magnesium	24-2	6577	7052	6943	6857	3.63	cps
Manganese	55-2	1070	937	997	1001	6.67	cps
Molybdenum	94-1	3125	3717	3501	3448	8.68	cps
Molybdenum	95-1	4009	4301	4209	4173	3.58	cps
Molybdenum	96-1	4559	4217	4117	4298	5.39	cps
Molybdenum	97-1	2517	2492	2459	2489	1.18	cps
Molybdenum	98-1	6585	6485	6677	6582	1.46	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	0	3	10	4	114.60	cps
Nickel	60-2	340	410	423	391	11.44	cps
Phosphorus	31-2	1425	1292	1408	1375	5.28	cps
Potassium	39-2	82537	85370	84892	84266	1.80	cps
Rhodium	103-1	4910759	5204393	5131926	5082359	3.01	cps
Rhodium	103-2	3337246	3261938	3273314	3290833	1.23	cps
Scandium	45-1	3646803	3868826	3852381	3789337	3.26	cps
Scandium	45-2	315466	307253	309018	310579	1.39	cps
Selenium	82-1	283	227	195	235	18.97	cps
Selenium	77-2	23	10	23	19	40.75	cps
Selenium	78-2	189	194	194	193	1.67	cps
Silicon	28-1	605355	607777	611981	608371	0.55	cps
Silver	107-1	1917	1733	1742	1797	5.76	cps
Silver	109-1	1642	1775	1500	1639	8.39	cps
Sodium	23-2	38684	39728	39068	39160	1.35	cps
Strontium	86-1	2325	2100	2100	2175	5.97	cps
Strontium	88-1	4543	4326	4417	4429	2.46	cps
Sulfur	34-1	599567	596972	597150	597896	0.24	cps
Terbium	159-1	6992807	7266306	7237751	7165621	2.10	cps
Terbium	159-2	4893898	4689503	4767787	4783729	2.16	cps
Thallium	203-1	2042	1608	1750	1800	12.28	cps
Thallium	205-1	4400	4191	4517	4370	3.78	cps

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	M1458-01	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-SOIL-01-QT1-	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 16:15:01	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	189	194	233	206	11.78	cps
Tin	118-1	1834	1633	1783	1750	5.95	cps
Titanium	47-1	1167	1342	1217	1242	7.26	cps
Uranium	238-1	4764	4630	4224	4539	6.20	cps
Vanadium	51-2	643	633	647	641	1.08	cps
Yttrium	89-1	8720222	9122159	9032889	8958423	2.36	cps
Yttrium	89-2	2290140	2220073	2239312	2249842	1.61	cps
Zinc	66-2	347	460	373	393	15.07	cps
Zirconium	90-1	2984	2709	3017	2903	5.83	cps
Zirconium	91-1	592	592	692	625	9.24	cps

LB Number : LB113411 Operator : JASWAL
 Lab Sample ID : M1458-02 Instrumnet Name : P7
 Client Sample ID : LOQ-SOIL-02-QT1-2021 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-04 16:18:21 DataFile Name : 023LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3092	2675	2975	2914	7.38	cps
Antimony	121-1	12681	12848	12931	12820	0.99	cps
Arsenic	75-2	365	376	374	372	1.60	cps
Barium	135-1	14958	14416	14308	14561	2.39	cps
Barium	137-1	25574	24931	25491	25332	1.38	cps
Beryllium	9-1	1756	1689	1683	1709	2.35	cps
Bismuth	209-1	4550444	4470639	4487430	4502838	0.93	cps
Bismuth	209-2	3298635	3319403	3346621	3321553	0.72	cps
Boron	10-1	4317	4592	4567	4492	3.39	cps
Boron	11-1	20915	22467	22559	21980	4.20	cps
Bromine	81-1	6051	5518	5693	5754	4.73	cps
Bromine	81-2	20	50	20	30	57.74	cps
Cadmium	111-1	3624	3868	3680	3724	3.43	cps
Cadmium	106-1	4401	4859	4226	4495	7.28	cps
Cadmium	108-1	121	142	125	129	8.53	cps
Calcium	43-1	10637	10387	10312	10446	1.63	cps
Calcium	44-1	177925	177967	177578	177824	0.12	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7085	7345	7289	7240	1.89	cps
Cobalt	59-2	4494	4454	4661	4536	2.42	cps
Copper	63-2	7148	7305	7715	7390	3.96	cps
Dysprosium	156-1	17	17	0	11	86.60	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	33	33	42	36	13.33	cps
Erbium	164-2	27	20	30	26	19.92	cps
Gadolinium	160-1	108	50	50	69	48.50	cps
Gadolinium	160-2	63	67	63	64	2.99	cps
Holmium	165-1	7199302	7096872	7185876	7160684	0.78	cps
Holmium	165-2	4640742	4718021	4784819	4714528	1.53	cps
Indium	115-1	5507912	5471057	5497044	5492004	0.34	cps
Indium	115-2	1768037	1794696	1807644	1790126	1.13	cps
Iron	56-2	141131	141613	143442	142062	0.86	cps
Iron	57-2	3773	3673	3406	3617	5.24	cps

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	M1458-02	Instrumnet Name :	P7
Client Sample ID :	LOQ-SOIL-02-QT1-2021	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 16:18:21	DataFile Name :	023LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	9232	8762	8531	8842	4.04	cps
Krypton	83-1	917	947	1047	970	7.02	cps
Lead	206-1	5646	5990	5101	5579	8.04	cps
Lead	207-1	4695	4762	4879	4779	1.94	cps
Lead	208-1	21729	22452	22247	22143	1.68	cps
Lithium	6-1	1938407	1942438	1942696	1941180	0.12	cps
Magnesium	24-2	135892	135103	137843	136280	1.04	cps
Manganese	55-2	1987	2150	2060	2066	3.96	cps
Molybdenum	94-1	13115	13490	13290	13298	1.41	cps
Molybdenum	95-1	16735	15826	16727	16429	3.18	cps
Molybdenum	96-1	18187	18337	18245	18256	0.41	cps
Molybdenum	97-1	10454	10170	10279	10301	1.39	cps
Molybdenum	98-1	25899	26675	25999	26191	1.61	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	1397	1287	1350	1345	4.11	cps
Phosphorus	31-2	1475	1183	1350	1336	10.95	cps
Potassium	39-2	224555	227434	225523	225837	0.65	cps
Rhodium	103-1	5317566	5303276	5325349	5315397	0.21	cps
Rhodium	103-2	3286203	3299367	3362228	3315933	1.23	cps
Scandium	45-1	4010522	3991473	3971258	3991084	0.49	cps
Scandium	45-2	313167	316335	321119	316874	1.26	cps
Selenium	82-1	554	605	542	567	5.91	cps
Selenium	77-2	50	47	30	42	25.38	cps
Selenium	78-2	302	289	280	290	3.85	cps
Silicon	28-1	651696	652386	655172	653085	0.28	cps
Silver	107-1	7611	7127	7986	7574	5.68	cps
Silver	109-1	7294	6960	7035	7096	2.47	cps
Sodium	23-2	261872	263457	263246	262858	0.33	cps
Strontium	86-1	3284	3801	3709	3598	7.66	cps
Strontium	88-1	17344	17361	16952	17219	1.34	cps
Sulfur	34-1	605753	606231	612098	608027	0.58	cps
Terbium	159-1	7476563	7384918	7345646	7402376	0.91	cps
Terbium	159-2	4740245	4788716	4858566	4795842	1.24	cps
Thallium	203-1	6393	5926	6210	6177	3.81	cps
Thallium	205-1	14728	13907	14085	14240	3.03	cps

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	M1458-02	Instrumnet Name :	P7
Client Sample ID :	LOQ-SOIL-02-QT1-2021	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 16:18:21	DataFile Name :	023LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	161	167	150	159	5.33	cps
Tin	118-1	25090	24705	25398	25064	1.39	cps
Titanium	47-1	4801	4793	5359	4984	6.52	cps
Uranium	238-1	18108	18212	17439	17920	2.34	cps
Vanadium	51-2	13109	13563	13279	13317	1.72	cps
Yttrium	89-1	9487862	9354903	9451737	9431500	0.73	cps
Yttrium	89-2	2240329	2286684	2316342	2281118	1.68	cps
Zinc	66-2	1207	1193	1273	1225	3.50	cps
Zirconium	90-1	10813	11130	10996	10979	1.45	cps
Zirconium	91-1	2442	2442	2675	2520	5.35	cps

LB Number : LB113411 Operator : JASWAL
 Lab Sample ID : M1458-07 Instrumnet Name : P7
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-04 16:23:30 DataFile Name : 024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	867	917	717	833	12.49	cps
Antimony	121-1	1675	1725	1708	1703	1.49	cps
Arsenic	75-2	104	124	98	109	12.57	cps
Barium	135-1	1834	1834	1742	1803	2.94	cps
Barium	137-1	3042	3409	3050	3167	6.61	cps
Beryllium	9-1	406	494	461	454	9.90	cps
Bismuth	209-1	4549500	4485939	4437163	4490867	1.25	cps
Bismuth	209-2	3294608	3287491	3295388	3292495	0.13	cps
Boron	10-1	833	833	633	767	15.06	cps
Boron	11-1	3534	3651	3726	3637	2.66	cps
Bromine	81-1	6593	6243	6252	6363	3.14	cps
Bromine	81-2	60	50	100	70	37.80	cps
Cadmium	111-1	2488	2369	2535	2464	3.49	cps
Cadmium	106-1	4209	4034	4284	4176	3.07	cps
Cadmium	108-1	71	33	75	60	38.43	cps
Calcium	43-1	800	750	742	764	4.13	cps
Calcium	44-1	20566	20115	20302	20328	1.12	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1830	1780	1717	1776	3.20	cps
Cobalt	59-2	1233	1183	1337	1251	6.25	cps
Copper	63-2	2754	2884	2904	2847	2.86	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	7	3	10	7	50.03	cps
Erbium	164-1	25	25	42	31	31.50	cps
Erbium	164-2	23	47	7	26	78.62	cps
Gadolinium	160-1	67	75	58	67	12.49	cps
Gadolinium	160-2	70	83	73	76	9.18	cps
Holmium	165-1	7205832	7195917	7225959	7209236	0.21	cps
Holmium	165-2	4715976	4668334	4694255	4692855	0.51	cps
Indium	115-1	5563526	5545567	5485038	5531377	0.74	cps
Indium	115-2	1785998	1777674	1790086	1784586	0.35	cps
Iron	56-2	39977	41447	40423	40615	1.86	cps
Iron	57-2	1161	1100	1145	1135	2.78	cps

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	M1458-07	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 16:23:30	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	2983	3033	3154	3057	2.86	cps
Krypton	83-1	1070	973	993	1012	5.04	cps
Lead	206-1	1817	1939	1967	1908	4.18	cps
Lead	207-1	1872	1567	1828	1756	9.40	cps
Lead	208-1	7762	7479	7901	7714	2.79	cps
Lithium	6-1	1907584	1886041	1896019	1896548	0.57	cps
Magnesium	24-2	6977	7144	7177	7099	1.51	cps
Manganese	55-2	980	1033	1047	1020	3.46	cps
Molybdenum	94-1	3067	3467	3225	3253	6.19	cps
Molybdenum	95-1	3942	4309	3884	4045	5.70	cps
Molybdenum	96-1	4776	4601	4468	4615	3.35	cps
Molybdenum	97-1	2484	2625	2517	2542	2.91	cps
Molybdenum	98-1	6985	6618	6368	6657	4.66	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	433	460	463	452	3.64	cps
Phosphorus	31-2	1442	1350	1242	1345	7.45	cps
Potassium	39-2	85379	84917	83651	84649	1.06	cps
Rhodium	103-1	5417610	5399125	5339185	5385307	0.76	cps
Rhodium	103-2	3310962	3318244	3328510	3319238	0.27	cps
Scandium	45-1	4076685	4023133	4007379	4035733	0.90	cps
Scandium	45-2	314219	316885	318310	316471	0.66	cps
Selenium	82-1	192	279	287	252	20.88	cps
Selenium	77-2	20	20	23	21	9.11	cps
Selenium	78-2	222	213	211	215	2.76	cps
Silicon	28-1	610695	616892	625755	617781	1.23	cps
Silver	107-1	1575	1608	1708	1631	4.26	cps
Silver	109-1	1400	1483	1808	1564	13.80	cps
Sodium	23-2	37882	36787	37255	37308	1.47	cps
Strontium	86-1	1984	2175	2250	2136	6.44	cps
Strontium	88-1	4784	4826	4826	4812	0.50	cps
Sulfur	34-1	615636	616653	611464	614584	0.45	cps
Terbium	159-1	7390645	7534461	7224761	7383289	2.10	cps
Terbium	159-2	4791150	4785560	4796329	4791013	0.11	cps
Thallium	203-1	1900	1775	1533	1736	10.74	cps
Thallium	205-1	4018	4186	4301	4169	3.41	cps

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	M1458-07	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 16:23:30	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	122	172	167	154	17.83	cps
Tin	118-1	1658	1875	1834	1789	6.43	cps
Titanium	47-1	1158	1317	1325	1267	7.41	cps
Uranium	238-1	5005	4409	4453	4622	7.18	cps
Vanadium	51-2	630	693	680	668	5.00	cps
Yttrium	89-1	9659294	9522585	9392528	9524802	1.40	cps
Yttrium	89-2	2294572	2286680	2283923	2288392	0.24	cps
Zinc	66-2	370	403	437	403	8.26	cps
Zirconium	90-1	3359	2967	2800	3042	9.42	cps
Zirconium	91-1	625	808	567	667	18.92	cps

LB Number : LB113411 Operator : JASWAL
 Lab Sample ID : M1458-08 Instrumnet Name : P7
 Client Sample ID : LOQ-WATER-02-QT1-20 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-04 16:26:37 DataFile Name : 025LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2709	2992	2534	2745	8.43	cps
Antimony	121-1	12523	12689	11964	12392	3.07	cps
Arsenic	75-2	404	361	365	377	6.27	cps
Barium	135-1	13865	14508	14900	14424	3.62	cps
Barium	137-1	23921	24105	25390	24472	3.27	cps
Beryllium	9-1	1628	1628	1456	1570	6.33	cps
Bismuth	209-1	4720715	4551561	4484721	4585666	2.65	cps
Bismuth	209-2	3293471	3322208	3330705	3315461	0.59	cps
Boron	10-1	4434	4567	4351	4451	2.46	cps
Boron	11-1	20097	21265	22584	21315	5.84	cps
Bromine	81-1	6235	6135	6185	6185	0.81	cps
Bromine	81-2	60	10	50	40	66.14	cps
Cadmium	111-1	3766	3911	3810	3829	1.95	cps
Cadmium	106-1	4584	4793	4601	4659	2.49	cps
Cadmium	108-1	92	146	129	122	22.70	cps
Calcium	43-1	10195	11021	10271	10496	4.35	cps
Calcium	44-1	175290	179086	177601	177325	1.08	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7302	7192	7172	7222	0.97	cps
Cobalt	59-2	4587	4621	4767	4659	2.06	cps
Copper	63-2	7402	7499	7365	7422	0.93	cps
Dysprosium	156-1	17	0	17	11	86.60	cps
Dysprosium	156-2	3	7	13	8	65.47	cps
Erbium	164-1	17	33	25	25	33.32	cps
Erbium	164-2	17	17	17	17	0.00	cps
Gadolinium	160-1	67	67	67	67	0.00	cps
Gadolinium	160-2	67	73	57	66	12.79	cps
Holmium	165-1	7430023	7187012	7244439	7287158	1.74	cps
Holmium	165-2	4772234	4731636	4756778	4753549	0.43	cps
Indium	115-1	5826779	5586033	5550952	5654588	2.66	cps
Indium	115-2	1810392	1803353	1803467	1805737	0.22	cps
Iron	56-2	140373	141557	139644	140525	0.69	cps
Iron	57-2	3284	3651	3728	3554	6.68	cps

LB Number : LB113411 Operator : JASWAL
 Lab Sample ID : M1458-08 Instrumnet Name : P7
 Client Sample ID : LOQ-WATER-02-QT1-20 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-04 16:26:37 DataFile Name : 025LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	8842	9272	9232	9116	2.61	cps
Krypton	83-1	1017	1037	1077	1043	2.93	cps
Lead	206-1	5207	5423	5096	5242	3.18	cps
Lead	207-1	4467	4801	4818	4695	4.21	cps
Lead	208-1	20690	21485	20801	20992	2.05	cps
Lithium	6-1	1955064	1914640	1869204	1912969	2.25	cps
Magnesium	24-2	135279	135097	134129	134835	0.46	cps
Manganese	55-2	1983	2080	2023	2029	2.39	cps
Molybdenum	94-1	12823	12689	12347	12620	1.94	cps
Molybdenum	95-1	16293	17177	16335	16602	3.01	cps
Molybdenum	96-1	17611	18012	17328	17650	1.95	cps
Molybdenum	97-1	10196	10204	9962	10121	1.36	cps
Molybdenum	98-1	25398	25281	25757	25479	0.97	cps
Neodymium	150-1	20	0	0	7	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	1470	1400	1287	1386	6.68	cps
Phosphorus	31-2	1158	1325	1358	1281	8.37	cps
Potassium	39-2	222612	228677	226739	226009	1.37	cps
Rhodium	103-1	5661152	5444537	5422342	5509344	2.39	cps
Rhodium	103-2	3357139	3334120	3346763	3346007	0.34	cps
Scandium	45-1	4258298	4102829	4063166	4141431	2.49	cps
Scandium	45-2	320687	320718	320006	320470	0.13	cps
Selenium	82-1	590	525	485	533	9.88	cps
Selenium	77-2	60	63	20	48	50.47	cps
Selenium	78-2	283	280	283	282	0.76	cps
Silicon	28-1	656575	663278	659206	659686	0.51	cps
Silver	107-1	7160	7927	7636	7574	5.11	cps
Silver	109-1	6585	6818	7544	6982	7.16	cps
Sodium	23-2	257583	260646	262026	260085	0.87	cps
Strontium	86-1	3484	3967	3759	3737	6.49	cps
Strontium	88-1	16960	17428	17052	17147	1.44	cps
Sulfur	34-1	615421	625455	623446	621441	0.85	cps
Terbium	159-1	7816398	7617290	7434726	7622805	2.50	cps
Terbium	159-2	4816307	4805259	4822849	4814805	0.18	cps
Thallium	203-1	5568	5618	5868	5685	2.83	cps
Thallium	205-1	14148	13528	13891	13855	2.25	cps

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	M1458-08	Instrumnet Name :	P7
Client Sample ID :	LOQ-WATER-02-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 16:26:37	DataFile Name :	025LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	156	144	117	139	14.42	cps
Tin	118-1	24480	24647	24439	24522	0.45	cps
Titanium	47-1	4959	4818	4876	4884	1.46	cps
Uranium	238-1	18265	16995	18070	17777	3.85	cps
Vanadium	51-2	13403	13016	13143	13187	1.50	cps
Yttrium	89-1	9939802	9587597	9638509	9721969	1.96	cps
Yttrium	89-2	2307117	2320226	2311521	2312955	0.29	cps
Zinc	66-2	1177	1197	1160	1178	1.56	cps
Zirconium	90-1	10562	10571	10588	10574	0.12	cps
Zirconium	91-1	2525	2459	2409	2464	2.38	cps

LB Number : LB113411 Operator : JASWAL
 Lab Sample ID : M1458-10 Instrumnet Name : P7
 Client Sample ID : LOD-MDL-WATER-04-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-04 16:29:44 DataFile Name : 026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	850	950	883	894	5.69	cps
Antimony	121-1	1550	1842	1817	1736	9.31	cps
Arsenic	75-2	80	94	124	99	22.77	cps
Barium	135-1	1984	1934	1767	1895	5.99	cps
Barium	137-1	3259	3175	3259	3231	1.49	cps
Beryllium	9-1	489	450	411	450	8.64	cps
Bismuth	209-1	4489793	4437282	4228851	4385309	3.15	cps
Bismuth	209-2	3284168	3179990	3257783	3240647	1.67	cps
Boron	10-1	817	867	850	844	3.01	cps
Boron	11-1	3942	3959	3676	3859	4.12	cps
Bromine	81-1	6418	5851	6393	6221	5.15	cps
Bromine	81-2	20	40	60	40	50.00	cps
Cadmium	111-1	2495	2829	2332	2552	9.93	cps
Cadmium	106-1	4367	4901	4001	4423	10.24	cps
Cadmium	108-1	50	54	50	51	4.68	cps
Calcium	43-1	867	808	550	742	22.72	cps
Calcium	44-1	19907	20870	20248	20342	2.40	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1903	1760	1707	1790	5.68	cps
Cobalt	59-2	1243	1320	1237	1267	3.66	cps
Copper	63-2	2630	2574	2620	2608	1.16	cps
Dysprosium	156-1	17	25	25	22	21.64	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	67	50	50	56	17.32	cps
Erbium	164-2	20	17	20	19	10.18	cps
Gadolinium	160-1	42	67	75	61	28.38	cps
Gadolinium	160-2	53	70	67	63	13.93	cps
Holmium	165-1	7077121	7183840	6810984	7023981	2.73	cps
Holmium	165-2	4678553	4556292	4674851	4636566	1.50	cps
Indium	115-1	5499615	5491776	5220678	5404023	2.94	cps
Indium	115-2	1774114	1735627	1779749	1763163	1.36	cps
Iron	56-2	41486	41035	39637	40719	2.37	cps
Iron	57-2	967	1156	1122	1082	9.32	cps

LB Number : LB113411 Operator : JASWAL
 Lab Sample ID : M1458-10 Instrumnet Name : P7
 Client Sample ID : LOD-MDL-WATER-04-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-04 16:29:44 DataFile Name : 026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	2923	3334	3084	3114	6.65	cps
Krypton	83-1	923	840	1030	931	10.23	cps
Lead	206-1	1895	1833	1778	1835	3.18	cps
Lead	207-1	1695	1583	1711	1663	4.18	cps
Lead	208-1	7473	7218	7662	7451	2.99	cps
Lithium	6-1	1891232	1879710	1809993	1860312	2.36	cps
Magnesium	24-2	7060	7127	6543	6910	4.62	cps
Manganese	55-2	1033	1007	980	1007	2.65	cps
Molybdenum	94-1	3692	3375	3300	3456	6.02	cps
Molybdenum	95-1	3676	3626	3884	3728	3.68	cps
Molybdenum	96-1	4292	4309	4534	4379	3.08	cps
Molybdenum	97-1	2492	2542	2509	2514	1.01	cps
Molybdenum	98-1	6560	6443	6227	6410	2.64	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	390	503	433	442	12.93	cps
Phosphorus	31-2	1333	1300	1375	1336	2.81	cps
Potassium	39-2	84875	87490	85570	85978	1.58	cps
Rhodium	103-1	5322626	5347179	5067127	5245644	2.96	cps
Rhodium	103-2	3287561	3222639	3324698	3278300	1.58	cps
Scandium	45-1	4048362	4060008	3824413	3977594	3.34	cps
Scandium	45-2	316016	307290	314214	312507	1.47	cps
Selenium	82-1	385	486	243	371	32.89	cps
Selenium	77-2	20	30	30	27	21.65	cps
Selenium	78-2	193	194	196	194	0.95	cps
Silicon	28-1	627971	630853	629754	629526	0.23	cps
Silver	107-1	1675	1750	1717	1714	2.19	cps
Silver	109-1	1367	1667	1692	1575	11.48	cps
Sodium	23-2	36010	36328	35868	36069	0.65	cps
Strontium	86-1	2134	2242	2417	2264	6.32	cps
Strontium	88-1	4626	4459	4517	4534	1.87	cps
Sulfur	34-1	620960	627406	616779	621715	0.86	cps
Terbium	159-1	7463120	7375582	6979410	7272704	3.54	cps
Terbium	159-2	4697420	4663354	4778771	4713182	1.26	cps
Thallium	203-1	1650	1742	1633	1675	3.48	cps
Thallium	205-1	4337	3979	3901	4072	5.71	cps

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	M1458-10	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-04-Q1	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 16:29:44	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	339	322	267	309	12.23	cps
Tin	118-1	1750	1809	1767	1775	1.69	cps
Titanium	47-1	1050	1242	1400	1231	14.24	cps
Uranium	238-1	4421	4457	4551	4476	1.50	cps
Vanadium	51-2	650	553	637	613	8.54	cps
Yttrium	89-1	9544511	9407574	8998606	9316897	3.05	cps
Yttrium	89-2	2276084	2226575	2280677	2261112	1.33	cps
Zinc	66-2	400	417	433	417	4.00	cps
Zirconium	90-1	3109	3075	2950	3045	2.74	cps
Zirconium	91-1	542	717	742	667	16.35	cps

LB Number : LB113411 Operator : JASWAL
 Lab Sample ID : M1458-11 Instrumnet Name : P7
 Client Sample ID : LOQ-WATER-05-QT1-20 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-04 16:32:53 DataFile Name : 027LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2875	2900	2417	2731	9.97	cps
Antimony	121-1	12906	13115	12748	12923	1.42	cps
Arsenic	75-2	372	352	354	359	3.14	cps
Barium	135-1	14917	14675	15083	14892	1.38	cps
Barium	137-1	25975	25324	26225	25841	1.80	cps
Beryllium	9-1	1633	1622	1633	1630	0.39	cps
Bismuth	209-1	4526715	4563082	4618181	4569326	1.01	cps
Bismuth	209-2	3333832	3288892	3244880	3289202	1.35	cps
Boron	10-1	4559	4651	4693	4634	1.47	cps
Boron	11-1	21992	23719	23786	23166	4.39	cps
Bromine	81-1	6101	5651	5801	5851	3.92	cps
Bromine	81-2	30	100	50	60	60.09	cps
Cadmium	111-1	3579	3789	3557	3642	3.52	cps
Cadmium	106-1	4418	4576	4626	4540	2.40	cps
Cadmium	108-1	108	129	175	138	24.80	cps
Calcium	43-1	10629	11129	10712	10824	2.48	cps
Calcium	44-1	181572	185277	178992	181947	1.74	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7305	7192	7202	7233	0.87	cps
Cobalt	59-2	4644	4871	4604	4706	3.06	cps
Copper	63-2	7175	7529	7312	7339	2.43	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	7	7	3	6	34.70	cps
Erbium	164-1	33	33	42	36	13.33	cps
Erbium	164-2	20	30	10	20	50.00	cps
Gadolinium	160-1	42	50	50	47	10.18	cps
Gadolinium	160-2	50	57	60	56	9.17	cps
Holmium	165-1	7184969	7326899	7489723	7333864	2.08	cps
Holmium	165-2	4779886	4718469	4668900	4722418	1.18	cps
Indium	115-1	5592765	5615085	5684719	5630857	0.85	cps
Indium	115-2	1817751	1803568	1787230	1802850	0.85	cps
Iron	56-2	142476	139970	137278	139908	1.86	cps
Iron	57-2	3678	3689	3189	3519	8.12	cps

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	M1458-11	Instrumnet Name :	P7
Client Sample ID :	LOQ-WATER-05-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 16:32:53	DataFile Name :	027LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	9032	9182	8301	8838	5.34	cps
Krypton	83-1	1097	1047	987	1043	5.28	cps
Lead	206-1	5196	5173	5440	5270	2.81	cps
Lead	207-1	4718	4651	4951	4773	3.30	cps
Lead	208-1	21368	21196	21935	21500	1.80	cps
Lithium	6-1	1930178	1922973	1948817	1933989	0.69	cps
Magnesium	24-2	140704	136003	134953	137220	2.23	cps
Manganese	55-2	2104	2110	2137	2117	0.83	cps
Molybdenum	94-1	13290	13398	13081	13256	1.22	cps
Molybdenum	95-1	16777	16485	17336	16866	2.56	cps
Molybdenum	96-1	17878	18471	17720	18023	2.20	cps
Molybdenum	97-1	10196	10404	10396	10332	1.14	cps
Molybdenum	98-1	26517	25390	27243	26383	3.54	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	1290	1290	1507	1362	9.18	cps
Phosphorus	31-2	1192	1275	1017	1161	11.36	cps
Potassium	39-2	225742	224581	228618	226313	0.92	cps
Rhodium	103-1	5442905	5520395	5538878	5500726	0.93	cps
Rhodium	103-2	3385648	3324360	3317685	3342564	1.12	cps
Scandium	45-1	4120250	4132544	4174445	4142413	0.69	cps
Scandium	45-2	320476	319231	317002	318903	0.55	cps
Selenium	82-1	466	453	512	477	6.47	cps
Selenium	77-2	47	47	47	47	0.00	cps
Selenium	78-2	283	298	274	285	4.26	cps
Silicon	28-1	665002	669766	666608	667125	0.36	cps
Silver	107-1	7752	7894	7927	7858	1.18	cps
Silver	109-1	7594	7510	7285	7463	2.14	cps
Sodium	23-2	261862	255913	256509	258095	1.27	cps
Strontium	86-1	3592	3909	3617	3706	4.75	cps
Strontium	88-1	17903	17920	17995	17939	0.27	cps
Sulfur	34-1	621689	626542	624082	624105	0.39	cps
Terbium	159-1	7580316	7544431	7679191	7601312	0.92	cps
Terbium	159-2	4827637	4812262	4773923	4804607	0.58	cps
Thallium	203-1	5860	6177	6160	6065	2.94	cps
Thallium	205-1	14552	13660	14501	14238	3.52	cps

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	M1458-11	Instrumnet Name :	P7
Client Sample ID :	LOQ-WATER-05-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 16:32:53	DataFile Name :	027LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	83	133	144	120	27.04	cps
Tin	118-1	26818	25615	24956	25796	3.66	cps
Titanium	47-1	4801	5251	5009	5020	4.49	cps
Uranium	238-1	18398	17942	18302	18214	1.32	cps
Vanadium	51-2	13109	13206	13083	13133	0.49	cps
Yttrium	89-1	9688002	9681008	9826976	9731995	0.85	cps
Yttrium	89-2	2322055	2303197	2279938	2301730	0.92	cps
Zinc	66-2	1180	1177	1267	1208	4.23	cps
Zirconium	90-1	11330	11680	11071	11360	2.69	cps
Zirconium	91-1	2309	2434	2809	2517	10.34	cps

LB Number : LB113411 Operator : JASWAL
 Lab Sample ID : PB134943BL Instrumnet Name : P7
 Client Sample ID : PB134943BL Dilution Factor : 1
 Date & Time Acquired :: 2021-03-04 16:36:05 DataFile Name : 028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	208	167	158	34.51	cps
Antimony	121-1	108	42	92	81	43.07	cps
Arsenic	75-2	4	6	4	4	24.86	cps
Barium	135-1	17	17	25	19	24.73	cps
Barium	137-1	17	25	17	19	24.73	cps
Beryllium	9-1	28	28	72	43	60.24	cps
Bismuth	209-1	4639503	4615843	4547758	4601035	1.04	cps
Bismuth	209-2	3296016	3286688	3296126	3292943	0.16	cps
Boron	10-1	608	583	608	600	2.41	cps
Boron	11-1	2659	2825	2559	2681	5.03	cps
Bromine	81-1	6126	5318	6018	5821	7.54	cps
Bromine	81-2	70	20	40	43	58.08	cps
Cadmium	111-1	2175	2200	2159	2178	0.95	cps
Cadmium	106-1	4376	4392	4359	4376	0.38	cps
Cadmium	108-1	25	13	29	22	39.04	cps
Calcium	43-1	283	258	308	283	8.82	cps
Calcium	44-1	12136	11811	11681	11876	1.97	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1077	1137	1057	1090	3.82	cps
Cobalt	59-2	50	33	70	51	35.92	cps
Copper	63-2	1127	1027	1100	1084	4.78	cps
Dysprosium	156-1	0	33	8	14	124.91	cps
Dysprosium	156-2	13	7	0	7	99.98	cps
Erbium	164-1	50	25	58	44	39.04	cps
Erbium	164-2	17	20	17	18	10.81	cps
Gadolinium	160-1	25	33	50	36	35.25	cps
Gadolinium	160-2	87	67	47	67	30.00	cps
Holmium	165-1	7454307	7430945	7229316	7371522	1.68	cps
Holmium	165-2	4743095	4695815	4737307	4725406	0.55	cps
Indium	115-1	5716299	5733765	5635238	5695101	0.92	cps
Indium	115-2	1800568	1801808	1795081	1799152	0.20	cps
Iron	56-2	6518	6879	6802	6733	2.82	cps
Iron	57-2	267	283	272	274	3.10	cps

LB Number : LB113411 Operator : JASWAL
 Lab Sample ID : PB134943BL Instrumnet Name : P7
 Client Sample ID : PB134943BL Dilution Factor : 1
 Date & Time Acquired :: 2021-03-04 16:36:05 DataFile Name : 028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1091	1121	1161	1125	3.13	cps
Krypton	83-1	1020	870	1017	969	8.84	cps
Lead	206-1	628	578	611	606	4.20	cps
Lead	207-1	633	594	628	619	3.40	cps
Lead	208-1	2506	2661	2850	2672	6.46	cps
Lithium	6-1	1990572	1987527	1949187	1975762	1.17	cps
Magnesium	24-2	242	167	167	192	22.59	cps
Manganese	55-2	60	83	87	77	18.95	cps
Molybdenum	94-1	133	158	242	178	31.91	cps
Molybdenum	95-1	58	42	50	50	16.66	cps
Molybdenum	96-1	108	117	100	108	7.69	cps
Molybdenum	97-1	50	25	33	36	35.25	cps
Molybdenum	98-1	42	75	50	56	31.22	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	123	117	100	113	10.61	cps
Phosphorus	31-2	1375	1325	1233	1311	5.48	cps
Potassium	39-2	80794	81129	81314	81079	0.33	cps
Rhodium	103-1	5613093	5563057	5468149	5548100	1.33	cps
Rhodium	103-2	3318383	3329122	3323650	3323719	0.16	cps
Scandium	45-1	4201428	4205154	4147098	4184560	0.78	cps
Scandium	45-2	320290	318518	317517	318775	0.44	cps
Selenium	82-1	44	98	3	48	98.26	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	120	104	165	130	24.37	cps
Silicon	28-1	613631	614317	616724	614891	0.26	cps
Silver	107-1	125	167	75	122	37.55	cps
Silver	109-1	42	33	8	28	62.46	cps
Sodium	23-2	23911	23210	23385	23502	1.55	cps
Strontium	86-1	1508	1617	1725	1617	6.70	cps
Strontium	88-1	92	167	67	108	48.04	cps
Sulfur	34-1	620764	621982	617766	620171	0.35	cps
Terbium	159-1	7662971	7635197	7525786	7607985	0.95	cps
Terbium	159-2	4783287	4812819	4766358	4787488	0.49	cps
Thallium	203-1	208	300	217	242	20.98	cps
Thallium	205-1	638	652	551	613	8.93	cps

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	PB134943BL	Instrumnet Name :	P7
Client Sample ID :	PB134943BL	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 16:36:05	DataFile Name :	028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	167	167	133	156	12.37	cps
Tin	118-1	467	500	500	489	3.94	cps
Titanium	47-1	92	83	83	86	5.58	cps
Uranium	238-1	-33	-60	-48	-47	-28.30	cps
Vanadium	51-2	10	3	20	11	75.52	cps
Yttrium	89-1	10000935	9823308	9705167	9843137	1.51	cps
Yttrium	89-2	2304623	2300547	2297871	2301013	0.15	cps
Zinc	66-2	120	147	137	134	10.02	cps
Zirconium	90-1	433	583	467	494	15.93	cps
Zirconium	91-1	83	100	58	81	26.04	cps

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	PB134943BS	Instrumnet Name :	P7
Client Sample ID :	PB134943BS	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 16:39:12	DataFile Name :	029LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1267983	1241513	1255529	1255008	1.06	cps
Antimony	121-1	3218091	3166524	3231134	3205249	1.07	cps
Arsenic	75-2	171638	171507	170460	171201	0.38	cps
Barium	135-1	3666213	3611600	3683936	3653916	1.03	cps
Barium	137-1	6518137	6479231	6421886	6473085	0.75	cps
Beryllium	9-1	794413	777199	781933	784515	1.13	cps
Bismuth	209-1	3604199	4339753	4440800	4128251	11.06	cps
Bismuth	209-2	3203417	3215816	3218666	3212633	0.25	cps
Boron	10-1	82633	84577	87226	84812	2.72	cps
Boron	11-1	394204	407408	415788	405800	2.68	cps
Bromine	81-1	5926	5518	5776	5740	3.60	cps
Bromine	81-2	60	70	60	63	9.12	cps
Cadmium	111-1	789692	775988	786169	783950	0.91	cps
Cadmium	106-1	94698	94840	94816	94784	0.08	cps
Cadmium	108-1	63102	61850	61800	62251	1.18	cps
Calcium	43-1	1045299	1019878	1030213	1031796	1.24	cps
Calcium	44-1	15555142	15210644	15334943	15366910	1.14	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1483521	1453488	1453842	1463617	1.18	cps
Cobalt	59-2	2183243	2156079	2135656	2158326	1.11	cps
Copper	63-2	14713819	14482707	14503215	14566580	0.88	cps
Dysprosium	156-1	317	300	283	300	5.56	cps
Dysprosium	156-2	163	233	213	203	17.73	cps
Erbium	164-1	25	167	125	106	68.98	cps
Erbium	164-2	90	53	57	67	30.41	cps
Gadolinium	160-1	217	283	317	272	18.71	cps
Gadolinium	160-2	270	280	207	252	15.77	cps
Holmium	165-1	5932024	7123472	7307473	6787656	11.00	cps
Holmium	165-2	4697078	4651266	4672018	4673454	0.49	cps
Indium	115-1	4343105	5236455	5336751	4972104	11.00	cps
Indium	115-2	1701058	1675695	1694393	1690382	0.78	cps
Iron	56-2	62433869	61555804	62593808	62194494	0.90	cps
Iron	57-2	1586470	1566008	1566521	1573000	0.74	cps

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	PB134943BS	Instrumnet Name :	P7
Client Sample ID :	PB134943BS	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 16:39:12	DataFile Name :	029LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	3624778	3600786	3598702	3608089	0.40	cps
Krypton	83-1	1003	1027	903	978	6.70	cps
Lead	206-1	12534899	12404015	12371943	12436952	0.69	cps
Lead	207-1	11323437	11215267	11231442	11256715	0.52	cps
Lead	208-1	50950231	50554762	50958311	50821101	0.45	cps
Lithium	6-1	1632470	1915861	1925935	1824755	9.13	cps
Magnesium	24-2	12842529	12660634	12757560	12753574	0.71	cps
Manganese	55-2	9629418	9532269	9403701	9521796	1.19	cps
Molybdenum	94-1	6585283	6392394	6480999	6486226	1.49	cps
Molybdenum	95-1	8233173	8114729	8175374	8174425	0.72	cps
Molybdenum	96-1	9067065	8794017	8879877	8913653	1.57	cps
Molybdenum	97-1	5194895	5049310	5129495	5124566	1.42	cps
Molybdenum	98-1	13033360	12644790	12838735	12838962	1.51	cps
Neodymium	150-1	360	327	393	360	9.26	cps
Neodymium	150-2	67	80	87	78	13.09	cps
Nickel	60-2	559437	553960	549050	554149	0.94	cps
Phosphorus	31-2	75130	72651	72644	73475	1.95	cps
Potassium	39-2	6821299	6649879	6734552	6735243	1.27	cps
Rhodium	103-1	4171389	5014940	5109497	4765275	10.84	cps
Rhodium	103-2	3158703	3102644	3101455	3120934	1.05	cps
Scandium	45-1	3236056	3837691	3922569	3665439	10.21	cps
Scandium	45-2	304399	300712	303915	303008	0.66	cps
Selenium	82-1	52229	50599	50863	51230	1.71	cps
Selenium	77-2	4561	4261	4327	4383	3.60	cps
Selenium	78-2	14593	14428	14806	14609	1.30	cps
Silicon	28-1	3749355	3967957	4060518	3925943	4.07	cps
Silver	107-1	3831882	3813114	3809429	3818142	0.32	cps
Silver	109-1	3655103	3602048	3617481	3624877	0.75	cps
Sodium	23-2	21769495	21262858	21542584	21524979	1.18	cps
Strontium	86-1	951312	943088	939985	944795	0.62	cps
Strontium	88-1	8322423	8118431	8162132	8200995	1.31	cps
Sulfur	34-1	963565	935163	938786	945838	1.63	cps
Terbium	159-1	6168402	7358116	7473658	7000059	10.32	cps
Terbium	159-2	4759006	4698649	4722336	4726664	0.64	cps
Thallium	203-1	2832396	2795066	2850909	2826124	1.01	cps
Thallium	205-1	7025987	6995714	7008891	7010197	0.22	cps

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	PB134943BS	Instrumnet Name :	P7
Client Sample ID :	PB134943BS	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 16:39:12	DataFile Name :	029LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	11159559	11025612	11215689	11133620	0.88	cps
Tin	118-1	2473442	2407409	2430972	2437274	1.37	cps
Titanium	47-1	2399811	2333955	2326734	2353500	1.71	cps
Uranium	238-1	8945660	8851437	9005808	8934301	0.87	cps
Vanadium	51-2	1257217	1246940	1245102	1249753	0.52	cps
Yttrium	89-1	7690559	9139618	9328689	8719622	10.28	cps
Yttrium	89-2	2204867	2182588	2201134	2196196	0.54	cps
Zinc	66-2	2496909	2467378	2455822	2473370	0.86	cps
Zirconium	90-1	5391043	5251563	5280898	5307835	1.39	cps
Zirconium	91-1	1196987	1161927	1170607	1176507	1.55	cps

LB Number : LB113411 Operator : JASWAL
 Lab Sample ID : PB134944BS Instrumnet Name : P7
 Client Sample ID : PB134944BS Dilution Factor : 1
 Date & Time Acquired :: 2021-03-04 16:43:40 DataFile Name : 030LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1260487	1257376	1245461	1254441	0.63	cps
Antimony	121-1	3157485	3179294	3210818	3182532	0.84	cps
Arsenic	75-2	171641	169626	169824	170364	0.65	cps
Barium	135-1	3623609	3637559	3694478	3651882	1.03	cps
Barium	137-1	6351956	6501637	6523373	6458989	1.44	cps
Beryllium	9-1	765302	772827	777588	771906	0.80	cps
Bismuth	209-1	4416604	4411353	4494846	4440934	1.05	cps
Bismuth	209-2	3236396	3209294	3219121	3221604	0.43	cps
Boron	10-1	81653	85038	88792	85161	4.19	cps
Boron	11-1	384203	404536	413025	400588	3.70	cps
Bromine	81-1	5384	5259	5593	5412	3.11	cps
Bromine	81-2	80	50	60	63	24.12	cps
Cadmium	111-1	769291	773215	779749	774085	0.68	cps
Cadmium	106-1	93280	93649	94614	93848	0.73	cps
Cadmium	108-1	61779	61394	62876	62017	1.24	cps
Calcium	43-1	996818	997673	1012543	1002345	0.88	cps
Calcium	44-1	14782735	14907459	14953984	14881393	0.60	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1464713	1443407	1450063	1452728	0.75	cps
Cobalt	59-2	2169064	2154377	2151928	2158456	0.43	cps
Copper	63-2	14679162	14453887	14577981	14570344	0.77	cps
Dysprosium	156-1	258	292	350	300	15.47	cps
Dysprosium	156-2	163	173	187	174	6.71	cps
Erbium	164-1	42	100	125	89	48.11	cps
Erbium	164-2	53	50	57	53	6.25	cps
Gadolinium	160-1	317	250	275	281	12.00	cps
Gadolinium	160-2	227	193	193	204	9.41	cps
Holmium	165-1	7082059	7249123	7387368	7239516	2.11	cps
Holmium	165-2	4685678	4642611	4686727	4671672	0.54	cps
Indium	115-1	5265550	5310152	5384593	5320098	1.13	cps
Indium	115-2	1700403	1676195	1695401	1690666	0.76	cps
Iron	56-2	62912833	61679468	61548603	62046968	1.21	cps
Iron	57-2	1579858	1558168	1551432	1563153	0.95	cps

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	PB134944BS	Instrumnet Name :	P7
Client Sample ID :	PB134944BS	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 16:43:40	DataFile Name :	030LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	3612774	3582962	3579972	3591903	0.50	cps
Krypton	83-1	950	883	963	932	4.60	cps
Lead	206-1	12286573	12429124	12686249	12467315	1.62	cps
Lead	207-1	11310179	11409098	11570261	11429846	1.15	cps
Lead	208-1	50721182	50972444	51720333	51137986	1.02	cps
Lithium	6-1	1905777	1922788	1928036	1918867	0.61	cps
Magnesium	24-2	12992205	12737055	12635694	12788318	1.44	cps
Manganese	55-2	9654026	9395854	9381585	9477155	1.62	cps
Molybdenum	94-1	6299110	6412808	6473029	6394982	1.38	cps
Molybdenum	95-1	7913204	8006114	8079766	7999695	1.04	cps
Molybdenum	96-1	8678304	8792191	8847696	8772730	0.98	cps
Molybdenum	97-1	5004751	4998374	5078382	5027169	0.88	cps
Molybdenum	98-1	12498268	12542550	12660037	12566951	0.67	cps
Neodymium	150-1	320	320	300	313	3.69	cps
Neodymium	150-2	100	77	57	78	27.88	cps
Nickel	60-2	555657	545772	550714	550714	0.90	cps
Phosphorus	31-2	72266	72610	72091	72322	0.36	cps
Potassium	39-2	6785238	6636227	6725048	6715504	1.12	cps
Rhodium	103-1	4992494	5021159	5087894	5033849	0.97	cps
Rhodium	103-2	3150276	3091271	3126892	3122813	0.95	cps
Scandium	45-1	3837741	3831382	3880998	3850040	0.70	cps
Scandium	45-2	303011	299865	298739	300538	0.74	cps
Selenium	82-1	49887	50619	51068	50524	1.18	cps
Selenium	77-2	4207	4311	4127	4215	2.18	cps
Selenium	78-2	14357	14144	14444	14315	1.08	cps
Silicon	28-1	3569208	3825756	3906222	3767062	4.67	cps
Silver	107-1	3731598	3763283	3826387	3773756	1.28	cps
Silver	109-1	3572903	3563065	3613766	3583245	0.75	cps
Sodium	23-2	21590552	21380318	21396095	21455655	0.55	cps
Strontium	86-1	919535	923756	938453	927248	1.07	cps
Strontium	88-1	7998925	8007534	8132136	8046198	0.93	cps
Sulfur	34-1	884606	883316	882656	883526	0.11	cps
Terbium	159-1	7331040	7571162	7582621	7494941	1.90	cps
Terbium	159-2	4772529	4743600	4694127	4736752	0.84	cps
Thallium	203-1	2781432	2810124	2853224	2814927	1.28	cps
Thallium	205-1	6943909	7131244	7024946	7033366	1.34	cps

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	PB134944BS	Instrumnet Name :	P7
Client Sample ID :	PB134944BS	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 16:43:40	DataFile Name :	030LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	11049690	11151535	11361585	11187603	1.42	cps
Tin	118-1	2391146	2384014	2427479	2400880	0.97	cps
Titanium	47-1	2290624	2267234	2309974	2289277	0.93	cps
Uranium	238-1	8852834	9030745	9181873	9021817	1.83	cps
Vanadium	51-2	1249438	1238041	1234115	1240531	0.64	cps
Yttrium	89-1	9143156	9269643	9261280	9224693	0.77	cps
Yttrium	89-2	2201495	2186236	2198429	2195387	0.37	cps
Zinc	66-2	2487303	2463386	2461273	2470654	0.59	cps
Zirconium	90-1	5154704	5201266	5239846	5198606	0.82	cps
Zirconium	91-1	1145073	1156787	1167926	1156595	0.99	cps

LB Number : LB113411 Operator : JASWAL
 Lab Sample ID : CCV02 Instrumnet Name : P7
 Client Sample ID : CCV02 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-04 16:57:34 DataFile Name : 034CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6024694	6052983	5939749	6005809	0.98	cps
Antimony	121-1	3150805	3194652	3217435	3187631	1.06	cps
Arsenic	75-2	176302	175344	174888	175511	0.41	cps
Barium	135-1	3636731	3673032	3705231	3671665	0.93	cps
Barium	137-1	6510151	6511935	6662734	6561607	1.33	cps
Beryllium	9-1	769603	772595	782543	774914	0.87	cps
Bismuth	209-1	4149381	4219784	4195991	4188385	0.86	cps
Bismuth	209-2	3063419	3056832	3047635	3055962	0.26	cps
Boron	10-1	83841	88667	93009	88506	5.18	cps
Boron	11-1	395515	416823	437216	416518	5.01	cps
Bromine	81-1	5726	5860	6143	5910	3.60	cps
Bromine	81-2	50	120	80	83	42.15	cps
Cadmium	111-1	762754	766413	771005	766724	0.54	cps
Cadmium	106-1	93398	92434	96048	93960	1.99	cps
Cadmium	108-1	61863	60834	61491	61396	0.85	cps
Calcium	43-1	4663944	4917986	4627860	4736597	3.34	cps
Calcium	44-1	74199425	72973715	73822372	73665171	0.85	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1504829	1491925	1484723	1493825	0.68	cps
Cobalt	59-2	2181623	2173359	2171133	2175372	0.25	cps
Copper	63-2	14397120	14541966	14430958	14456681	0.52	cps
Dysprosium	156-1	858	975	792	875	10.61	cps
Dysprosium	156-2	670	647	557	624	9.58	cps
Erbium	164-1	150	233	117	167	36.06	cps
Erbium	164-2	113	107	117	112	4.54	cps
Gadolinium	160-1	967	1200	1050	1072	11.03	cps
Gadolinium	160-2	780	767	753	767	1.74	cps
Holmium	165-1	7148989	7143628	7306279	7199632	1.28	cps
Holmium	165-2	4655538	4674480	4692171	4674063	0.39	cps
Indium	115-1	5140477	5177145	5207932	5175185	0.65	cps
Indium	115-2	1683541	1685868	1679496	1682968	0.19	cps
Iron	56-2	303566929	301355685	301335585	302086066	0.42	cps
Iron	57-2	7616289	7545505	7470883	7544225	0.96	cps

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	CCV02	Instrumnet Name :	P7
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 16:57:34	DataFile Name :	034CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	16948911	16731436	16491395	16723914	1.37	cps
Krypton	83-1	1063	970	920	984	7.39	cps
Lead	206-1	12164383	12317168	12083379	12188310	0.97	cps
Lead	207-1	11202014	11195591	11161611	11186406	0.19	cps
Lead	208-1	49862448	50226646	49740937	49943343	0.51	cps
Lithium	6-1	1873788	1893726	1904233	1890582	0.82	cps
Magnesium	24-2	64958487	63672408	62114147	63581681	2.24	cps
Manganese	55-2	9864885	9758713	9671159	9764919	0.99	cps
Molybdenum	94-1	6576532	6631398	6589080	6599003	0.44	cps
Molybdenum	95-1	8239485	8271610	8190056	8233717	0.50	cps
Molybdenum	96-1	9012562	9024151	9065351	9034021	0.31	cps
Molybdenum	97-1	5128338	5170373	5179534	5159415	0.53	cps
Molybdenum	98-1	12921813	12924354	13192571	13012913	1.20	cps
Neodymium	150-1	320	353	300	324	8.30	cps
Neodymium	150-2	93	87	83	88	5.80	cps
Nickel	60-2	556654	551156	549602	552471	0.67	cps
Phosphorus	31-2	76612	75423	73824	75286	1.86	cps
Potassium	39-2	33745737	34232268	33397167	33791724	1.24	cps
Rhodium	103-1	4889575	4875669	4917774	4894339	0.44	cps
Rhodium	103-2	3037623	3040323	3039021	3038989	0.04	cps
Scandium	45-1	3842195	3847314	3901732	3863747	0.85	cps
Scandium	45-2	310777	308804	304762	308115	1.00	cps
Selenium	82-1	49913	51340	51151	50801	1.53	cps
Selenium	77-2	4367	4591	4304	4421	3.41	cps
Selenium	78-2	14778	14602	14808	14729	0.76	cps
Silicon	28-1	3209569	3306140	3388946	3301552	2.72	cps
Silver	107-1	3709265	3681318	3753093	3714559	0.97	cps
Silver	109-1	3495230	3495031	3509919	3500060	0.24	cps
Sodium	23-2	105023786	104289646	103244044	104185825	0.86	cps
Strontium	86-1	949396	946646	958621	951554	0.66	cps
Strontium	88-1	8245252	8283339	8445270	8324620	1.28	cps
Sulfur	34-1	897495	897547	900223	898421	0.17	cps
Terbium	159-1	7307160	7317532	7488975	7371222	1.39	cps
Terbium	159-2	4705820	4729462	4714815	4716699	0.25	cps
Thallium	203-1	2751865	2783999	2781287	2772384	0.64	cps
Thallium	205-1	6359714	6483254	6510119	6451029	1.24	cps

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	CCV02	Instrumnet Name :	P7
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 16:57:34	DataFile Name :	034CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	11216832	11101371	11528349	11282184	1.96	cps
Tin	118-1	2380986	2429115	2407038	2405713	1.00	cps
Titanium	47-1	2378718	2372425	2392981	2381375	0.44	cps
Uranium	238-1	9007683	9043144	9160021	9070283	0.88	cps
Vanadium	51-2	1297652	1289049	1279705	1288802	0.70	cps
Yttrium	89-1	9263481	9346817	9311295	9307197	0.45	cps
Yttrium	89-2	2220325	2227634	2232542	2226834	0.28	cps
Zinc	66-2	2455397	2457416	2449524	2454112	0.17	cps
Zirconium	90-1	5336984	5360666	5419947	5372532	0.80	cps
Zirconium	91-1	1192537	1196481	1195974	1194997	0.18	cps

LB Number : LB113411 Operator : JASWAL
 Lab Sample ID : CCB02 Instrumnet Name : P7
 Client Sample ID : CCB02 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-04 17:07:32 DataFile Name : 036CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	133	108	150	131	16.06	cps
Antimony	121-1	342	283	208	278	24.06	cps
Arsenic	75-2	19	11	7	12	45.82	cps
Barium	135-1	17	67	42	42	60.00	cps
Barium	137-1	33	42	42	39	12.38	cps
Beryllium	9-1	133	89	83	102	26.91	cps
Bismuth	209-1	4168015	4398007	4446586	4337536	3.43	cps
Bismuth	209-2	3265686	3233242	3263818	3254249	0.56	cps
Boron	10-1	1600	1558	1533	1564	2.15	cps
Boron	11-1	7869	7460	6860	7396	6.86	cps
Bromine	81-1	5843	6168	5493	5835	5.79	cps
Bromine	81-2	40	40	50	43	13.32	cps
Cadmium	111-1	1920	2212	2025	2052	7.21	cps
Cadmium	106-1	3801	4376	4076	4084	7.04	cps
Cadmium	108-1	25	13	25	21	34.64	cps
Calcium	43-1	175	250	217	214	17.57	cps
Calcium	44-1	11984	12714	12147	12281	3.12	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1050	1050	1087	1062	1.99	cps
Cobalt	59-2	73	67	77	72	7.05	cps
Copper	63-2	1247	1403	1290	1313	6.16	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Dysprosium	156-2	10	10	3	8	49.52	cps
Erbium	164-1	17	25	25	22	21.64	cps
Erbium	164-2	27	17	30	24	28.38	cps
Gadolinium	160-1	25	50	8	28	75.51	cps
Gadolinium	160-2	40	53	70	54	27.61	cps
Holmium	165-1	6761801	7120740	7252253	7044932	3.60	cps
Holmium	165-2	4672583	4618528	4662190	4651100	0.62	cps
Indium	115-1	5109126	5373204	5412684	5298338	3.12	cps
Indium	115-2	1767585	1741146	1772790	1760507	0.96	cps
Iron	56-2	7819	7669	7669	7719	1.12	cps
Iron	57-2	256	356	200	270	29.16	cps

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	CCB02	Instrumnet Name :	P7
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 17:07:32	DataFile Name :	036CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1371	1241	1221	1278	6.38	cps
Krypton	83-1	1000	1020	943	988	4.03	cps
Lead	206-1	2411	2556	2489	2485	2.91	cps
Lead	207-1	2400	2072	2178	2217	7.55	cps
Lead	208-1	10229	10035	9935	10066	1.49	cps
Lithium	6-1	1846953	1910656	1944871	1900827	2.61	cps
Magnesium	24-2	617	558	717	631	12.70	cps
Manganese	55-2	107	130	100	112	14.04	cps
Molybdenum	94-1	300	250	300	283	10.19	cps
Molybdenum	95-1	192	100	183	158	32.02	cps
Molybdenum	96-1	250	317	333	300	14.70	cps
Molybdenum	97-1	133	208	108	150	34.69	cps
Molybdenum	98-1	333	325	425	361	15.37	cps
Neodymium	150-1	0	13	20	11	91.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	160	120	87	122	30.04	cps
Phosphorus	31-2	1333	1283	1075	1231	11.14	cps
Potassium	39-2	91120	91153	92093	91455	0.60	cps
Rhodium	103-1	4907335	5157568	5282613	5115839	3.74	cps
Rhodium	103-2	3248342	3243571	3262213	3251375	0.30	cps
Scandium	45-1	3677872	3867997	3931316	3825729	3.45	cps
Scandium	45-2	310994	309495	314054	311514	0.75	cps
Selenium	82-1	6	-43	15	-8	-416.86	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	141	124	167	144	14.92	cps
Silicon	28-1	639727	642106	645341	642391	0.44	cps
Silver	107-1	117	175	175	156	21.65	cps
Silver	109-1	108	108	150	122	19.68	cps
Sodium	23-2	51656	51112	51146	51305	0.59	cps
Strontium	86-1	1592	1758	1675	1675	4.97	cps
Strontium	88-1	100	25	117	81	60.62	cps
Sulfur	34-1	580329	581812	581770	581303	0.15	cps
Terbium	159-1	6994275	7357102	7452428	7267935	3.33	cps
Terbium	159-2	4708708	4685044	4773403	4722385	0.97	cps
Thallium	203-1	817	675	792	761	9.94	cps
Thallium	205-1	1996	1871	1714	1860	7.59	cps

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	CCB02	Instrumnet Name :	P7
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 17:07:32	DataFile Name :	036CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	617	639	639	632	2.03	cps
Tin	118-1	775	792	600	722	14.70	cps
Titanium	47-1	125	83	75	94	28.36	cps
Uranium	238-1	-175	-200	-186	-187	-6.59	cps
Vanadium	51-2	3	7	0	3	100.05	cps
Yttrium	89-1	8817146	9227486	9444091	9162908	3.48	cps
Yttrium	89-2	2243844	2235732	2239483	2239686	0.18	cps
Zinc	66-2	307	300	257	288	9.43	cps
Zirconium	90-1	525	483	508	506	4.15	cps
Zirconium	91-1	142	67	158	122	39.95	cps

LB Number : LB113411 Operator : JASWAL
 Lab Sample ID : PB134944BL Instrumnet Name : P7
 Client Sample ID : PB134944BL Dilution Factor : 1
 Date & Time Acquired :: 2021-03-04 17:10:43 DataFile Name : 037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	142	150	117	136	12.74	cps
Antimony	121-1	158	175	125	153	16.67	cps
Arsenic	75-2	9	11	13	11	16.65	cps
Barium	135-1	25	25	25	25	0.00	cps
Barium	137-1	25	42	25	31	31.50	cps
Beryllium	9-1	83	100	156	113	33.48	cps
Bismuth	209-1	4145534	4455342	4543303	4381393	4.77	cps
Bismuth	209-2	3327838	3246671	3255371	3276627	1.36	cps
Boron	10-1	1275	1158	1275	1236	5.45	cps
Boron	11-1	5968	5518	5201	5562	6.93	cps
Bromine	81-1	5576	5560	5501	5546	0.71	cps
Bromine	81-2	60	20	40	40	50.00	cps
Cadmium	111-1	2077	2134	2055	2089	1.96	cps
Cadmium	106-1	4151	4267	4134	4184	1.74	cps
Cadmium	108-1	21	29	42	31	34.33	cps
Calcium	43-1	200	292	250	247	18.56	cps
Calcium	44-1	11988	13046	12090	12375	4.72	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1027	1077	1057	1053	2.39	cps
Cobalt	59-2	63	50	83	66	25.59	cps
Copper	63-2	1310	1257	1337	1301	3.13	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	7	3	10	7	50.03	cps
Erbium	164-1	17	8	42	22	78.07	cps
Erbium	164-2	7	33	23	21	63.80	cps
Gadolinium	160-1	83	67	75	75	11.11	cps
Gadolinium	160-2	63	40	53	52	22.41	cps
Holmium	165-1	6766299	7063623	7378266	7069396	4.33	cps
Holmium	165-2	4759198	4675403	4684403	4706335	0.98	cps
Indium	115-1	5071525	5433667	5523211	5342801	4.48	cps
Indium	115-2	1802030	1753147	1766902	1774026	1.42	cps
Iron	56-2	7241	7263	6713	7072	4.40	cps
Iron	57-2	317	233	244	265	17.09	cps

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	PB134944BL	Instrumnet Name :	P7
Client Sample ID :	PB134944BL	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 17:10:43	DataFile Name :	037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1412	1191	1161	1255	10.89	cps
Krypton	83-1	873	957	953	928	5.09	cps
Lead	206-1	2128	2311	1995	2145	7.41	cps
Lead	207-1	1800	1884	1828	1837	2.31	cps
Lead	208-1	8446	8607	8190	8414	2.50	cps
Lithium	6-1	1822782	1947654	1987335	1919257	4.47	cps
Magnesium	24-2	400	508	525	478	14.21	cps
Manganese	55-2	113	90	80	94	18.11	cps
Molybdenum	94-1	283	283	267	278	3.46	cps
Molybdenum	95-1	125	108	108	114	8.45	cps
Molybdenum	96-1	125	200	192	172	23.87	cps
Molybdenum	97-1	117	117	117	117	0.00	cps
Molybdenum	98-1	208	217	242	222	7.81	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	197	157	123	159	23.11	cps
Phosphorus	31-2	1275	1217	1042	1178	10.31	cps
Potassium	39-2	89761	88530	88856	89049	0.72	cps
Rhodium	103-1	4882875	5247533	5343580	5157996	4.71	cps
Rhodium	103-2	3326530	3239936	3279867	3282111	1.32	cps
Scandium	45-1	3663436	3958499	4013328	3878421	4.85	cps
Scandium	45-2	320445	312666	314118	315743	1.31	cps
Selenium	82-1	114	41	27	61	77.37	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	111	102	135	116	14.83	cps
Silicon	28-1	646779	643435	640924	643713	0.46	cps
Silver	107-1	92	158	133	128	26.36	cps
Silver	109-1	75	108	100	94	18.37	cps
Sodium	23-2	45369	46305	46439	46038	1.27	cps
Strontium	86-1	1392	1625	1467	1495	7.97	cps
Strontium	88-1	125	142	42	103	52.13	cps
Sulfur	34-1	591248	585521	585017	587262	0.59	cps
Terbium	159-1	6919752	7481938	7634717	7345469	5.13	cps
Terbium	159-2	4838232	4727626	4761028	4775629	1.19	cps
Thallium	203-1	508	742	625	625	18.67	cps
Thallium	205-1	1605	1298	1448	1450	10.60	cps

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	PB134944BL	Instrumnet Name :	P7
Client Sample ID :	PB134944BL	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 17:10:43	DataFile Name :	037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	317	467	461	415	20.50	cps
Tin	118-1	675	642	567	628	8.84	cps
Titanium	47-1	108	92	100	100	8.33	cps
Uranium	238-1	-122	-168	-150	-147	-15.70	cps
Vanadium	51-2	7	7	7	7	0.00	cps
Yttrium	89-1	8805811	9468739	9573757	9282769	4.49	cps
Yttrium	89-2	2306028	2258035	2280064	2281376	1.05	cps
Zinc	66-2	193	233	213	213	9.37	cps
Zirconium	90-1	392	425	558	458	19.24	cps
Zirconium	91-1	83	50	75	69	24.98	cps

LB Number : LB113411 Operator : JASWAL
 Lab Sample ID : PB134942BL Instrumnet Name : P7
 Client Sample ID : PB134942BL Dilution Factor : 1
 Date & Time Acquired :: 2021-03-04 17:13:48 DataFile Name : 038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125	175	117	139	22.71	cps
Antimony	121-1	158	83	225	156	45.56	cps
Arsenic	75-2	7	13	15	12	32.84	cps
Barium	135-1	25	42	17	28	45.82	cps
Barium	137-1	25	25	42	31	31.50	cps
Beryllium	9-1	72	133	156	120	35.85	cps
Bismuth	209-1	4579601	4499292	4598679	4559191	1.16	cps
Bismuth	209-2	2894922	2774553	3298718	2989398	9.18	cps
Boron	10-1	942	958	992	964	2.64	cps
Boron	11-1	4442	4476	4051	4323	5.47	cps
Bromine	81-1	5893	5960	5735	5862	1.97	cps
Bromine	81-2	40	40	60	47	24.74	cps
Cadmium	111-1	2243	2124	2235	2201	3.03	cps
Cadmium	106-1	4459	4217	4476	4384	3.30	cps
Cadmium	108-1	17	8	33	19	65.47	cps
Calcium	43-1	233	292	167	231	27.13	cps
Calcium	44-1	12115	12184	12673	12324	2.47	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1150	1087	1120	1119	2.83	cps
Cobalt	59-2	80	73	43	66	29.80	cps
Copper	63-2	1150	1293	1370	1271	8.79	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	25	33	42	33	25.01	cps
Erbium	164-2	23	17	20	20	16.65	cps
Gadolinium	160-1	67	92	50	69	30.20	cps
Gadolinium	160-2	87	43	73	68	32.75	cps
Holmium	165-1	7396334	7293421	7467932	7385896	1.19	cps
Holmium	165-2	4168963	3958328	4698519	4275270	8.92	cps
Indium	115-1	5612642	5540233	5609069	5587315	0.73	cps
Indium	115-2	1581687	1504537	1789223	1625149	9.06	cps
Iron	56-2	6874	6757	6257	6629	4.94	cps
Iron	57-2	217	261	228	235	9.84	cps

LB Number : LB113411 Operator : JASWAL
 Lab Sample ID : PB134942BL Instrumnet Name : P7
 Client Sample ID : PB134942BL Dilution Factor : 1
 Date & Time Acquired :: 2021-03-04 17:13:48 DataFile Name : 038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1271	1261	1291	1275	1.20	cps
Krypton	83-1	1030	1043	987	1020	2.90	cps
Lead	206-1	1984	1795	1856	1878	5.13	cps
Lead	207-1	1745	1672	1650	1689	2.92	cps
Lead	208-1	7612	7562	7323	7499	2.06	cps
Lithium	6-1	1953024	1947644	1956827	1952499	0.24	cps
Magnesium	24-2	500	492	367	453	16.50	cps
Manganese	55-2	83	100	83	89	10.83	cps
Molybdenum	94-1	242	350	258	283	20.59	cps
Molybdenum	95-1	125	150	100	125	20.00	cps
Molybdenum	96-1	108	208	150	156	32.29	cps
Molybdenum	97-1	117	92	75	94	22.21	cps
Molybdenum	98-1	208	200	192	200	4.17	cps
Neodymium	150-1	7	20	7	11	69.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	120	107	120	116	6.66	cps
Phosphorus	31-2	1133	1225	1183	1181	3.89	cps
Potassium	39-2	87004	85847	86450	86434	0.67	cps
Rhodium	103-1	5427424	5353374	5401827	5394209	0.70	cps
Rhodium	103-2	2936760	2770057	3294744	3000520	8.93	cps
Scandium	45-1	4065954	4018304	4100746	4061668	1.02	cps
Scandium	45-2	287535	263363	313941	288280	8.78	cps
Selenium	82-1	16	-38	20	-1	-3007.40	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	126	115	163	135	18.73	cps
Silicon	28-1	625340	630217	626204	627254	0.41	cps
Silver	107-1	108	100	117	108	7.69	cps
Silver	109-1	167	92	42	100	62.91	cps
Sodium	23-2	42184	42544	42051	42260	0.60	cps
Strontium	86-1	1375	1867	1500	1581	16.17	cps
Strontium	88-1	108	150	75	111	33.82	cps
Sulfur	34-1	586341	590356	594496	590398	0.69	cps
Terbium	159-1	7720982	7491806	7789122	7667304	2.03	cps
Terbium	159-2	4190248	3985030	4746631	4307303	9.15	cps
Thallium	203-1	467	608	608	561	14.58	cps
Thallium	205-1	1420	1076	1104	1200	15.92	cps

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	PB134942BL	Instrumnet Name :	P7
Client Sample ID :	PB134942BL	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 17:13:48	DataFile Name :	038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	539	572	528	546	4.23	cps
Tin	118-1	517	767	575	619	21.12	cps
Titanium	47-1	117	92	108	106	12.06	cps
Uranium	238-1	-147	-130	-136	-138	-6.11	cps
Vanadium	51-2	0	10	7	6	91.64	cps
Yttrium	89-1	9723491	9513211	9691099	9642600	1.17	cps
Yttrium	89-2	2034161	1912266	2280773	2075733	9.04	cps
Zinc	66-2	233	247	240	240	2.78	cps
Zirconium	90-1	350	617	475	481	27.76	cps
Zirconium	91-1	75	75	92	81	11.95	cps

LB Number : LB113411 Operator : JASWAL
 Lab Sample ID : PB134942BS Instrumnet Name : P7
 Client Sample ID : PB134942BS Dilution Factor : 1
 Date & Time Acquired :: 2021-03-04 17:16:57 DataFile Name : 039DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1289080	1296206	1276441	1287242	0.78	cps
Antimony	121-1	3208351	3214212	3209719	3210761	0.10	cps
Arsenic	75-2	177009	174312	173409	174910	1.07	cps
Barium	135-1	3687744	3690235	3676460	3684813	0.20	cps
Barium	137-1	6634247	6557480	6573920	6588549	0.61	cps
Beryllium	9-1	776936	780721	778144	778600	0.25	cps
Bismuth	209-1	4440444	4448603	4438594	4442547	0.12	cps
Bismuth	209-2	3300373	3222215	3241059	3254549	1.25	cps
Boron	10-1	81125	85105	86202	84144	3.18	cps
Boron	11-1	386931	406323	414272	402509	3.49	cps
Bromine	81-1	5968	5485	5551	5668	4.62	cps
Bromine	81-2	50	90	90	77	30.12	cps
Cadmium	111-1	785283	778960	778584	780942	0.48	cps
Cadmium	106-1	95318	95730	94388	95145	0.72	cps
Cadmium	108-1	62863	62465	62771	62700	0.33	cps
Calcium	43-1	1044244	1046037	1040385	1043555	0.28	cps
Calcium	44-1	15812885	15571078	15626159	15670041	0.81	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1500429	1479402	1483215	1487682	0.75	cps
Cobalt	59-2	2229184	2208607	2191750	2209847	0.85	cps
Copper	63-2	14983995	14781110	14577946	14781017	1.37	cps
Dysprosium	156-1	300	267	217	261	16.06	cps
Dysprosium	156-2	187	160	210	186	13.48	cps
Erbium	164-1	108	58	100	89	30.14	cps
Erbium	164-2	90	67	43	67	35.00	cps
Gadolinium	160-1	258	333	208	267	23.59	cps
Gadolinium	160-2	210	223	157	197	17.94	cps
Holmium	165-1	7432634	7485725	7418095	7445485	0.48	cps
Holmium	165-2	4808784	4788239	4733675	4776900	0.81	cps
Indium	115-1	5483606	5406424	5434434	5441488	0.72	cps
Indium	115-2	1753007	1733545	1736410	1740988	0.60	cps
Iron	56-2	64567308	64319286	62831856	63906150	1.47	cps
Iron	57-2	1614385	1608523	1583113	1602007	1.04	cps

LB Number : LB113411 Operator : JASWAL
 Lab Sample ID : PB134942BS Instrumnet Name : P7
 Client Sample ID : PB134942BS Dilution Factor : 1
 Date & Time Acquired :: 2021-03-04 17:16:57 DataFile Name : 039DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	3686044	3668339	3646539	3666974	0.54	cps
Krypton	83-1	1097	1020	930	1016	8.21	cps
Lead	206-1	12684561	12485461	12444675	12538232	1.02	cps
Lead	207-1	11582366	11433923	11347542	11454610	1.04	cps
Lead	208-1	51576679	51089327	51056920	51240975	0.57	cps
Lithium	6-1	1955291	1926745	1944163	1942066	0.74	cps
Magnesium	24-2	13272680	13200475	13005200	13159452	1.05	cps
Manganese	55-2	9891830	9751856	9617175	9753621	1.41	cps
Molybdenum	94-1	6628373	6605944	6630030	6621449	0.20	cps
Molybdenum	95-1	8306216	8238497	8274267	8272994	0.41	cps
Molybdenum	96-1	9077231	9031828	8996641	9035233	0.45	cps
Molybdenum	97-1	5136860	5140850	5138596	5138769	0.04	cps
Molybdenum	98-1	13099346	13073499	12980791	13051212	0.48	cps
Neodymium	150-1	327	367	287	327	12.25	cps
Neodymium	150-2	57	67	80	68	17.27	cps
Nickel	60-2	567306	565550	556315	563057	1.05	cps
Phosphorus	31-2	75641	74870	74059	74857	1.06	cps
Potassium	39-2	7075018	7022939	6871864	6989940	1.51	cps
Rhodium	103-1	5278259	5182443	5167427	5209376	1.15	cps
Rhodium	103-2	3234332	3197106	3199233	3210224	0.65	cps
Scandium	45-1	4067724	4017684	3971816	4019075	1.19	cps
Scandium	45-2	313030	313207	312964	313067	0.04	cps
Selenium	82-1	51526	51835	51336	51566	0.49	cps
Selenium	77-2	4381	4441	4404	4408	0.69	cps
Selenium	78-2	15080	14776	14659	14838	1.46	cps
Silicon	28-1	3599519	3825317	3892801	3772546	4.07	cps
Silver	107-1	3866590	3861041	3823845	3850492	0.60	cps
Silver	109-1	3636359	3662956	3603554	3634290	0.82	cps
Sodium	23-2	22128886	21760429	21879896	21923070	0.86	cps
Strontium	86-1	955637	945644	949894	950392	0.53	cps
Strontium	88-1	8312160	8370793	8349563	8344172	0.36	cps
Sulfur	34-1	914588	906316	891608	904171	1.29	cps
Terbium	159-1	7632270	7608620	7671092	7637327	0.41	cps
Terbium	159-2	4831782	4814134	4801188	4815702	0.32	cps
Thallium	203-1	2814353	2822160	2839631	2825381	0.46	cps
Thallium	205-1	7042319	7056263	7022411	7040331	0.24	cps

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	PB134942BS	Instrumnet Name :	P7
Client Sample ID :	PB134942BS	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 17:16:57	DataFile Name :	039DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	11027633	11185816	11282162	11165203	1.15	cps
Tin	118-1	2425290	2440481	2426242	2430671	0.35	cps
Titanium	47-1	2382029	2381521	2359645	2374398	0.54	cps
Uranium	238-1	8867474	8887967	9059214	8938218	1.18	cps
Vanadium	51-2	1288857	1276310	1267166	1277444	0.85	cps
Yttrium	89-1	9789416	9699983	9598357	9695919	0.99	cps
Yttrium	89-2	2297730	2257041	2258881	2271217	1.01	cps
Zinc	66-2	2537897	2511835	2486197	2511976	1.03	cps
Zirconium	90-1	5363827	5366632	5343329	5357929	0.24	cps
Zirconium	91-1	1198300	1194058	1187745	1193368	0.45	cps

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	CCV03	Instrumnet Name :	P7
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 17:19:54	DataFile Name :	040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5895896	5986585	5977223	5953235	0.84	cps
Antimony	121-1	3225754	3217038	3254872	3232554	0.61	cps
Arsenic	75-2	179113	179003	178429	178849	0.21	cps
Barium	135-1	3728013	3739269	3743351	3736878	0.21	cps
Barium	137-1	6659750	6722385	6651097	6677744	0.58	cps
Beryllium	9-1	784731	783334	792239	786768	0.61	cps
Bismuth	209-1	4197962	4212277	4235817	4215352	0.45	cps
Bismuth	209-2	3099132	3076662	3079897	3085230	0.39	cps
Boron	10-1	87904	90494	92666	90355	2.64	cps
Boron	11-1	414973	428121	435849	426314	2.48	cps
Bromine	81-1	5543	5393	5751	5562	3.24	cps
Bromine	81-2	60	90	70	73	20.83	cps
Cadmium	111-1	770543	772844	775608	772998	0.33	cps
Cadmium	106-1	93188	92652	93063	92968	0.30	cps
Cadmium	108-1	61666	60403	62143	61404	1.46	cps
Calcium	43-1	4841986	4816650	4844426	4834354	0.32	cps
Calcium	44-1	71897093	71633447	72394334	71974958	0.54	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1523702	1527279	1517336	1522772	0.33	cps
Cobalt	59-2	2231942	2211114	2214710	2219256	0.50	cps
Copper	63-2	14641701	14692230	14595684	14643205	0.33	cps
Dysprosium	156-1	1025	717	1083	942	20.92	cps
Dysprosium	156-2	603	667	660	643	5.41	cps
Erbium	164-1	183	183	192	186	2.58	cps
Erbium	164-2	90	103	73	89	16.92	cps
Gadolinium	160-1	942	942	1008	964	3.99	cps
Gadolinium	160-2	680	717	703	700	2.65	cps
Holmium	165-1	7168350	7220787	7365655	7251597	1.41	cps
Holmium	165-2	4705027	4727046	4711514	4714529	0.24	cps
Indium	115-1	5153178	5177671	5191282	5174044	0.37	cps
Indium	115-2	1682096	1693957	1684724	1686926	0.37	cps
Iron	56-2	299341896	301314073	296864129	299173366	0.75	cps
Iron	57-2	7434500	7366863	7436282	7412548	0.53	cps

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	CCV03	Instrumnet Name :	P7
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 17:19:54	DataFile Name :	040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	16614057	16569804	16432827	16538896	0.57	cps
Krypton	83-1	967	1023	1013	1001	3.02	cps
Lead	206-1	12664052	12616577	12895624	12725417	1.17	cps
Lead	207-1	11492669	11432736	11488429	11471278	0.29	cps
Lead	208-1	51286511	51167013	51668885	51374136	0.51	cps
Lithium	6-1	1850523	1868401	1884524	1867816	0.91	cps
Magnesium	24-2	63144137	63900489	63153328	63399318	0.68	cps
Manganese	55-2	9962777	9990744	9939561	9964361	0.26	cps
Molybdenum	94-1	6640920	6726087	6773311	6713439	1.00	cps
Molybdenum	95-1	8420356	8335363	8432796	8396172	0.63	cps
Molybdenum	96-1	9088820	9218935	9382072	9229942	1.59	cps
Molybdenum	97-1	5218511	5238217	5308221	5254983	0.90	cps
Molybdenum	98-1	13331520	13253395	13471472	13352129	0.83	cps
Neodymium	150-1	440	340	407	396	12.87	cps
Neodymium	150-2	60	67	50	59	14.25	cps
Nickel	60-2	561083	565393	562528	563001	0.39	cps
Phosphorus	31-2	76973	76713	77894	77193	0.80	cps
Potassium	39-2	33239465	33362049	33253488	33285001	0.20	cps
Rhodium	103-1	4843562	4907117	4934058	4894912	0.95	cps
Rhodium	103-2	3056035	3055037	3041982	3051018	0.26	cps
Scandium	45-1	3841056	3845290	3880718	3855688	0.56	cps
Scandium	45-2	310350	309501	310354	310068	0.16	cps
Selenium	82-1	50631	50591	51009	50744	0.45	cps
Selenium	77-2	4434	4437	4421	4431	0.20	cps
Selenium	78-2	15414	15312	14982	15236	1.48	cps
Silicon	28-1	3213911	3294184	3346609	3284902	2.03	cps
Silver	107-1	3745412	3728958	3769876	3748082	0.55	cps
Silver	109-1	3545772	3548426	3584421	3559540	0.61	cps
Sodium	23-2	104326867	104185702	103640554	104051041	0.35	cps
Strontium	86-1	968611	967616	972116	969448	0.24	cps
Strontium	88-1	8439782	8425246	8453215	8439415	0.17	cps
Sulfur	34-1	868455	862310	863622	864796	0.37	cps
Terbium	159-1	7431487	7407311	7588922	7475907	1.32	cps
Terbium	159-2	4773946	4770074	4737786	4760602	0.42	cps
Thallium	203-1	2813443	2788257	2834220	2811973	0.82	cps
Thallium	205-1	7047387	7095020	7243093	7128500	1.43	cps

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	CCV03	Instrumnet Name :	P7
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 17:19:54	DataFile Name :	040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	11477171	11596042	11588205	11553806	0.58	cps
Tin	118-1	2462033	2435768	2470235	2456012	0.73	cps
Titanium	47-1	2408101	2405884	2402065	2405350	0.13	cps
Uranium	238-1	9363106	9387826	9374725	9375219	0.13	cps
Vanadium	51-2	1323851	1322920	1310303	1319025	0.57	cps
Yttrium	89-1	9224209	9408357	9408699	9347088	1.14	cps
Yttrium	89-2	2233525	2235742	2248246	2239171	0.35	cps
Zinc	66-2	2494674	2506977	2473533	2491728	0.68	cps
Zirconium	90-1	5426750	5445908	5449662	5440773	0.23	cps
Zirconium	91-1	1206559	1211509	1217227	1211765	0.44	cps

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	CCB03	Instrumnet Name :	P7
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 17:34:29	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	383	325	292	333	13.92	cps
Antimony	121-1	342	433	425	400	12.67	cps
Arsenic	75-2	15	7	9	10	36.70	cps
Barium	135-1	117	92	92	100	14.43	cps
Barium	137-1	167	200	208	192	11.50	cps
Beryllium	9-1	94	128	139	120	19.21	cps
Bismuth	209-1	4475793	4510933	4358449	4448392	1.80	cps
Bismuth	209-2	3301096	3237891	3306109	3281699	1.16	cps
Boron	10-1	808	742	800	783	4.64	cps
Boron	11-1	3859	3901	3909	3889	0.69	cps
Bromine	81-1	5776	5843	5643	5754	1.77	cps
Bromine	81-2	30	30	20	27	21.65	cps
Cadmium	111-1	1995	2075	1895	1988	4.55	cps
Cadmium	106-1	3984	4134	3776	3965	4.54	cps
Cadmium	108-1	38	42	38	39	6.19	cps
Calcium	43-1	358	217	350	308	25.78	cps
Calcium	44-1	13572	14153	13918	13881	2.10	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1083	1103	1110	1099	1.26	cps
Cobalt	59-2	140	117	100	119	16.90	cps
Copper	63-2	1453	1557	1557	1522	3.92	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	3	13	10	9	57.30	cps
Erbium	164-1	33	25	33	31	15.74	cps
Erbium	164-2	20	7	37	21	71.19	cps
Gadolinium	160-1	50	83	33	56	45.83	cps
Gadolinium	160-2	47	60	63	57	15.56	cps
Holmium	165-1	7176243	7500998	7176491	7284577	2.57	cps
Holmium	165-2	4752903	4660770	4760001	4724558	1.17	cps
Indium	115-1	5513614	5630193	5366764	5503524	2.40	cps
Indium	115-2	1804533	1778345	1814440	1799106	1.04	cps
Iron	56-2	11849	11983	11766	11866	0.92	cps
Iron	57-2	394	411	361	389	6.55	cps

LB Number : LB113411 Operator : JASWAL
 Lab Sample ID : CCB03 Instrumnet Name : P7
 Client Sample ID : CCB03 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-04 17:34:29 DataFile Name : 041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1562	1562	1381	1502	6.93	cps
Krypton	83-1	980	983	970	978	0.71	cps
Lead	206-1	2161	2111	2184	2152	1.72	cps
Lead	207-1	1889	1922	1678	1830	7.25	cps
Lead	208-1	8457	8429	8251	8379	1.33	cps
Lithium	6-1	1896566	1906704	1826353	1876541	2.33	cps
Magnesium	24-2	1550	1633	1650	1611	3.33	cps
Manganese	55-2	380	343	323	349	8.24	cps
Molybdenum	94-1	475	433	342	417	16.37	cps
Molybdenum	95-1	342	392	292	342	14.63	cps
Molybdenum	96-1	417	392	450	419	6.98	cps
Molybdenum	97-1	225	192	208	208	8.00	cps
Molybdenum	98-1	650	642	700	664	4.75	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	150	153	120	141	13.01	cps
Phosphorus	31-2	1292	1217	1125	1211	6.89	cps
Potassium	39-2	87691	87925	86651	87423	0.78	cps
Rhodium	103-1	5341803	5439632	5246763	5342732	1.81	cps
Rhodium	103-2	3320542	3281960	3350340	3317614	1.03	cps
Scandium	45-1	4049102	4119389	3962543	4043678	1.94	cps
Scandium	45-2	318815	315433	321712	318653	0.99	cps
Selenium	82-1	50	-29	36	19	222.18	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	163	172	131	156	13.73	cps
Silicon	28-1	596530	596281	594306	595706	0.20	cps
Silver	107-1	167	242	208	206	18.28	cps
Silver	109-1	133	100	167	133	25.00	cps
Sodium	23-2	45436	43831	43990	44419	1.99	cps
Strontium	86-1	1600	1700	1508	1603	5.98	cps
Strontium	88-1	400	350	317	356	11.80	cps
Sulfur	34-1	565656	563860	566726	565414	0.26	cps
Terbium	159-1	7460267	7696892	7367315	7508158	2.26	cps
Terbium	159-2	4835959	4749821	4838214	4807998	1.05	cps
Thallium	203-1	550	567	492	536	7.35	cps
Thallium	205-1	1281	1423	1306	1337	5.66	cps

LB Number :	LB113411	Operator :	JASWAL
Lab Sample ID :	CCB03	Instrumnet Name :	P7
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2021-03-04 17:34:29	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	628	567	528	574	8.78	cps
Tin	118-1	683	700	783	722	7.42	cps
Titanium	47-1	267	167	142	192	34.51	cps
Uranium	238-1	57	-1	8	21	146.39	cps
Vanadium	51-2	33	27	20	27	24.99	cps
Yttrium	89-1	9579397	9819412	9379079	9592629	2.30	cps
Yttrium	89-2	2304342	2293492	2330740	2309524	0.83	cps
Zinc	66-2	330	270	240	280	16.37	cps
Zirconium	90-1	758	700	825	761	8.22	cps
Zirconium	91-1	150	150	192	164	14.68	cps