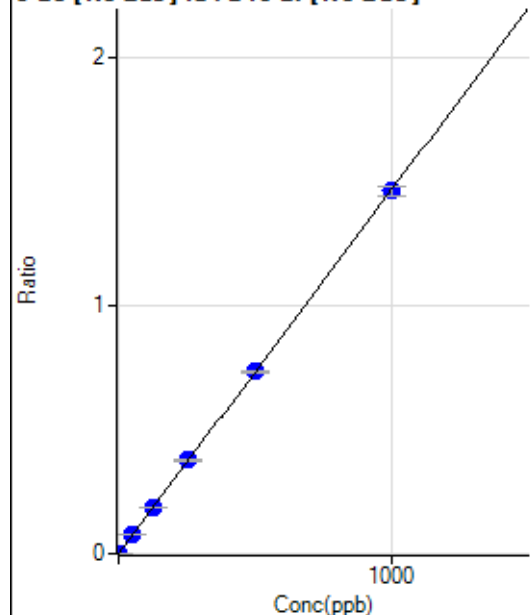


Batch Folder: C:\Agilent\ICPMH\1\DATA\P7101921 MS.b\
Analysis File: P7101921 MS.batch.bin
DA Date-Time: 2021-10-19 16:16:40
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2021-10-19 11:57:52
2	004CAL.S.d	S01	2021-10-19 12:01:02
3	005CAL.S.d	S02	2021-10-19 12:04:10
4	007CAL.S.d	S03	2021-10-19 12:12:44
5	008CAL.S.d	S04	2021-10-19 12:15:53
6	009CAL.S.d	S05	2021-10-19 12:18:59
7	010CAL.S.d	S06	2021-10-19 12:22:15
8	011CAL.S.d	S07	2021-10-19 12:25:15
9	012CAL.S.d	S08	2021-10-19 12:28:13

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	102.22	0.0001	P	6.0
2	☐	0.100	0.115	221.12	0.0003	P	6.5
3	☐	1.000	0.965	1097.83	0.0016	P	7.7
4	☐	50.000	50.447	52161.50	0.0740	P	1.2
5	☐	125.000	126.191	130127.43	0.1849	P	1.1
6	☐	250.000	256.986	255099.43	0.3764	P	1.1
7	☐	500.000	501.050	497133.31	0.7337	P	0.9
8	☐	1000.000	997.557	974539.60	1.4606	P	2.5
9	☐			824.47	0.0010	P	15.0

$$y = 0.0015 * x + 1.4566E-004$$

$$R = 1.0000$$

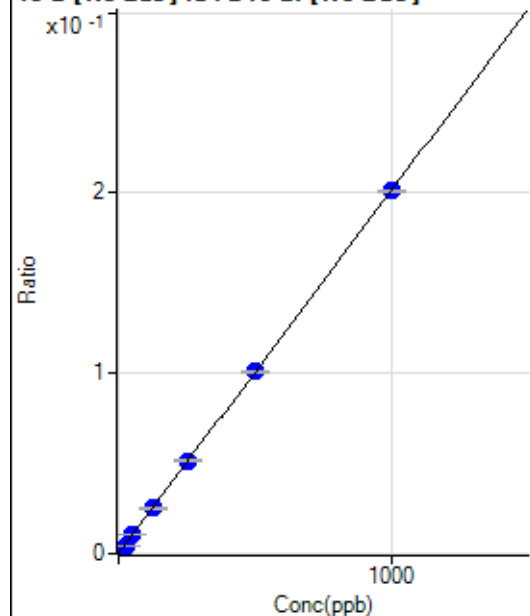
$$DL = 0.01796$$

$$BEC = 0.09949$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	133.34	0.0002	P	33.7
2	☐	2.500	2.509	488.91	0.0007	P	17.1
3	☐	25.000	22.025	3256.00	0.0046	P	1.9
4	☐	50.000	50.240	7260.26	0.0103	P	2.7
5	☐	125.000	124.418	17752.43	0.0252	P	3.8
6	☐	250.000	254.051	34776.57	0.0513	P	2.5
7	☐	500.000	501.373	68488.22	0.1011	P	1.4
8	☐	1000.000	998.436	134210.22	0.2011	P	0.8
9	☐			1608.46	0.0020	P	13.3

$$y = 2.0123E-004 * x + 1.8954E-004$$

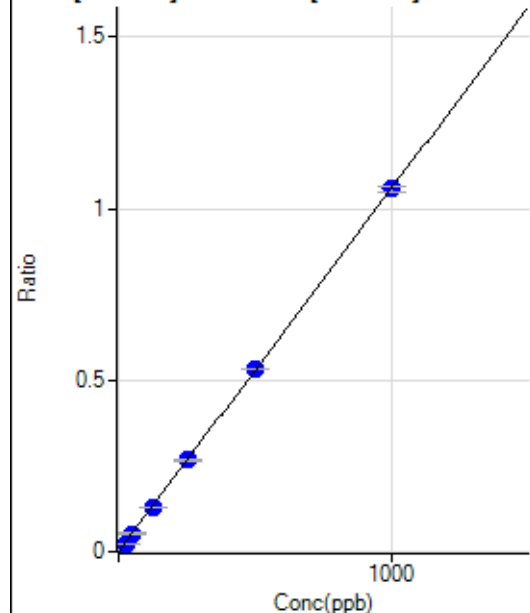
$$R = 1.0000$$

$$DL = 0.9511$$

$$BEC = 0.9419$$

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	538.91	0.0008	P	6.4
2	☐	2.500	2.110	2114.09	0.0030	P	7.5
3	☐	25.000	22.740	17493.78	0.0248	P	1.4
4	☐	50.000	49.340	37341.10	0.0530	P	1.8
5	☐	125.000	122.875	92054.22	0.1308	P	0.6
6	☐	250.000	251.435	180856.72	0.2668	P	1.3
7	☐	500.000	501.958	360433.06	0.5319	P	0.3
8	☐	1000.000	999.018	705974.65	1.0579	P	1.4
9	☐			8510.96	0.0106	P	6.5

$$y = 0.0011 * x + 7.6812E-004$$

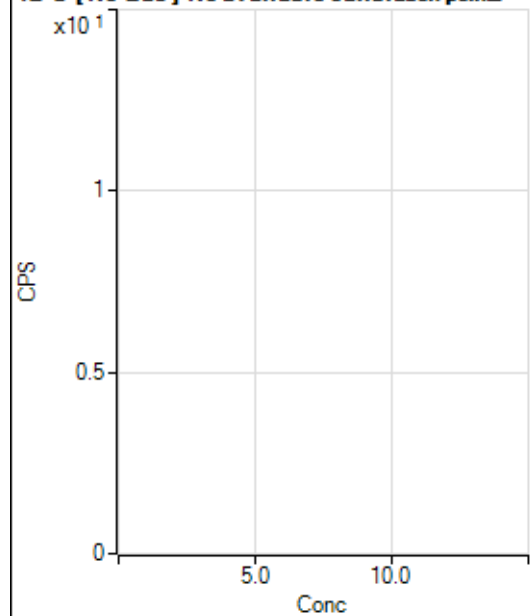
$$R = 1.0000$$

$$DL = 0.1384$$

$$BEC = 0.7259$$

Weight: <None>

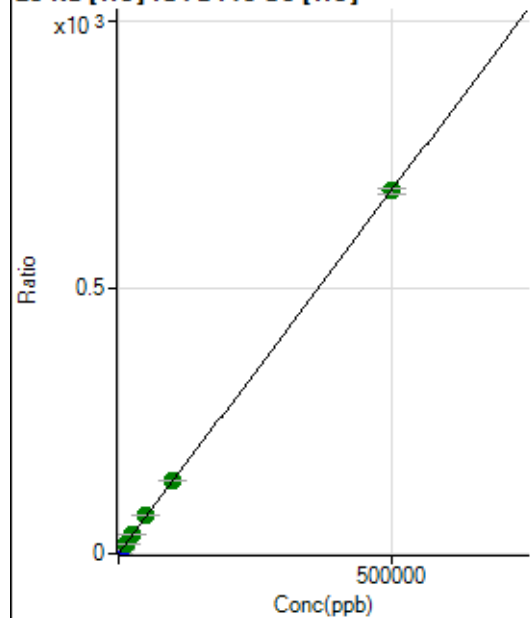
Min Conc: 0

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	☐						
9	☐						

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						
9	☐						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	100175.29	0.2099	P	0.4
2	☐	50.000	38.971	128222.07	0.2631	P	0.2
3	☐	500.000	511.704	428657.97	0.9077	P	1.4
4	☐	5000.000	5251.950	3452431.90	7.3718	P	0.6
5	☐	12500.000	13244.031	8441899.61	18.2703	A	2.1
6	☐	25000.000	26120.358	16338715.41	35.8292	A	1.7
7	☐	50000.000	51747.911	32339637.07	70.7765	A	0.8
8	☐	100000.00	101227.13	63051100.95	138.2494	A	0.9
9	☐	500000.00	499502.63	325455722.0	681.3623	A	1.6

$$y = 0.0014 * x + 0.2099$$

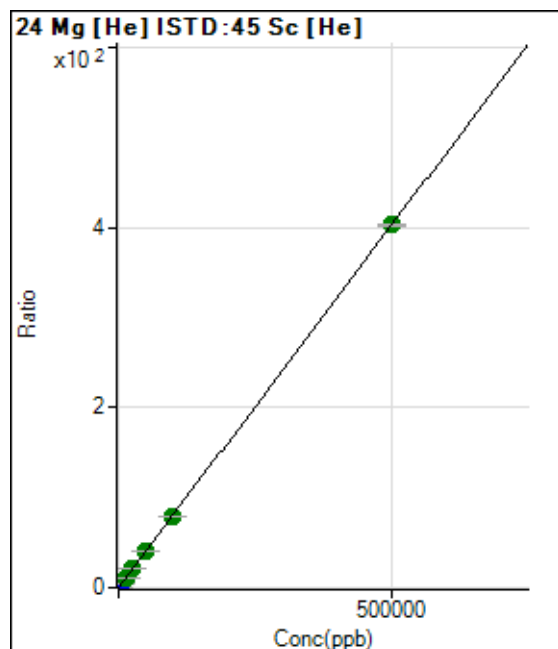
$$R = 1.0000$$

$$DL = 1.979$$

$$BEC = 153.9$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1790.88	0.0038	P	4.2
2	☐	50.000	45.094	19505.49	0.0400	P	1.0
3	☐	500.000	488.051	187123.06	0.3963	P	1.5
4	☐	5000.000	5126.337	1932560.24	4.1265	P	0.7
5	☐	12500.000	12982.785	4826183.15	10.4448	A	1.4
6	☐	25000.000	25350.248	9299024.17	20.3910	A	0.6
7	☐	50000.000	49579.837	18220627.72	39.8770	A	1.1
8	☐	100000.00	97391.354	35722236.45	78.3281	A	1.1
9	☐	500000.00	500532.91	192286654.3	402.5435	A	0.7

$$y = 8.0422\text{E-}004 * x + 0.0038$$

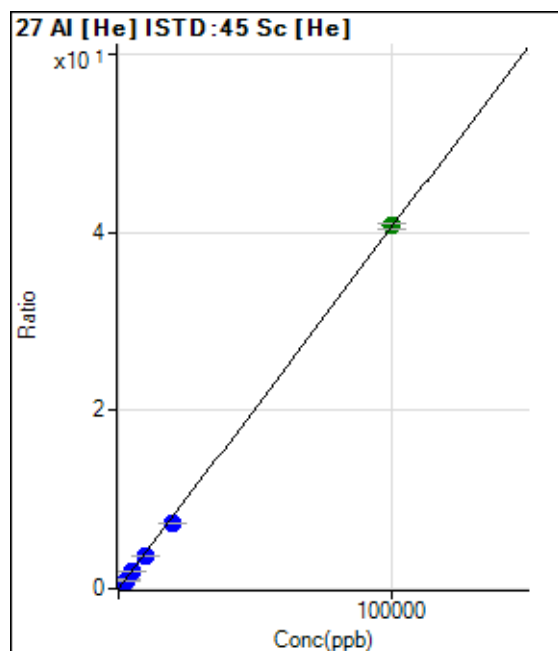
$$R = 1.0000$$

$$DL = 0.5821$$

$$BEC = 4.666$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1003.76	0.0021	P	8.7
2	☒	2.000					
3	☐	20.000	21.344	5084.28	0.0108	P	2.9
4	☐	1000.000	987.440	188635.02	0.4028	P	1.3
5	☐	2500.000	2387.384	448586.22	0.9708	P	1.2
6	☐	5000.000	4704.053	871452.85	1.9109	P	0.4
7	☐	10000.000	9207.334	1708045.42	3.7382	P	1.2
8	☐	20000.000	18206.910	3370369.15	7.3900	P	0.7
9	☐	100000.00	100455.62	19470507.61	40.7642	A	1.7

$$y = 4.0577\text{E-}004 * x + 0.0021$$

$$R = 0.9998$$

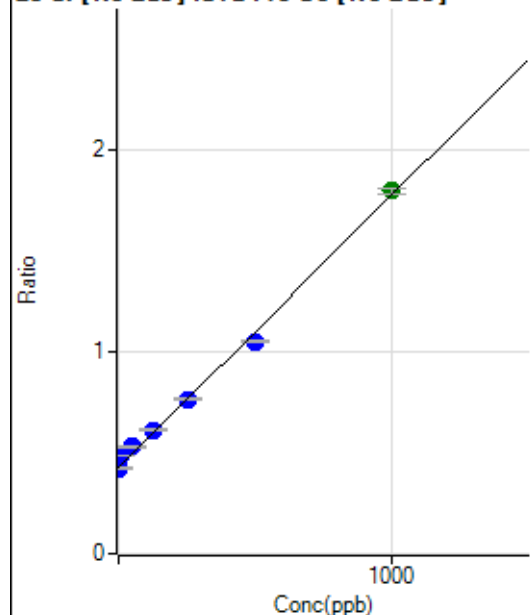
$$DL = 1.348$$

$$BEC = 5.184$$

Weight: <None>

Min Conc: 0

28 Si [No Gas] ISTD : 45 Sc [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1474904.01	0.4301	P	1.0
2	☐	1.000	-5.702	1457707.04	0.4224	P	1.7
3	☐	10.000	41.208	1633464.44	0.4857	P	0.9
4	☐	50.000	76.083	1811339.00	0.5327	P	2.1
5	☐	125.000	136.601	2101451.48	0.6144	P	0.8
6	☐	250.000	249.560	2578029.42	0.7668	P	0.8
7	☐	500.000	462.302	3555448.00	1.0538	P	1.4
8	☐	1000.000	1015.899	5934442.28	1.8007	A	1.9
9	☐			1712824.04	0.4726	P	1.0

$$y = 0.0013 * x + 0.4301$$

$$R = 0.9981$$

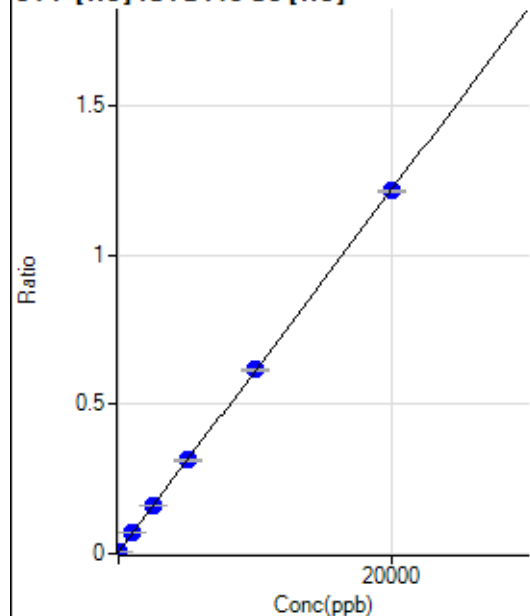
$$DL = 9.805$$

$$BEC = 318.8$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.283	3256.00	0.0068	P	1.4
2	☐	0.000	-4.491	3183.77	0.0065	P	3.0
3	☐	0.000	4.208	3333.81	0.0071	P	3.7
4	☐	1000.000	1023.442	32218.53	0.0688	P	1.3
5	☐	2500.000	2565.649	74946.24	0.1622	P	1.4
6	☐	5000.000	5043.898	142423.27	0.3123	P	0.7
7	☐	10000.000	10076.804	281978.23	0.6171	P	1.3
8	☐	20000.000	19941.245	553942.35	1.2146	P	0.6
9	☐			3519.95	0.0074	P	1.0

$$y = 6.0567E-005 * x + 0.0068$$

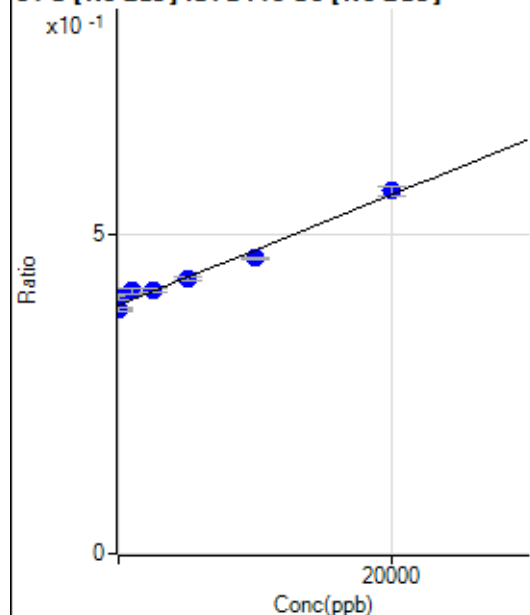
$$R = 1.0000$$

$$DL = 9.165$$

$$BEC = 112.4$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-670.929	1312978.50	0.3829	P	1.1
2	☐	0.000	-781.130	1318041.39	0.3819	P	1.6
3	☐	0.000	1452.059	1349371.78	0.4012	P	1.4
4	☐	1000.000	2620.355	1398550.48	0.4113	P	2.5
5	☐	2500.000	2832.090	1413197.69	0.4132	P	1.6
6	☐	5000.000	4799.982	1446268.34	0.4302	P	1.9
7	☐	10000.000	8535.526	1560498.48	0.4625	P	0.9
8	☐	20000.000	20659.713	1869824.63	0.5674	P	2.9
9	☐			1256100.19	0.3466	P	1.2

$$y = 8.6528\text{E-}006 * x + 0.3887$$

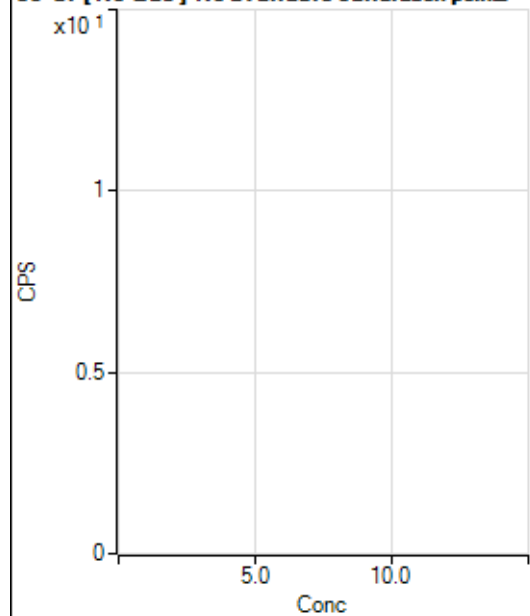
$$R = 0.9879$$

$$DL = 1871$$

$$BEC = 4.492\text{E}+04$$

Weight: <None>

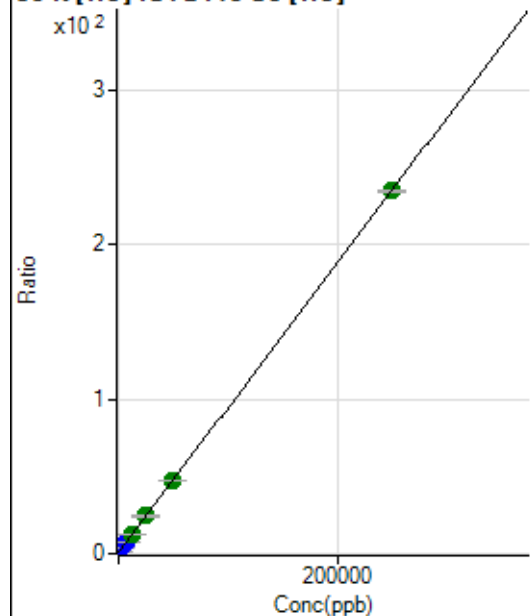
Min Conc: 0

35 Cl [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						
9	☐						

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						
9	☐						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	336053.91	0.7042	P	0.5
2	☐	50.000	37.604	360362.48	0.7394	P	1.1
3	☐	500.000	524.896	564573.79	1.1954	P	0.3
4	☐	2500.000	2752.280	1536141.52	3.2800	P	0.5
5	☐	6250.000	6748.339	3243786.31	7.0199	P	0.4
6	☐	12500.000	12808.157	5787858.38	12.6912	A	0.5
7	☐	25000.000	25244.905	11117275.68	24.3307	A	0.9
8	☐	50000.000	49803.898	21579993.19	47.3152	A	0.3
9	☐	250000.00	249984.29	112092456.6	234.6621	A	0.7

$$y = 9.3589\text{E-}004 * x + 0.7042$$

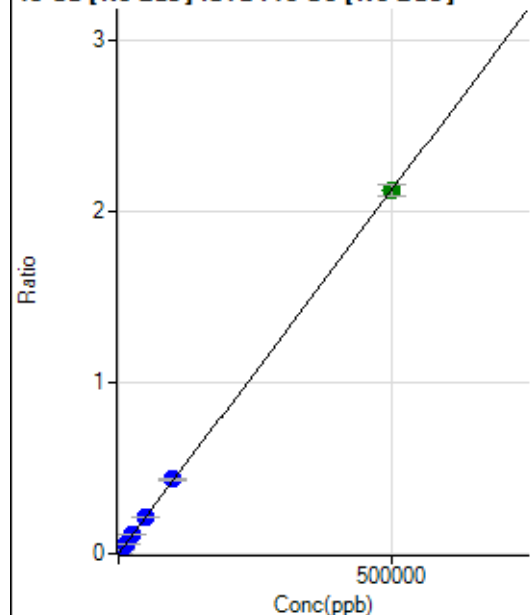
$$R = 1.0000$$

$$DL = 10.7$$

$$BEC = 752.4$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	397.16	0.0001	P	6.8
2	☐	50.000	50.737	1144.16	0.0003	P	5.8
3	☐	500.000	530.878	7985.45	0.0024	P	3.3
4	☐	5000.000	5227.146	75989.43	0.0223	P	0.4
5	☐	12500.000	12798.928	186577.40	0.0545	P	1.0
6	☐	25000.000	25452.433	364290.26	0.1084	P	0.9
7	☐	50000.000	50378.420	723194.46	0.2144	P	1.3
8	☐	100000.00	102740.36	1440181.65	0.4370	P	2.2
9	☐	500000.00	499381.68	7693595.29	2.1237	A	3.3

$$y = 4.2525\text{E-}006 * x + 1.1584\text{E-}004$$

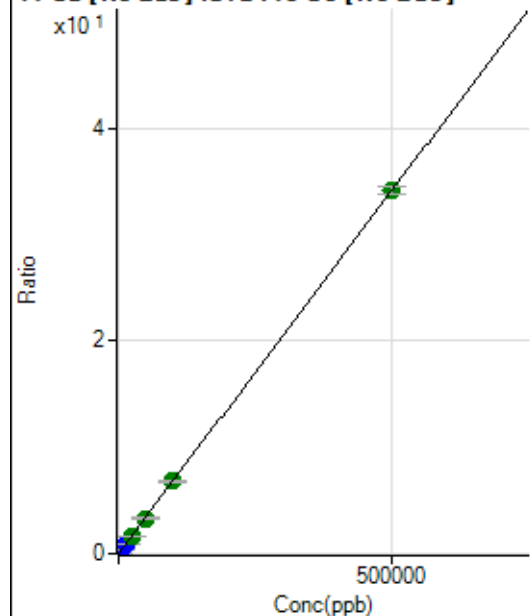
$$R = 1.0000$$

$$DL = 5.55$$

$$BEC = 27.24$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	41937.13	0.0122	P	1.8
2	☐	50.000	49.940	53945.87	0.0156	P	2.5
3	☐	500.000	524.657	161392.37	0.0480	P	0.6
4	☐	5000.000	5239.305	1255559.42	0.3693	P	2.5
5	☐	12500.000	12829.977	3032651.36	0.8866	P	0.5
6	☐	25000.000	24575.251	5672063.98	1.6870	A	0.8
7	☐	50000.000	48559.501	11206512.44	3.3216	A	1.4
8	☐	100000.00	99546.359	22398126.65	6.7964	A	1.9
9	☐	500000.00	500245.34	123575088.3	34.1042	A	2.1

$$y = 6.8150\text{E-}005 * x + 0.0122$$

$$R = 1.0000$$

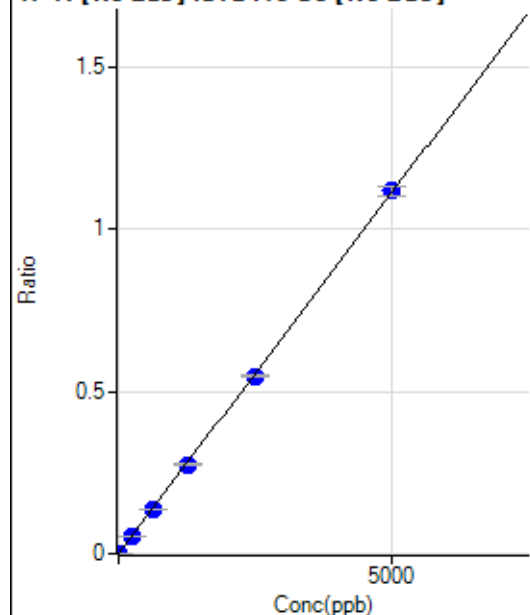
$$DL = 9.721$$

$$BEC = 179.4$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	363.90	0.0001	P	16.5
2	☐	0.500	0.525	769.49	0.0002	P	6.5
3	☐	5.000	4.759	3917.29	0.0012	P	4.8
4	☐	250.000	248.661	188539.01	0.0554	P	0.7
5	☐	625.000	612.212	466369.39	0.1363	P	1.3
6	☐	1250.000	1237.337	926075.65	0.2755	P	1.7
7	☐	2500.000	2454.152	1842980.88	0.5462	P	1.1
8	☐	5000.000	5027.755	3687478.86	1.1190	P	2.4
9	☐			1536.24	0.0004	P	7.0

$$y = 2.2254\text{E-}004 * x + 1.0603\text{E-}004$$

$$R = 0.9999$$

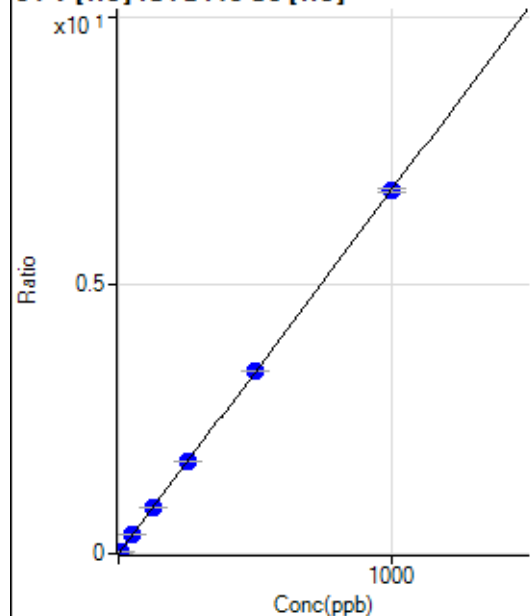
$$DL = 0.236$$

$$BEC = 0.4764$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	30.00	0.0001	P	22.5
2	☐	0.500	0.475	1596.77	0.0033	P	7.1
3	☐	5.000	4.939	15818.57	0.0335	P	3.5
4	☐	50.000	50.616	160524.95	0.3428	P	0.8
5	☐	125.000	125.689	393234.65	0.8510	P	0.8
6	☐	250.000	253.957	784163.71	1.7195	P	0.3
7	☐	500.000	502.083	1553293.80	3.3994	P	0.2
8	☐	1000.000	997.853	3081104.54	6.7559	P	1.2
9	☐			700.02	0.0015	P	2.2

$$y = 0.0068 * x + 6.2893\text{E-}005$$

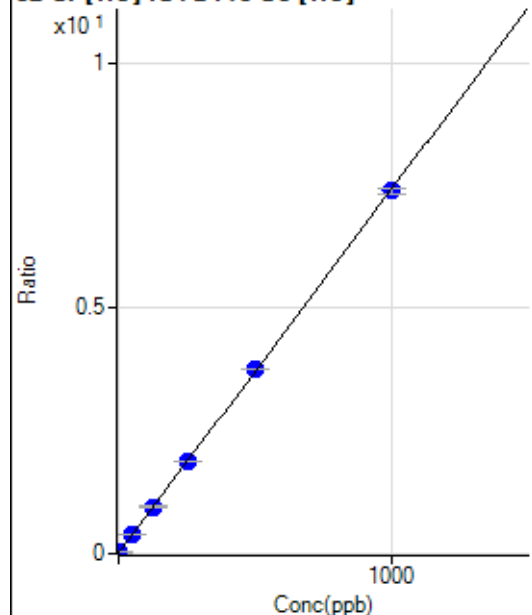
$$R = 1.0000$$

$$DL = 0.006283$$

$$BEC = 0.009289$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3404.87	0.0071	P	5.4
2	☒	0.200					
3	☐	2.000	1.987	10332.58	0.0219	P	0.9
4	☐	50.000	52.099	184361.13	0.3937	P	0.4
5	☐	125.000	128.010	442123.78	0.9568	P	0.9
6	☐	250.000	254.082	862939.34	1.8922	P	0.6
7	☐	500.000	505.632	1717366.52	3.7584	P	0.3
8	☐	1000.000	995.682	3372079.19	7.3941	P	1.4
9	☐			11083.14	0.0232	P	0.9

$$y = 0.0074 * x + 0.0071$$

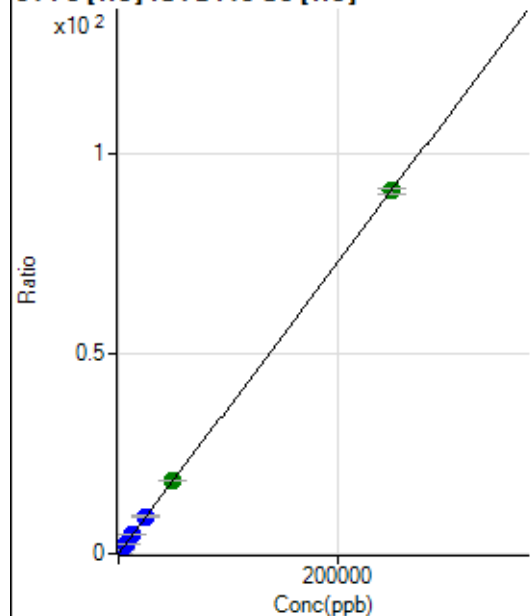
$$R = 1.0000$$

$$DL = 0.1556$$

$$BEC = 0.9618$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5459.99	0.0114	P	1.3
2	☐	5.000	3.209	6144.26	0.0126	P	1.3
3	☐	50.000	53.979	14645.72	0.0310	P	2.0
4	☐	2500.000	2661.472	457220.53	0.9763	P	1.0
5	☐	6250.000	6492.518	1092809.49	2.3651	P	1.8
6	☐	12500.000	13131.291	2176158.97	4.7719	P	1.2
7	☐	25000.000	25763.138	4272862.14	9.3512	P	0.6
8	☐	50000.000	50160.216	8298242.95	18.1958	A	1.5
9	☐	250000.00	249852.40	43268222.53	90.5892	A	1.9

$$y = 3.6253E-004 * x + 0.0114$$

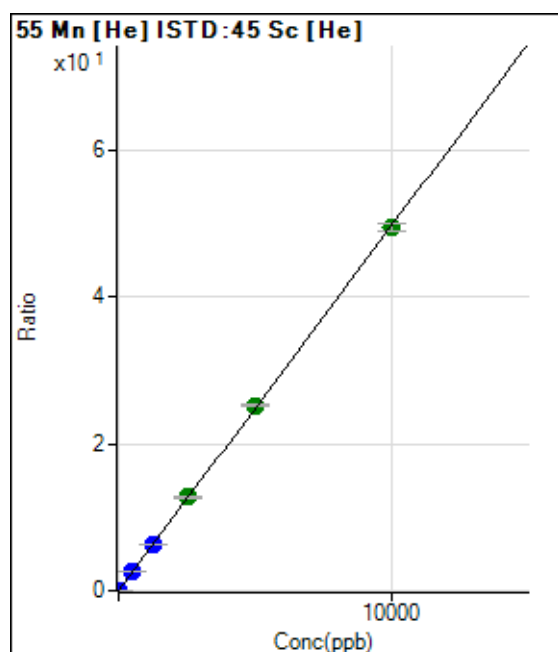
$$R = 1.0000$$

$$DL = 1.196$$

$$BEC = 31.56$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	462.23	0.0010	P	7.5
2	☐	0.100	0.098	708.91	0.0015	P	6.2
3	☐	1.000	0.999	2805.85	0.0059	P	2.9
4	☐	500.000	520.033	1212545.56	2.5891	P	0.7
5	☐	1250.000	1272.232	2926114.85	6.3327	P	0.8
6	☐	2500.000	2568.170	5829129.77	12.7823	A	1.8
7	☐	5000.000	5075.337	11542426.77	25.2601	A	0.6
8	☐	10000.000	9941.508	22563897.16	49.4783	A	2.1
9	☐			35411.46	0.0741	P	0.9

$$y = 0.0050 * x + 9.6871E-004$$

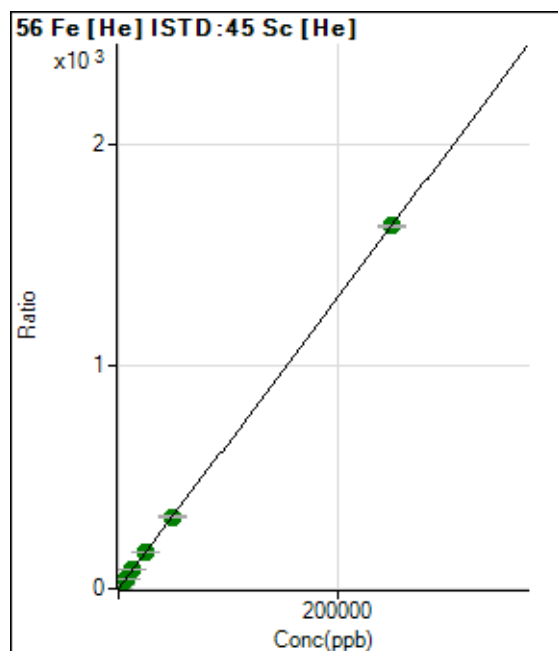
$$R = 0.9999$$

$$DL = 0.04388$$

$$BEC = 0.1946$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	13415.56	0.0281	P	3.0
2	☐	5.000	4.487	27969.43	0.0574	P	2.9
3	☐	50.000	51.491	171963.74	0.3642	P	1.6
4	☐	2500.000	2575.118	7883858.51	16.8342	A	1.0
5	☐	6250.000	6370.439	19223673.11	41.6038	A	1.2
6	☐	12500.000	12745.760	37948315.66	83.2114	A	0.8
7	☐	25000.000	25273.655	75381233.16	164.9729	A	0.7
8	☐	50000.000	49514.950	147393034.7	323.1801	A	1.0
9	☐	250000.00	250053.59	779548898.9	1,631.965	A	0.6

$$y = 0.0065 * x + 0.0281$$

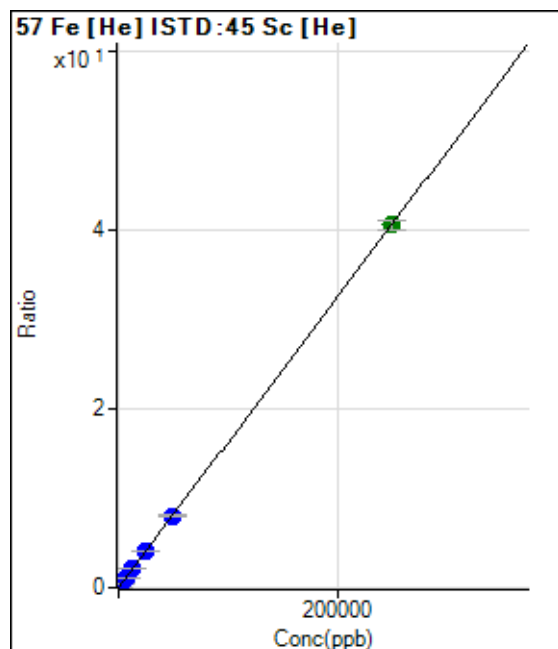
$$R = 1.0000$$

$$DL = 0.3854$$

$$BEC = 4.308$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2435.42	0.0051	P	4.8
2	☐	5.000	4.572	2848.49	0.0058	P	5.3
3	☐	50.000	51.867	6390.38	0.0135	P	3.5
4	☐	2500.000	2541.048	195791.75	0.4181	P	0.7
5	☐	6250.000	6345.441	478867.11	1.0363	P	0.5
6	☐	12500.000	12694.561	943214.35	2.0682	P	0.8
7	☐	25000.000	25004.445	1859166.54	4.0687	P	0.5
8	☐	50000.000	49573.981	3676600.55	8.0617	P	1.4
9	☐	250000.00	250072.23	19412751.59	40.6459	A	2.7

$$y = 1.6252\text{E-}004 * x + 0.0051$$

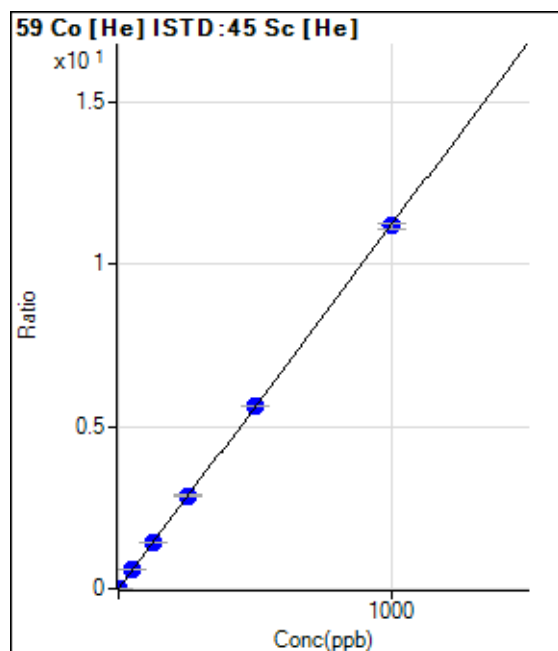
R = 1.0000

DL = 4.519

BEC = 31.4

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	76.67	0.0002	P	13.3
2	☐	0.100	0.094	593.35	0.0012	P	8.7
3	☐	1.000	1.005	5392.16	0.0114	P	3.7
4	☐	50.000	51.609	270936.29	0.5785	P	0.6
5	☐	125.000	127.832	662000.20	1.4327	P	0.9
6	☐	250.000	255.280	1304683.35	2.8609	P	0.8
7	☐	500.000	503.065	2576049.06	5.6377	P	0.5
8	☐	1000.000	996.713	5094000.06	11.1698	P	1.3
9	☐			14401.62	0.0301	P	1.4

$$y = 0.0112 * x + 1.6070\text{E-}004$$

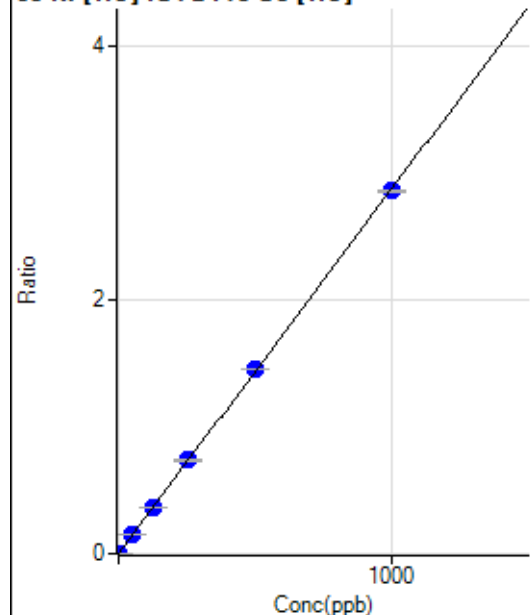
R = 1.0000

DL = 0.005726

BEC = 0.01434

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	308.90	0.0006	P	9.8
2	☐	0.100	0.088	437.79	0.0009	P	8.5
3	☐	1.000	0.986	1641.22	0.0035	P	5.6
4	☐	50.000	52.632	70969.54	0.1515	P	0.7
5	☐	125.000	128.408	170405.59	0.3688	P	0.7
6	☐	250.000	256.499	335637.36	0.7360	P	2.1
7	☐	500.000	505.028	661874.01	1.4485	P	0.5
8	☐	1000.000	995.304	1301651.38	2.8541	P	0.8
9	☐			4584.09	0.0096	P	5.2

$$y = 0.0029 * x + 6.4721E-004$$

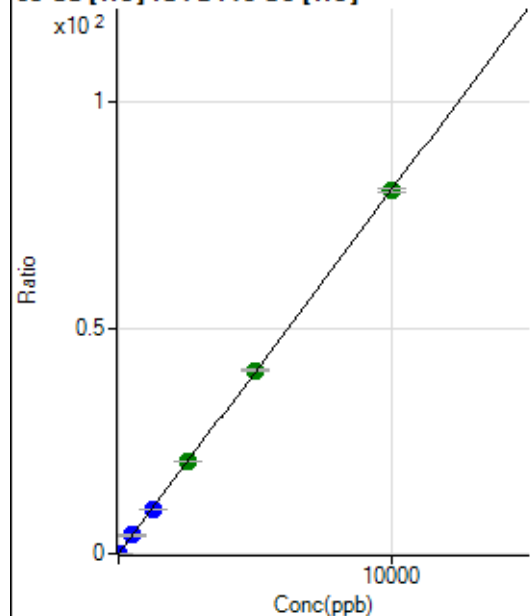
$$R = 1.0000$$

$$DL = 0.06667$$

$$BEC = 0.2258$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2152.40	0.0045	P	5.9
2	☐	0.200	0.157	2814.75	0.0058	P	0.3
3	☐	2.000	1.777	8892.78	0.0188	P	3.0
4	☐	500.000	502.946	1900349.76	4.0577	P	0.7
5	☐	1250.000	1221.121	4549119.38	9.8453	P	1.2
6	☐	2500.000	2547.614	9364830.70	20.5353	A	1.1
7	☐	5000.000	5031.104	18528048.34	40.5493	A	0.8
8	☐	10000.000	9976.007	36668035.56	80.3994	A	1.2
9	☐			12978.05	0.0272	P	2.2

$$y = 0.0081 * x + 0.0045$$

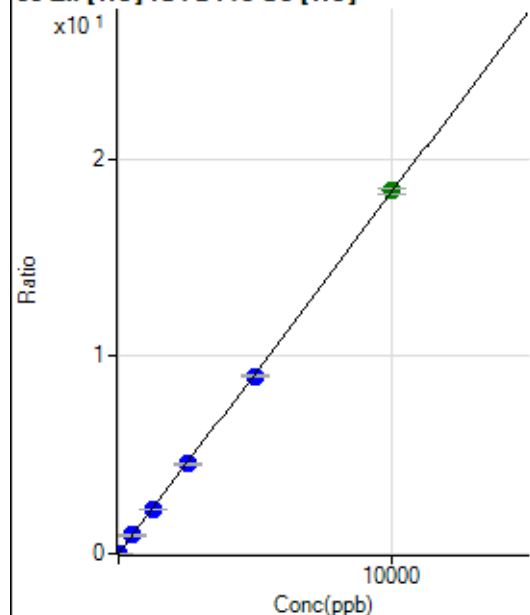
$$R = 1.0000$$

$$DL = 0.09877$$

$$BEC = 0.5597$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1734.56	0.0036	P	4.4
2	☒	0.200					
3	☐	2.000	2.102	3531.58	0.0075	P	2.6
4	☐	500.000	504.381	433460.17	0.9255	P	0.7
5	☐	1250.000	1230.690	1041027.67	2.2530	P	1.4
6	☐	2500.000	2476.034	2065506.12	4.5292	P	0.4
7	☐	5000.000	4918.176	4109057.37	8.9929	P	0.8
8	☐	10000.000	10049.098	8378185.15	18.3709	A	1.5
9	☐			22182.50	0.0464	P	2.0

$$y = 0.0018 * x + 0.0036$$

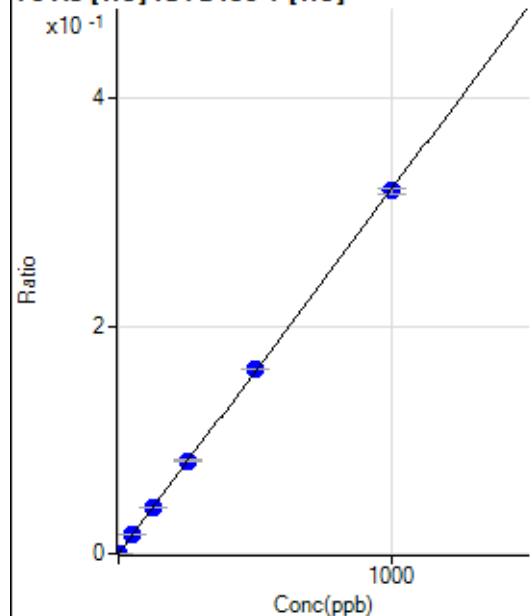
$$R = 0.9999$$

$$DL = 0.2646$$

$$BEC = 1.989$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	35.19	0.0000	P	15.9
2	☐	0.100	0.076	114.81	0.0000	P	13.9
3	☐	1.000	0.944	991.40	0.0003	P	3.8
4	☐	50.000	50.945	51418.08	0.0163	P	0.8
5	☐	125.000	127.559	126560.64	0.0408	P	0.2
6	☐	250.000	255.129	252145.15	0.0817	P	1.0
7	☐	500.000	505.712	502817.92	0.1619	P	0.6
8	☐	1000.000	995.495	1000998.76	0.3187	P	1.6
9	☐			536.43	0.0002	P	7.3

$$y = 3.2010E-004 * x + 1.0915E-005$$

$$R = 1.0000$$

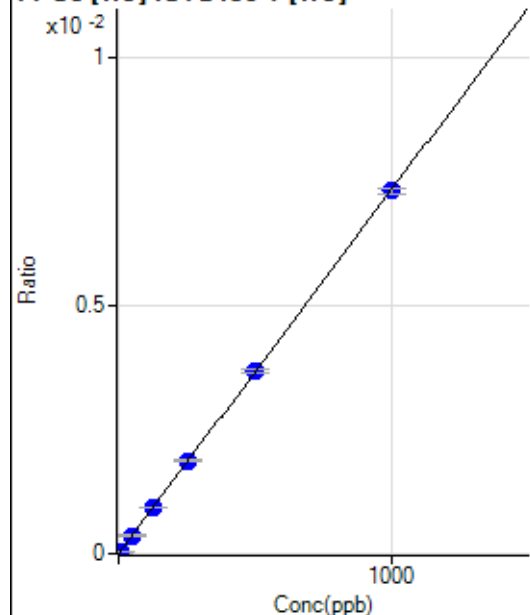
$$DL = 0.0163$$

$$BEC = 0.0341$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3.33	0.0000	P	99.9
2	☐	0.500	0.467	14.45	0.0000	P	93.3
3	☐	5.000	4.745	113.33	0.0000	P	6.7
4	☐	50.000	49.689	1151.17	0.0004	P	5.6
5	☐	125.000	126.678	2881.43	0.0009	P	3.2
6	☐	250.000	254.931	5774.53	0.0019	P	2.6
7	☐	500.000	503.362	11466.83	0.0037	P	1.6
8	☐	1000.000	996.893	22964.94	0.0073	P	1.6
9	☐			17.78	0.0000	P	57.2

$$y = 7.3322\text{E-}006 * x + 1.0295\text{E-}006$$

$$R = 1.0000$$

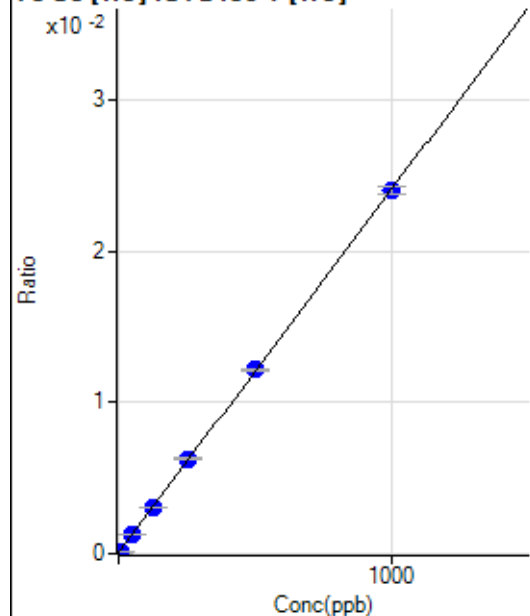
$$DL = 0.4209$$

$$BEC = 0.1404$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	200.00	0.0001	P	8.2
2	☐	0.500	0.744	259.88	0.0001	P	12.7
3	☐	5.000	5.279	597.55	0.0002	P	0.8
4	☐	50.000	51.073	4059.23	0.0013	P	1.8
5	☐	125.000	126.452	9600.13	0.0031	P	0.4
6	☐	250.000	258.775	19372.82	0.0063	P	1.0
7	☐	500.000	503.020	37704.27	0.0121	P	0.5
8	☐	1000.000	996.059	75312.34	0.0240	P	2.1
9	☐			265.44	0.0001	P	8.2

$$y = 2.4009\text{E-}005 * x + 6.2048\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.6377$$

$$BEC = 2.584$$

Weight: <None>

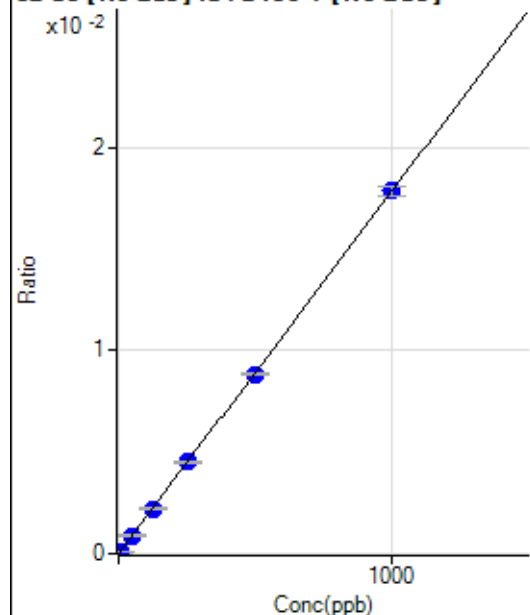
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			758.37		P	18.0
2	☐			791.71		P	5.3
3	☐			855.61		P	9.2
4	☐			733.38		P	13.1
5	☐			747.26		P	7.2
6	☐			883.38		P	14.2
7	☐			988.95		P	6.0
8	☐			1344.55		P	7.2
9	☐			4153.50		P	13.0

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			83.42		P	48.5
2	☐			73.41		P	39.4
3	☐			53.39		P	10.8
4	☐			63.40		P	32.9
5	☐			50.05		P	20.0
6	☐			60.06		P	72.6
7	☐			40.04		P	25.0
8	☐			63.40		P	9.1
9	☐			83.42		P	25.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	28.06	0.0000	P	118.
2	☒	0.500					
3	☐	5.000	5.166	945.17	0.0001	P	13.6
4	☐	50.000	49.805	9081.67	0.0009	P	2.9
5	☐	125.000	123.930	22520.77	0.0022	P	2.3
6	☐	250.000	252.418	45081.66	0.0045	P	1.3
7	☐	500.000	495.184	89507.48	0.0088	P	1.0
8	☐	1000.000	1001.946	179090.38	0.0179	P	2.5
9	☐			122.02	0.0000	P	78.2

$$y = 1.7836E-005 * x + 2.7454E-006$$

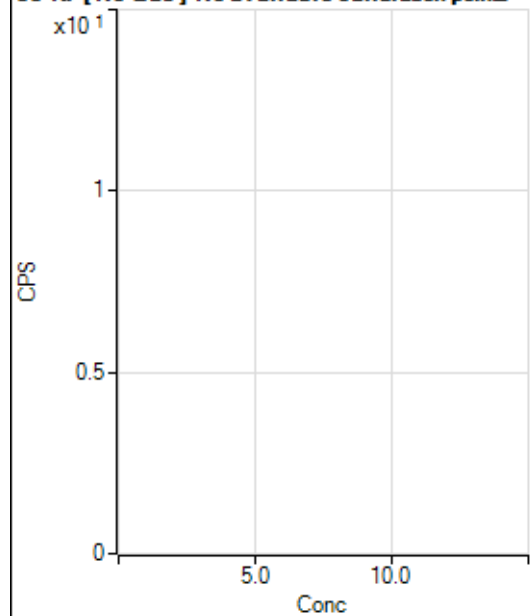
$$R = 1.0000$$

$$DL = 0.5492$$

$$BEC = 0.1539$$

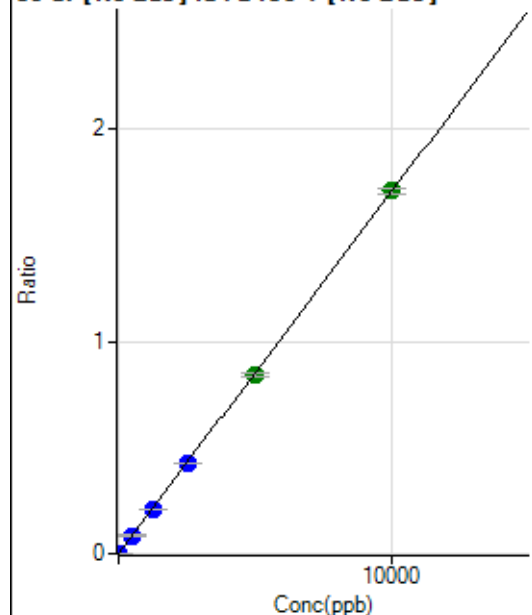
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			593.35		P	6.2
2	☐			610.02		P	3.8
3	☐			535.57		P	8.2
4	☐			613.36		P	11.3
5	☐			595.57		P	8.2
6	☐			602.24		P	13.5
7	☐			597.79		P	4.0
8	☐			647.80		P	12.3
9	☐			616.69		P	12.2

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	969.50	0.0001	P	1.3
2	☐	0.100	0.092	1133.41	0.0001	P	12.3
3	☐	1.000	1.066	2758.67	0.0003	P	2.6
4	☐	500.000	503.708	877009.15	0.0860	P	0.3
5	☐	1250.000	1240.994	2155987.81	0.2118	P	0.9
6	☐	2500.000	2502.442	4273825.09	0.4271	P	1.4
7	☐	5000.000	4955.740	8568772.67	0.8457	A	1.9
8	☐	10000.000	10022.460	17137550.91	1.7102	A	1.8
9	☐			13551.11	0.0013	P	3.3

$$y = 1.7062\text{E-}004 * x + 9.4905\text{E-}005$$

$$R = 1.0000$$

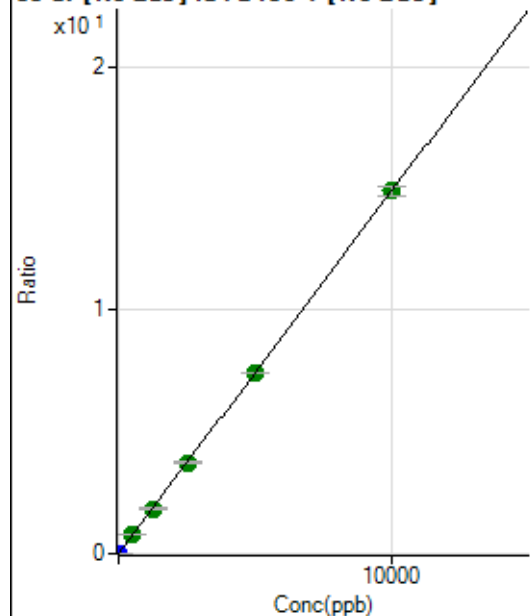
$$DL = 0.02252$$

$$BEC = 0.5562$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	402.80	0.0000	P	20.6
2	☐	0.100	0.108	2044.65	0.0002	P	2.6
3	☐	1.000	1.105	16776.87	0.0017	P	3.6
4	☐	500.000	512.361	7770554.51	0.7623	A	1.2
5	☐	1250.000	1243.325	18826415.18	1.8499	A	0.7
6	☐	2500.000	2516.564	37470776.19	3.7443	A	1.8
7	☐	5000.000	4978.917	75056398.21	7.4079	A	0.7
8	☐	10000.000	10006.617	149171690.8	14.8882	A	2.9
9	☐			109618.22	0.0102	P	4.9

$$y = 0.0015 * x + 3.9466\text{E-}005$$

$$R = 1.0000$$

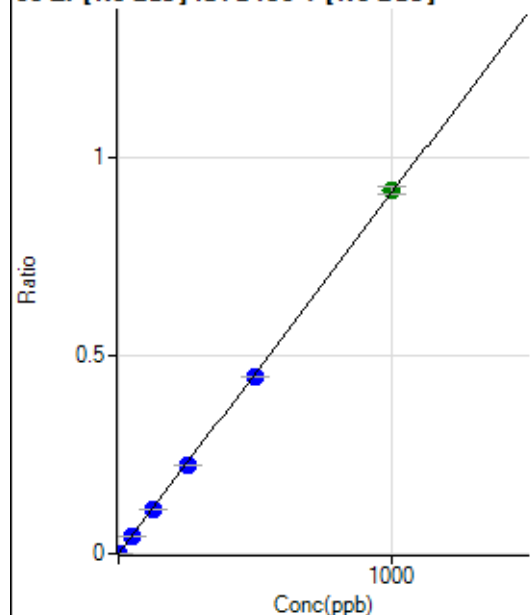
$$DL = 0.01636$$

$$BEC = 0.02653$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	588.92	0.0001	P	18.7
2	☐	0.100	0.085	1377.88	0.0001	P	13.3
3	☐	1.000	0.938	9072.53	0.0009	P	3.7
4	☐	50.000	49.139	455929.23	0.0447	P	0.7
5	☐	125.000	121.432	1123986.53	0.1104	P	1.0
6	☐	250.000	245.972	2238351.70	0.2237	P	1.5
7	☐	500.000	490.479	4518059.69	0.4459	P	0.3
8	☐	1000.000	1006.256	9166987.53	0.9148	A	2.0
9	☐			5303.89	0.0005	P	5.3

$$y = 9.0906E-004 * x + 5.7642E-005$$

$$R = 0.9999$$

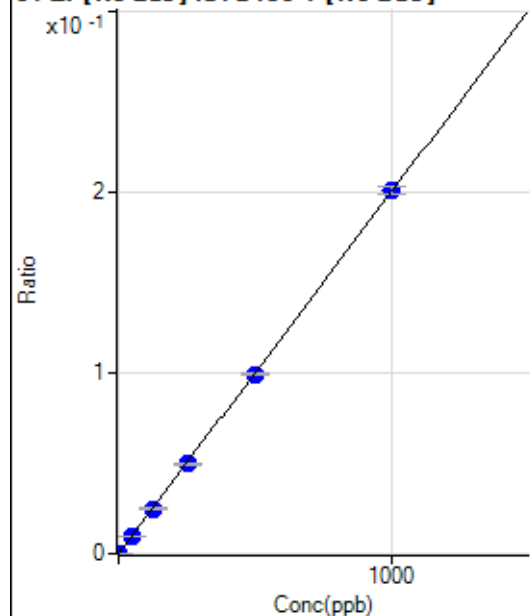
$$DL = 0.0356$$

$$BEC = 0.06341$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	113.89	0.0000	P	17.4
2	☐	0.100	0.100	319.46	0.0000	P	12.0
3	☐	1.000	0.913	1933.52	0.0002	P	2.5
4	☐	50.000	49.971	102159.98	0.0100	P	0.9
5	☐	125.000	124.726	254406.89	0.0250	P	0.6
6	☐	250.000	248.475	498253.02	0.0498	P	2.0
7	☐	500.000	496.104	1007141.89	0.0994	P	0.8
8	☐	1000.000	1002.365	2012346.49	0.2008	P	2.1
9	☐			1141.74	0.0001	P	4.4

$$y = 2.0034E-004 * x + 1.1156E-005$$

$$R = 1.0000$$

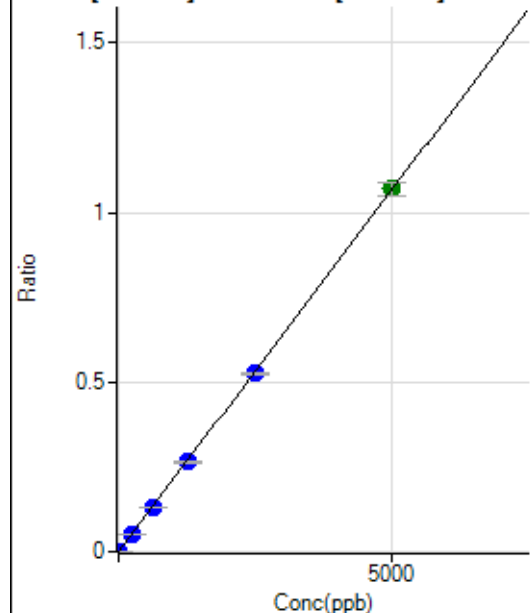
$$DL = 0.02908$$

$$BEC = 0.05569$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	266.68	0.0000	P	19.6
2	☐	0.500	0.461	1275.09	0.0001	P	16.9
3	☐	5.000	4.799	10454.07	0.0010	P	3.3
4	☐	250.000	248.281	539519.53	0.0529	P	1.1
5	☐	625.000	612.463	1328446.25	0.1305	P	1.0
6	☐	1250.000	1244.718	2654394.48	0.2653	P	2.1
7	☐	2500.000	2465.520	5323185.97	0.5254	P	0.6
8	☐	5000.000	5020.214	10717000.85	1.0698	A	4.0
9	☐			4448.05	0.0004	P	8.8

$$y = 2.1309\text{E-}004 * x + 2.6125\text{E-}005$$

$$R = 1.0000$$

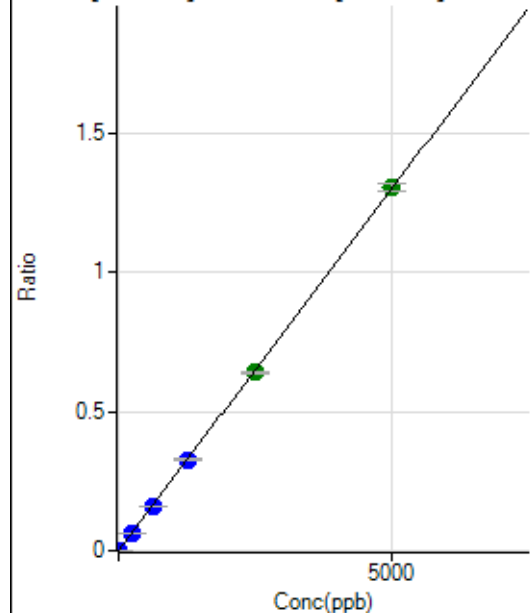
$$DL = 0.07192$$

$$BEC = 0.1226$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	69.45	0.0000	P	36.4
2	☐	0.500	0.474	1327.88	0.0001	P	14.2
3	☐	5.000	4.913	12772.70	0.0013	P	0.2
4	☐	250.000	247.433	654298.28	0.0642	P	1.2
5	☐	625.000	611.150	1613440.01	0.1585	P	1.5
6	☐	1250.000	1252.615	3251615.90	0.3249	P	2.0
7	☐	2500.000	2468.128	6486809.82	0.6403	A	1.0
8	☐	5000.000	5017.142	13041804.98	1.3015	A	2.1
9	☐			5598.47	0.0005	P	4.9

$$y = 2.5941\text{E-}004 * x + 6.7963\text{E-}006$$

$$R = 1.0000$$

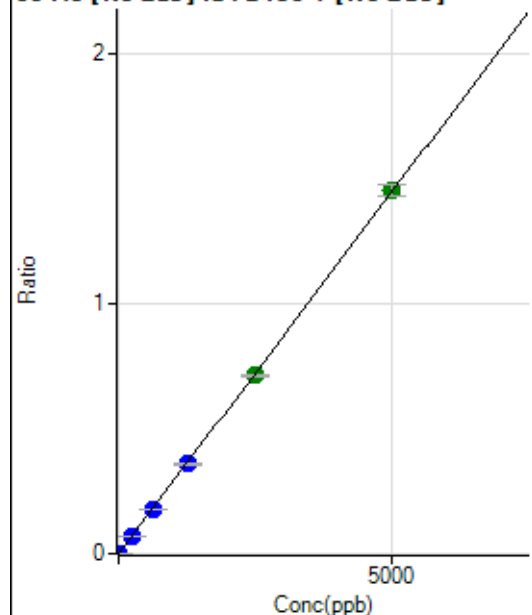
$$DL = 0.02865$$

$$BEC = 0.0262$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	94.44	0.0000	P	61.6
2	☐	0.500	0.456	1444.56	0.0001	P	9.3
3	☐	5.000	4.875	14110.06	0.0014	P	3.0
4	☐	250.000	247.252	727252.58	0.0714	P	1.1
5	☐	625.000	607.730	1784521.28	0.1754	P	1.8
6	☐	1250.000	1239.798	3579954.42	0.3577	P	1.4
7	☐	2500.000	2464.845	7205597.21	0.7112	A	1.7
8	☐	5000.000	5022.424	14519274.98	1.4492	A	3.2
9	☐			4923.21	0.0005	P	11.4

$$y = 2.8854E-004 * x + 9.2378E-006$$

$$R = 1.0000$$

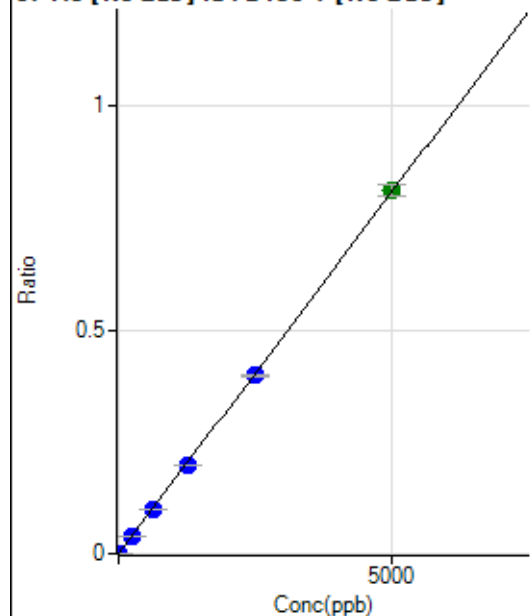
$$DL = 0.05917$$

$$BEC = 0.03202$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16.66	0.0000	P	86.5
2	☐	0.500	0.498	838.93	0.0001	P	8.1
3	☐	5.000	4.794	7721.68	0.0008	P	2.6
4	☐	250.000	246.280	404849.60	0.0397	P	1.2
5	☐	625.000	610.876	1002672.94	0.0985	P	0.3
6	☐	1250.000	1229.449	1984322.66	0.1983	P	1.1
7	☐	2500.000	2465.982	4029639.58	0.3977	P	0.6
8	☐	5000.000	5024.098	8118293.67	0.8103	A	3.0
9	☐			2594.75	0.0002	P	12.4

$$y = 1.6127E-004 * x + 1.6299E-006$$

$$R = 1.0000$$

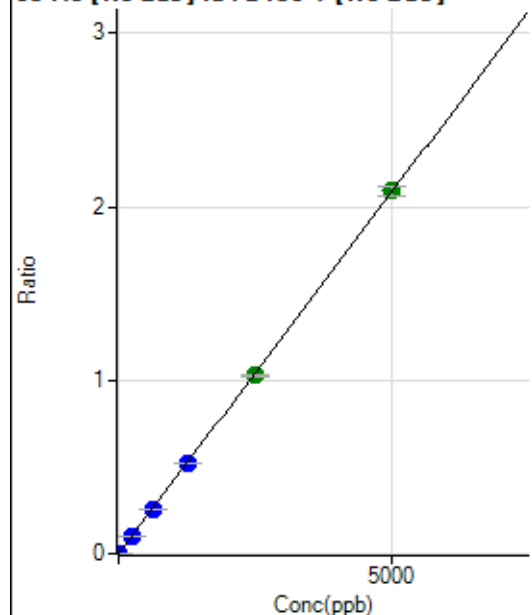
$$DL = 0.02622$$

$$BEC = 0.01011$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	52.78	0.0000	P	24.8
2	☐	0.500	0.442	1944.64	0.0002	P	9.7
3	☐	5.000	4.915	20459.57	0.0021	P	5.7
4	☐	250.000	245.164	1041496.67	0.1022	P	1.3
5	☐	625.000	614.920	2608072.89	0.2563	P	1.7
6	☐	1250.000	1246.161	5197411.14	0.5194	P	1.5
7	☐	2500.000	2466.351	10414961.43	1.0279	A	0.7
8	☐	5000.000	5019.286	20961722.69	2.0919	A	2.4
9	☐			6523.89	0.0006	P	8.9

$$y = 4.1677\text{E-}004 * x + 5.1715\text{E-}006$$

$$R = 1.0000$$

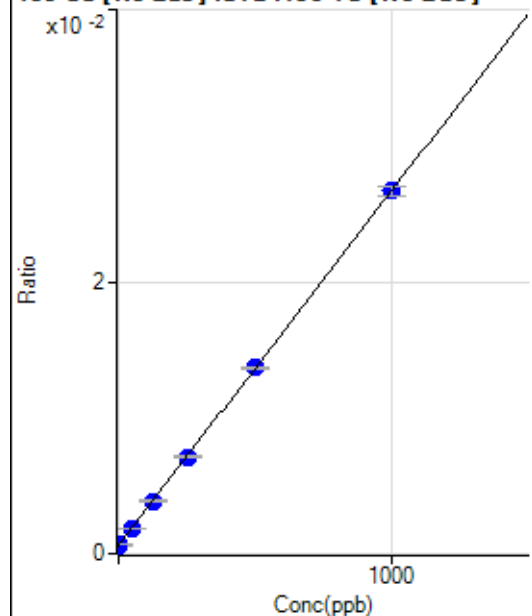
$$DL = 0.009226$$

$$BEC = 0.01241$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4331.35	0.0006	P	5.9
2	☐	0.100	0.512	4450.82	0.0006	P	2.8
3	☐	1.000	1.348	4489.72	0.0007	P	4.2
4	☐	50.000	48.693	13139.70	0.0019	P	0.3
5	☐	125.000	124.751	26683.97	0.0039	P	1.1
6	☐	250.000	249.733	49024.51	0.0071	P	2.0
7	☐	500.000	499.969	93507.08	0.0136	P	0.4
8	☐	1000.000	1000.179	180796.07	0.0267	P	3.0
9	☐			4887.07	0.0007	P	7.0

$$y = 2.6055\text{E-}005 * x + 6.2228\text{E-}004$$

$$R = 1.0000$$

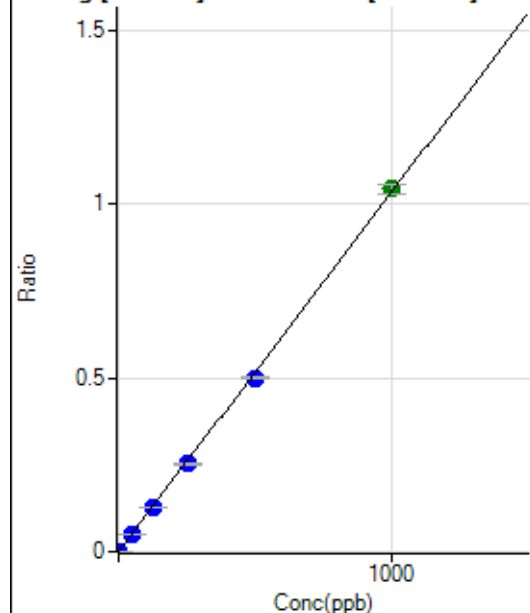
$$DL = 4.198$$

$$BEC = 23.88$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	116.67	0.0000	P	2.2
2	☐	0.100	0.090	766.71	0.0001	P	10.7
3	☐	1.000	0.934	6710.11	0.0010	P	4.1
4	☐	50.000	49.267	354216.38	0.0510	P	1.4
5	☐	125.000	122.213	871309.90	0.1264	P	0.8
6	☐	250.000	245.050	1743395.59	0.2535	P	2.1
7	☐	500.000	484.177	3431645.96	0.5009	P	0.8
8	☐	1000.000	1009.534	7077427.50	1.0444	A	2.5
9	☐			2511.40	0.0004	P	6.5

$$y = 0.0010 * x + 1.6781E-005$$

$$R = 0.9998$$

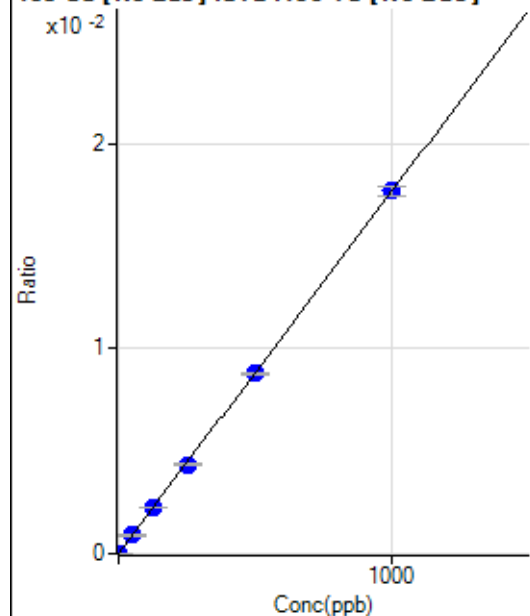
$$DL = 0.001048$$

$$BEC = 0.01622$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	43.06	0.0000	P	37.5
2	☐	0.100	0.074	52.78	0.0000	P	26.3
3	☐	1.000	1.032	166.67	0.0000	P	15.9
4	☐	50.000	50.875	6282.01	0.0009	P	5.0
5	☐	125.000	125.153	15263.89	0.0022	P	0.3
6	☐	250.000	246.300	29939.89	0.0044	P	3.0
7	☐	500.000	497.593	60210.38	0.0088	P	0.9
8	☐	1000.000	1002.066	119887.15	0.0177	P	2.7
9	☐			150.00	0.0000	P	30.5

$$y = 1.7649E-005 * x + 6.2072E-006$$

$$R = 1.0000$$

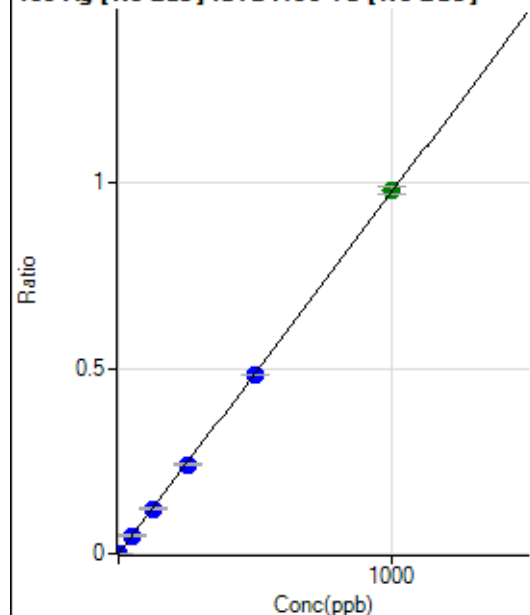
$$DL = 0.3962$$

$$BEC = 0.3517$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	36.11	0.0000	P	37.4
2	☐	0.100	0.095	686.15	0.0001	P	8.6
3	☐	1.000	0.948	6348.82	0.0009	P	6.5
4	☐	50.000	49.954	338739.04	0.0488	P	2.5
5	☐	125.000	124.179	835155.83	0.1212	P	1.6
6	☐	250.000	245.817	1649995.36	0.2399	P	1.6
7	☐	500.000	494.233	3304876.51	0.4824	P	0.5
8	☐	1000.000	1004.034	6641283.83	0.9800	A	2.1
9	☐			2319.82	0.0003	P	15.9

$$y = 9.7603\text{E-}004 * x + 5.2164\text{E-}006$$

$$R = 1.0000$$

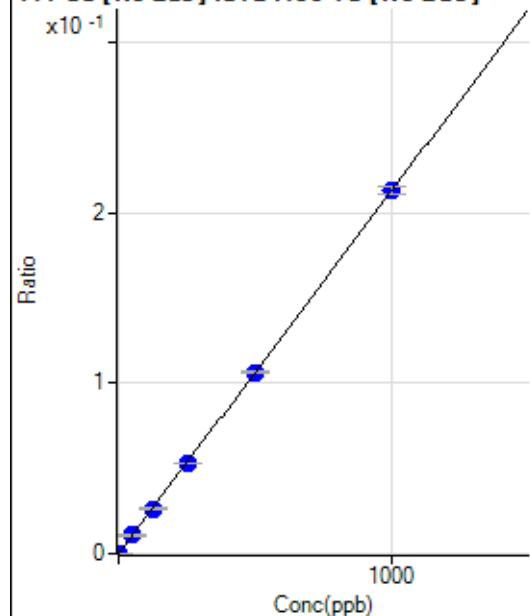
$$DL = 0.005989$$

$$BEC = 0.005344$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	430.77	0.0001	P	7.3
2	☐	0.100	0.115	603.97	0.0001	P	2.0
3	☐	1.000	0.938	1786.57	0.0003	P	9.1
4	☐	50.000	50.190	74685.23	0.0108	P	2.4
5	☐	125.000	124.112	182559.47	0.0265	P	1.2
6	☐	250.000	248.880	364916.23	0.0531	P	2.0
7	☐	500.000	500.415	730537.68	0.1066	P	1.0
8	☐	1000.000	1000.174	1443985.78	0.2131	P	2.0
9	☐			1032.34	0.0001	P	11.6

$$y = 2.1297\text{E-}004 * x + 6.1876\text{E-}005$$

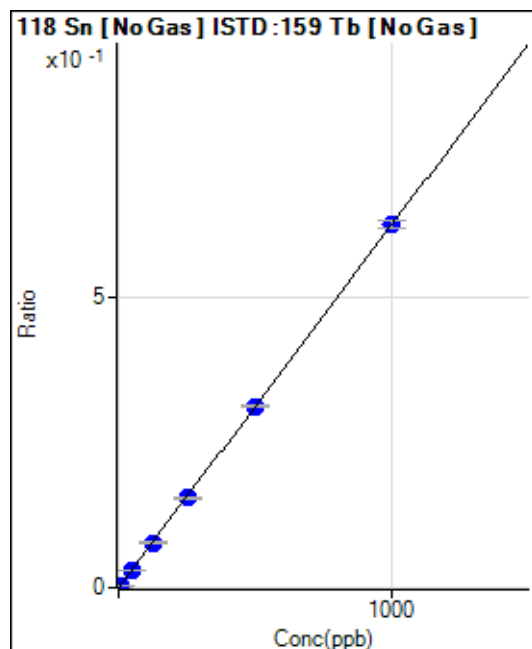
$$R = 1.0000$$

$$DL = 0.06326$$

$$BEC = 0.2905$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	805.60	0.0001	P	4.0
2	☐	0.500	0.427	2680.89	0.0004	P	6.1
3	☐	5.000	4.854	21514.19	0.0032	P	1.4
4	☐	50.000	49.582	216231.83	0.0311	P	1.2
5	☐	125.000	124.212	536023.63	0.0778	P	0.8
6	☐	250.000	246.823	1062120.19	0.1545	P	2.5
7	☐	500.000	500.322	2144295.16	0.3130	P	0.5
8	☐	1000.000	1000.754	4241901.83	0.6259	P	2.2
9	☐			2141.89	0.0003	P	2.9

$$y = 6.2534\text{E-}004 * x + 1.1586\text{E-}004$$

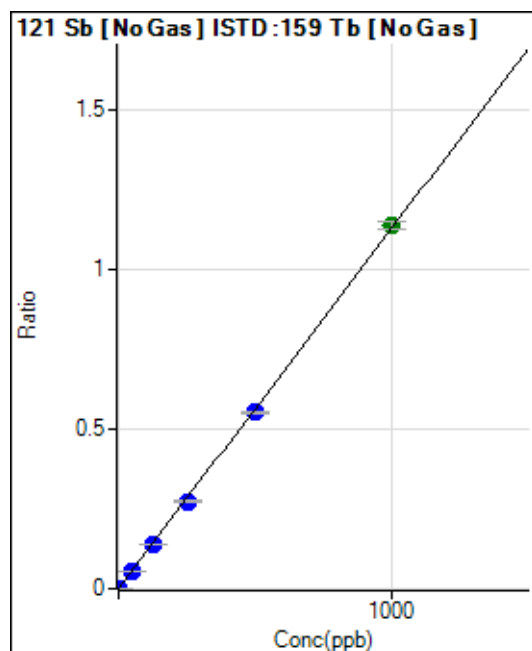
$$R = 1.0000$$

$$DL = 0.02205$$

$$BEC = 0.1853$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	119.45	0.0000	P	22.0
2	☐	0.200	0.176	1514.01	0.0002	P	6.2
3	☐	2.000	1.908	14813.73	0.0022	P	3.5
4	☐	50.000	48.256	378551.41	0.0545	P	0.8
5	☐	125.000	120.957	940821.86	0.1365	P	0.4
6	☐	250.000	242.774	1884344.86	0.2740	P	1.8
7	☐	500.000	489.286	3783403.08	0.5522	P	1.2
8	☐	1000.000	1007.756	7708578.47	1.1374	A	2.0
9	☐			4731.48	0.0007	P	6.2

$$y = 0.0011 * x + 1.7171\text{E-}005$$

$$R = 0.9999$$

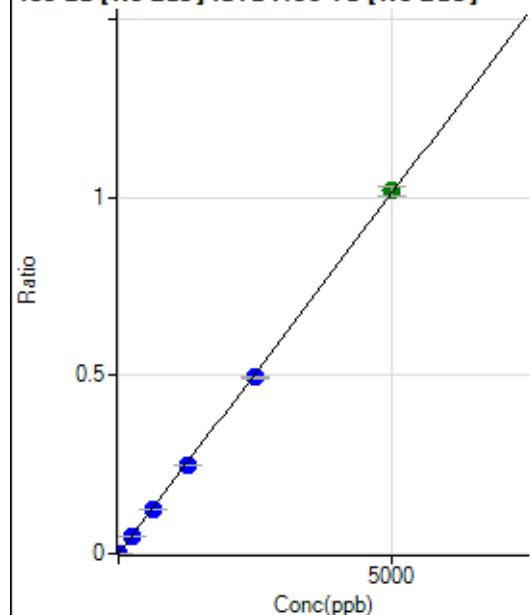
$$DL = 0.01004$$

$$BEC = 0.01521$$

Weight: <None>

Min Conc: 0

135 Ba [No Gas] ISTD :159 Tb [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	19.44	0.0000	P	64.1
2	☐	1.000	0.986	1416.78	0.0002	P	5.7
3	☐	10.000	9.425	13039.75	0.0019	P	1.5
4	☐	250.000	247.002	347273.09	0.0500	P	0.9
5	☐	625.000	616.654	859821.17	0.1248	P	0.5
6	☐	1250.000	1222.284	1700951.30	0.2473	P	1.3
7	☐	2500.000	2447.235	3392597.97	0.4952	P	1.0
8	☐	5000.000	5034.506	6903130.71	1.0187	A	2.7
9	☐			2739.23	0.0004	P	8.3

$$y = 2.0234\text{E-}004 * x + 2.7736\text{E-}006$$

$$R = 0.9999$$

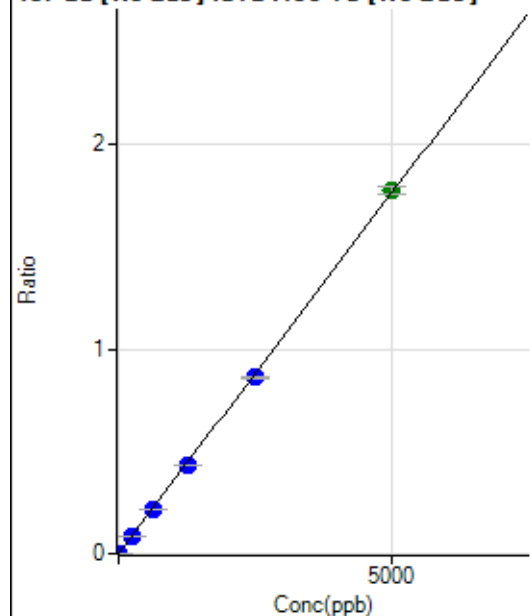
$$DL = 0.02635$$

$$BEC = 0.01371$$

Weight: <None>

Min Conc: 0

137 Ba [No Gas] ISTD :159 Tb [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	47.22	0.0000	P	22.7
2	☐	1.000	0.922	2325.26	0.0003	P	3.8
3	☐	10.000	9.787	23612.13	0.0035	P	2.5
4	☐	250.000	246.891	604899.43	0.0871	P	1.2
5	☐	625.000	616.779	1498634.41	0.2175	P	1.4
6	☐	1250.000	1222.328	2964228.08	0.4310	P	1.3
7	☐	2500.000	2448.220	5914321.14	0.8633	P	0.7
8	☐	5000.000	5033.992	12029719.97	1.7751	A	2.0
9	☐			4564.76	0.0006	P	11.2

$$y = 3.5261\text{E-}004 * x + 6.8117\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.01313$$

$$BEC = 0.01932$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

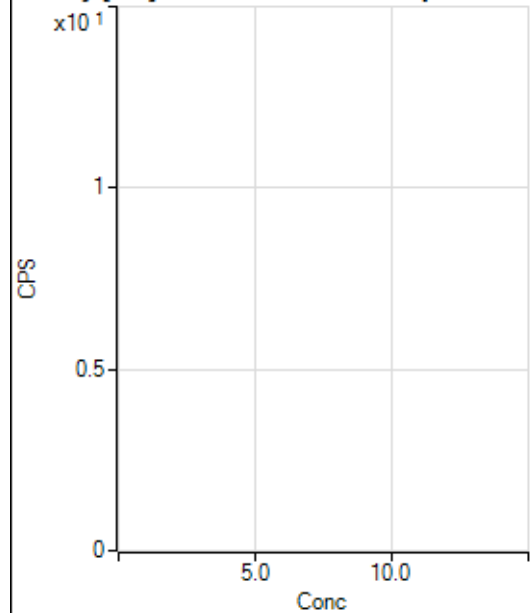
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	69.3
2	☐			11.11		P	34.6
3	☐			2.22		P	173.
4	☐			26.67		P	66.2
5	☐			33.33		P	20.0
6	☐			111.11		P	22.7
7	☐			173.34		P	21.4
8	☐			424.46		P	8.9
9	☐			62.22		P	44.6

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.55		P	124.
2	☐			5.55		P	124.
3	☐			1.11		P	173.
4	☐			10.00		P	66.7
5	☐			20.00		P	50.0
6	☐			21.11		P	59.8
7	☐			50.00		P	23.1
8	☐			58.89		P	3.3
9	☐			23.33		P	65.5

156 Dy [No Gas] No available calibration points

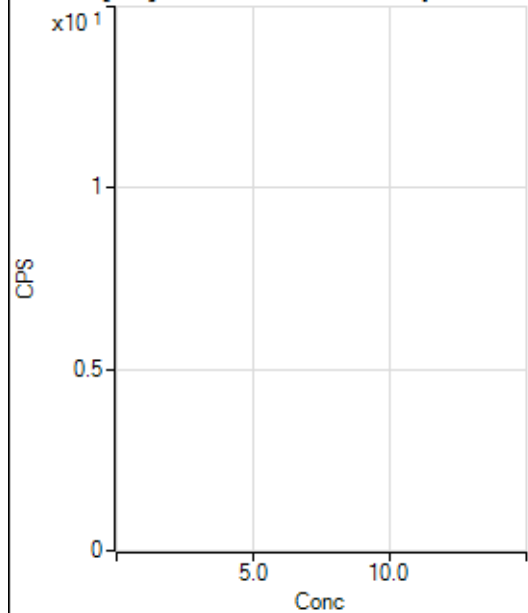
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.33		P	100.
2	☐			13.89		P	91.6
3	☐			11.11		P	114.
4	☐			30.55		P	15.7
5	☐			36.11		P	26.7
6	☐			86.11		P	47.7
7	☐			191.67		P	13.0
8	☐			300.01		P	4.8
9	☐			1266.76		P	6.3

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	43.3
2	☐			6.67		P	50.0
3	☐			2.22		P	86.6
4	☐			24.44		P	20.8
5	☐			31.11		P	49.5
6	☐			78.89		P	27.2
7	☐			153.34		P	9.5
8	☐			270.01		P	7.4
9	☐			700.02		P	1.3

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

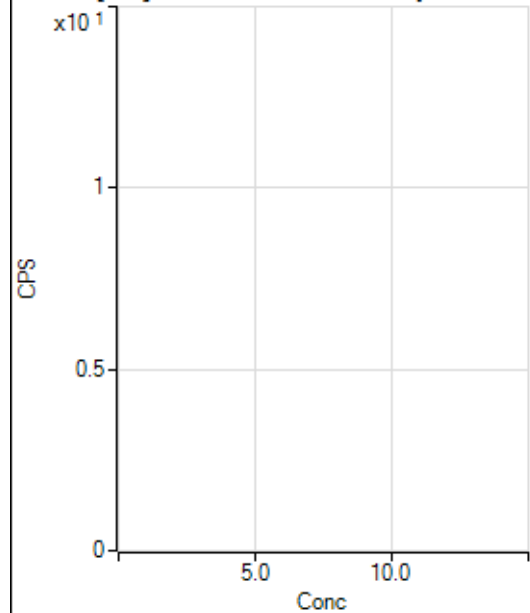
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			80.56		P	26.0
2	☐			94.45		P	25.5
3	☐			63.89		P	64.3
4	☐			61.11		P	39.4
5	☐			77.78		P	22.3
6	☐			94.45		P	62.6
7	☐			113.89		P	27.7
8	☐			208.34		P	31.2
9	☐			830.60		P	2.1

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			132.23		P	11.4
2	☐			126.67		P	16.0
3	☐			138.89		P	19.4
4	☐			121.11		P	16.6
5	☐			128.89		P	10.5
6	☐			146.67		P	4.5
7	☐			206.67		P	8.4
8	☐			220.00		P	18.6
9	☐			774.47		P	6.5

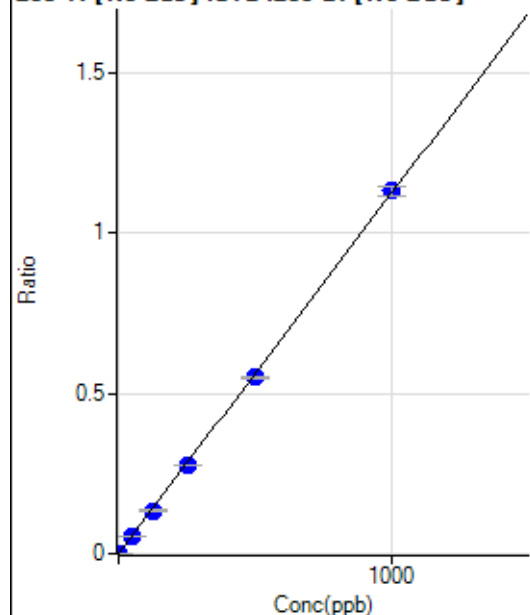
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			55.56		P	31.2
2	☐			50.00		P	60.1
3	☐			52.78		P	39.7
4	☐			55.56		P	43.3
5	☐			50.00		P	33.3
6	☐			72.22		P	53.3
7	☐			91.67		P	31.5
8	☐			66.67		P	87.5
9	☐			152.78		P	35.5

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			28.89		P	24.0
2	☐			24.44		P	39.4
3	☐			25.56		P	39.8
4	☐			37.78		P	50.9
5	☐			24.44		P	34.3
6	☐			30.00		P	29.4
7	☐			51.11		P	26.4
8	☐			57.78		P	18.5
9	☐			96.67		P	17.9

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	86.11	0.0000	P	36.7
2	☐	0.100	0.089	502.80	0.0001	P	5.3
3	☐	1.000	0.961	4459.19	0.0011	P	6.4
4	☐	50.000	50.037	227283.21	0.0563	P	0.5
5	☐	125.000	120.020	548698.36	0.1351	P	1.8
6	☐	250.000	246.351	1094856.97	0.2772	P	1.4
7	☐	500.000	489.425	2172938.03	0.5507	P	0.9
8	☐	1000.000	1006.820	4318899.10	1.1330	P	3.0
9	☐			1338.99	0.0003	P	18.3

$$y = 0.0011 * x + 2.0940E-005$$

$$R = 0.9999$$

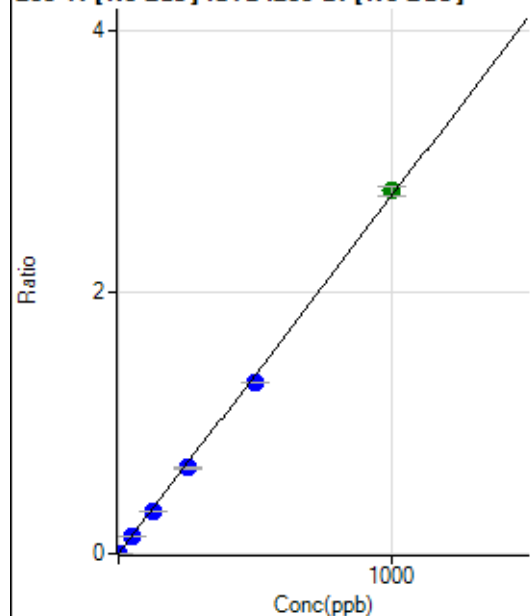
$$DL = 0.02046$$

$$BEC = 0.01861$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	163.90	0.0000	P	7.5
2	☐	0.100	0.098	1286.21	0.0003	P	4.1
3	☐	1.000	0.947	10646.19	0.0026	P	4.7
4	☐	50.000	47.762	527974.57	0.1308	P	0.3
5	☐	125.000	116.780	1299309.42	0.3199	P	1.8
6	☐	250.000	240.096	2597110.54	0.6576	P	0.8
7	☐	500.000	478.412	5169788.44	1.3103	P	0.8
8	☐	1000.000	1014.409	10591319.16	2.7782	A	2.5
9	☐			2917.09	0.0007	P	18.2

$$y = 0.0027 * x + 3.9841E-005$$

$$R = 0.9996$$

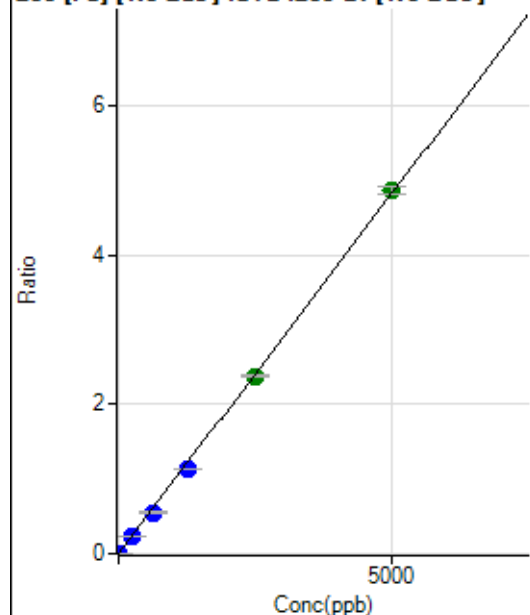
$$DL = 0.003255$$

$$BEC = 0.01455$$

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	524.09	0.0001	P	14.2
2	☐	0.100	0.074	827.82	0.0002	P	9.4
3	☐	1.000	0.941	4185.91	0.0010	P	3.5
4	☐	250.000	234.625	913283.63	0.2263	P	1.7
5	☐	625.000	573.297	2245731.79	0.5529	P	2.1
6	☐	1250.000	1167.835	4447604.90	1.1261	P	0.5
7	☐	2500.000	2469.931	9396806.46	2.3815	A	1.1
8	☐	5000.000	5042.807	18537018.70	4.8622	A	2.3
9	☐			15149.58	0.0038	P	5.9

$$y = 9.6416\text{E-}004 * x + 1.2746\text{E-}004$$

$$R = 0.9998$$

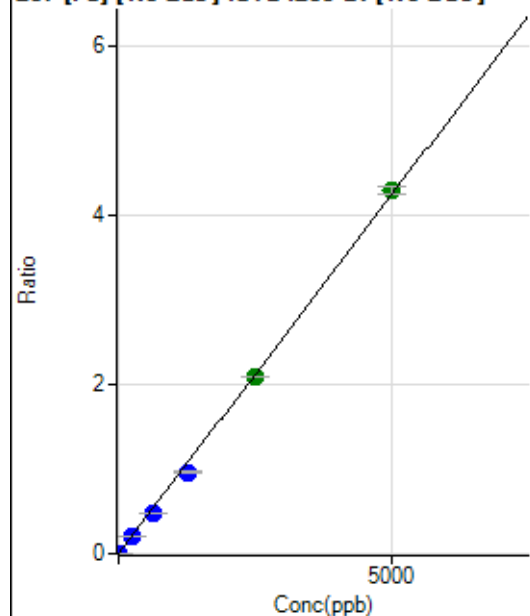
$$DL = 0.05617$$

$$BEC = 0.1322$$

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	462.98	0.0001	P	1.0
2	☐	0.100	0.044	624.10	0.0002	P	2.4
3	☐	1.000	0.918	3606.12	0.0009	P	1.6
4	☐	250.000	229.061	784686.38	0.1945	P	1.1
5	☐	625.000	559.637	1929330.35	0.4750	P	1.4
6	☐	1250.000	1138.444	3815440.62	0.9661	P	0.9
7	☐	2500.000	2459.258	8233452.62	2.0868	A	0.2
8	☐	5000.000	5057.477	16363997.59	4.2914	A	2.0
9	☐			13153.00	0.0033	P	7.5

$$y = 8.4849\text{E-}004 * x + 1.1256\text{E-}004$$

$$R = 0.9996$$

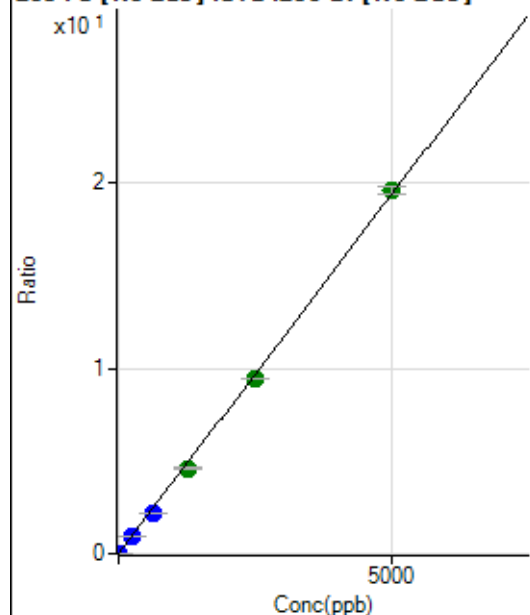
$$DL = 0.004042$$

$$BEC = 0.1327$$

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	2103.80	0.0005	P	3.9
2	☐	0.100	0.070	3246.53	0.0008	P	2.7
3	☐	1.000	0.899	16165.20	0.0040	P	2.9
4	☐	250.000	229.975	3600564.09	0.8923	P	1.2
5	☐	625.000	562.321	8860384.01	2.1812	P	0.8
6	☐	1250.000	1184.160	18137527.11	4.5926	A	1.4
7	☐	2500.000	2445.376	37418184.29	9.4835	A	0.4
8	☐	5000.000	5052.608	74709775.51	19.5942	A	2.0
9	☐			59411.56	0.0150	P	7.0

$$y = 0.0039 * x + 5.1150E-004$$

$$R = 0.9998$$

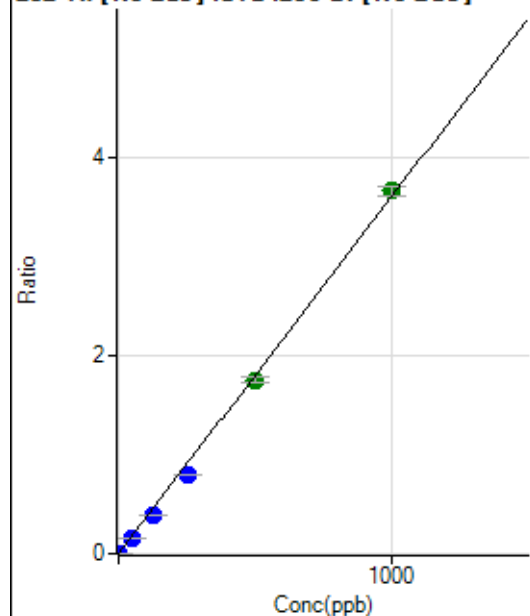
$$DL = 0.01558$$

$$BEC = 0.1319$$

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	72.22	0.0000	P	33.2
2	☐	0.100	0.000	77.78	0.0000	P	7.5
3	☐	1.000	0.000	74.08	0.0000	P	46.4
4	☐	50.000	43.049	626899.58	0.1554	P	0.1
5	☐	125.000	106.964	1568054.39	0.3860	P	0.7
6	☐	250.000	220.013	3135639.54	0.7939	P	0.9
7	☐	500.000	487.204	6935941.71	1.7581	A	2.7
8	☐	1000.000	1016.498	13984277.05	3.6681	A	2.4
9	☐			3659.85	0.0009	P	11.6

$$y = 0.0036 * x + 1.7548E-005$$

$$R = 0.9993$$

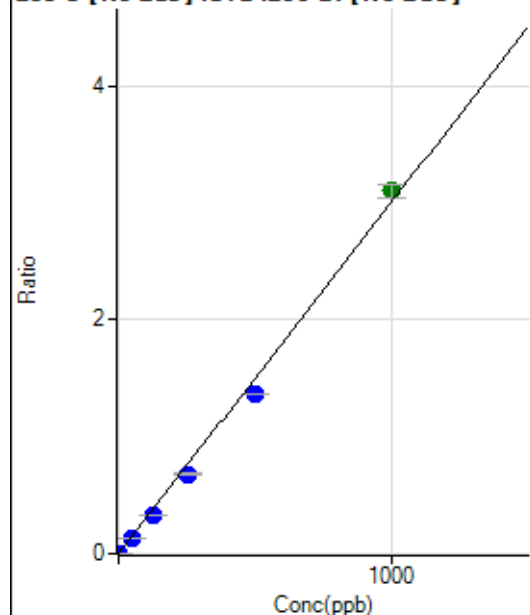
$$DL = 0.004846$$

$$BEC = 0.004863$$

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	36.11	0.0000	P	57.8
2	☐	0.100	0.077	997.29	0.0002	P	8.0
3	☐	1.000	0.838	10226.79	0.0025	P	2.5
4	☐	50.000	43.807	531822.77	0.1318	P	1.0
5	☐	125.000	110.197	1346814.75	0.3315	P	0.7
6	☐	250.000	225.957	2684876.84	0.6798	P	1.0
7	☐	500.000	452.855	5375479.68	1.3624	P	0.5
8	☐	1000.000	1031.744	11831039.67	3.1041	A	4.0
9	☐			1689.06	0.0004	P	21.1

$$y = 0.0030 * x + 8.7750E-006$$

$$R = 0.9981$$

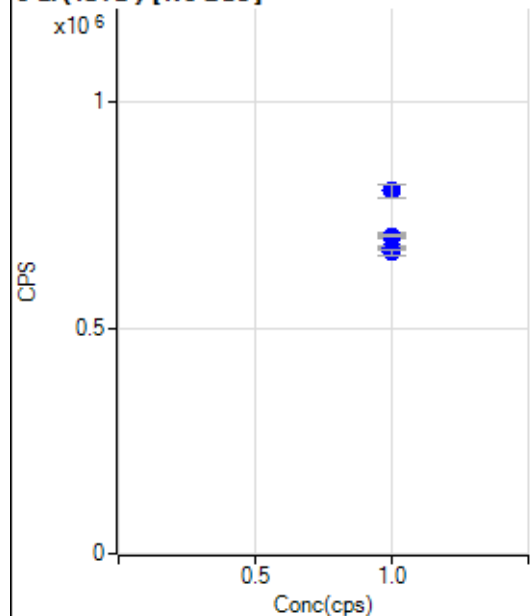
$$DL = 0.005061$$

$$BEC = 0.002917$$

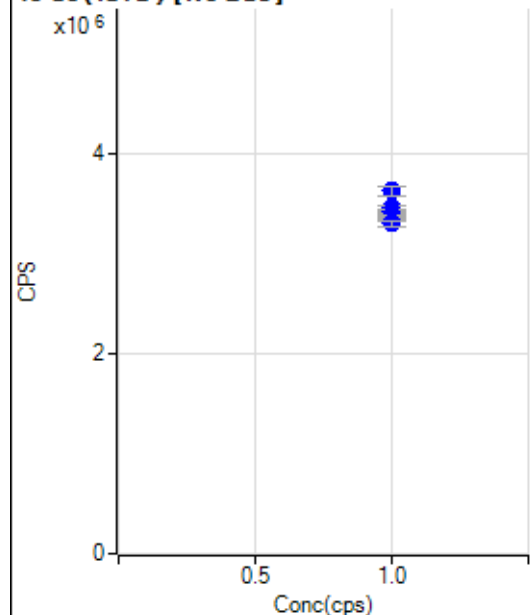
Weight: <None>

Min Conc: 0

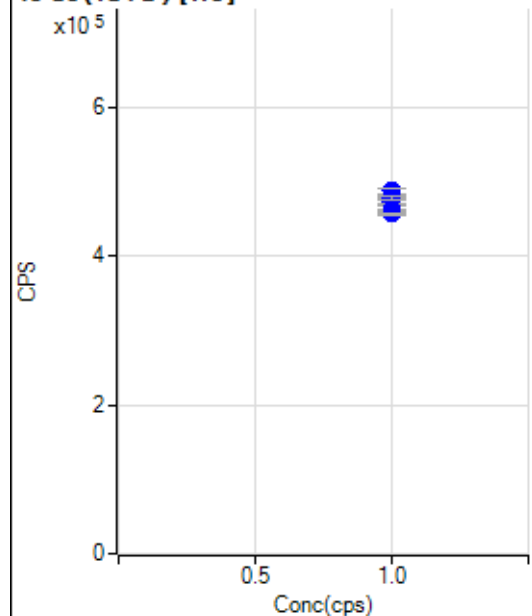
6 Li (ISTD) [No Gas]



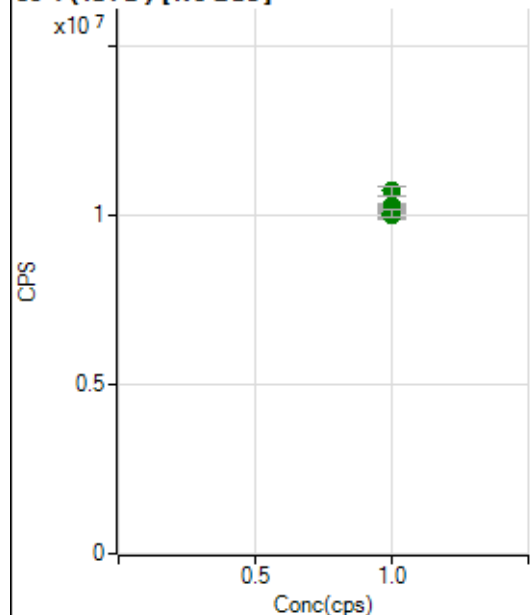
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		701611.25		P	1.2
2	☐	1.000		704405.97		P	0.4
3	☐	1.000		704519.43		P	0.4
4	☐	1.000		704930.80		P	1.4
5	☐	1.000		703800.82		P	0.4
6	☐	1.000		677768.26		P	0.7
7	☐	1.000		677592.25		P	0.9
8	☐	1.000		667457.74		P	2.2
9	☐	1.000		803675.14		P	3.5

45 Sc (ISTD) [No Gas]

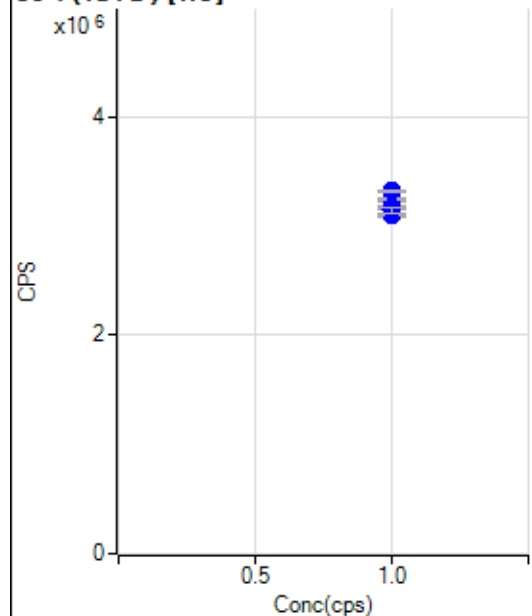
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3429542.83		P	0.7
2	☐	1.000		3451567.45		P	1.2
3	☐	1.000		3363548.18		P	1.5
4	☐	1.000		3400891.41		P	1.7
5	☐	1.000		3420576.03		P	0.7
6	☐	1.000		3362293.87		P	1.1
7	☐	1.000		3373875.16		P	0.1
8	☐	1.000		3296360.44		P	1.8
9	☐	1.000		3624848.77		P	2.9

45 Sc (ISTD) [He]

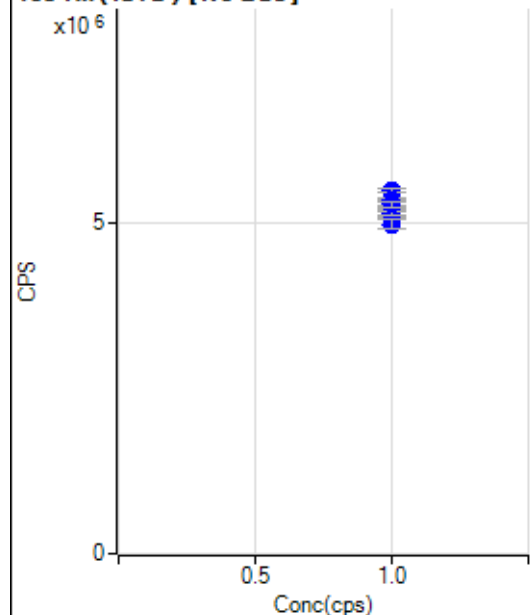
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		477218.90		P	0.3
2	☐	1.000		487432.65		P	1.4
3	☐	1.000		472285.59		P	1.3
4	☐	1.000		468339.89		P	0.5
5	☐	1.000		462082.15		P	0.6
6	☐	1.000		456047.57		P	0.6
7	☐	1.000		456938.34		P	0.6
8	☐	1.000		456086.37		P	0.8
9	☐	1.000		477696.17		P	1.1

89 Y (ISTD) [No Gas]

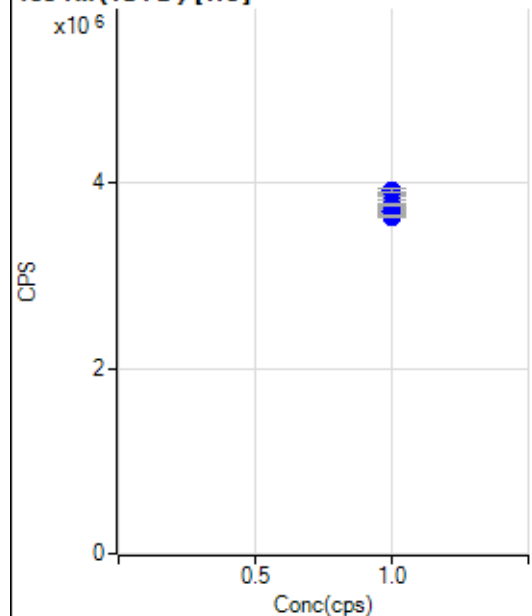
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10215979.57		A	0.7
2	☐	1.000		10249963.87		A	1.2
3	☐	1.000		9968297.90		A	1.6
4	☐	1.000		10193395.89		A	1.1
5	☐	1.000		10177414.64		A	1.0
6	☐	1.000		10008846.45		A	1.8
7	☐	1.000		10131899.36		A	1.0
8	☐	1.000		10023610.48		A	2.2
9	☐	1.000		10706251.37		A	2.8

89 Y (ISTD) [He]

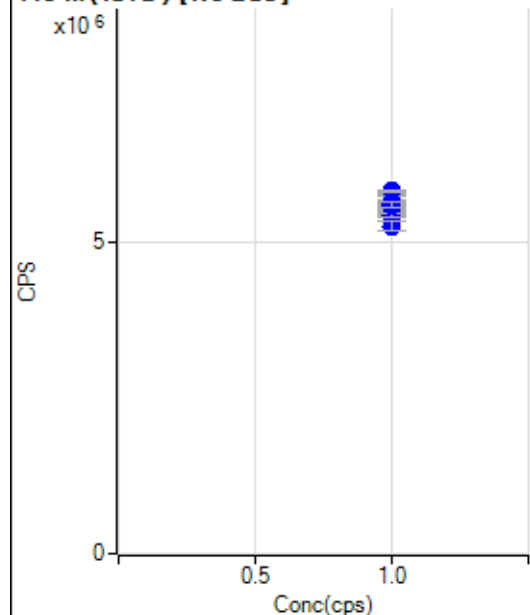
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3224459.22		P	0.6
2	☐	1.000		3252107.94		P	0.4
3	☐	1.000		3165061.03		P	1.3
4	☐	1.000		3150958.53		P	0.2
5	☐	1.000		3098760.47		P	0.4
6	☐	1.000		3087238.42		P	0.7
7	☐	1.000		3106043.57		P	0.8
8	☐	1.000		3141806.38		P	1.8
9	☐	1.000		3318265.75		P	0.2

103 Rh (ISTD) [No Gas]

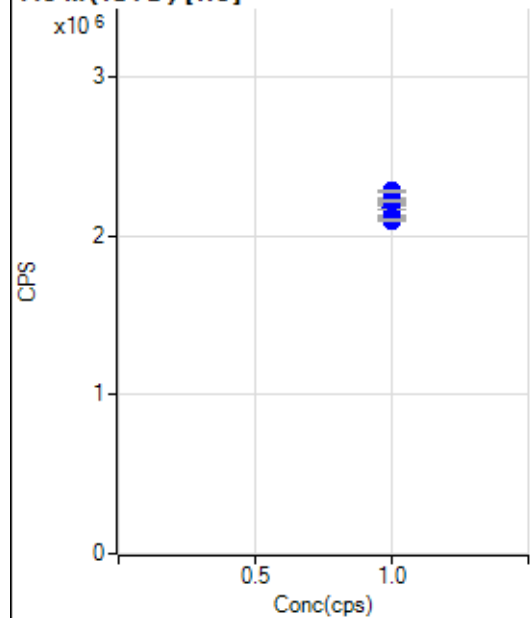
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5361609.78		P	0.4
2	☐	1.000		5474350.61		P	1.1
3	☐	1.000		5342668.12		P	1.3
4	☐	1.000		5218189.44		P	1.0
5	☐	1.000		5223754.40		P	0.5
6	☐	1.000		5118072.84		P	1.7
7	☐	1.000		5132058.15		P	1.1
8	☐	1.000		4973850.86		P	2.6
9	☐	1.000		5266655.62		P	2.0

103 Rh (ISTD) [He]

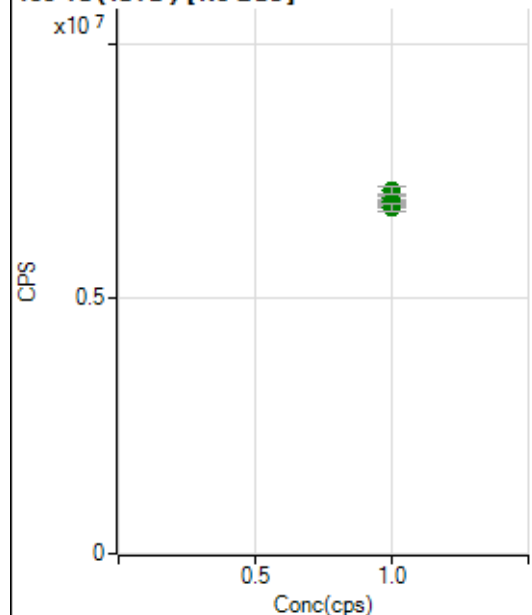
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3873799.18		P	0.9
2	☐	1.000		3920223.45		P	1.0
3	☐	1.000		3791561.23		P	1.2
4	☐	1.000		3724734.29		P	0.9
5	☐	1.000		3693467.97		P	1.0
6	☐	1.000		3655991.23		P	1.3
7	☐	1.000		3635755.68		P	0.3
8	☐	1.000		3650645.50		P	0.7
9	☐	1.000		3770507.27		P	0.7

115 In (ISTD) [No Gas]

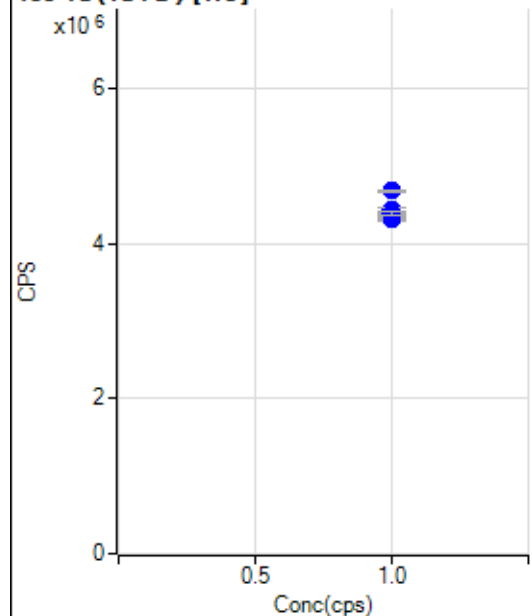
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5781966.90		P	0.5
2	☐	1.000		5836234.14		P	0.5
3	☐	1.000		5661378.86		P	1.3
4	☐	1.000		5624230.70		P	0.9
5	☐	1.000		5562821.89		P	1.1
6	☐	1.000		5474503.86		P	0.9
7	☐	1.000		5451949.72		P	1.0
8	☐	1.000		5271101.84		P	3.0
9	☐	1.000		5610688.38		P	1.7

115 In (ISTD) [He]

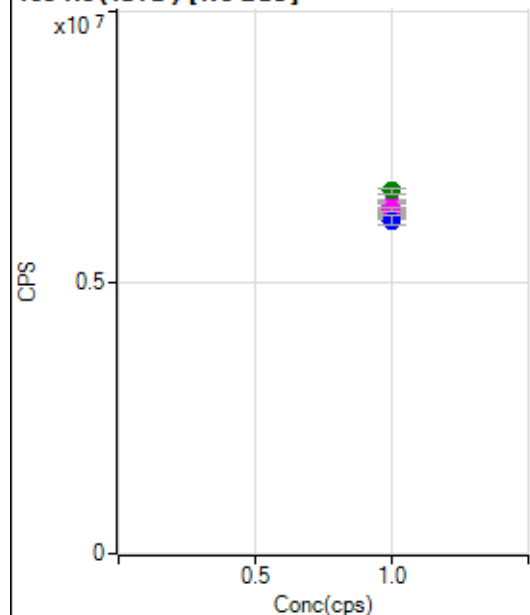
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2235060.22		P	0.5
2	☐	1.000		2281002.96		P	0.8
3	☐	1.000		2192607.93		P	0.7
4	☐	1.000		2176647.25		P	1.1
5	☐	1.000		2121469.82		P	0.8
6	☐	1.000		2111871.77		P	0.4
7	☐	1.000		2094857.23		P	0.2
8	☐	1.000		2095450.22		P	0.8
9	☐	1.000		2217861.32		P	0.5

159 Tb (ISTD) [No Gas]

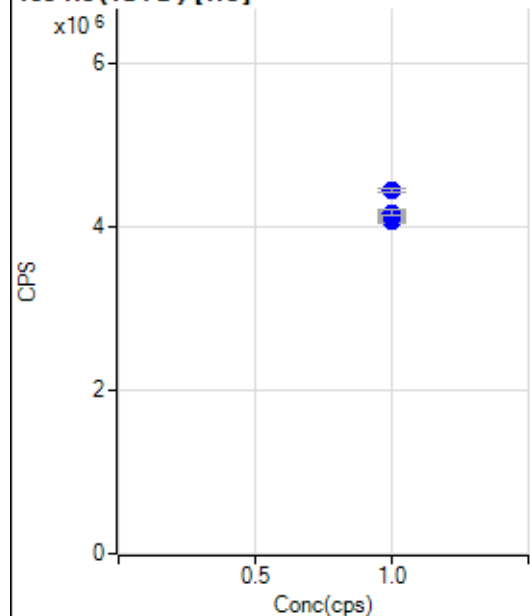
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6954703.37		A	2.1
2	☐	1.000		7001574.20		A	1.6
3	☐	1.000		6827503.65		A	1.1
4	☐	1.000		6948561.56		A	1.5
5	☐	1.000		6890983.23		A	1.2
6	☐	1.000		6878468.51		A	2.0
7	☐	1.000		6850966.43		A	0.4
8	☐	1.000		6779446.36		A	2.6
9	☐	1.000		7106552.47		A	2.1

159 Tb (ISTD) [He]

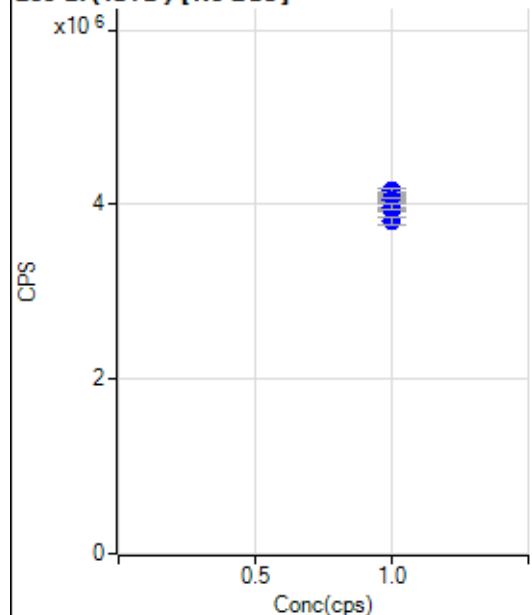
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4340949.00		P	0.2
2	☐	1.000		4421783.51		P	1.3
3	☐	1.000		4326237.05		P	1.3
4	☐	1.000		4315895.53		P	0.6
5	☐	1.000		4333671.22		P	0.7
6	☐	1.000		4318424.94		P	0.3
7	☐	1.000		4347426.60		P	0.6
8	☐	1.000		4383079.34		P	1.2
9	☐	1.000		4673621.63		P	0.7

165 Ho (ISTD) [No Gas]

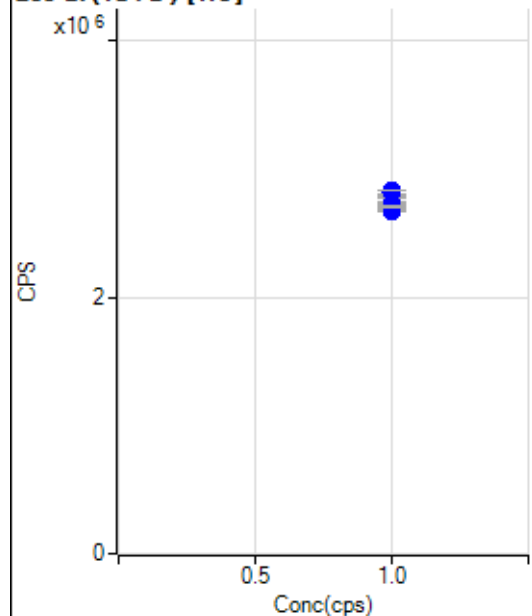
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6462470.73		M	0.9
2	☐	1.000		6455687.75		M	2.3
3	☐	1.000		6180934.42		P	0.9
4	☐	1.000		6289950.46		P	0.6
5	☐	1.000		6413012.82		M	2.3
6	☐	1.000		6351531.29		M	3.1
7	☐	1.000		6344305.32		M	1.3
8	☐	1.000		6140253.17		P	3.0
9	☐	1.000		6682228.65		A	1.4

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4106010.25		P	0.8
2	☐	1.000		4150131.85		P	1.0
3	☐	1.000		4061658.41		P	0.5
4	☐	1.000		4103537.37		P	0.5
5	☐	1.000		4100335.01		P	0.9
6	☐	1.000		4107766.12		P	0.6
7	☐	1.000		4130425.81		P	0.9
8	☐	1.000		4167411.60		P	1.2
9	☐	1.000		4431857.61		P	1.2

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4113069.28		P	0.4
2	☐	1.000		4155111.81		P	1.1
3	☐	1.000		4044594.42		P	0.6
4	☐	1.000		4035147.06		P	0.7
5	☐	1.000		4062473.66		P	1.0
6	☐	1.000		3949730.01		P	1.3
7	☐	1.000		3945545.50		P	0.7
8	☐	1.000		3813886.02		P	2.4
9	☐	1.000		3973235.57		P	1.2

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2782362.16		P	0.4
2	☐	1.000		2820066.19		P	1.2
3	☐	1.000		2720174.94		P	1.7
4	☐	1.000		2725921.78		P	0.1
5	☐	1.000		2726677.88		P	0.4
6	☐	1.000		2691259.71		P	0.8
7	☐	1.000		2674568.19		P	0.7
8	☐	1.000		2705253.07		P	0.4
9	☐	1.000		2827662.30		P	0.1

US EPA Tune Check Sample Report

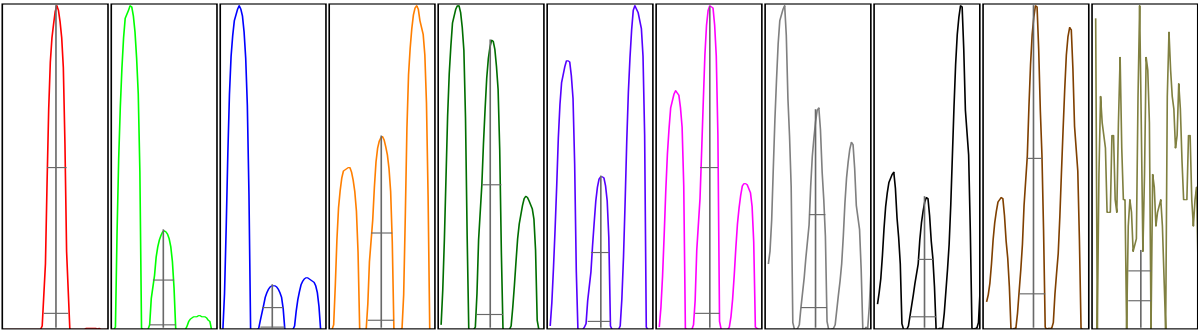
Batch Folder C:\Agilent\ICPMH\1\DATA\P7101921 MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	5357	0.75	5.00	
24	42330	0.42	5.00	
25	5779	0.83	5.00	
26	6899	1.50	5.00	
59	14280	0.83	5.00	
113	8940	0.71	5.00	
115	25998	3.07	5.00	
206	9066	0.83	5.00	
207	7828	0.85	5.00	
208	18795	0.51	5.00	
220	1	19.54		

	Replicate 1	Replicate 2	Replicate 3	Replicate 4	Replicate 5
Mass	Count	Count	Count	Count	Count
9	5358	5392	5377	5369	5288
24	42526	42429	42181	42412	42103
25	5841	5820	5744	5754	5736
26	6945	7050	6844	6780	6877
59	14199	14221	14167	14390	14425
113	8885	8929	8877	9024	8985
115	27092	26490	25850	25441	25115
206	8945	9045	9125	9122	9094
207	7750	7768	7852	7866	7905
208	18658	18759	18800	18911	18849
220	1	1	1	1	1

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	10164	9.05	8.9 - 9.1		0.729	0.900	
24	74641	24.00	23.9 - 24.1		0.744	0.900	
25	10061	25.00	24.9 - 25.1		0.739	0.900	
26	11924	26.00	25.9 - 26.1		0.776	0.900	
59	26478	59.00	58.9 - 59.1		0.772	0.900	
113	17450	113.05	112.9 - 113.1		0.693	0.900	
115	50036	115.05	114.9 - 115.1		0.723	0.900	
206	19233	205.95	205.9 - 206.1		0.741	0.900	
207	16412	206.95	206.9 - 207.1		0.741	0.900	
208	40146	207.95	207.9 - 208.1		0.737	0.900	
220	0	219.90	-		0.679		

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	10.7	V	Deflect	14.8	V
Extract 2	-250.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-95	V	Cell Exit	-50	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	No		OctP Bias	-8.0	V	Energy Discrimination		5.0 V
He Flow	0.0	mL/min	OctP RF	190	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	7462	0.51	
89	29522	0.58	
205	8592	0.46	

	Replicate 1	Replicate 2	Replicate 3	Replicate 4	Replicate 5
Mass	Count	Count	Count	Count	Count
59	7453	7469	7451	7416	7520
89	29449	29770	29584	29306	29499
205	8575	8629	8531	8601	8623

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	10.2	V	Deflect	4.0	V
Extract 2	-250.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-115	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 :	LB116918	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 11:57:52	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.40	0.08	-0.48	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	-0.01	0.01	0.00	N/A	ppb
Barium	135-1	0.00	0.01	-0.01	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.01	0.00	N/A	ppb
Beryllium	9-1	0.00	-0.01	0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.28	-0.06	0.34	0.00	N/A	ppb
Boron	11-1	0.02	-0.05	0.03	0.00	N/A	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.01	0.02	-0.02	0.00	N/A	ppb
Cadmium	106-1	0.36	1.19	-1.54	0.00	N/A	ppb
Cadmium	108-1	-0.15	0.05	0.10	0.00	N/A	ppb
Calcium	43-1	-1.12	2.14	-1.02	0.00	N/A	ppb
Calcium	44-1	-3.72	2.20	1.52	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.06	-0.03	-0.03	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.04	-0.02	-0.02	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.13	-0.01	-0.12	0.00	N/A	ppb
Iron	57-2	-1.41	-0.17	1.58	0.00	N/A	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 11:57:52	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	0.39	0.02	-0.41	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	-0.02	0.02	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.01	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.16	0.22	-0.05	0.00	N/A	ppb
Manganese	55-2	0.01	-0.02	0.01	0.00	N/A	ppb
Molybdenum	94-1	0.02	-0.03	0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.02	-0.02	0.00	N/A	ppb
Molybdenum	97-1	-0.01	-0.01	0.01	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.01	0.02	0.00	N/A	ppb
Phosphorus	31-2	-0.64	2.12	-0.63	0.28	561.15	ppb
Potassium	39-2	-1.81	4.11	-2.30	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.05	0.15	-0.20	0.00	N/A	ppb
Selenium	77-2	-0.14	0.14	0.00	0.00	N/A	ppb
Selenium	78-2	0.23	-0.18	-0.05	0.00	N/A	ppb
Silicon	28-1	-2.09	3.77	-1.68	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	0.10	0.60	-0.70	0.00	N/A	ppb
Strontium	86-1	0.01	0.00	-0.01	0.00	N/A	ppb
Strontium	88-1	0.00	-0.01	0.00	0.00	N/A	ppb
Sulfur	34-1	-812.67	-112.90	-1087.22	-670.93		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	-0.01	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 11:57:52	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	0.08	-0.08	0.00	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.02	-0.08	0.10	0.00	N/A	ppb
Zirconium	90-1	0.00	0.01	-0.01	0.00	N/A	ppb
Zirconium	91-1	0.01	-0.01	0.01	0.00	N/A	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	S1	Instrumnet Name :	P7
Client Sample ID :	S1	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:01:02	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	Rejected	Rejected	Rejected			ppb
Antimony	121-1	0.19	0.17	0.17	0.18	6.74	ppb
Arsenic	75-2	0.07	0.06	0.09	0.08	20.09	ppb
Barium	135-1	1.01	1.02	0.92	0.99	5.78	ppb
Barium	137-1	0.95	0.94	0.88	0.92	3.89	ppb
Beryllium	9-1	0.13	0.11	0.11	0.11	12.07	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	3.19	2.16	2.18	2.51	23.55	ppb
Boron	11-1	2.18	2.28	1.87	2.11	10.14	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.11	0.11	0.12	0.11	6.92	ppb
Cadmium	106-1	-0.17	1.22	0.49	0.51	135.12	ppb
Cadmium	108-1	0.09	0.18	-0.04	0.07	150.90	ppb
Calcium	43-1	55.98	48.46	47.77	50.74	8.97	ppb
Calcium	44-1	54.92	43.52	51.39	49.94	11.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	Rejected	Rejected	Rejected			ppb
Cobalt	59-2	0.10	0.08	0.10	0.09	9.97	ppb
Copper	63-2	0.16	0.15	0.16	0.16	1.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	56-2	4.70	4.55	4.21	4.49	5.66	ppb
Iron	57-2	6.51	2.69	4.51	4.57	41.81	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	S1	Instrumnet Name :	P7
Client Sample ID :	S1	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:01:02	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	3.21	2.75	3.66	3.21	14.20	ppb
Krypton	83-1						cps
Lead	206-1	0.09	0.05	0.08	0.07	26.05	ppb
Lead	207-1	0.05	0.05	0.04	0.04	9.46	ppb
Lead	208-1	0.07	0.07	0.06	0.07	7.78	ppb
Lithium	6-1				100		%
Magnesium	24-2	45.48	44.52	45.29	45.09	1.13	ppb
Manganese	55-2	0.12	0.08	0.10	0.10	18.61	ppb
Molybdenum	94-1	0.45	0.56	0.37	0.46	21.39	ppb
Molybdenum	95-1	0.48	0.40	0.54	0.47	15.02	ppb
Molybdenum	96-1	0.40	0.49	0.48	0.46	9.94	ppb
Molybdenum	97-1	0.49	0.46	0.54	0.50	8.30	ppb
Molybdenum	98-1	0.40	0.49	0.44	0.44	10.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.10	0.06	0.10	0.09	30.29	ppb
Phosphorus	31-2	-1.07	-4.95	-7.45	-4.49		ppb
Potassium	39-2	47.89	31.69	33.24	37.60	23.78	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	82-1	Rejected	Rejected	Rejected			ppb
Selenium	77-2	0.56	0.98	-0.14	0.47	121.31	ppb
Selenium	78-2	1.22	0.41	0.60	0.74	56.73	ppb
Silicon	28-1	-0.12	-10.64	-6.35	-5.70		ppb
Silver	107-1	0.08	0.10	0.10	0.09	12.58	ppb
Silver	109-1	0.09	0.09	0.11	0.10	9.12	ppb
Sodium	23-2	39.25	38.51	39.15	38.97	1.04	ppb
Strontium	86-1	0.18	0.03	0.07	0.09	85.97	ppb
Strontium	88-1	0.11	0.10	0.11	0.11	3.25	ppb
Sulfur	34-1	25.53	-1244.52	-1124.40	-781.13		ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	0.09	0.09	0.08	0.09	6.39	ppb
Thallium	205-1	0.10	0.10	0.10	0.10	4.68	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	S1	Instrumnet Name :	P7
Client Sample ID :	S1	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:01:02	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	120.08	ppb
Tin	118-1	0.38	0.45	0.45	0.43	8.81	ppb
Titanium	47-1	0.50	0.48	0.60	0.53	12.30	ppb
Uranium	238-1	0.07	0.08	0.08	0.08	8.26	ppb
Vanadium	51-2	0.51	0.45	0.46	0.47	7.19	ppb
Yttrium	89-1				100		%
Yttrium	89-2				101		%
Zinc	66-2	Rejected	Rejected	Rejected			ppb
Zirconium	90-1	0.09	0.06	0.10	0.08	23.24	ppb
Zirconium	91-1	0.11	0.11	0.08	0.10	18.68	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:04:10	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.66	21.90	20.47	21.34	3.58	ppb
Antimony	121-1	1.98	1.85	1.90	1.91	3.57	ppb
Arsenic	75-2	0.99	0.93	0.92	0.94	3.89	ppb
Barium	135-1	9.48	9.53	9.27	9.43	1.48	ppb
Barium	137-1	9.61	9.68	10.07	9.79	2.54	ppb
Beryllium	9-1	0.95	0.89	1.05	0.96	8.44	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Boron	10-1	21.78	22.52	21.78	22.03	1.93	ppb
Boron	11-1	23.13	22.52	22.57	22.74	1.50	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.86	0.88	1.07	0.94	11.95	ppb
Cadmium	106-1	0.13	1.78	2.14	1.35	79.43	ppb
Cadmium	108-1	1.12	1.19	0.78	1.03	21.31	ppb
Calcium	43-1	515.52	526.12	550.99	530.88	3.43	ppb
Calcium	44-1	526.28	527.78	519.91	524.66	0.80	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.99	2.01	1.96	1.99	1.27	ppb
Cobalt	59-2	0.99	0.98	1.05	1.00	3.75	ppb
Copper	63-2	1.79	1.84	1.70	1.78	3.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	56-2	50.45	51.94	52.08	51.49	1.75	ppb
Iron	57-2	50.45	49.96	55.19	51.87	5.57	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:04:10	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	53.81	52.35	55.78	53.98	3.18	ppb
Krypton	83-1						cps
Lead	206-1	0.91	0.98	0.93	0.94	3.95	ppb
Lead	207-1	0.94	0.90	0.91	0.92	1.85	ppb
Lead	208-1	0.92	0.92	0.86	0.90	3.31	ppb
Lithium	6-1				100		%
Magnesium	24-2	480.34	488.86	494.95	488.05	1.50	ppb
Manganese	55-2	1.02	1.02	0.96	1.00	3.46	ppb
Molybdenum	94-1	4.74	4.67	4.98	4.80	3.41	ppb
Molybdenum	95-1	4.90	4.92	4.92	4.91	0.24	ppb
Molybdenum	96-1	5.04	4.77	4.82	4.88	2.98	ppb
Molybdenum	97-1	4.93	4.76	4.69	4.79	2.62	ppb
Molybdenum	98-1	5.21	4.65	4.88	4.92	5.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.05	0.99	0.92	0.99	6.85	ppb
Phosphorus	31-2	0.68	2.86	9.08	4.21	103.53	ppb
Potassium	39-2	521.60	529.56	523.53	524.90	0.79	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	82-1	5.80	5.32	4.37	5.17	14.05	ppb
Selenium	77-2	4.39	4.80	5.04	4.75	6.95	ppb
Selenium	78-2	5.32	5.21	5.31	5.28	1.17	ppb
Silicon	28-1	44.14	41.47	38.02	41.21	7.45	ppb
Silver	107-1	0.89	0.95	0.96	0.93	4.18	ppb
Silver	109-1	1.01	0.88	0.95	0.95	6.52	ppb
Sodium	23-2	503.54	510.13	521.44	511.70	1.77	ppb
Strontium	86-1	1.07	1.02	1.11	1.07	3.89	ppb
Strontium	88-1	1.15	1.07	1.10	1.11	3.71	ppb
Sulfur	34-1	2109.42	1470.95	775.81	1452.06	45.94	ppb
Terbium	159-1				98		%
Terbium	159-2				100		%
Thallium	203-1	1.01	0.89	0.99	0.96	6.53	ppb
Thallium	205-1	1.00	0.93	0.92	0.95	4.79	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:04:10	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	1062.57	ppb
Tin	118-1	4.93	4.79	4.84	4.85	1.47	ppb
Titanium	47-1	5.04	4.66	4.58	4.76	5.26	ppb
Uranium	238-1	0.85	0.81	0.85	0.84	2.46	ppb
Vanadium	51-2	4.78	5.13	4.91	4.94	3.50	ppb
Yttrium	89-1				98		%
Yttrium	89-2				98		%
Zinc	66-2	2.22	2.01	2.08	2.10	5.06	ppb
Zirconium	90-1	0.97	0.95	0.90	0.94	3.93	ppb
Zirconium	91-1	0.93	0.92	0.89	0.91	2.61	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:12:44	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	973.38	999.92	989.02	987.44	1.35	ppb
Antimony	121-1	48.27	47.87	48.63	48.26	0.80	ppb
Arsenic	75-2	50.69	50.73	51.42	50.94	0.80	ppb
Barium	135-1	249.49	244.88	246.64	247.00	0.94	ppb
Barium	137-1	249.99	244.04	246.64	246.89	1.21	ppb
Beryllium	9-1	50.76	49.76	50.82	50.45	1.18	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Boron	10-1	48.87	50.19	51.66	50.24	2.78	ppb
Boron	11-1	49.46	48.36	50.20	49.34	1.87	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	51.55	49.26	49.76	50.19	2.40	ppb
Cadmium	106-1	48.61	48.92	48.55	48.69	0.40	ppb
Cadmium	108-1	51.04	48.22	53.37	50.87	5.07	ppb
Calcium	43-1	5243.69	5237.18	5200.57	5227.15	0.44	ppb
Calcium	44-1	5383.94	5120.22	5213.75	5239.30	2.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	52.09	52.33	51.87	52.10	0.45	ppb
Cobalt	59-2	51.36	51.98	51.48	51.61	0.63	ppb
Copper	63-2	499.03	506.52	503.28	502.95	0.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				100		%
Indium	115-1				97		%
Indium	115-2				97		%
Iron	56-2	2586.19	2594.87	2544.29	2575.12	1.05	ppb
Iron	57-2	2542.92	2557.11	2523.12	2541.05	0.67	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:12:44	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2666.98	2684.69	2632.75	2661.47	0.99	ppb
Krypton	83-1						cps
Lead	206-1	238.36	234.95	230.57	234.63	1.66	ppb
Lead	207-1	231.60	229.13	226.45	229.06	1.13	ppb
Lead	208-1	232.90	229.40	227.63	229.97	1.17	ppb
Lithium	6-1				100		%
Magnesium	24-2	5098.19	5164.69	5116.13	5126.34	0.67	ppb
Manganese	55-2	519.73	523.61	516.76	520.03	0.66	ppb
Molybdenum	94-1	247.86	251.31	245.67	248.28	1.15	ppb
Molybdenum	95-1	245.81	250.81	245.69	247.43	1.18	ppb
Molybdenum	96-1	246.02	250.25	245.50	247.25	1.05	ppb
Molybdenum	97-1	245.85	249.53	243.46	246.28	1.24	ppb
Molybdenum	98-1	243.46	248.80	243.23	245.16	1.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.41	53.03	52.45	52.63	0.66	ppb
Phosphorus	31-2	1006.29	1032.38	1031.65	1023.44	1.45	ppb
Potassium	39-2	2742.06	2773.25	2741.53	2752.28	0.66	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	48.32	51.22	49.87	49.80	2.91	ppb
Selenium	77-2	52.76	47.39	48.92	49.69	5.58	ppb
Selenium	78-2	51.72	49.98	51.52	51.07	1.87	ppb
Silicon	28-1	85.30	70.05	72.89	76.08	10.66	ppb
Silver	107-1	50.05	48.68	49.07	49.27	1.43	ppb
Silver	109-1	51.37	49.11	49.39	49.95	2.46	ppb
Sodium	23-2	5250.26	5285.35	5220.24	5251.95	0.62	ppb
Strontium	86-1	504.23	505.04	501.85	503.71	0.33	ppb
Strontium	88-1	517.48	513.98	505.63	512.36	1.19	ppb
Sulfur	34-1	3987.58	1905.78	1967.71	2620.36	45.20	ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	49.93	49.85	50.33	50.04	0.52	ppb
Thallium	205-1	47.85	47.82	47.62	47.76	0.26	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:12:44	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	43.07	43.05	43.02	43.05	0.06	ppb
Tin	118-1	50.08	48.91	49.76	49.58	1.22	ppb
Titanium	47-1	250.40	247.10	248.49	248.66	0.67	ppb
Uranium	238-1	44.19	43.35	43.87	43.81	0.96	ppb
Vanadium	51-2	51.08	50.24	50.53	50.62	0.84	ppb
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	500.23	506.06	506.85	504.38	0.72	ppb
Zirconium	90-1	49.52	49.07	48.83	49.14	0.72	ppb
Zirconium	91-1	49.48	50.06	50.37	49.97	0.91	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:15:53	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2388.31	2414.89	2358.95	2387.38	1.17	ppb
Antimony	121-1	120.42	121.31	121.14	120.96	0.39	ppb
Arsenic	75-2	127.58	127.24	127.86	127.56	0.24	ppb
Barium	135-1	615.44	620.29	614.23	616.65	0.52	ppb
Barium	137-1	610.21	626.68	613.45	616.78	1.41	ppb
Beryllium	9-1	127.65	125.94	124.99	126.19	1.07	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Boron	10-1	129.82	120.54	122.90	124.42	3.87	ppb
Boron	11-1	122.07	123.39	123.17	122.88	0.58	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	125.69	123.75	122.89	124.11	1.16	ppb
Cadmium	106-1	125.90	125.48	122.87	124.75	1.32	ppb
Cadmium	108-1	124.83	125.46	125.17	125.15	0.25	ppb
Calcium	43-1	12660.87	12842.19	12893.73	12798.93	0.96	ppb
Calcium	44-1	12868.59	12873.05	12748.28	12829.98	0.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	128.20	129.11	126.72	128.01	0.94	ppb
Cobalt	59-2	127.14	129.09	127.26	127.83	0.85	ppb
Copper	63-2	1214.76	1237.66	1210.94	1221.12	1.18	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				96		%
Indium	115-2				95		%
Iron	56-2	6403.79	6422.41	6285.11	6370.44	1.17	ppb
Iron	57-2	6363.60	6366.04	6306.68	6345.44	0.53	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:15:53	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	6493.41	6612.51	6371.63	6492.52	1.86	ppb
Krypton	83-1						cps
Lead	206-1	576.26	560.28	583.34	573.30	2.06	ppb
Lead	207-1	566.02	550.52	562.37	559.64	1.45	ppb
Lead	208-1	565.43	556.97	564.56	562.32	0.83	ppb
Lithium	6-1				100		%
Magnesium	24-2	13100.22	13071.24	12776.90	12982.78	1.38	ppb
Manganese	55-2	1266.92	1283.82	1265.96	1272.23	0.79	ppb
Molybdenum	94-1	614.86	605.66	616.87	612.46	0.98	ppb
Molybdenum	95-1	612.82	601.19	619.44	611.15	1.51	ppb
Molybdenum	96-1	613.28	594.79	615.12	607.73	1.85	ppb
Molybdenum	97-1	609.92	609.71	613.00	610.88	0.30	ppb
Molybdenum	98-1	615.85	604.14	624.77	614.92	1.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	129.37	128.40	127.46	128.41	0.74	ppb
Phosphorus	31-2	2529.19	2605.82	2561.94	2565.65	1.50	ppb
Potassium	39-2	6785.58	6729.45	6729.98	6748.34	0.48	ppb
Rhodium	103-1				97		%
Rhodium	103-2				95		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	82-1	124.74	120.78	126.27	123.93	2.29	ppb
Selenium	77-2	123.69	131.23	125.12	126.68	3.16	ppb
Selenium	78-2	126.52	126.99	125.85	126.45	0.45	ppb
Silicon	28-1	140.50	133.17	136.13	136.60	2.70	ppb
Silver	107-1	121.89	123.25	121.50	122.21	0.75	ppb
Silver	109-1	126.11	124.18	122.24	124.18	1.56	ppb
Sodium	23-2	13418.15	13392.00	12921.95	13244.03	2.11	ppb
Strontium	86-1	1228.35	1246.59	1248.05	1240.99	0.88	ppb
Strontium	88-1	1250.85	1233.15	1245.97	1243.32	0.74	ppb
Sulfur	34-1	3636.06	2740.28	2119.93	2832.09	26.91	ppb
Terbium	159-1				99		%
Terbium	159-2				100		%
Thallium	203-1	118.85	118.76	122.45	120.02	1.75	ppb
Thallium	205-1	116.27	114.94	119.13	116.78	1.83	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:15:53	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	107.62	106.23	107.04	106.96	0.65	ppb
Tin	118-1	123.91	125.32	123.40	124.21	0.80	ppb
Titanium	47-1	614.53	603.15	618.96	612.21	1.33	ppb
Uranium	238-1	110.65	109.37	110.57	110.20	0.65	ppb
Vanadium	51-2	124.72	126.70	125.64	125.69	0.79	ppb
Yttrium	89-1				100		%
Yttrium	89-2				96		%
Zinc	66-2	1221.24	1250.29	1220.55	1230.69	1.38	ppb
Zirconium	90-1	121.78	120.07	122.44	121.43	1.01	ppb
Zirconium	91-1	124.90	123.85	125.43	124.73	0.65	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:18:59	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4713.26	4684.51	4714.38	4704.05	0.36	ppb
Antimony	121-1	247.62	239.52	241.18	242.77	1.76	ppb
Arsenic	75-2	253.92	253.53	257.94	255.13	0.96	ppb
Barium	135-1	1238.73	1206.97	1221.15	1222.28	1.30	ppb
Barium	137-1	1239.88	1208.96	1218.14	1222.33	1.30	ppb
Beryllium	9-1	254.55	260.09	256.32	256.99	1.10	ppb
Bismuth	209-1				96		%
Bismuth	209-2				97		%
Boron	10-1	247.42	260.41	254.33	254.05	2.56	ppb
Boron	11-1	247.61	253.27	253.43	251.44	1.32	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	254.51	245.77	246.36	248.88	1.96	ppb
Cadmium	106-1	255.65	248.91	244.64	249.73	2.22	ppb
Cadmium	108-1	248.88	238.08	251.94	246.30	2.96	ppb
Calcium	43-1	25701.58	25286.90	25368.82	25452.43	0.86	ppb
Calcium	44-1	24781.76	24557.74	24386.26	24575.25	0.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	252.92	253.56	255.77	254.08	0.59	ppb
Cobalt	59-2	256.75	256.11	252.98	255.28	0.79	ppb
Copper	63-2	2547.79	2575.40	2519.66	2547.61	1.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				100		%
Indium	115-1				95		%
Indium	115-2				94		%
Iron	56-2	12688.46	12858.45	12690.37	12745.76	0.77	ppb
Iron	57-2	12583.11	12740.09	12760.48	12694.56	0.76	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:18:59	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	13089.64	13307.15	12997.09	13131.29	1.21	ppb
Krypton	83-1						cps
Lead	206-1	1175.01	1162.72	1165.77	1167.84	0.55	ppb
Lead	207-1	1149.54	1128.18	1137.61	1138.44	0.94	ppb
Lead	208-1	1197.48	1166.16	1188.84	1184.16	1.37	ppb
Lithium	6-1				97		%
Magnesium	24-2	25474.79	25397.36	25178.59	25350.25	0.61	ppb
Manganese	55-2	2564.62	2616.77	2523.12	2568.17	1.83	ppb
Molybdenum	94-1	1251.66	1266.05	1216.44	1244.72	2.05	ppb
Molybdenum	95-1	1274.28	1258.84	1224.73	1252.62	2.02	ppb
Molybdenum	96-1	1256.08	1242.74	1220.57	1239.80	1.45	ppb
Molybdenum	97-1	1232.37	1241.52	1214.46	1229.45	1.12	ppb
Molybdenum	98-1	1256.02	1257.20	1225.27	1246.16	1.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	256.40	262.00	251.09	256.50	2.13	ppb
Phosphorus	31-2	5073.73	5004.18	5053.79	5043.90	0.71	ppb
Potassium	39-2	12812.48	12742.69	12869.30	12808.16	0.50	ppb
Rhodium	103-1				95		%
Rhodium	103-2				94		%
Scandium	45-1				98		%
Scandium	45-2				96		%
Selenium	82-1	253.13	255.22	248.91	252.42	1.27	ppb
Selenium	77-2	258.82	258.79	247.18	254.93	2.63	ppb
Selenium	78-2	255.98	261.10	259.25	258.77	1.00	ppb
Silicon	28-1	254.35	249.07	245.26	249.56	1.83	ppb
Silver	107-1	250.75	243.11	241.28	245.05	2.05	ppb
Silver	109-1	250.33	242.83	244.29	245.82	1.62	ppb
Sodium	23-2	26598.51	26013.80	25748.77	26120.36	1.66	ppb
Strontium	86-1	2508.87	2533.33	2465.13	2502.44	1.38	ppb
Strontium	88-1	2501.30	2567.95	2480.45	2516.56	1.82	ppb
Sulfur	34-1	5871.77	4146.03	4382.15	4799.98	19.49	ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	248.97	242.46	247.62	246.35	1.40	ppb
Thallium	205-1	241.94	238.34	240.00	240.10	0.75	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:18:59	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	221.64	217.96	220.44	220.01	0.85	ppb
Tin	118-1	253.98	242.76	243.73	246.82	2.52	ppb
Titanium	47-1	1258.68	1216.96	1236.37	1237.34	1.69	ppb
Uranium	238-1	226.99	223.29	227.60	225.96	1.03	ppb
Vanadium	51-2	253.03	254.05	254.79	253.96	0.35	ppb
Yttrium	89-1				98		%
Yttrium	89-2				96		%
Zinc	66-2	2481.10	2482.95	2464.05	2476.03	0.42	ppb
Zirconium	90-1	244.37	250.24	243.30	245.97	1.52	ppb
Zirconium	91-1	247.51	253.78	244.14	248.48	1.97	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:22:15	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9333.98	9147.03	9140.99	9207.33	1.19	ppb
Antimony	121-1	483.84	488.41	495.62	489.29	1.21	ppb
Arsenic	75-2	503.30	508.93	504.91	505.71	0.57	ppb
Barium	135-1	2418.25	2459.03	2464.42	2447.23	1.03	ppb
Barium	137-1	2434.23	2468.04	2442.39	2448.22	0.72	ppb
Beryllium	9-1	504.76	502.35	496.04	501.05	0.90	ppb
Bismuth	209-1				96		%
Bismuth	209-2				96		%
Boron	10-1	500.57	508.67	494.88	501.37	1.38	ppb
Boron	11-1	503.51	500.36	502.01	501.96	0.31	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	501.80	504.58	494.86	500.41	1.00	ppb
Cadmium	106-1	502.25	498.12	499.54	499.97	0.42	ppb
Cadmium	108-1	492.48	499.10	501.20	497.59	0.92	ppb
Calcium	43-1	50888.15	50624.61	49622.49	50378.42	1.33	ppb
Calcium	44-1	49244.33	47903.94	48530.23	48559.50	1.38	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	505.36	507.28	504.26	505.63	0.30	ppb
Cobalt	59-2	505.81	502.99	500.40	503.07	0.54	ppb
Copper	63-2	5071.53	4991.66	5030.13	5031.10	0.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				101		%
Indium	115-1				94		%
Indium	115-2				94		%
Iron	56-2	25404.06	25347.11	25069.80	25273.66	0.71	ppb
Iron	57-2	24982.67	25130.88	24899.79	25004.44	0.47	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:22:15	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	25896.14	25610.56	25782.71	25763.14	0.56	ppb
Krypton	83-1						cps
Lead	206-1	2440.31	2475.57	2493.91	2469.93	1.10	ppb
Lead	207-1	2456.09	2465.59	2456.09	2459.26	0.22	ppb
Lead	208-1	2434.91	2448.00	2453.21	2445.38	0.39	ppb
Lithium	6-1				97		%
Magnesium	24-2	50152.75	49075.92	49510.84	49579.84	1.09	ppb
Manganese	55-2	5060.10	5108.68	5057.23	5075.34	0.57	ppb
Molybdenum	94-1	2476.61	2470.54	2449.41	2465.52	0.58	ppb
Molybdenum	95-1	2477.22	2487.29	2439.87	2468.13	1.01	ppb
Molybdenum	96-1	2459.84	2508.92	2425.78	2464.84	1.70	ppb
Molybdenum	97-1	2448.28	2473.29	2476.38	2465.98	0.62	ppb
Molybdenum	98-1	2448.32	2484.74	2466.00	2466.35	0.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	506.94	506.12	502.02	505.03	0.52	ppb
Phosphorus	31-2	10217.87	9970.15	10042.39	10076.80	1.26	ppb
Potassium	39-2	25491.74	25216.13	25026.85	25244.91	0.93	ppb
Rhodium	103-1				96		%
Rhodium	103-2				94		%
Scandium	45-1				98		%
Scandium	45-2				96		%
Selenium	82-1	497.98	498.20	489.38	495.18	1.02	ppb
Selenium	77-2	503.86	511.31	494.91	503.36	1.63	ppb
Selenium	78-2	500.78	505.92	502.36	503.02	0.52	ppb
Silicon	28-1	449.65	468.92	468.34	462.30	2.37	ppb
Silver	107-1	483.79	488.20	480.54	484.18	0.79	ppb
Silver	109-1	491.32	495.89	495.49	494.23	0.51	ppb
Sodium	23-2	52179.22	51377.41	51687.10	51747.91	0.78	ppb
Strontium	86-1	4935.09	4874.19	5057.94	4955.74	1.89	ppb
Strontium	88-1	4990.25	4937.38	5009.12	4978.92	0.75	ppb
Sulfur	34-1	8984.89	8578.18	8043.51	8535.53	5.53	ppb
Terbium	159-1				99		%
Terbium	159-2				100		%
Thallium	203-1	494.48	487.90	485.89	489.43	0.92	ppb
Thallium	205-1	479.39	474.09	481.75	478.41	0.82	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:22:15	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	500.63	486.89	474.10	487.20	2.72	ppb
Tin	118-1	497.95	500.20	502.82	500.32	0.49	ppb
Titanium	47-1	2425.16	2481.08	2456.22	2454.15	1.14	ppb
Uranium	238-1	454.87	453.00	450.70	452.85	0.46	ppb
Vanadium	51-2	502.81	500.87	502.56	502.08	0.21	ppb
Yttrium	89-1				99		%
Yttrium	89-2				96		%
Zinc	66-2	4963.74	4907.45	4883.34	4918.18	0.84	ppb
Zirconium	90-1	491.48	491.07	488.89	490.48	0.28	ppb
Zirconium	91-1	491.34	498.75	498.22	496.10	0.83	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:25:15	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18332.33	18077.96	18210.44	18206.91	0.70	ppb
Antimony	121-1	1021.98	984.08	1017.21	1007.76	2.05	ppb
Arsenic	75-2	1002.99	977.35	1006.15	995.49	1.59	ppb
Barium	135-1	5172.26	4902.18	5029.07	5034.51	2.68	ppb
Barium	137-1	5145.86	4950.80	5005.31	5033.99	2.00	ppb
Beryllium	9-1	1024.99	992.41	975.27	997.56	2.53	ppb
Bismuth	209-1				93		%
Bismuth	209-2				97		%
Boron	10-1	1007.06	996.58	991.67	998.44	0.79	ppb
Boron	11-1	1013.30	999.13	984.63	999.02	1.44	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1022.69	984.16	993.67	1000.17	2.01	ppb
Cadmium	106-1	1034.98	979.94	985.62	1000.18	3.03	ppb
Cadmium	108-1	1029.43	975.27	1001.50	1002.07	2.70	ppb
Calcium	43-1	105220.02	102356.21	100644.86	102740.36	2.25	ppb
Calcium	44-1	101570.79	99235.04	97833.25	99546.36	1.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1010.73	993.02	983.30	995.68	1.40	ppb
Cobalt	59-2	1011.21	992.43	986.50	996.71	1.29	ppb
Copper	63-2	10003.15	10083.06	9841.81	9976.01	1.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				101		%
Indium	115-1				91		%
Indium	115-2				94		%
Iron	56-2	49953.03	48988.59	49603.23	49514.95	0.99	ppb
Iron	57-2	50056.50	49890.02	48775.43	49573.98	1.41	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:25:15	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	50800.32	50316.41	49363.91	50160.22	1.46	ppb
Krypton	83-1						cps
Lead	206-1	5166.06	5024.63	4937.73	5042.81	2.29	ppb
Lead	207-1	5096.16	5131.65	4944.63	5057.48	1.96	ppb
Lead	208-1	5135.56	5079.39	4942.87	5052.61	1.96	ppb
Lithium	6-1				95		%
Magnesium	24-2	98476.12	97327.87	96370.07	97391.35	1.08	ppb
Manganese	55-2	10138.02	9957.60	9728.91	9941.51	2.06	ppb
Molybdenum	94-1	5235.30	4988.21	4837.13	5020.21	4.00	ppb
Molybdenum	95-1	5128.37	5007.91	4915.15	5017.14	2.13	ppb
Molybdenum	96-1	5191.90	4997.54	4877.84	5022.42	3.16	ppb
Molybdenum	97-1	5190.29	4987.11	4894.90	5024.10	3.01	ppb
Molybdenum	98-1	5157.92	4963.72	4936.22	5019.29	2.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1004.58	992.03	989.30	995.30	0.82	ppb
Phosphorus	31-2	20053.26	19966.63	19803.85	19941.25	0.63	ppb
Potassium	39-2	49748.45	49709.86	49953.39	49803.90	0.26	ppb
Rhodium	103-1				93		%
Rhodium	103-2				94		%
Scandium	45-1				96		%
Scandium	45-2				96		%
Selenium	82-1	1025.38	1004.06	976.40	1001.95	2.45	ppb
Selenium	77-2	1012.01	980.69	997.98	996.89	1.57	ppb
Selenium	78-2	1007.05	972.00	1009.13	996.06	2.09	ppb
Silicon	28-1	1045.65	1003.99	998.05	1015.90	2.55	ppb
Silver	107-1	1038.01	991.94	998.65	1009.53	2.47	ppb
Silver	109-1	1026.95	986.91	998.24	1004.03	2.06	ppb
Sodium	23-2	102178.56	100461.23	101041.60	101227.13	0.86	ppb
Strontium	86-1	10161.38	10093.28	9812.72	10022.46	1.84	ppb
Strontium	88-1	10313.89	9967.17	9738.79	10006.62	2.89	ppb
Sulfur	34-1	22559.75	20621.22	18798.16	20659.71	9.11	ppb
Terbium	159-1				97		%
Terbium	159-2				101		%
Thallium	203-1	1038.51	1003.48	978.48	1006.82	2.99	ppb
Thallium	205-1	1042.13	1009.96	991.14	1014.41	2.54	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:25:15	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	1042.97	1011.96	994.56	1016.50	2.41	ppb
Tin	118-1	1022.18	978.48	1001.60	1000.75	2.18	ppb
Titanium	47-1	5163.67	4975.80	4943.79	5027.76	2.36	ppb
Uranium	238-1	1075.25	1026.40	993.58	1031.74	3.98	ppb
Vanadium	51-2	1011.35	987.73	994.48	997.85	1.22	ppb
Yttrium	89-1				98		%
Yttrium	89-2				97		%
Zinc	66-2	10152.90	10114.19	9880.20	10049.10	1.47	ppb
Zirconium	90-1	1024.31	1009.93	984.53	1006.26	2.00	ppb
Zirconium	91-1	1024.12	1000.01	982.97	1002.37	2.06	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:28:13	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99591.23	102462.19	99313.45	100455.62	1.74	ppb
Antimony	121-1	0.59	0.60	0.53	0.57	6.38	ppb
Arsenic	75-2	0.51	0.46	0.44	0.47	7.81	ppb
Barium	135-1	2.06	1.87	1.75	1.89	8.32	ppb
Barium	137-1	2.04	1.65	1.73	1.81	11.34	ppb
Beryllium	9-1	0.71	0.60	0.50	0.60	17.50	ppb
Bismuth	209-1				97		%
Bismuth	209-2				102		%
Boron	10-1	9.88	9.70	7.50	9.03	14.67	ppb
Boron	11-1	9.60	9.74	8.54	9.29	7.05	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.44	0.44	0.30	0.39	20.23	ppb
Cadmium	106-1	4.64	1.77	1.20	2.54	72.63	ppb
Cadmium	108-1	0.57	0.70	1.25	0.84	43.28	ppb
Calcium	43-1	518521.21	487751.32	491872.53	499381.69	3.34	ppb
Calcium	44-1	512267.16	493739.60	494729.28	500245.35	2.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.17	2.19	2.13	2.17	1.33	ppb
Cobalt	59-2	2.67	2.64	2.71	2.68	1.43	ppb
Copper	63-2	2.83	2.88	2.73	2.81	2.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				108		%
Indium	115-1				97		%
Indium	115-2				99		%
Iron	56-2	249963.62	251676.41	248520.75	250053.59	0.63	ppb
Iron	57-2	245901.51	257899.42	246415.77	250072.23	2.71	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:28:13	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	247963.10	255222.31	246371.79	249852.40	1.89	ppb
Krypton	83-1						cps
Lead	206-1	4.05	3.83	3.59	3.82	6.10	ppb
Lead	207-1	4.07	3.76	3.48	3.77	7.81	ppb
Lead	208-1	3.98	3.75	3.44	3.72	7.23	ppb
Lithium	6-1				115		%
Magnesium	24-2	502398.94	502563.21	496636.59	500532.91	0.67	ppb
Manganese	55-2	14.85	14.64	14.61	14.70	0.89	ppb
Molybdenum	94-1	2.02	1.77	1.70	1.83	9.37	ppb
Molybdenum	95-1	2.10	1.92	1.95	1.99	4.97	ppb
Molybdenum	96-1	1.77	1.52	1.41	1.57	11.65	ppb
Molybdenum	97-1	1.69	1.49	1.31	1.50	12.46	ppb
Molybdenum	98-1	1.58	1.46	1.32	1.45	8.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.93	3.28	3.16	3.12	5.62	ppb
Phosphorus	31-2	8.23	8.94	10.70	9.29	13.64	ppb
Potassium	39-2	248749.37	251831.70	249371.81	249984.29	0.65	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				106		%
Scandium	45-2				100		%
Selenium	82-1	0.75	-0.09	0.80	0.49	102.95	ppb
Selenium	77-2	0.68	0.95	0.13	0.59	70.80	ppb
Selenium	78-2	0.47	1.01	0.76	0.75	36.58	ppb
Silicon	28-1	35.17	30.85	28.55	31.52	10.66	ppb
Silver	107-1	0.35	0.32	0.31	0.33	6.85	ppb
Silver	109-1	0.36	0.36	0.27	0.33	16.11	ppb
Sodium	23-2	491815.21	507794.65	498898.04	499502.63	1.60	ppb
Strontium	86-1	7.15	6.74	6.71	6.87	3.61	ppb
Strontium	88-1	7.24	6.74	6.61	6.86	4.87	ppb
Sulfur	34-1	-4320.17	-5107.74	-5156.71	-4861.54		ppb
Terbium	159-1				102		%
Terbium	159-2				108		%
Thallium	203-1	0.34	0.27	0.23	0.28	19.48	ppb
Thallium	205-1	0.31	0.23	0.22	0.25	19.20	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:28:13	DataFile Name :	012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.28	0.26	0.22	0.25	11.87	ppb
Tin	118-1	0.31	0.30	0.28	0.30	4.74	ppb
Titanium	47-1	1.54	1.47	1.28	1.43	9.33	ppb
Uranium	238-1	0.17	0.13	0.11	0.14	21.59	ppb
Vanadium	51-2	0.21	0.20	0.20	0.21	2.29	ppb
Yttrium	89-1				105		%
Yttrium	89-2				103		%
Zinc	66-2	23.00	23.99	23.27	23.42	2.17	ppb
Zirconium	90-1	0.52	0.47	0.46	0.48	5.95	ppb
Zirconium	91-1	0.49	0.49	0.45	0.48	4.88	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	ICV04	Instrumnet Name :	P7
Client Sample ID :	ICV04	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:03:02	DataFile Name :	015ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	475.91	492.44	488.03	485.46	1.76	ppb
Antimony	121-1	183.54	189.11	191.92	188.19	2.27	ppb
Arsenic	75-2	202.66	202.42	204.95	203.35	0.68	ppb
Barium	135-1	95.70	100.35	100.24	98.76	2.68	ppb
Barium	137-1	96.56	98.56	101.74	98.95	2.64	ppb
Beryllium	9-1	94.59	94.37	95.68	94.88	0.74	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Boron	10-1	454.35	462.78	463.84	460.32	1.13	ppb
Boron	11-1	450.07	459.56	455.40	455.01	1.05	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	96.11	98.73	99.28	98.04	1.73	ppb
Cadmium	106-1	180.79	175.57	187.08	181.15	3.18	ppb
Cadmium	108-1	158.90	155.25	164.07	159.41	2.78	ppb
Calcium	43-1	2157.66	2114.40	2016.91	2096.32	3.44	ppb
Calcium	44-1	2072.06	2118.94	2081.80	2090.93	1.18	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	102.30	102.56	100.80	101.89	0.93	ppb
Cobalt	59-2	102.62	102.12	104.16	102.97	1.03	ppb
Copper	63-2	94.77	95.83	96.64	95.75	0.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	56-2	1988.57	1989.89	2003.06	1993.84	0.40	ppb
Iron	57-2	1945.48	1964.14	1974.05	1961.22	0.74	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	ICV04	Instrumnet Name :	P7
Client Sample ID :	ICV04	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:03:02	DataFile Name :	015ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2048.74	2087.94	2101.97	2079.55	1.33	ppb
Krypton	83-1						cps
Lead	206-1	211.30	215.78	214.73	213.94	1.10	ppb
Lead	207-1	195.65	198.91	195.91	196.82	0.92	ppb
Lead	208-1	200.74	205.16	201.82	202.58	1.14	ppb
Lithium	6-1				105		%
Magnesium	24-2	1124.47	1139.98	1138.10	1134.18	0.75	ppb
Manganese	55-2	99.14	99.63	100.15	99.64	0.50	ppb
Molybdenum	94-1	2548.78	2541.91	2651.74	2580.81	2.38	ppb
Molybdenum	95-1	2550.14	2577.48	2669.23	2598.95	2.40	ppb
Molybdenum	96-1	2535.90	2567.19	2658.55	2587.21	2.46	ppb
Molybdenum	97-1	2494.90	2500.98	2605.27	2533.72	2.45	ppb
Molybdenum	98-1	2516.03	2507.80	2615.36	2546.40	2.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	117.67	117.98	116.81	117.48	0.52	ppb
Phosphorus	31-2	-9.06	-16.55	-6.40	-10.67		ppb
Potassium	39-2	2062.05	2115.67	2115.10	2097.61	1.47	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				101		%
Scandium	45-2				97		%
Selenium	82-1	193.15	196.94	199.29	196.46	1.58	ppb
Selenium	77-2	193.31	193.85	207.57	198.24	4.08	ppb
Selenium	78-2	201.20	202.56	201.56	201.77	0.35	ppb
Silicon	28-1	381.04	400.48	396.92	392.81	2.63	ppb
Silver	107-1	49.00	48.81	50.56	49.46	1.94	ppb
Silver	109-1	48.23	49.81	49.80	49.28	1.84	ppb
Sodium	23-2	2070.58	2096.30	2095.47	2087.45	0.70	ppb
Strontium	86-1	4912.46	5028.33	4994.09	4978.29	1.20	ppb
Strontium	88-1	4888.08	5041.18	5139.01	5022.75	2.52	ppb
Sulfur	34-1	-4863.74	-4799.11	-5183.07	-4948.64		ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	220.90	227.06	225.55	224.50	1.43	ppb
Thallium	205-1	214.12	217.98	217.04	216.38	0.93	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	ICV04	Instrumnet Name :	P7
Client Sample ID :	ICV04	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:03:02	DataFile Name :	015ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.01	0.01	0.01	35.76	ppb
Tin	118-1	470.72	492.04	500.97	487.91	3.19	ppb
Titanium	47-1	2422.81	2420.38	2474.68	2439.29	1.26	ppb
Uranium	238-1	493.87	522.74	521.00	512.54	3.16	ppb
Vanadium	51-2	98.55	98.67	96.89	98.04	1.02	ppb
Yttrium	89-1				102		%
Yttrium	89-2				97		%
Zinc	66-2	188.76	191.92	193.12	191.27	1.18	ppb
Zirconium	90-1	471.58	483.18	488.01	480.93	1.76	ppb
Zirconium	91-1	480.60	490.97	490.45	487.34	1.20	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:23:00	DataFile Name :	017LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.17	16.54	16.44	16.71	2.36	ppb
Antimony	121-1	1.83	1.83	1.85	1.84	0.52	ppb
Arsenic	75-2	1.01	0.95	0.93	0.97	4.33	ppb
Barium	135-1	10.04	9.26	9.83	9.71	4.17	ppb
Barium	137-1	9.35	9.64	9.68	9.56	1.89	ppb
Beryllium	9-1	1.02	0.95	0.92	0.96	5.20	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Boron	10-1	24.32	23.26	24.15	23.91	2.38	ppb
Boron	11-1	21.91	22.82	23.85	22.86	4.24	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.05	0.88	1.00	0.98	9.26	ppb
Cadmium	106-1	1.41	1.18	2.50	1.70	41.70	ppb
Cadmium	108-1	0.87	1.36	0.46	0.90	50.14	ppb
Calcium	43-1	520.69	500.22	495.38	505.43	2.66	ppb
Calcium	44-1	496.56	488.84	498.53	494.64	1.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.95	2.05	1.94	1.98	2.95	ppb
Cobalt	59-2	0.98	0.95	0.99	0.97	2.55	ppb
Copper	63-2	1.77	1.77	1.80	1.78	0.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	56-2	49.25	50.15	49.35	49.59	1.00	ppb
Iron	57-2	50.17	49.38	53.39	50.98	4.16	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:23:00	DataFile Name :	017LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	47.89	52.29	52.19	50.79	4.94	ppb
Krypton	83-1						cps
Lead	206-1	0.97	1.00	0.99	0.99	1.67	ppb
Lead	207-1	0.99	1.03	1.01	1.01	1.90	ppb
Lead	208-1	0.98	0.95	0.96	0.96	2.00	ppb
Lithium	6-1				101		%
Magnesium	24-2	476.47	469.73	466.02	470.74	1.13	ppb
Manganese	55-2	1.00	0.96	1.04	1.00	4.00	ppb
Molybdenum	94-1	4.69	4.90	4.49	4.69	4.38	ppb
Molybdenum	95-1	4.86	4.67	4.57	4.70	3.13	ppb
Molybdenum	96-1	4.67	4.98	4.69	4.78	3.71	ppb
Molybdenum	97-1	4.56	4.76	4.80	4.71	2.71	ppb
Molybdenum	98-1	4.68	4.78	4.70	4.72	1.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.95	0.91	1.12	0.99	11.37	ppb
Phosphorus	31-2	-12.48	-19.23	-4.73	-12.15		ppb
Potassium	39-2	519.15	514.07	527.26	520.16	1.28	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	82-1	4.61	4.32	4.26	4.40	4.21	ppb
Selenium	77-2	3.36	4.50	4.50	4.12	15.99	ppb
Selenium	78-2	6.23	5.05	4.82	5.37	14.06	ppb
Silicon	28-1	15.21	12.07	10.42	12.56	19.35	ppb
Silver	107-1	0.89	0.87	0.93	0.89	3.04	ppb
Silver	109-1	0.94	0.88	0.97	0.93	4.79	ppb
Sodium	23-2	518.32	517.82	509.65	515.26	0.95	ppb
Strontium	86-1	1.18	1.13	1.10	1.14	3.93	ppb
Strontium	88-1	1.11	1.09	1.07	1.09	2.02	ppb
Sulfur	34-1	-309.18	-1139.09	-1045.06	-831.11		ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	0.90	0.97	0.99	0.95	4.99	ppb
Thallium	205-1	0.93	0.90	0.94	0.92	2.42	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:23:00	DataFile Name :	017LLIC.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	4.89	4.56	4.58	4.68	3.90	ppb
Titanium	47-1	5.12	5.08	4.81	5.00	3.37	ppb
Uranium	238-1	0.82	0.79	0.80	0.80	1.58	ppb
Vanadium	51-2	4.78	4.76	4.75	4.76	0.32	ppb
Yttrium	89-1				100		%
Yttrium	89-2				97		%
Zinc	66-2	1.78	1.96	1.64	1.79	8.90	ppb
Zirconium	90-1	0.88	0.88	0.83	0.87	3.57	ppb
Zirconium	91-1	1.03	0.96	0.97	0.99	4.18	ppb

LB Number : LB116918 Operator : JASWAL
 Lab Sample ID : ICB04 Instrumnet Name : P7
 Client Sample ID : ICB04 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-19 13:28:51 DataFile Name : 018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.55	-2.45	-2.26	-2.42		ppb
Antimony	121-1	0.00	0.00	0.01	0.00	377.81	ppb
Arsenic	75-2	-0.01	-0.01	0.00	-0.01		ppb
Barium	135-1	0.00	0.00	0.02	0.01	85.38	ppb
Barium	137-1	0.01	0.02	0.02	0.01	41.24	ppb
Beryllium	9-1	0.01	0.02	-0.01	0.01	142.82	ppb
Bismuth	209-1				97		%
Bismuth	209-2				96		%
Boron	10-1	1.31	1.18	0.82	1.10	23.07	ppb
Boron	11-1	0.78	1.21	1.05	1.01	21.20	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.03	0.00	-0.01	-0.01		ppb
Cadmium	106-1	-0.99	-0.41	-0.95	-0.78		ppb
Cadmium	108-1	0.02	-0.21	-0.08	-0.09		ppb
Calcium	43-1	-1.21	0.37	3.70	0.95	262.70	ppb
Calcium	44-1	1.84	-8.48	-11.34	-5.99		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.05	-0.06	-0.04		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	337.48	ppb
Copper	63-2	-0.02	-0.04	-0.02	-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				95		%
Holmium	165-2				96		%
Indium	115-1				97		%
Indium	115-2				96		%
Iron	56-2	-0.25	-0.08	-0.11	-0.15		ppb
Iron	57-2	4.96	1.75	3.57	3.43	46.91	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	ICB04	Instrumnet Name :	P7
Client Sample ID :	ICB04	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:28:51	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2.12	0.61	2.16	1.63	54.06	ppb
Krypton	83-1						cps
Lead	206-1	0.07	0.02	0.09	0.06	61.67	ppb
Lead	207-1	0.06	0.04	0.07	0.06	23.10	ppb
Lead	208-1	0.06	0.05	0.06	0.06	15.86	ppb
Lithium	6-1				100		%
Magnesium	24-2	-1.28	-1.00	-1.15	-1.14		ppb
Manganese	55-2	-0.01	0.00	-0.05	-0.02		ppb
Molybdenum	94-1	0.03	-0.01	0.01	0.01	278.48	ppb
Molybdenum	95-1	0.01	-0.01	0.02	0.01	267.44	ppb
Molybdenum	96-1	0.01	0.02	0.01	0.02	50.94	ppb
Molybdenum	97-1	0.02	0.01	0.03	0.02	58.05	ppb
Molybdenum	98-1	0.01	0.01	0.02	0.02	24.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.08	-0.03	0.02	-0.03		ppb
Phosphorus	31-2	7.18	3.26	0.84	3.76	85.16	ppb
Potassium	39-2	16.29	35.00	18.67	23.32	43.67	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	82-1	0.38	-0.03	-0.44	-0.03		ppb
Selenium	77-2	0.31	0.16	0.01	0.16	96.65	ppb
Selenium	78-2	0.05	-0.23	0.30	0.04	647.75	ppb
Silicon	28-1	37.11	28.15	32.09	32.45	13.85	ppb
Silver	107-1	0.00	0.01	0.00	0.00	88.42	ppb
Silver	109-1	0.01	0.00	0.00	0.00	192.70	ppb
Sodium	23-2	14.81	19.03	19.68	17.84	14.80	ppb
Strontium	86-1	-0.01	0.04	-0.03	0.00	8770.31	ppb
Strontium	88-1	0.02	0.01	0.02	0.02	18.27	ppb
Sulfur	34-1	904.92	-223.00	562.66	414.86	139.40	ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	0.00	-0.01	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00	313.03	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	ICB04	Instrumnet Name :	P7
Client Sample ID :	ICB04	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:28:51	DataFile Name :	018CCBE.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	0.00	0.01	0.06	0.02	131.23	ppb
Titanium	47-1	-0.02	0.17	0.24	0.13	105.88	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	448.97	ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	91.34	ppb
Yttrium	89-1				100		%
Yttrium	89-2				95		%
Zinc	66-2	-0.35	-0.35	-0.29	-0.33		ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	1215.98	ppb
Zirconium	91-1	0.02	-0.01	-0.01	0.00	4281.72	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	ICSA04	Instrumnet Name :	P7
Client Sample ID :	ICSA04	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:32:02	DataFile Name :	019ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	92995.01	92856.35	94403.79	93418.39	0.92	ppb
Antimony	121-1	1.04	1.17	1.10	1.10	5.94	ppb
Arsenic	75-2	0.58	0.51	0.51	0.53	7.80	ppb
Barium	135-1	1.39	1.45	1.34	1.39	4.06	ppb
Barium	137-1	1.35	1.39	1.38	1.38	1.36	ppb
Beryllium	9-1	0.20	0.26	0.30	0.25	18.87	ppb
Bismuth	209-1				87		%
Bismuth	209-2				84		%
Boron	10-1	1.75	1.51	1.52	1.59	8.56	ppb
Boron	11-1	1.78	1.45	1.60	1.61	10.26	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.48	0.59	0.49	0.52	11.33	ppb
Cadmium	106-1	0.43	0.38	0.10	0.30	59.32	ppb
Cadmium	108-1	13.80	14.92	13.45	14.06	5.45	ppb
Calcium	43-1	101067.96	102740.39	101100.56	101636.30	0.94	ppb
Calcium	44-1	97872.64	99669.16	97076.22	98206.01	1.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	20.87	20.94	21.16	20.99	0.72	ppb
Cobalt	59-2	1.27	1.23	1.25	1.25	1.90	ppb
Copper	63-2	7.72	7.96	7.86	7.84	1.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				90		%
Holmium	165-2				90		%
Indium	115-1				87		%
Indium	115-2				85		%
Iron	56-2	101163.73	101149.30	103599.71	101970.91	1.38	ppb
Iron	57-2	101241.32	101045.17	102422.75	101569.75	0.73	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	ICSA04	Instrumnet Name :	P7
Client Sample ID :	ICSA04	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:32:02	DataFile Name :	019ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	101084.64	101680.73	100864.47	101209.95	0.42	ppb
Krypton	83-1						cps
Lead	206-1	4.52	4.76	4.85	4.71	3.59	ppb
Lead	207-1	4.12	4.13	4.29	4.18	2.23	ppb
Lead	208-1	4.18	4.24	4.43	4.29	3.00	ppb
Lithium	6-1				89		%
Magnesium	24-2	96240.48	96417.30	95895.24	96184.34	0.28	ppb
Manganese	55-2	7.73	7.96	7.82	7.84	1.43	ppb
Molybdenum	94-1	1353.12	1360.09	1347.35	1353.52	0.47	ppb
Molybdenum	95-1	1940.73	1997.70	1965.58	1968.00	1.45	ppb
Molybdenum	96-1	1851.64	1936.19	1864.56	1884.13	2.42	ppb
Molybdenum	97-1	1899.15	1978.06	1945.56	1940.92	2.04	ppb
Molybdenum	98-1	1919.92	2003.75	1945.27	1956.31	2.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.14	6.34	6.34	6.27	1.86	ppb
Phosphorus	31-2	101444.74	102096.53	101499.91	101680.39	0.36	ppb
Potassium	39-2	98990.11	98759.02	98143.77	98630.97	0.44	ppb
Rhodium	103-1				88		%
Rhodium	103-2				86		%
Scandium	45-1				88		%
Scandium	45-2				89		%
Selenium	82-1	-0.46	-0.20	-0.43	-0.36		ppb
Selenium	77-2	3.51	2.56	4.35	3.47	25.82	ppb
Selenium	78-2	-0.08	0.14	0.00	0.02	586.49	ppb
Silicon	28-1	131.63	129.19	119.89	126.90	4.88	ppb
Silver	107-1	0.06	0.08	0.07	0.07	16.35	ppb
Silver	109-1	0.07	0.09	0.06	0.07	17.16	ppb
Sodium	23-2	105281.17	105125.93	105293.50	105233.54	0.09	ppb
Strontium	86-1	34.85	34.28	34.51	34.55	0.83	ppb
Strontium	88-1	34.56	34.59	34.72	34.63	0.24	ppb
Sulfur	34-1	136615.39	132729.01	116797.40	128713.93	8.16	ppb
Terbium	159-1				92		%
Terbium	159-2				89		%
Thallium	203-1	0.03	0.07	0.08	0.06	42.44	ppb
Thallium	205-1	0.06	0.06	0.07	0.06	5.39	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	ICSA04	Instrumnet Name :	P7
Client Sample ID :	ICSA04	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:32:02	DataFile Name :	019ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.01	0.00	0.00	103.45	ppb
Tin	118-1	0.23	0.21	0.20	0.21	8.22	ppb
Titanium	47-1	2103.09	2116.23	2047.54	2088.95	1.75	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	13.71	ppb
Vanadium	51-2	0.78	0.77	0.79	0.78	1.75	ppb
Yttrium	89-1				92		%
Yttrium	89-2				89		%
Zinc	66-2	11.58	11.03	10.64	11.09	4.28	ppb
Zirconium	90-1	0.04	0.02	0.02	0.03	38.04	ppb
Zirconium	91-1	0.03	0.03	0.02	0.03	35.19	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	ICSAB04	Instrumnet Name :	P7
Client Sample ID :	ICSAB04	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:36:36	DataFile Name :	020ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	94428.89	93869.73	91745.44	93348.02	1.52	ppb
Antimony	121-1	19.67	19.66	19.62	19.65	0.14	ppb
Arsenic	75-2	20.83	20.73	21.13	20.90	1.01	ppb
Barium	135-1	20.82	20.85	20.15	20.60	1.91	ppb
Barium	137-1	20.28	19.83	20.61	20.24	1.94	ppb
Beryllium	9-1	18.27	18.06	18.13	18.15	0.58	ppb
Bismuth	209-1				90		%
Bismuth	209-2				84		%
Boron	10-1	47.88	51.20	49.41	49.49	3.36	ppb
Boron	11-1	50.64	50.32	50.34	50.43	0.36	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	19.26	19.19	19.27	19.24	0.24	ppb
Cadmium	106-1	25.42	24.01	23.27	24.23	4.51	ppb
Cadmium	108-1	36.45	36.41	35.09	35.99	2.15	ppb
Calcium	43-1	97400.13	99044.15	101618.68	99354.32	2.14	ppb
Calcium	44-1	94996.39	94509.43	96998.64	95501.49	1.38	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	41.33	40.64	40.64	40.87	0.98	ppb
Cobalt	59-2	22.19	22.20	21.73	22.04	1.22	ppb
Copper	63-2	27.08	27.68	27.78	27.51	1.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				88		%
Indium	115-1				89		%
Indium	115-2				85		%
Iron	56-2	101592.43	101509.15	100566.57	101222.72	0.56	ppb
Iron	57-2	98988.75	101880.28	99987.64	100285.56	1.46	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	ICSAB04	Instrumnet Name :	P7
Client Sample ID :	ICSAB04	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:36:36	DataFile Name :	020ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	102065.72	101015.61	99264.90	100782.08	1.40	ppb
Krypton	83-1						cps
Lead	206-1	23.89	23.28	23.35	23.51	1.41	ppb
Lead	207-1	22.06	21.82	21.98	21.95	0.56	ppb
Lead	208-1	22.47	22.12	22.44	22.34	0.88	ppb
Lithium	6-1				88		%
Magnesium	24-2	97260.08	96016.42	93782.30	95686.27	1.84	ppb
Manganese	55-2	27.38	26.60	27.04	27.01	1.44	ppb
Molybdenum	94-1	1424.40	1415.64	1454.53	1431.52	1.43	ppb
Molybdenum	95-1	1924.12	1937.92	1990.28	1950.77	1.79	ppb
Molybdenum	96-1	1877.43	1867.24	1894.88	1879.85	0.74	ppb
Molybdenum	97-1	1941.97	1916.71	1948.29	1935.66	0.86	ppb
Molybdenum	98-1	1988.48	1905.59	1966.41	1953.49	2.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.21	26.53	26.34	26.36	0.62	ppb
Phosphorus	31-2	100852.24	100661.28	98588.31	100033.94	1.26	ppb
Potassium	39-2	97008.91	97443.03	96083.76	96845.23	0.72	ppb
Rhodium	103-1				89		%
Rhodium	103-2				86		%
Scandium	45-1				88		%
Scandium	45-2				87		%
Selenium	82-1	18.89	19.29	20.01	19.40	2.91	ppb
Selenium	77-2	28.19	22.54	21.64	24.12	14.71	ppb
Selenium	78-2	19.19	19.49	21.32	20.00	5.77	ppb
Silicon	28-1	95.38	95.14	108.29	99.60	7.55	ppb
Silver	107-1	17.42	17.67	17.82	17.63	1.14	ppb
Silver	109-1	17.65	18.03	18.23	17.97	1.63	ppb
Sodium	23-2	104603.52	106597.01	104594.54	105265.02	1.10	ppb
Strontium	86-1	82.10	83.00	85.21	83.44	1.92	ppb
Strontium	88-1	83.58	83.99	86.04	84.54	1.56	ppb
Sulfur	34-1	112796.64	112061.62	117465.75	114108.00	2.57	ppb
Terbium	159-1				96		%
Terbium	159-2				89		%
Thallium	203-1	20.09	19.95	19.62	19.89	1.22	ppb
Thallium	205-1	19.61	19.17	19.18	19.32	1.29	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	ICSAB04	Instrumnet Name :	P7
Client Sample ID :	ICSAB04	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:36:36	DataFile Name :	020ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	222.83	ppb
Tin	118-1	49.90	48.38	50.42	49.57	2.15	ppb
Titanium	47-1	2077.25	2094.52	2092.34	2088.04	0.45	ppb
Uranium	238-1	46.15	46.45	46.85	46.48	0.75	ppb
Vanadium	51-2	20.76	20.56	20.77	20.70	0.58	ppb
Yttrium	89-1				93		%
Yttrium	89-2				87		%
Zinc	66-2	30.54	30.90	31.06	30.83	0.86	ppb
Zirconium	90-1	49.36	49.93	50.34	49.88	0.99	ppb
Zirconium	91-1	50.09	51.02	51.13	50.75	1.13	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	CCV14	Instrumnet Name :	P7
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:39:43	DataFile Name :	021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49228.38	48457.40	49145.66	48943.81	0.86	ppb
Antimony	121-1	481.25	491.65	480.58	484.49	1.28	ppb
Arsenic	75-2	534.04	542.29	534.33	536.89	0.87	ppb
Barium	135-1	2361.16	2452.11	2370.72	2394.66	2.09	ppb
Barium	137-1	2388.85	2472.35	2401.23	2420.81	1.86	ppb
Beryllium	9-1	480.75	477.31	482.69	480.25	0.57	ppb
Bismuth	209-1				92		%
Bismuth	209-2				91		%
Boron	10-1	485.97	483.99	495.54	488.50	1.26	ppb
Boron	11-1	493.43	490.18	496.78	493.46	0.67	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	531.67	539.54	525.91	532.37	1.29	ppb
Cadmium	106-1	516.67	541.17	524.94	527.59	2.36	ppb
Cadmium	108-1	515.32	528.25	524.85	522.81	1.28	ppb
Calcium	43-1	253814.64	256072.09	254669.77	254852.17	0.45	ppb
Calcium	44-1	247044.83	246367.52	242564.64	245325.66	0.98	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	503.44	500.96	502.62	502.34	0.25	ppb
Cobalt	59-2	498.97	500.24	505.55	501.59	0.70	ppb
Copper	63-2	5245.15	5220.71	5288.32	5251.40	0.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				96		%
Indium	115-1				91		%
Indium	115-2				89		%
Iron	56-2	124706.23	123564.70	125549.64	124606.86	0.80	ppb
Iron	57-2	122938.24	123937.97	123005.32	123293.84	0.45	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	CCV14	Instrumnet Name :	P7
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:39:43	DataFile Name :	021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	124224.32	122457.24	123058.28	123246.61	0.73	ppb
Krypton	83-1						cps
Lead	206-1	2532.29	2556.63	2537.49	2542.14	0.50	ppb
Lead	207-1	2508.41	2536.07	2527.30	2523.92	0.56	ppb
Lead	208-1	2522.30	2536.01	2527.20	2528.50	0.27	ppb
Lithium	6-1				90		%
Magnesium	24-2	259456.00	254609.78	258269.73	257445.17	0.98	ppb
Manganese	55-2	5325.93	5274.39	5343.82	5314.71	0.68	ppb
Molybdenum	94-1	2496.43	2503.84	2409.35	2469.87	2.13	ppb
Molybdenum	95-1	2512.14	2494.93	2422.54	2476.53	1.92	ppb
Molybdenum	96-1	2523.63	2514.27	2391.63	2476.51	2.97	ppb
Molybdenum	97-1	2472.78	2465.59	2341.45	2426.61	3.04	ppb
Molybdenum	98-1	2506.51	2476.40	2352.09	2445.00	3.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	509.72	508.74	509.52	509.33	0.10	ppb
Phosphorus	31-2	10105.90	9986.48	9943.86	10012.08	0.84	ppb
Potassium	39-2	128026.37	127707.35	128283.63	128005.78	0.23	ppb
Rhodium	103-1				91		%
Rhodium	103-2				90		%
Scandium	45-1				93		%
Scandium	45-2				93		%
Selenium	82-1	528.79	528.17	506.23	521.07	2.47	ppb
Selenium	77-2	543.77	554.01	534.27	544.02	1.81	ppb
Selenium	78-2	539.41	544.93	544.06	542.80	0.55	ppb
Silicon	28-1	444.73	449.40	463.22	452.45	2.12	ppb
Silver	107-1	494.76	503.51	493.68	497.32	1.08	ppb
Silver	109-1	496.19	508.68	494.77	499.88	1.53	ppb
Sodium	23-2	263188.13	259676.87	258417.84	260427.62	0.95	ppb
Strontium	86-1	4961.44	4905.33	4880.24	4915.67	0.85	ppb
Strontium	88-1	5029.01	4939.68	4822.95	4930.55	2.10	ppb
Sulfur	34-1	8232.31	8575.60	9142.63	8650.18	5.31	ppb
Terbium	159-1				97		%
Terbium	159-2				96		%
Thallium	203-1	489.32	500.43	496.32	495.36	1.13	ppb
Thallium	205-1	480.35	482.41	480.52	481.09	0.24	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	CCV14	Instrumnet Name :	P7
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:39:43	DataFile Name :	021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	503.75	510.77	505.60	506.71	0.72	ppb
Tin	118-1	484.03	496.16	486.07	488.76	1.33	ppb
Titanium	47-1	2440.43	2444.88	2467.35	2450.89	0.59	ppb
Uranium	238-1	458.50	465.66	459.03	461.06	0.87	ppb
Vanadium	51-2	506.43	505.78	507.29	506.50	0.15	ppb
Yttrium	89-1				97		%
Yttrium	89-2				93		%
Zinc	66-2	5096.47	5114.97	5112.16	5107.87	0.20	ppb
Zirconium	90-1	488.05	491.17	476.73	485.32	1.56	ppb
Zirconium	91-1	492.92	501.69	480.68	491.76	2.15	ppb

LB Number : LB116918 Operator : JASWAL
 Lab Sample ID : CCB14 Instrumnet Name : P7
 Client Sample ID : CCB14 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-19 13:47:24 DataFile Name : 022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.95	-1.19	-1.27	-1.14		ppb
Antimony	121-1	0.06	0.07	0.08	0.07	13.17	ppb
Arsenic	75-2	0.05	0.02	0.02	0.03	54.44	ppb
Barium	135-1	0.09	0.05	0.07	0.07	29.35	ppb
Barium	137-1	0.06	0.08	0.07	0.07	14.00	ppb
Beryllium	9-1	0.28	0.24	0.30	0.27	9.69	ppb
Bismuth	209-1				96		%
Bismuth	209-2				94		%
Boron	10-1	3.08	3.02	3.00	3.03	1.36	ppb
Boron	11-1	3.53	3.06	2.81	3.13	11.65	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.01	0.05	0.03	0.03	64.95	ppb
Cadmium	106-1	-1.08	-0.22	-1.71	-1.00		ppb
Cadmium	108-1	-0.01	-0.01	-0.25	-0.09		ppb
Calcium	43-1	4.59	16.24	9.59	10.14	57.64	ppb
Calcium	44-1	20.90	24.83	17.68	21.14	16.95	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.05	0.01	0.07	0.04	74.75	ppb
Cobalt	59-2	0.02	0.03	0.02	0.02	26.78	ppb
Copper	63-2	0.22	0.14	0.27	0.21	29.70	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				94		%
Holmium	165-2				96		%
Indium	115-1				96		%
Indium	115-2				95		%
Iron	56-2	7.05	6.82	6.95	6.94	1.64	ppb
Iron	57-2	8.58	8.58	10.05	9.07	9.36	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	CCB14	Instrumnet Name :	P7
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:47:24	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	4.82	4.00	9.21	6.01	46.56	ppb
Krypton	83-1						cps
Lead	206-1	0.49	0.47	0.46	0.48	3.42	ppb
Lead	207-1	0.42	0.48	0.37	0.42	13.07	ppb
Lead	208-1	0.47	0.46	0.42	0.45	5.35	ppb
Lithium	6-1				95		%
Magnesium	24-2	9.20	8.07	7.98	8.42	8.09	ppb
Manganese	55-2	0.18	0.18	0.12	0.16	20.53	ppb
Molybdenum	94-1	0.16	0.11	0.07	0.12	41.89	ppb
Molybdenum	95-1	0.08	0.09	0.14	0.10	36.19	ppb
Molybdenum	96-1	0.14	0.10	0.16	0.13	21.93	ppb
Molybdenum	97-1	0.13	0.09	0.20	0.14	40.16	ppb
Molybdenum	98-1	0.12	0.15	0.10	0.12	22.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.02	-0.05	-0.02		ppb
Phosphorus	31-2	2.62	-2.48	5.06	1.73	222.07	ppb
Potassium	39-2	125.79	104.57	107.18	112.51	10.28	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				94		%
Scandium	45-2				95		%
Selenium	82-1	0.23	0.44	0.05	0.24	80.04	ppb
Selenium	77-2	0.31	0.46	0.16	0.31	48.31	ppb
Selenium	78-2	0.35	0.19	0.02	0.19	87.24	ppb
Silicon	28-1	18.80	20.04	15.79	18.21	12.01	ppb
Silver	107-1	0.04	0.03	0.03	0.03	23.82	ppb
Silver	109-1	0.04	0.03	0.03	0.03	3.72	ppb
Sodium	23-2	163.56	153.33	152.56	156.48	3.92	ppb
Strontium	86-1	0.13	0.14	0.15	0.14	9.80	ppb
Strontium	88-1	0.12	0.13	0.12	0.12	6.65	ppb
Sulfur	34-1	-2278.27	-2309.37	-3256.18	-2614.61		ppb
Terbium	159-1				99		%
Terbium	159-2				96		%
Thallium	203-1	0.14	0.13	0.13	0.13	5.83	ppb
Thallium	205-1	0.13	0.14	0.13	0.14	3.38	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	CCB14	Instrumnet Name :	P7
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:47:24	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.04	0.04	0.04	0.04	2.73	ppb
Tin	118-1	0.04	0.05	0.04	0.05	14.93	ppb
Titanium	47-1	0.27	0.34	0.20	0.27	25.32	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	34.31	ppb
Vanadium	51-2	0.02	0.01	0.02	0.02	15.35	ppb
Yttrium	89-1				98		%
Yttrium	89-2				94		%
Zinc	66-2	0.03	-0.15	0.12	0.00		ppb
Zirconium	90-1	0.04	0.00	0.01	0.02	117.49	ppb
Zirconium	91-1	0.04	0.00	0.06	0.03	98.89	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M3704-02	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:00:55	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3485.74	3418.16	3442.65	3448.85	0.99	ppb
Antimony	121-1	378.16	387.41	379.00	381.52	1.34	ppb
Arsenic	75-2	577.75	573.57	578.02	576.45	0.43	ppb
Barium	135-1	1685.65	1707.65	1684.21	1692.50	0.78	ppb
Barium	137-1	1708.20	1710.91	1680.47	1699.86	0.99	ppb
Beryllium	9-1	344.40	344.65	339.71	342.92	0.81	ppb
Bismuth	209-1				97		%
Bismuth	209-2				95		%
Boron	10-1	988.86	994.79	1011.95	998.53	1.20	ppb
Boron	11-1	988.07	982.06	983.36	984.50	0.32	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	885.21	896.61	883.31	888.38	0.81	ppb
Cadmium	106-1	670.93	693.92	682.48	682.44	1.68	ppb
Cadmium	108-1	752.37	761.42	741.26	751.69	1.34	ppb
Calcium	43-1	9.54	22.35	27.54	19.81	46.75	ppb
Calcium	44-1	13.07	12.99	12.30	12.79	3.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	230.24	227.09	225.73	227.69	1.02	ppb
Cobalt	59-2	374.99	377.09	377.80	376.63	0.39	ppb
Copper	63-2	460.67	461.50	460.70	460.96	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				98		%
Holmium	165-2				96		%
Indium	115-1				97		%
Indium	115-2				94		%
Iron	56-2	526.73	523.56	522.64	524.31	0.41	ppb
Iron	57-2	521.40	520.23	525.60	522.41	0.54	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M3704-02	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:00:55	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	674.15	684.84	670.11	676.37	1.13	ppb
Krypton	83-1						cps
Lead	206-1	1212.60	1204.67	1222.51	1213.26	0.74	ppb
Lead	207-1	1158.96	1170.51	1169.81	1166.43	0.56	ppb
Lead	208-1	1219.62	1234.00	1243.18	1232.27	0.96	ppb
Lithium	6-1				97		%
Magnesium	24-2	3.35	3.13	3.75	3.41	9.24	ppb
Manganese	55-2	918.92	903.59	892.89	905.13	1.45	ppb
Molybdenum	94-1	148.55	152.20	151.17	150.64	1.25	ppb
Molybdenum	95-1	215.97	218.94	219.64	218.18	0.89	ppb
Molybdenum	96-1	205.07	208.85	208.84	207.59	1.05	ppb
Molybdenum	97-1	212.67	215.04	213.56	213.76	0.56	ppb
Molybdenum	98-1	214.91	220.77	215.80	217.16	1.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	993.58	995.79	996.78	995.38	0.16	ppb
Phosphorus	31-2	14.53	-8.17	-11.98	-1.87		ppb
Potassium	39-2	55.43	37.06	45.00	45.83	20.11	ppb
Rhodium	103-1				97		%
Rhodium	103-2				94		%
Scandium	45-1				95		%
Scandium	45-2				94		%
Selenium	82-1	213.17	215.21	212.86	213.75	0.60	ppb
Selenium	77-2	222.58	218.93	223.97	221.83	1.17	ppb
Selenium	78-2	219.67	221.04	216.95	219.22	0.95	ppb
Silicon	28-1	102.63	99.58	99.38	100.53	1.81	ppb
Silver	107-1	592.17	603.62	589.33	595.04	1.27	ppb
Silver	109-1	600.78	604.40	597.60	600.93	0.57	ppb
Sodium	23-2	110.90	106.95	105.88	107.91	2.45	ppb
Strontium	86-1	349.57	348.72	346.94	348.41	0.38	ppb
Strontium	88-1	355.06	359.94	353.46	356.15	0.95	ppb
Sulfur	34-1	-2839.69	-3976.19	-4807.23	-3874.37		ppb
Terbium	159-1				99		%
Terbium	159-2				96		%
Thallium	203-1	254.85	254.41	254.66	254.64	0.09	ppb
Thallium	205-1	247.20	246.82	244.49	246.17	0.60	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M3704-02	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:00:55	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.01	0.00	0.01	34.73	ppb
Tin	118-1	0.02	0.01	0.03	0.02	37.05	ppb
Titanium	47-1	0.17	0.48	0.22	0.29	57.27	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	56.53	ppb
Vanadium	51-2	1703.30	1680.95	1702.20	1695.48	0.74	ppb
Yttrium	89-1				98		%
Yttrium	89-2				94		%
Zinc	66-2	1530.63	1522.11	1507.22	1519.99	0.78	ppb
Zirconium	90-1	0.09	0.12	0.11	0.11	15.87	ppb
Zirconium	91-1	0.62	0.73	0.58	0.64	11.76	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M3704-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:04:03	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37.47	40.43	38.86	38.92	3.81	ppb
Antimony	121-1	0.09	0.10	0.10	0.10	4.61	ppb
Arsenic	75-2	0.07	0.07	0.12	0.09	35.53	ppb
Barium	135-1	0.21	0.28	0.24	0.24	14.20	ppb
Barium	137-1	0.22	0.18	0.17	0.19	14.36	ppb
Beryllium	9-1	0.23	0.24	0.22	0.23	4.71	ppb
Bismuth	209-1				96		%
Bismuth	209-2				92		%
Boron	10-1	157.72	162.23	158.11	159.35	1.57	ppb
Boron	11-1	161.77	158.88	158.16	159.60	1.20	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.14	0.13	0.06	0.11	41.20	ppb
Cadmium	106-1	-0.53	1.56	0.26	0.43	245.79	ppb
Cadmium	108-1	0.20	-0.01	0.02	0.07	161.96	ppb
Calcium	43-1	5.44	7.99	12.98	8.81	43.54	ppb
Calcium	44-1	12.29	8.06	12.06	10.80	22.05	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.18	0.17	0.18	0.17	4.19	ppb
Cobalt	59-2	0.07	0.06	0.06	0.07	6.05	ppb
Copper	63-2	0.12	0.17	0.12	0.14	22.17	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				99		%
Holmium	165-2				95		%
Indium	115-1				94		%
Indium	115-2				91		%
Iron	56-2	2.75	2.90	2.88	2.84	2.69	ppb
Iron	57-2	7.82	5.72	4.66	6.07	26.49	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M3704-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:04:03	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	3.11	2.70	2.26	2.69	15.82	ppb
Krypton	83-1						cps
Lead	206-1	0.68	0.69	0.52	0.63	15.14	ppb
Lead	207-1	0.63	0.58	0.53	0.58	8.83	ppb
Lead	208-1	0.65	0.59	0.51	0.58	12.31	ppb
Lithium	6-1				95		%
Magnesium	24-2	3.09	3.31	3.39	3.26	4.76	ppb
Manganese	55-2	0.11	0.12	0.10	0.11	9.59	ppb
Molybdenum	94-1	1.55	1.36	1.31	1.41	9.10	ppb
Molybdenum	95-1	0.08	0.06	0.05	0.06	25.43	ppb
Molybdenum	96-1	0.28	0.26	0.27	0.27	3.43	ppb
Molybdenum	97-1	0.08	0.12	0.09	0.10	21.04	ppb
Molybdenum	98-1	0.06	0.06	0.08	0.07	18.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.30	0.18	0.25	0.25	24.83	ppb
Phosphorus	31-2	-5.07	5.74	-4.92	-1.42		ppb
Potassium	39-2	113.74	119.27	122.80	118.60	3.85	ppb
Rhodium	103-1				96		%
Rhodium	103-2				94		%
Scandium	45-1				94		%
Scandium	45-2				93		%
Selenium	82-1	-0.35	-0.50	-0.64	-0.50		ppb
Selenium	77-2	0.62	0.63	0.93	0.72	24.28	ppb
Selenium	78-2	0.22	0.28	0.32	0.27	16.74	ppb
Silicon	28-1	1024.11	1020.34	1042.25	1028.90	1.14	ppb
Silver	107-1	0.16	0.16	0.15	0.15	4.47	ppb
Silver	109-1	0.13	0.12	0.12	0.12	2.96	ppb
Sodium	23-2	240.42	240.14	242.88	241.15	0.62	ppb
Strontium	86-1	0.16	-0.02	0.09	0.08	113.80	ppb
Strontium	88-1	0.07	0.08	0.07	0.07	8.78	ppb
Sulfur	34-1	-6296.46	-6637.16	-6119.96	-6351.19		ppb
Terbium	159-1				100		%
Terbium	159-2				95		%
Thallium	203-1	0.24	0.23	0.23	0.23	2.84	ppb
Thallium	205-1	0.25	0.25	0.21	0.24	9.52	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M3704-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:04:03	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.00	0.01	0.01	18.12	ppb
Tin	118-1	1296.17	1326.12	1268.48	1296.93	2.22	ppb
Titanium	47-1	78.07	79.29	78.74	78.70	0.77	ppb
Uranium	238-1	0.00	0.01	0.00	0.00	118.93	ppb
Vanadium	51-2	0.23	0.19	0.17	0.20	15.21	ppb
Yttrium	89-1				97		%
Yttrium	89-2				92		%
Zinc	66-2	0.99	0.92	1.11	1.00	9.55	ppb
Zirconium	90-1	0.95	0.99	0.87	0.94	6.31	ppb
Zirconium	91-1	0.91	0.94	0.96	0.94	2.27	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M3704-06	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:07:12	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.28	-2.19	-2.03	-2.17		ppb
Antimony	121-1	0.03	0.04	0.02	0.03	26.39	ppb
Arsenic	75-2	0.05	0.02	0.03	0.03	50.11	ppb
Barium	135-1	0.25	0.18	0.23	0.22	17.90	ppb
Barium	137-1	0.24	0.22	0.23	0.23	4.29	ppb
Beryllium	9-1	0.08	0.10	0.11	0.10	17.94	ppb
Bismuth	209-1				102		%
Bismuth	209-2				96		%
Boron	10-1	5.25	4.54	4.53	4.78	8.66	ppb
Boron	11-1	4.97	5.17	4.69	4.95	4.89	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.03	0.06	0.04	0.04	34.78	ppb
Cadmium	106-1	-2.65	0.24	-0.02	-0.81		ppb
Cadmium	108-1	-0.05	-0.05	0.06	-0.01		ppb
Calcium	43-1	92315.98	92333.73	93169.68	92606.46	0.53	ppb
Calcium	44-1	90785.29	88680.45	90667.34	90044.36	1.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.15	-0.20	-0.18	-0.18		ppb
Cobalt	59-2	0.06	0.06	0.07	0.06	7.84	ppb
Copper	63-2	0.06	0.02	0.03	0.04	63.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				98		%
Iron	56-2	2.81	2.69	2.55	2.68	4.95	ppb
Iron	57-2	296.09	331.99	321.98	316.69	5.85	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M3704-06	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:07:12	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	-16.43	-16.57	-16.24	-16.41		ppb
Krypton	83-1						cps
Lead	206-1	0.48	0.42	0.41	0.44	9.26	ppb
Lead	207-1	0.42	0.44	0.37	0.41	9.61	ppb
Lead	208-1	0.44	0.41	0.40	0.41	4.84	ppb
Lithium	6-1				101		%
Magnesium	24-2	14661.53	14675.71	14369.70	14568.98	1.19	ppb
Manganese	55-2	0.08	0.03	0.03	0.05	59.66	ppb
Molybdenum	94-1	0.74	0.72	0.78	0.75	4.21	ppb
Molybdenum	95-1	1.14	1.11	1.11	1.12	1.63	ppb
Molybdenum	96-1	1.21	1.12	1.14	1.16	4.07	ppb
Molybdenum	97-1	1.23	1.08	1.10	1.14	7.13	ppb
Molybdenum	98-1	1.22	1.22	1.11	1.18	5.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	0.01	0.02	0.03	72.21	ppb
Phosphorus	31-2	-62.29	-65.74	-66.56	-64.86		ppb
Potassium	39-2	23485.50	23721.60	23713.30	23640.13	0.57	ppb
Rhodium	103-1				104		%
Rhodium	103-2				99		%
Scandium	45-1				106		%
Scandium	45-2				103		%
Selenium	82-1	0.21	-0.39	-0.12	-0.10		ppb
Selenium	77-2	0.14	0.42	0.42	0.33	50.32	ppb
Selenium	78-2	0.45	0.60	-0.02	0.35	94.27	ppb
Silicon	28-1	-172.12	-175.72	-172.20	-173.34		ppb
Silver	107-1	0.02	0.04	0.04	0.03	32.42	ppb
Silver	109-1	0.04	0.04	0.04	0.04	9.96	ppb
Sodium	23-2	75561.72	77419.60	76555.09	76512.14	1.22	ppb
Strontium	86-1	13.90	13.50	13.96	13.79	1.83	ppb
Strontium	88-1	14.29	14.31	14.21	14.27	0.36	ppb
Sulfur	34-1	-11997.77	-10475.69	-8738.22	-10403.89		ppb
Terbium	159-1				111		%
Terbium	159-2				103		%
Thallium	203-1	0.05	0.07	0.06	0.06	15.58	ppb
Thallium	205-1	0.07	0.08	0.07	0.07	1.50	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M3704-06	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:07:12	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.01	0.00	26.90	ppb
Tin	118-1	0.00	-0.04	-0.02	-0.02		ppb
Titanium	47-1	-0.13	-0.11	-0.08	-0.10		ppb
Uranium	238-1	0.01	0.01	0.01	0.01	8.06	ppb
Vanadium	51-2	0.03	0.06	0.03	0.04	32.18	ppb
Yttrium	89-1				108		%
Yttrium	89-2				101		%
Zinc	66-2	-0.05	0.01	0.02	-0.01		ppb
Zirconium	90-1	0.01	-0.01	-0.01	0.00		ppb
Zirconium	91-1	0.02	0.00	-0.01	0.00	2454.14	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M3704-06DLX5	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	5
Date & Time Acquired ::	2021-10-19 14:10:20	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.81	-2.11	-2.05	-1.99		ppb
Antimony	121-1	0.01	0.02	0.02	0.02	24.69	ppb
Arsenic	75-2	0.00	0.02	0.01	0.01	123.13	ppb
Barium	135-1	0.11	0.05	0.12	0.09	39.16	ppb
Barium	137-1	0.06	0.04	0.04	0.05	28.70	ppb
Beryllium	9-1	0.18	0.13	0.04	0.12	61.59	ppb
Bismuth	209-1				95		%
Bismuth	209-2				92		%
Boron	10-1	4.17	3.91	2.48	3.52	25.81	ppb
Boron	11-1	3.97	3.97	4.24	4.06	3.88	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.02	0.03	0.02	0.02	31.00	ppb
Cadmium	106-1	-0.27	1.89	-0.07	0.52	231.80	ppb
Cadmium	108-1	-0.12	-0.15	-0.22	-0.16		ppb
Calcium	43-1	18526.81	18638.79	18568.86	18578.15	0.30	ppb
Calcium	44-1	18615.56	18922.08	18621.46	18719.70	0.94	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	-0.04	-0.03	-0.02		ppb
Cobalt	59-2	0.02	0.02	0.02	0.02	9.59	ppb
Copper	63-2	0.08	0.07	0.07	0.07	6.03	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				99		%
Holmium	165-2				96		%
Indium	115-1				96		%
Indium	115-2				92		%
Iron	56-2	3.02	2.64	2.50	2.72	9.90	ppb
Iron	57-2	64.50	69.09	71.68	68.42	5.31	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M3704-06DLX5	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	5
Date & Time Acquired ::	2021-10-19 14:10:20	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	-2.35	-0.76	1.47	-0.55		ppb
Krypton	83-1						cps
Lead	206-1	0.25	0.20	0.21	0.22	12.71	ppb
Lead	207-1	0.15	0.19	0.21	0.18	15.87	ppb
Lead	208-1	0.23	0.20	0.20	0.21	6.60	ppb
Lithium	6-1				93		%
Magnesium	24-2	2829.26	2844.69	2833.85	2835.93	0.28	ppb
Manganese	55-2	0.04	0.07	0.06	0.05	24.57	ppb
Molybdenum	94-1	0.13	0.24	0.23	0.20	29.97	ppb
Molybdenum	95-1	0.24	0.22	0.23	0.23	5.92	ppb
Molybdenum	96-1	0.25	0.21	0.20	0.22	13.24	ppb
Molybdenum	97-1	0.40	0.29	0.26	0.32	24.07	ppb
Molybdenum	98-1	0.24	0.26	0.29	0.27	9.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.03	0.02	0.02	10.16	ppb
Phosphorus	31-2	-12.37	-14.24	-17.84	-14.82		ppb
Potassium	39-2	5131.49	5125.55	5134.78	5130.61	0.09	ppb
Rhodium	103-1				95		%
Rhodium	103-2				93		%
Scandium	45-1				96		%
Scandium	45-2				94		%
Selenium	82-1	-0.23	0.24	-0.26	-0.08		ppb
Selenium	77-2	0.77	0.01	0.45	0.41	93.09	ppb
Selenium	78-2	0.52	0.44	0.21	0.39	40.68	ppb
Silicon	28-1	-47.07	-42.01	-44.00	-44.36		ppb
Silver	107-1	0.02	0.02	0.01	0.02	31.66	ppb
Silver	109-1	0.02	0.02	0.01	0.01	10.40	ppb
Sodium	23-2	15680.70	16035.99	15866.29	15861.00	1.12	ppb
Strontium	86-1	3.14	2.46	2.81	2.80	12.11	ppb
Strontium	88-1	2.86	2.87	2.85	2.86	0.39	ppb
Sulfur	34-1	814.31	1871.47	1890.82	1525.53	40.38	ppb
Terbium	159-1				101		%
Terbium	159-2				96		%
Thallium	203-1	0.03	0.01	0.04	0.03	44.76	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	5.74	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M3704-06DLX5	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	5
Date & Time Acquired ::	2021-10-19 14:10:20	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.01	0.00	48.72	ppb
Tin	118-1	0.03	0.03	-0.01	0.02	116.28	ppb
Titanium	47-1	0.14	-0.02	0.09	0.07	113.42	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	243.20	ppb
Vanadium	51-2	0.03	0.02	0.04	0.03	22.81	ppb
Yttrium	89-1				99		%
Yttrium	89-2				94		%
Zinc	66-2	0.95	0.76	0.59	0.77	23.98	ppb
Zirconium	90-1	0.00	-0.01	-0.01	-0.01		ppb
Zirconium	91-1	0.01	-0.01	0.01	0.00	283.26	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M3703-02	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:13:30	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3410.42	3472.35	3442.12	3441.63	0.90	ppb
Antimony	121-1	380.61	374.98	381.61	379.06	0.94	ppb
Arsenic	75-2	565.29	573.30	576.15	571.58	0.99	ppb
Barium	135-1	1682.70	1685.17	1671.96	1679.94	0.42	ppb
Barium	137-1	1700.51	1685.67	1685.21	1690.46	0.52	ppb
Beryllium	9-1	341.08	335.83	344.61	340.50	1.30	ppb
Bismuth	209-1				97		%
Bismuth	209-2				94		%
Boron	10-1	971.49	992.75	1013.64	992.63	2.12	ppb
Boron	11-1	974.02	981.84	1012.96	989.61	2.08	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	886.69	884.16	876.95	882.60	0.57	ppb
Cadmium	106-1	701.77	705.12	680.98	695.96	1.88	ppb
Cadmium	108-1	761.77	745.63	733.79	747.06	1.88	ppb
Calcium	43-1	15.28	12.46	33.51	20.42	55.99	ppb
Calcium	44-1	15.37	16.98	16.60	16.32	5.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	225.28	226.40	230.28	227.32	1.16	ppb
Cobalt	59-2	375.28	380.12	382.26	379.22	0.94	ppb
Copper	63-2	457.63	458.33	461.04	459.00	0.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				96		%
Indium	115-1				97		%
Indium	115-2				94		%
Iron	56-2	528.03	523.59	531.39	527.67	0.74	ppb
Iron	57-2	527.81	511.46	512.39	517.22	1.78	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M3703-02	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:13:30	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	666.34	676.99	662.92	668.75	1.10	ppb
Krypton	83-1						cps
Lead	206-1	1235.01	1205.81	1219.67	1220.16	1.20	ppb
Lead	207-1	1187.57	1180.82	1176.56	1181.65	0.47	ppb
Lead	208-1	1256.84	1245.04	1240.57	1247.48	0.67	ppb
Lithium	6-1				96		%
Magnesium	24-2	1.91	1.27	1.11	1.43	29.59	ppb
Manganese	55-2	903.79	907.44	898.52	903.25	0.50	ppb
Molybdenum	94-1	147.47	148.67	148.70	148.28	0.47	ppb
Molybdenum	95-1	216.85	216.24	213.11	215.40	0.93	ppb
Molybdenum	96-1	204.42	208.36	203.21	205.33	1.31	ppb
Molybdenum	97-1	210.04	214.05	213.84	212.64	1.06	ppb
Molybdenum	98-1	213.60	214.07	214.71	214.13	0.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	992.92	999.63	1003.60	998.71	0.54	ppb
Phosphorus	31-2	-11.22	0.60	-17.41	-9.35		ppb
Potassium	39-2	47.91	70.35	54.58	57.61	20.01	ppb
Rhodium	103-1				97		%
Rhodium	103-2				94		%
Scandium	45-1				95		%
Scandium	45-2				93		%
Selenium	82-1	212.55	212.93	211.14	212.21	0.44	ppb
Selenium	77-2	211.13	222.39	224.85	219.46	3.33	ppb
Selenium	78-2	215.53	219.66	223.87	219.69	1.90	ppb
Silicon	28-1	98.84	103.62	101.51	101.32	2.37	ppb
Silver	107-1	598.08	592.06	588.23	592.79	0.84	ppb
Silver	109-1	599.00	600.33	586.33	595.22	1.30	ppb
Sodium	23-2	108.90	110.59	109.65	109.71	0.77	ppb
Strontium	86-1	349.04	353.12	343.47	348.54	1.39	ppb
Strontium	88-1	352.56	363.27	354.95	356.93	1.57	ppb
Sulfur	34-1	1480.45	680.98	-543.46	539.32	189.01	ppb
Terbium	159-1				100		%
Terbium	159-2				95		%
Thallium	203-1	258.00	257.48	254.92	256.80	0.64	ppb
Thallium	205-1	249.66	246.44	247.36	247.82	0.67	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M3703-02	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:13:30	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	54.24	ppb
Tin	118-1	0.06	0.05	0.01	0.04	59.98	ppb
Titanium	47-1	0.16	0.25	0.41	0.27	45.87	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	270.95	ppb
Vanadium	51-2	1715.13	1712.54	1716.81	1714.83	0.13	ppb
Yttrium	89-1				99		%
Yttrium	89-2				93		%
Zinc	66-2	1491.43	1516.27	1518.85	1508.85	1.00	ppb
Zirconium	90-1	0.10	0.08	0.08	0.08	13.24	ppb
Zirconium	91-1	0.77	0.74	0.73	0.75	2.38	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M3703-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:16:38	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37.37	38.81	35.88	37.35	3.92	ppb
Antimony	121-1	0.11	0.12	0.11	0.11	3.03	ppb
Arsenic	75-2	0.10	0.10	0.08	0.10	11.63	ppb
Barium	135-1	0.30	0.38	0.20	0.29	31.28	ppb
Barium	137-1	0.24	0.33	0.23	0.26	20.99	ppb
Beryllium	9-1	0.25	0.33	0.29	0.29	12.44	ppb
Bismuth	209-1				95		%
Bismuth	209-2				91		%
Boron	10-1	159.29	161.00	160.89	160.39	0.60	ppb
Boron	11-1	158.32	160.51	159.68	159.50	0.69	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.15	0.14	0.12	0.14	11.86	ppb
Cadmium	106-1	1.15	-0.82	0.71	0.35	298.78	ppb
Cadmium	108-1	0.23	0.19	0.06	0.16	55.15	ppb
Calcium	43-1	18.98	2.66	5.37	9.01	97.13	ppb
Calcium	44-1	8.12	4.73	11.53	8.13	41.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.15	0.18	0.12	0.15	21.89	ppb
Cobalt	59-2	0.07	0.06	0.05	0.06	9.81	ppb
Copper	63-2	0.16	0.20	0.16	0.17	13.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				94		%
Indium	115-1				93		%
Indium	115-2				91		%
Iron	56-2	2.12	2.38	2.26	2.25	5.90	ppb
Iron	57-2	3.08	6.59	6.71	5.46	37.80	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M3703-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:16:38	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2.06	1.22	1.64	1.64	25.73	ppb
Krypton	83-1						cps
Lead	206-1	0.67	0.68	0.55	0.63	11.53	ppb
Lead	207-1	0.67	0.65	0.55	0.62	10.57	ppb
Lead	208-1	0.65	0.66	0.56	0.63	8.80	ppb
Lithium	6-1				94		%
Magnesium	24-2	0.81	1.08	1.47	1.12	29.59	ppb
Manganese	55-2	0.11	0.06	0.08	0.09	27.83	ppb
Molybdenum	94-1	1.35	1.39	1.33	1.36	2.07	ppb
Molybdenum	95-1	0.04	0.05	0.07	0.05	23.27	ppb
Molybdenum	96-1	0.24	0.20	0.27	0.24	15.07	ppb
Molybdenum	97-1	0.05	0.07	0.06	0.06	11.50	ppb
Molybdenum	98-1	0.09	0.07	0.05	0.07	25.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.32	0.27	0.27	0.29	10.11	ppb
Phosphorus	31-2	-9.85	-10.21	-6.21	-8.76		ppb
Potassium	39-2	108.81	115.32	107.06	110.40	3.94	ppb
Rhodium	103-1				95		%
Rhodium	103-2				94		%
Scandium	45-1				92		%
Scandium	45-2				92		%
Selenium	82-1	0.10	0.40	0.13	0.21	78.80	ppb
Selenium	77-2	1.24	1.23	0.61	1.03	34.79	ppb
Selenium	78-2	0.38	0.79	0.54	0.57	37.04	ppb
Silicon	28-1	1024.19	1024.92	996.60	1015.23	1.59	ppb
Silver	107-1	0.16	0.18	0.12	0.16	18.45	ppb
Silver	109-1	0.18	0.15	0.16	0.16	7.47	ppb
Sodium	23-2	234.74	236.06	231.40	234.07	1.03	ppb
Strontium	86-1	0.01	0.10	0.05	0.06	78.87	ppb
Strontium	88-1	0.05	0.08	0.06	0.06	19.29	ppb
Sulfur	34-1	-2678.24	-2488.53	-3280.20	-2815.66		ppb
Terbium	159-1				99		%
Terbium	159-2				94		%
Thallium	203-1	0.15	0.19	0.20	0.18	14.25	ppb
Thallium	205-1	0.18	0.16	0.15	0.17	7.79	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M3703-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:16:38	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.01	0.00	0.00	103.56	ppb
Tin	118-1	1293.02	1289.35	1292.35	1291.57	0.15	ppb
Titanium	47-1	81.17	79.73	80.34	80.42	0.90	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	14.39	ppb
Vanadium	51-2	0.23	0.23	0.24	0.23	2.80	ppb
Yttrium	89-1				98		%
Yttrium	89-2				93		%
Zinc	66-2	0.96	0.63	0.77	0.79	21.55	ppb
Zirconium	90-1	0.89	0.88	0.88	0.88	0.59	ppb
Zirconium	91-1	0.88	0.81	0.90	0.86	5.68	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M3703-06	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:19:48	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.54	-2.55	-2.70	-2.60		ppb
Antimony	121-1	0.03	0.02	0.03	0.02	8.74	ppb
Arsenic	75-2	0.05	0.04	0.03	0.04	30.13	ppb
Barium	135-1	0.22	0.20	0.23	0.22	6.69	ppb
Barium	137-1	0.24	0.26	0.21	0.24	9.59	ppb
Beryllium	9-1	0.15	0.08	0.14	0.13	29.66	ppb
Bismuth	209-1				101		%
Bismuth	209-2				96		%
Boron	10-1	5.98	6.00	6.56	6.18	5.26	ppb
Boron	11-1	5.17	5.28	5.53	5.33	3.49	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.08	0.07	0.03	0.06	40.61	ppb
Cadmium	106-1	-1.65	0.59	-1.50	-0.85		ppb
Cadmium	108-1	-0.01	-0.07	0.09	0.00	7237.16	ppb
Calcium	43-1	93803.43	94578.25	93354.79	93912.15	0.66	ppb
Calcium	44-1	90287.17	90826.28	91569.14	90894.20	0.71	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.22	-0.19	-0.12	-0.18		ppb
Cobalt	59-2	0.07	0.07	0.07	0.07	2.73	ppb
Copper	63-2	0.02	0.03	0.03	0.03	17.70	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				111		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				96		%
Iron	56-2	1.24	1.39	1.38	1.34	6.10	ppb
Iron	57-2	311.78	320.80	334.87	322.48	3.61	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M3703-06	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:19:48	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	-17.04	-18.59	-18.49	-18.04		ppb
Krypton	83-1						cps
Lead	206-1	0.40	0.42	0.41	0.41	2.94	ppb
Lead	207-1	0.40	0.40	0.44	0.41	4.59	ppb
Lead	208-1	0.41	0.40	0.39	0.40	2.49	ppb
Lithium	6-1				99		%
Magnesium	24-2	14901.14	14723.92	15054.65	14893.24	1.11	ppb
Manganese	55-2	0.03	0.01	0.02	0.02	39.05	ppb
Molybdenum	94-1	0.77	0.70	0.78	0.75	6.03	ppb
Molybdenum	95-1	1.08	1.11	1.12	1.10	1.80	ppb
Molybdenum	96-1	1.11	1.18	1.16	1.15	3.17	ppb
Molybdenum	97-1	1.13	1.11	1.27	1.17	7.45	ppb
Molybdenum	98-1	1.22	1.14	1.10	1.15	5.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.08	0.04	0.01	0.04	83.27	ppb
Phosphorus	31-2	-66.61	-64.83	-64.18	-65.21		ppb
Potassium	39-2	23919.72	23937.01	24374.24	24076.99	1.07	ppb
Rhodium	103-1				102		%
Rhodium	103-2				97		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	82-1	0.08	-0.30	-0.15	-0.12		ppb
Selenium	77-2	0.43	0.42	0.29	0.38	21.12	ppb
Selenium	78-2	0.38	0.17	0.39	0.31	39.18	ppb
Silicon	28-1	-173.69	-173.88	-172.44	-173.34		ppb
Silver	107-1	0.05	0.03	0.04	0.04	21.92	ppb
Silver	109-1	0.05	0.06	0.04	0.05	12.63	ppb
Sodium	23-2	77711.11	77203.71	78356.24	77757.02	0.74	ppb
Strontium	86-1	14.38	13.55	13.66	13.86	3.27	ppb
Strontium	88-1	14.24	13.91	14.05	14.07	1.15	ppb
Sulfur	34-1	-10170.74	-8502.94	-7481.35	-8718.34		ppb
Terbium	159-1				109		%
Terbium	159-2				101		%
Thallium	203-1	0.04	0.03	0.05	0.04	32.92	ppb
Thallium	205-1	0.05	0.04	0.03	0.04	21.32	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M3703-06	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:19:48	DataFile Name :	031SMPL.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	0.12	0.02	0.02	0.05	112.77	ppb
Titanium	47-1	-0.26	-0.13	-0.08	-0.16		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	101.06	ppb
Vanadium	51-2	0.08	0.08	0.08	0.08	3.08	ppb
Yttrium	89-1				108		%
Yttrium	89-2				99		%
Zinc	66-2	0.14	0.04	0.32	0.17	83.12	ppb
Zirconium	90-1	-0.01	0.00	-0.02	-0.01		ppb
Zirconium	91-1	0.00	-0.01	0.02	0.00	747.32	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M3703-06DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2021-10-19 14:22:56	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.45	-2.60	-2.39	-2.48		ppb
Antimony	121-1	0.00	0.00	0.01	0.00	71.05	ppb
Arsenic	75-2	0.03	0.01	0.02	0.02	41.30	ppb
Barium	135-1	0.08	0.10	0.10	0.09	13.35	ppb
Barium	137-1	0.12	0.07	0.09	0.09	28.14	ppb
Beryllium	9-1	2.14	0.13	0.11	0.79	147.76	ppb
Bismuth	209-1				97		%
Bismuth	209-2				91		%
Boron	10-1	4.99	4.60	5.28	4.95	6.92	ppb
Boron	11-1	4.75	5.05	4.60	4.80	4.78	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.03	0.04	0.00	0.03	91.98	ppb
Cadmium	106-1	1.43	1.04	-1.80	0.23	779.27	ppb
Cadmium	108-1	-0.12	-0.15	-0.02	-0.10		ppb
Calcium	43-1	46694.80	45990.02	46407.60	46364.14	0.76	ppb
Calcium	44-1	45463.48	44880.04	44930.70	45091.41	0.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.11	-0.12	-0.09	-0.11		ppb
Cobalt	59-2	0.03	0.03	0.03	0.03	12.15	ppb
Copper	63-2	-0.02	0.04	0.01	0.01	472.66	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				103		%
Holmium	165-2				96		%
Indium	115-1				96		%
Indium	115-2				91		%
Iron	56-2	1.64	1.65	1.66	1.65	0.81	ppb
Iron	57-2	163.27	172.64	169.11	168.34	2.81	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M3703-06DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2021-10-19 14:22:56	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	-7.04	-5.85	-8.09	-7.00		ppb
Krypton	83-1						cps
Lead	206-1	0.22	0.25	0.21	0.23	9.15	ppb
Lead	207-1	0.15	0.20	0.20	0.19	15.16	ppb
Lead	208-1	0.21	0.21	0.19	0.20	4.81	ppb
Lithium	6-1				95		%
Magnesium	24-2	7168.37	7250.91	7072.82	7164.03	1.24	ppb
Manganese	55-2	-0.04	0.02	-0.01	-0.01		ppb
Molybdenum	94-1	0.40	0.33	0.39	0.37	11.37	ppb
Molybdenum	95-1	0.60	0.58	0.61	0.60	3.05	ppb
Molybdenum	96-1	0.53	0.65	0.59	0.59	10.15	ppb
Molybdenum	97-1	0.55	0.56	0.61	0.57	4.85	ppb
Molybdenum	98-1	0.63	0.59	0.61	0.61	3.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.02	0.43	0.13	198.23	ppb
Phosphorus	31-2	-32.83	-32.26	-39.25	-34.78		ppb
Potassium	39-2	12046.54	12303.23	12254.74	12201.50	1.12	ppb
Rhodium	103-1				95		%
Rhodium	103-2				93		%
Scandium	45-1				98		%
Scandium	45-2				95		%
Selenium	82-1	-0.36	0.01	-0.35	-0.24		ppb
Selenium	77-2	0.16	0.31	0.61	0.36	63.41	ppb
Selenium	78-2	0.76	0.99	0.62	0.79	23.29	ppb
Silicon	28-1	-92.36	-90.83	-90.44	-91.21		ppb
Silver	107-1	0.02	0.02	0.02	0.02	13.71	ppb
Silver	109-1	0.01	0.03	0.01	0.02	47.92	ppb
Sodium	23-2	39379.07	40061.93	39297.80	39579.60	1.06	ppb
Strontium	86-1	6.98	6.87	6.84	6.89	1.10	ppb
Strontium	88-1	7.05	7.20	7.08	7.11	1.11	ppb
Sulfur	34-1	347.64	245.98	1261.56	618.39	90.45	ppb
Terbium	159-1				102		%
Terbium	159-2				95		%
Thallium	203-1	0.03	0.00	0.02	0.02	95.04	ppb
Thallium	205-1	0.02	0.02	0.01	0.02	16.80	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M3703-06DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2021-10-19 14:22:56	DataFile Name :	032SMPL.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	-0.02	-0.04	-0.03		ppb
Titanium	47-1	0.05	-0.02	-0.05	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	365.53	ppb
Vanadium	51-2	0.04	0.05	0.05	0.05	2.43	ppb
Yttrium	89-1				101		%
Yttrium	89-2				94		%
Zinc	66-2	2.20	2.42	2.18	2.27	6.03	ppb
Zirconium	90-1	-0.02	-0.01	-0.01	-0.01		ppb
Zirconium	91-1	0.00	0.01	0.00	0.00	77.60	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M3704-02DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2021-10-19 14:26:03	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1769.57	1742.18	1718.89	1743.55	1.45	ppb
Antimony	121-1	189.66	180.00	200.29	189.98	5.34	ppb
Arsenic	75-2	287.02	283.42	283.94	284.79	0.68	ppb
Barium	135-1	841.74	790.33	885.28	839.11	5.66	ppb
Barium	137-1	842.35	791.85	883.89	839.36	5.49	ppb
Beryllium	9-1	176.95	163.32	178.54	172.94	4.84	ppb
Bismuth	209-1				96		%
Bismuth	209-2				96		%
Boron	10-1	520.25	474.59	530.80	508.55	5.88	ppb
Boron	11-1	515.36	485.65	521.32	507.45	3.77	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	436.71	415.09	463.03	438.27	5.48	ppb
Cadmium	106-1	349.78	323.09	369.30	347.39	6.68	ppb
Cadmium	108-1	371.15	349.20	402.45	374.27	7.15	ppb
Calcium	43-1	34.90	17.13	32.36	28.13	34.16	ppb
Calcium	44-1	24.07	5.34	22.61	17.34	60.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	116.18	112.20	113.01	113.80	1.85	ppb
Cobalt	59-2	194.13	188.46	189.92	190.84	1.54	ppb
Copper	63-2	235.45	227.29	226.48	229.74	2.16	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				99		%
Holmium	165-2				97		%
Indium	115-1				99		%
Indium	115-2				94		%
Iron	56-2	269.58	263.08	260.59	264.41	1.76	ppb
Iron	57-2	263.50	260.70	262.70	262.30	0.55	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M3704-02DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2021-10-19 14:26:03	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	355.33	334.89	346.45	345.56	2.97	ppb
Krypton	83-1						cps
Lead	206-1	625.64	582.59	641.83	616.69	4.97	ppb
Lead	207-1	603.89	559.46	626.77	596.71	5.74	ppb
Lead	208-1	605.50	563.75	628.52	599.26	5.48	ppb
Lithium	6-1				98		%
Magnesium	24-2	2.05	2.40	1.61	2.02	19.73	ppb
Manganese	55-2	463.87	451.05	446.49	453.80	1.99	ppb
Molybdenum	94-1	76.98	70.50	78.33	75.27	5.56	ppb
Molybdenum	95-1	111.52	100.69	112.17	108.13	5.96	ppb
Molybdenum	96-1	107.97	97.44	108.54	104.65	5.97	ppb
Molybdenum	97-1	111.81	101.68	111.43	108.31	5.30	ppb
Molybdenum	98-1	111.49	100.98	111.84	108.10	5.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	509.30	491.38	493.76	498.15	1.95	ppb
Phosphorus	31-2	-16.29	-12.67	4.96	-8.00		ppb
Potassium	39-2	83.17	67.33	54.78	68.43	20.79	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				95		%
Scandium	45-2				93		%
Selenium	82-1	108.25	99.89	112.30	106.81	5.92	ppb
Selenium	77-2	111.36	100.43	112.33	108.04	6.12	ppb
Selenium	78-2	110.28	105.59	108.19	108.02	2.17	ppb
Silicon	28-1	61.00	29.18	64.48	51.55	37.73	ppb
Silver	107-1	296.80	277.86	313.73	296.13	6.06	ppb
Silver	109-1	292.43	278.18	312.08	294.23	5.79	ppb
Sodium	23-2	97.26	88.56	90.17	92.00	5.03	ppb
Strontium	86-1	181.18	164.69	186.74	177.54	6.46	ppb
Strontium	88-1	181.22	167.77	185.24	178.08	5.14	ppb
Sulfur	34-1	5565.20	1638.51	6008.34	4404.02	54.61	ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1	132.72	121.11	136.70	130.18	6.22	ppb
Thallium	205-1	126.46	118.06	128.02	124.18	4.32	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M3704-02DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2021-10-19 14:26:03	DataFile Name :	033SMPL.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	0.05	0.02	0.05	0.04	37.53	ppb
Titanium	47-1	0.43	0.10	0.30	0.28	59.62	ppb
Uranium	238-1	0.00	0.00	0.01	0.00	91.31	ppb
Vanadium	51-2	845.83	827.40	830.11	834.44	1.19	ppb
Yttrium	89-1				98		%
Yttrium	89-2				94		%
Zinc	66-2	773.45	755.98	754.04	761.16	1.40	ppb
Zirconium	90-1	0.06	0.04	0.05	0.05	18.34	ppb
Zirconium	91-1	0.37	0.29	0.35	0.34	12.64	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	CCV15	Instrumnet Name :	P7
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:34:47	DataFile Name :	035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49662.72	49759.52	48700.98	49374.41	1.19	ppb
Antimony	121-1	477.75	480.84	485.67	481.42	0.83	ppb
Arsenic	75-2	540.51	537.57	538.24	538.77	0.29	ppb
Barium	135-1	2363.23	2362.91	2398.54	2374.89	0.86	ppb
Barium	137-1	2394.27	2380.66	2423.91	2399.61	0.92	ppb
Beryllium	9-1	495.35	493.39	496.66	495.13	0.33	ppb
Bismuth	209-1				89		%
Bismuth	209-2				90		%
Boron	10-1	497.33	494.33	508.59	500.08	1.50	ppb
Boron	11-1	498.67	494.45	504.26	499.12	0.99	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	502.92	509.11	499.41	503.81	0.97	ppb
Cadmium	106-1	498.77	508.27	501.12	502.72	0.98	ppb
Cadmium	108-1	499.21	501.43	507.38	502.67	0.84	ppb
Calcium	43-1	254198.84	258049.30	251315.63	254521.25	1.33	ppb
Calcium	44-1	246600.03	252348.84	246526.44	248491.77	1.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	501.36	504.31	505.41	503.69	0.41	ppb
Cobalt	59-2	503.18	502.02	501.01	502.07	0.22	ppb
Copper	63-2	5467.81	5354.78	5348.77	5390.46	1.24	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				94		%
Holmium	165-2				97		%
Indium	115-1				90		%
Indium	115-2				89		%
Iron	56-2	126850.08	125023.19	126551.28	126141.52	0.78	ppb
Iron	57-2	125907.39	127055.33	124625.73	125862.82	0.97	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	CCV15	Instrumnet Name :	P7
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:34:47	DataFile Name :	035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	124013.11	125209.10	122912.93	124045.04	0.93	ppb
Krypton	83-1						cps
Lead	206-1	2600.85	2562.77	2661.01	2608.21	1.90	ppb
Lead	207-1	2594.69	2558.58	2616.08	2589.78	1.12	ppb
Lead	208-1	2587.87	2554.39	2607.62	2583.29	1.04	ppb
Lithium	6-1				97		%
Magnesium	24-2	262790.56	264317.89	262685.40	263264.62	0.35	ppb
Manganese	55-2	5291.60	5231.06	5189.36	5237.34	0.98	ppb
Molybdenum	94-1	2406.23	2431.70	2476.46	2438.13	1.46	ppb
Molybdenum	95-1	2441.78	2450.32	2517.56	2469.89	1.68	ppb
Molybdenum	96-1	2447.21	2480.65	2493.71	2473.86	0.97	ppb
Molybdenum	97-1	2395.37	2406.48	2443.21	2415.02	1.04	ppb
Molybdenum	98-1	2462.79	2427.55	2491.41	2460.58	1.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	540.96	535.09	530.92	535.65	0.94	ppb
Phosphorus	31-2	9975.44	10184.66	9977.21	10045.77	1.20	ppb
Potassium	39-2	129333.58	129479.46	128793.54	129202.19	0.28	ppb
Rhodium	103-1				92		%
Rhodium	103-2				90		%
Scandium	45-1				96		%
Scandium	45-2				92		%
Selenium	82-1	530.87	528.77	530.13	529.92	0.20	ppb
Selenium	77-2	542.10	550.64	541.52	544.75	0.94	ppb
Selenium	78-2	544.16	550.75	539.00	544.64	1.08	ppb
Silicon	28-1	467.94	478.68	476.71	474.44	1.21	ppb
Silver	107-1	486.31	495.49	496.29	492.70	1.13	ppb
Silver	109-1	502.88	501.66	499.33	501.29	0.36	ppb
Sodium	23-2	266910.66	265252.61	265117.72	265760.33	0.38	ppb
Strontium	86-1	4956.55	4905.51	4967.46	4943.17	0.67	ppb
Strontium	88-1	4963.05	4962.15	5046.29	4990.50	0.97	ppb
Sulfur	34-1	12150.00	12010.58	10993.36	11717.98	5.39	ppb
Terbium	159-1				97		%
Terbium	159-2				96		%
Thallium	203-1	497.94	502.74	508.23	502.97	1.02	ppb
Thallium	205-1	484.86	488.47	495.12	489.48	1.06	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	CCV15	Instrumnet Name :	P7
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:34:47	DataFile Name :	035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	505.36	492.56	508.26	502.06	1.66	ppb
Tin	118-1	485.01	487.42	492.13	488.19	0.74	ppb
Titanium	47-1	2509.29	2490.83	2501.32	2500.48	0.37	ppb
Uranium	238-1	456.82	453.07	464.10	458.00	1.22	ppb
Vanadium	51-2	509.64	507.96	509.47	509.03	0.18	ppb
Yttrium	89-1				98		%
Yttrium	89-2				93		%
Zinc	66-2	5234.78	5188.01	5215.59	5212.80	0.45	ppb
Zirconium	90-1	477.35	482.92	486.54	482.27	0.96	ppb
Zirconium	91-1	486.80	484.68	493.73	488.40	0.97	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	CCB15	Instrumnet Name :	P7
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:41:49	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.93	-1.52	-2.10	-1.85		ppb
Antimony	121-1	0.06	0.05	0.08	0.06	19.26	ppb
Arsenic	75-2	0.04	0.02	0.02	0.03	45.66	ppb
Barium	135-1	0.03	0.08	0.04	0.05	56.67	ppb
Barium	137-1	0.02	0.04	0.03	0.03	18.32	ppb
Beryllium	9-1	0.19	0.26	0.28	0.24	18.63	ppb
Bismuth	209-1				94		%
Bismuth	209-2				92		%
Boron	10-1	4.28	5.22	4.14	4.55	12.91	ppb
Boron	11-1	4.44	4.25	4.71	4.46	5.15	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.01	0.01	0.02	0.01	43.07	ppb
Cadmium	106-1	-1.86	0.63	0.21	-0.34		ppb
Cadmium	108-1	-0.08	-0.08	-0.15	-0.10		ppb
Calcium	43-1	2.46	3.48	20.26	8.73	114.45	ppb
Calcium	44-1	6.36	3.77	4.26	4.79	28.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.01	-0.05	-0.02		ppb
Cobalt	59-2	0.02	0.02	0.03	0.02	16.63	ppb
Copper	63-2	0.13	0.18	0.14	0.15	17.24	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				95		%
Holmium	165-2				96		%
Indium	115-1				96		%
Indium	115-2				94		%
Iron	56-2	3.97	3.87	3.99	3.95	1.64	ppb
Iron	57-2	8.49	10.07	9.09	9.22	8.64	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	CCB15	Instrumnet Name :	P7
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:41:49	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	5.93	7.66	3.67	5.76	34.74	ppb
Krypton	83-1						cps
Lead	206-1	0.44	0.36	0.43	0.41	10.78	ppb
Lead	207-1	0.37	0.40	0.41	0.39	4.47	ppb
Lead	208-1	0.39	0.39	0.37	0.39	3.12	ppb
Lithium	6-1				98		%
Magnesium	24-2	7.09	6.73	7.01	6.94	2.70	ppb
Manganese	55-2	0.10	0.15	0.10	0.11	25.28	ppb
Molybdenum	94-1	0.10	0.15	0.02	0.09	73.15	ppb
Molybdenum	95-1	0.05	0.09	0.09	0.08	30.71	ppb
Molybdenum	96-1	0.06	0.08	0.09	0.08	22.78	ppb
Molybdenum	97-1	0.11	0.11	0.07	0.10	26.49	ppb
Molybdenum	98-1	0.08	0.08	0.07	0.08	5.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.02	-0.05	-0.03		ppb
Phosphorus	31-2	1.58	0.98	-5.25	-0.90		ppb
Potassium	39-2	116.05	118.79	104.45	113.09	6.73	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				96		%
Scandium	45-2				93		%
Selenium	82-1	0.09	-0.26	0.03	-0.05		ppb
Selenium	77-2	-0.14	-0.14	0.01	-0.09		ppb
Selenium	78-2	0.64	0.81	0.25	0.57	50.28	ppb
Silicon	28-1	9.48	8.35	15.13	10.99	33.07	ppb
Silver	107-1	0.05	0.03	0.04	0.04	20.72	ppb
Silver	109-1	0.03	0.05	0.04	0.04	21.99	ppb
Sodium	23-2	146.60	141.31	136.87	141.59	3.44	ppb
Strontium	86-1	0.03	0.06	0.08	0.05	43.51	ppb
Strontium	88-1	0.09	0.08	0.09	0.09	6.19	ppb
Sulfur	34-1	-994.82	-1743.59	-876.85	-1205.09		ppb
Terbium	159-1				100		%
Terbium	159-2				95		%
Thallium	203-1	0.09	0.06	0.04	0.06	33.88	ppb
Thallium	205-1	0.07	0.06	0.07	0.07	7.26	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	CCB15	Instrumnet Name :	P7
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:41:49	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.03	0.04	0.03	0.03	10.99	ppb
Tin	118-1	0.03	0.05	0.03	0.04	25.65	ppb
Titanium	47-1	0.07	0.12	0.17	0.12	41.23	ppb
Uranium	238-1	0.01	0.01	0.00	0.01	37.51	ppb
Vanadium	51-2	0.02	0.01	0.01	0.02	23.92	ppb
Yttrium	89-1				99		%
Yttrium	89-2				93		%
Zinc	66-2	-0.07	-0.04	0.07	-0.01		ppb
Zirconium	90-1	0.02	0.01	0.02	0.02	12.39	ppb
Zirconium	91-1	0.03	0.04	0.01	0.03	41.27	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:51:07	DataFile Name :	038LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.63	19.93	19.48	19.35	3.41	ppb
Antimony	121-1	1.58	1.59	1.62	1.60	1.38	ppb
Arsenic	75-2	0.92	0.89	0.85	0.89	3.48	ppb
Barium	135-1	8.70	8.59	8.39	8.56	1.86	ppb
Barium	137-1	8.39	8.20	8.56	8.38	2.20	ppb
Beryllium	9-1	1.07	1.10	1.11	1.09	1.91	ppb
Bismuth	209-1				93		%
Bismuth	209-2				89		%
Boron	10-1	22.32	23.91	24.90	23.71	5.48	ppb
Boron	11-1	22.91	23.04	23.49	23.15	1.33	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.86	0.86	1.00	0.90	9.28	ppb
Cadmium	106-1	0.75	0.22	2.13	1.03	95.23	ppb
Cadmium	108-1	0.71	0.57	0.73	0.67	13.45	ppb
Calcium	43-1	463.73	418.56	505.24	462.51	9.37	ppb
Calcium	44-1	451.43	458.25	469.90	459.86	2.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.69	1.88	1.74	1.77	5.53	ppb
Cobalt	59-2	0.87	0.86	0.87	0.87	0.59	ppb
Copper	63-2	1.73	1.63	1.71	1.69	3.08	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				95		%
Holmium	165-2				93		%
Indium	115-1				95		%
Indium	115-2				93		%
Iron	56-2	47.76	47.31	47.56	47.54	0.47	ppb
Iron	57-2	51.24	52.77	52.67	52.23	1.64	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:51:07	DataFile Name :	038LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	48.54	46.85	48.09	47.82	1.83	ppb
Krypton	83-1						cps
Lead	206-1	1.09	1.05	1.11	1.08	2.80	ppb
Lead	207-1	1.08	0.94	1.05	1.02	6.96	ppb
Lead	208-1	1.04	1.03	1.05	1.04	0.98	ppb
Lithium	6-1				94		%
Magnesium	24-2	441.91	445.36	438.55	441.94	0.77	ppb
Manganese	55-2	0.97	0.99	0.93	0.96	2.75	ppb
Molybdenum	94-1	3.99	4.00	4.49	4.16	6.80	ppb
Molybdenum	95-1	4.04	4.10	4.31	4.15	3.44	ppb
Molybdenum	96-1	4.27	4.36	4.15	4.26	2.44	ppb
Molybdenum	97-1	4.28	4.21	4.14	4.21	1.58	ppb
Molybdenum	98-1	4.04	4.04	4.13	4.07	1.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.00	0.97	1.01	0.99	2.19	ppb
Phosphorus	31-2	-5.21	-5.31	-8.72	-6.41		ppb
Potassium	39-2	529.28	525.54	534.19	529.67	0.82	ppb
Rhodium	103-1				95		%
Rhodium	103-2				93		%
Scandium	45-1				94		%
Scandium	45-2				94		%
Selenium	82-1	3.56	4.40	4.31	4.09	11.29	ppb
Selenium	77-2	3.84	4.30	3.65	3.93	8.44	ppb
Selenium	78-2	5.15	3.42	4.86	4.48	20.78	ppb
Silicon	28-1	4.25	-2.47	13.87	5.21	157.56	ppb
Silver	107-1	0.80	0.85	0.84	0.83	3.33	ppb
Silver	109-1	0.83	0.79	0.86	0.83	3.82	ppb
Sodium	23-2	545.55	528.26	536.65	536.82	1.61	ppb
Strontium	86-1	0.85	0.99	1.04	0.96	9.88	ppb
Strontium	88-1	1.02	1.04	0.97	1.01	3.32	ppb
Sulfur	34-1	-548.11	-1222.00	778.45	-330.55		ppb
Terbium	159-1				99		%
Terbium	159-2				94		%
Thallium	203-1	0.81	0.83	0.87	0.84	3.86	ppb
Thallium	205-1	0.84	0.84	0.89	0.86	3.11	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:51:07	DataFile Name :	038LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.01	0.01	0.01	19.03	ppb
Tin	118-1	3.94	4.00	4.25	4.06	4.09	ppb
Titanium	47-1	4.40	4.35	4.58	4.44	2.78	ppb
Uranium	238-1	0.78	0.74	0.75	0.76	2.63	ppb
Vanadium	51-2	4.16	4.40	4.39	4.32	3.17	ppb
Yttrium	89-1				98		%
Yttrium	89-2				92		%
Zinc	66-2	2.52	2.57	2.65	2.58	2.43	ppb
Zirconium	90-1	0.75	0.78	0.80	0.78	3.53	ppb
Zirconium	91-1	0.74	0.83	0.86	0.81	7.66	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M3704-04DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2021-10-19 14:54:16	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.37	17.42	18.00	17.60	1.99	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	26.07	ppb
Arsenic	75-2	0.02	0.03	0.01	0.02	49.99	ppb
Barium	135-1	0.12	0.09	0.10	0.11	12.17	ppb
Barium	137-1	0.08	0.08	0.08	0.08	1.26	ppb
Beryllium	9-1	0.14	0.10	0.11	0.12	16.71	ppb
Bismuth	209-1				93		%
Bismuth	209-2				89		%
Boron	10-1	77.28	74.59	82.30	78.06	5.01	ppb
Boron	11-1	77.68	78.15	82.44	79.42	3.31	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.01	0.02	0.00	0.01	74.14	ppb
Cadmium	106-1	0.54	1.02	-0.23	0.45	141.45	ppb
Cadmium	108-1	0.00	-0.04	-0.11	-0.05		ppb
Calcium	43-1	12.90	9.69	19.46	14.01	35.55	ppb
Calcium	44-1	4.87	4.82	6.98	5.56	22.20	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.05	0.03	0.04	0.04	22.19	ppb
Cobalt	59-2	0.04	0.04	0.02	0.03	20.37	ppb
Copper	63-2	0.11	0.09	0.14	0.11	20.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				93		%
Indium	115-1				93		%
Indium	115-2				91		%
Iron	56-2	2.71	2.46	2.28	2.48	8.81	ppb
Iron	57-2	6.06	8.87	9.14	8.02	21.26	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M3704-04DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2021-10-19 14:54:16	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	3.94	1.71	-0.90	1.58	153.09	ppb
Krypton	83-1						cps
Lead	206-1	0.21	0.21	0.20	0.21	3.04	ppb
Lead	207-1	0.17	0.17	0.21	0.18	11.15	ppb
Lead	208-1	0.20	0.19	0.21	0.20	7.20	ppb
Lithium	6-1				94		%
Magnesium	24-2	7.28	6.22	5.97	6.49	10.75	ppb
Manganese	55-2	0.12	0.09	0.04	0.08	50.72	ppb
Molybdenum	94-1	0.91	0.77	0.72	0.80	12.55	ppb
Molybdenum	95-1	0.04	0.07	0.02	0.04	57.83	ppb
Molybdenum	96-1	0.15	0.16	0.17	0.16	5.77	ppb
Molybdenum	97-1	0.05	0.08	0.06	0.07	23.30	ppb
Molybdenum	98-1	0.06	0.03	0.05	0.05	35.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.16	0.13	0.16	0.15	12.72	ppb
Phosphorus	31-2	-13.79	-10.45	-4.91	-9.72		ppb
Potassium	39-2	89.51	96.24	98.25	94.67	4.84	ppb
Rhodium	103-1				95		%
Rhodium	103-2				93		%
Scandium	45-1				94		%
Scandium	45-2				94		%
Selenium	82-1	-0.27	-0.01	-0.60	-0.30		ppb
Selenium	77-2	0.16	0.62	0.31	0.37	63.63	ppb
Selenium	78-2	0.28	0.13	0.15	0.19	45.03	ppb
Silicon	28-1	457.13	461.55	482.36	467.02	2.88	ppb
Silver	107-1	0.02	0.03	0.02	0.02	9.30	ppb
Silver	109-1	0.03	0.02	0.03	0.03	10.54	ppb
Sodium	23-2	152.15	153.17	149.41	151.58	1.28	ppb
Strontium	86-1	0.02	0.10	0.20	0.10	83.77	ppb
Strontium	88-1	0.07	0.07	0.06	0.07	9.92	ppb
Sulfur	34-1	-1528.27	-1597.68	-299.67	-1141.87		ppb
Terbium	159-1				98		%
Terbium	159-2				93		%
Thallium	203-1	0.05	0.05	0.04	0.05	8.70	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	8.33	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M3704-04DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2021-10-19 14:54:16	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.01	0.01	0.01	33.64	ppb
Tin	118-1	654.09	642.42	655.35	650.62	1.10	ppb
Titanium	47-1	39.42	39.83	41.36	40.20	2.54	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	24.02	ppb
Vanadium	51-2	0.04	0.04	0.05	0.04	14.35	ppb
Yttrium	89-1				99		%
Yttrium	89-2				93		%
Zinc	66-2	1.23	1.53	1.03	1.26	19.65	ppb
Zirconium	90-1	0.47	0.44	0.48	0.46	3.86	ppb
Zirconium	91-1	0.54	0.48	0.47	0.50	8.10	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M3703-02DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2021-10-19 14:57:25	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1727.82	1769.96	1760.94	1752.91	1.27	ppb
Antimony	121-1	185.96	189.17	191.06	188.73	1.37	ppb
Arsenic	75-2	285.54	289.97	287.04	287.52	0.78	ppb
Barium	135-1	815.27	830.07	842.42	829.25	1.64	ppb
Barium	137-1	820.01	850.27	842.10	837.46	1.87	ppb
Beryllium	9-1	170.50	171.47	171.33	171.10	0.31	ppb
Bismuth	209-1				94		%
Bismuth	209-2				90		%
Boron	10-1	479.06	510.77	508.21	499.35	3.53	ppb
Boron	11-1	483.03	500.48	504.22	495.91	2.28	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	435.53	448.73	446.88	443.71	1.61	ppb
Cadmium	106-1	340.85	339.59	340.69	340.38	0.20	ppb
Cadmium	108-1	359.90	369.78	374.53	368.07	2.03	ppb
Calcium	43-1	118.40	104.17	120.07	114.21	7.65	ppb
Calcium	44-1	95.92	95.96	99.70	97.19	2.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	113.42	113.02	115.38	113.94	1.11	ppb
Cobalt	59-2	192.08	190.29	190.63	191.00	0.50	ppb
Copper	63-2	229.36	229.40	230.92	229.89	0.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				94		%
Indium	115-1				95		%
Indium	115-2				93		%
Iron	56-2	265.59	265.77	266.08	265.81	0.09	ppb
Iron	57-2	263.73	265.73	267.38	265.61	0.69	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M3703-02DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2021-10-19 14:57:25	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	339.21	339.57	344.86	341.21	0.93	ppb
Krypton	83-1						cps
Lead	206-1	615.43	606.56	608.73	610.24	0.76	ppb
Lead	207-1	584.98	580.40	582.15	582.51	0.40	ppb
Lead	208-1	592.38	586.69	587.38	588.82	0.53	ppb
Lithium	6-1				95		%
Magnesium	24-2	11.12	10.03	11.36	10.84	6.54	ppb
Manganese	55-2	454.00	453.52	457.55	455.02	0.48	ppb
Molybdenum	94-1	73.99	76.09	75.38	75.15	1.42	ppb
Molybdenum	95-1	107.71	108.94	107.98	108.21	0.60	ppb
Molybdenum	96-1	104.19	104.93	102.32	103.81	1.30	ppb
Molybdenum	97-1	106.99	110.31	104.94	107.42	2.52	ppb
Molybdenum	98-1	107.25	110.70	106.47	108.14	2.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	502.09	496.96	499.82	499.62	0.51	ppb
Phosphorus	31-2	-13.46	-6.35	4.87	-4.98		ppb
Potassium	39-2	47.60	50.75	64.24	54.20	16.31	ppb
Rhodium	103-1				95		%
Rhodium	103-2				93		%
Scandium	45-1				94		%
Scandium	45-2				93		%
Selenium	82-1	106.07	108.88	104.45	106.47	2.11	ppb
Selenium	77-2	114.64	108.13	106.64	109.80	3.88	ppb
Selenium	78-2	108.89	107.37	111.50	109.25	1.91	ppb
Silicon	28-1	45.11	42.89	45.19	44.40	2.94	ppb
Silver	107-1	288.05	292.53	295.90	292.16	1.35	ppb
Silver	109-1	292.53	299.72	298.36	296.87	1.29	ppb
Sodium	23-2	82.11	79.68	80.84	80.88	1.51	ppb
Strontium	86-1	173.68	179.70	177.38	176.92	1.72	ppb
Strontium	88-1	175.52	178.96	177.68	177.39	0.98	ppb
Sulfur	34-1	-2187.56	-2507.96	-2397.44	-2364.32		ppb
Terbium	159-1				99		%
Terbium	159-2				94		%
Thallium	203-1	127.48	128.23	128.47	128.06	0.40	ppb
Thallium	205-1	125.04	124.81	123.06	124.31	0.87	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M3703-02DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2021-10-19 14:57:25	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	55.38	ppb
Tin	118-1	0.34	0.28	0.23	0.28	19.44	ppb
Titanium	47-1	0.33	0.29	0.11	0.24	46.99	ppb
Uranium	238-1	0.00	0.01	0.00	0.00	87.30	ppb
Vanadium	51-2	841.36	828.51	829.74	833.20	0.85	ppb
Yttrium	89-1				97		%
Yttrium	89-2				92		%
Zinc	66-2	757.37	754.06	766.66	759.37	0.86	ppb
Zirconium	90-1	0.04	0.05	0.06	0.05	23.16	ppb
Zirconium	91-1	0.41	0.38	0.38	0.39	3.97	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M3703-04DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2021-10-19 15:00:34	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.03	18.67	18.28	18.66	2.02	ppb
Antimony	121-1	0.05	0.07	0.09	0.07	26.38	ppb
Arsenic	75-2	0.07	0.06	0.05	0.06	15.12	ppb
Barium	135-1	0.15	0.23	0.23	0.20	22.32	ppb
Barium	137-1	0.18	0.16	0.21	0.19	13.63	ppb
Beryllium	9-1	0.18	0.20	0.15	0.18	14.11	ppb
Bismuth	209-1				94		%
Bismuth	209-2				90		%
Boron	10-1	82.78	78.55	83.10	81.47	3.12	ppb
Boron	11-1	80.02	79.47	79.05	79.51	0.61	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.12	0.10	0.09	0.10	15.17	ppb
Cadmium	106-1	1.46	0.57	-1.23	0.26	516.96	ppb
Cadmium	108-1	-0.11	-0.12	0.04	-0.06		ppb
Calcium	43-1	9.70	13.17	15.25	12.71	22.09	ppb
Calcium	44-1	-1.17	6.10	-1.64	1.09	396.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.07	0.11	0.06	0.08	31.31	ppb
Cobalt	59-2	0.07	0.04	0.05	0.06	24.03	ppb
Copper	63-2	0.12	0.11	0.18	0.14	27.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				93		%
Indium	115-1				94		%
Indium	115-2				91		%
Iron	56-2	1.27	1.32	1.10	1.23	9.44	ppb
Iron	57-2	3.16	7.85	7.06	6.02	41.73	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M3703-04DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2021-10-19 15:00:34	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	1.18	0.02	0.75	0.65	90.33	ppb
Krypton	83-1						cps
Lead	206-1	0.45	0.44	0.42	0.44	2.84	ppb
Lead	207-1	0.44	0.44	0.39	0.43	7.20	ppb
Lead	208-1	0.45	0.43	0.41	0.43	5.14	ppb
Lithium	6-1				94		%
Magnesium	24-2	2.10	2.30	3.00	2.46	19.12	ppb
Manganese	55-2	0.09	0.07	0.08	0.08	9.61	ppb
Molybdenum	94-1	0.63	0.73	0.70	0.68	6.94	ppb
Molybdenum	95-1	0.02	0.04	0.06	0.04	49.41	ppb
Molybdenum	96-1	0.16	0.16	0.10	0.14	24.39	ppb
Molybdenum	97-1	0.03	0.05	0.06	0.05	31.28	ppb
Molybdenum	98-1	0.05	0.04	0.04	0.04	13.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.23	0.22	0.15	0.20	22.30	ppb
Phosphorus	31-2	-15.84	-4.46	-7.20	-9.17		ppb
Potassium	39-2	77.29	88.31	84.30	83.30	6.70	ppb
Rhodium	103-1				96		%
Rhodium	103-2				93		%
Scandium	45-1				94		%
Scandium	45-2				93		%
Selenium	82-1	-0.04	0.07	-0.14	-0.03		ppb
Selenium	77-2	0.17	0.01	0.01	0.06	140.04	ppb
Selenium	78-2	0.82	0.15	0.09	0.35	113.45	ppb
Silicon	28-1	472.63	466.32	440.24	459.73	3.74	ppb
Silver	107-1	0.12	0.11	0.09	0.11	13.89	ppb
Silver	109-1	0.12	0.11	0.10	0.11	7.29	ppb
Sodium	23-2	138.99	142.48	137.56	139.68	1.81	ppb
Strontium	86-1	0.21	-0.04	-0.06	0.04	408.44	ppb
Strontium	88-1	0.05	0.04	0.04	0.04	7.25	ppb
Sulfur	34-1	-2872.34	-3628.21	-3983.57	-3494.71		ppb
Terbium	159-1				100		%
Terbium	159-2				94		%
Thallium	203-1	0.13	0.14	0.14	0.14	6.47	ppb
Thallium	205-1	0.13	0.12	0.11	0.12	5.18	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M3703-04DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2021-10-19 15:00:34	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	27.88	ppb
Tin	118-1	656.86	637.28	612.28	635.47	3.52	ppb
Titanium	47-1	40.64	40.70	39.17	40.17	2.15	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.16	0.19	0.17	0.17	9.22	ppb
Yttrium	89-1				100		%
Yttrium	89-2				92		%
Zinc	66-2	3.05	2.73	2.76	2.84	6.31	ppb
Zirconium	90-1	0.46	0.41	0.44	0.43	5.87	ppb
Zirconium	91-1	0.52	0.45	0.43	0.47	9.81	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	PB139159BL	Instrumnet Name :	P7
Client Sample ID :	PB139159BL	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 15:05:27	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.59	-3.00	-2.55	-2.71		ppb
Antimony	121-1	0.01	0.01	0.01	0.01	18.24	ppb
Arsenic	75-2	0.00	0.00	-0.01	0.00		ppb
Barium	135-1	0.02	0.02	0.00	0.01	64.50	ppb
Barium	137-1	0.00	0.00	0.01	0.01	33.38	ppb
Beryllium	9-1	0.13	0.07	0.10	0.10	26.35	ppb
Bismuth	209-1				94		%
Bismuth	209-2				90		%
Boron	10-1	3.88	3.73	2.88	3.50	15.44	ppb
Boron	11-1	3.75	4.00	3.35	3.70	8.84	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.00	-0.02	0.03	0.00	755.30	ppb
Cadmium	106-1	0.21	-1.67	0.99	-0.16		ppb
Cadmium	108-1	-0.15	-0.11	-0.15	-0.13		ppb
Calcium	43-1	1.08	-2.66	8.52	2.32	245.76	ppb
Calcium	44-1	-9.50	-2.21	-14.64	-8.78		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.08	-0.03	-0.01	-0.04		ppb
Cobalt	59-2	0.01	0.00	0.01	0.01	61.43	ppb
Copper	63-2	-0.05	-0.04	-0.01	-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				94		%
Holmium	165-2				93		%
Indium	115-1				95		%
Indium	115-2				92		%
Iron	56-2	0.34	0.21	0.31	0.28	22.78	ppb
Iron	57-2	5.34	6.90	8.42	6.88	22.32	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	PB139159BL	Instrumnet Name :	P7
Client Sample ID :	PB139159BL	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 15:05:27	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	0.05	-0.75	-2.77	-1.16		ppb
Krypton	83-1						cps
Lead	206-1	0.18	0.22	0.16	0.19	15.68	ppb
Lead	207-1	0.15	0.17	0.21	0.18	18.23	ppb
Lead	208-1	0.18	0.18	0.17	0.18	2.64	ppb
Lithium	6-1				94		%
Magnesium	24-2	2.20	3.03	1.96	2.39	23.42	ppb
Manganese	55-2	0.00	-0.01	0.04	0.01	180.12	ppb
Molybdenum	94-1	0.00	0.00	0.02	0.01	185.45	ppb
Molybdenum	95-1	0.00	0.00	-0.02	-0.01		ppb
Molybdenum	96-1	0.00	0.02	-0.01	0.00	314.22	ppb
Molybdenum	97-1	0.02	0.04	0.04	0.03	39.14	ppb
Molybdenum	98-1	0.01	0.01	0.00	0.01	107.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.04	-0.01	0.01	220.77	ppb
Phosphorus	31-2	-18.23	-10.43	-9.37	-12.67		ppb
Potassium	39-2	30.29	32.49	32.39	31.72	3.91	ppb
Rhodium	103-1				95		%
Rhodium	103-2				93		%
Scandium	45-1				94		%
Scandium	45-2				93		%
Selenium	82-1	-0.08	-0.24	-0.25	-0.19		ppb
Selenium	77-2	0.01	-0.14	0.01	-0.04		ppb
Selenium	78-2	0.47	0.21	0.30	0.33	40.84	ppb
Silicon	28-1	-20.17	-15.98	-22.19	-19.44		ppb
Silver	107-1	0.02	0.00	0.01	0.01	61.06	ppb
Silver	109-1	0.02	0.01	0.02	0.01	40.73	ppb
Sodium	23-2	30.76	33.45	31.38	31.86	4.43	ppb
Strontium	86-1	-0.01	-0.03	-0.05	-0.03		ppb
Strontium	88-1	-0.01	0.00	0.00	0.00		ppb
Sulfur	34-1	-2592.32	-2063.73	-2531.61	-2395.89		ppb
Terbium	159-1				99		%
Terbium	159-2				93		%
Thallium	203-1	0.04	0.02	0.01	0.03	69.21	ppb
Thallium	205-1	0.03	0.02	0.02	0.02	42.99	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	PB139159BL	Instrumnet Name :	P7
Client Sample ID :	PB139159BL	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 15:05:27	DataFile Name :	042CCBE.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	0.12	0.04	0.04	0.07	76.87	ppb
Titanium	47-1	0.12	0.06	0.13	0.10	33.51	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.02	0.02	0.01	0.02	11.46	ppb
Yttrium	89-1				99		%
Yttrium	89-2				92		%
Zinc	66-2	-0.32	-0.28	-0.09	-0.23		ppb
Zirconium	90-1	-0.02	-0.02	0.01	-0.01		ppb
Zirconium	91-1	-0.01	-0.01	-0.02	-0.01		ppb

LB Number : LB116918 Operator : JASWAL
 Lab Sample ID : PB139160BL Instrumnet Name : P7
 Client Sample ID : PB139160BL Dilution Factor : 1
 Date & Time Acquired :: 2021-10-19 15:08:36 DataFile Name : 043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.32	-2.54	-2.94	-2.60		ppb
Antimony	121-1	0.00	-0.01	0.00	0.00	11001.28	ppb
Arsenic	75-2	0.00	-0.01	-0.01	0.00		ppb
Barium	135-1	0.02	0.01	0.00	0.01	58.49	ppb
Barium	137-1	0.02	0.00	0.02	0.02	63.57	ppb
Beryllium	9-1	0.12	0.08	0.09	0.10	17.72	ppb
Bismuth	209-1				94		%
Bismuth	209-2				91		%
Boron	10-1	2.37	2.77	2.69	2.61	8.24	ppb
Boron	11-1	2.87	3.13	2.47	2.82	11.88	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.05	0.04	0.00	0.03	88.68	ppb
Cadmium	106-1	2.81	2.56	-0.39	1.66	107.04	ppb
Cadmium	108-1	-0.11	0.03	-0.11	-0.07		ppb
Calcium	43-1	6.29	6.81	6.91	6.67	5.00	ppb
Calcium	44-1	-9.19	-7.27	-10.32	-8.92		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.07	-0.10	-0.06		ppb
Cobalt	59-2	0.00	0.01	0.01	0.01	42.52	ppb
Copper	63-2	0.00	-0.02	-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				96		%
Holmium	165-2				93		%
Indium	115-1				96		%
Indium	115-2				93		%
Iron	56-2	0.11	0.37	0.25	0.24	53.65	ppb
Iron	57-2	4.89	7.43	6.52	6.28	20.46	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	PB139160BL	Instrumnet Name :	P7
Client Sample ID :	PB139160BL	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 15:08:36	DataFile Name :	043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	-2.18	-0.38	-0.74	-1.10		ppb
Krypton	83-1						cps
Lead	206-1	0.15	0.17	0.14	0.15	10.50	ppb
Lead	207-1	0.10	0.14	0.09	0.11	21.75	ppb
Lead	208-1	0.13	0.15	0.13	0.14	10.28	ppb
Lithium	6-1				93		%
Magnesium	24-2	2.53	2.59	2.34	2.49	5.15	ppb
Manganese	55-2	0.03	0.02	0.03	0.03	18.90	ppb
Molybdenum	94-1	-0.01	-0.03	-0.03	-0.02		ppb
Molybdenum	95-1	-0.01	-0.01	0.00	-0.01		ppb
Molybdenum	96-1	0.02	0.02	0.02	0.02	20.24	ppb
Molybdenum	97-1	0.02	0.01	0.00	0.01	113.42	ppb
Molybdenum	98-1	0.00	0.02	0.00	0.01	165.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.01	-0.04	-0.01		ppb
Phosphorus	31-2	-9.31	-6.12	-9.89	-8.44		ppb
Potassium	39-2	30.66	29.39	35.03	31.69	9.33	ppb
Rhodium	103-1				96		%
Rhodium	103-2				94		%
Scandium	45-1				94		%
Scandium	45-2				93		%
Selenium	82-1	0.02	-0.85	0.15	-0.23		ppb
Selenium	77-2	0.17	0.01	0.62	0.27	118.91	ppb
Selenium	78-2	0.33	0.39	0.39	0.37	9.67	ppb
Silicon	28-1	-17.96	-19.03	-25.31	-20.77		ppb
Silver	107-1	0.01	0.01	0.01	0.01	19.81	ppb
Silver	109-1	0.01	0.01	0.01	0.01	1.46	ppb
Sodium	23-2	26.80	27.42	25.03	26.42	4.69	ppb
Strontium	86-1	-0.06	-0.02	0.04	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-1614.61	-1546.51	-2249.15	-1803.42		ppb
Terbium	159-1				99		%
Terbium	159-2				94		%
Thallium	203-1	0.01	0.02	0.00	0.01	106.74	ppb
Thallium	205-1	0.02	0.01	0.01	0.01	41.97	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	PB139160BL	Instrumnet Name :	P7
Client Sample ID :	PB139160BL	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 15:08:36	DataFile Name :	043CCBE.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	0.02	0.03	0.02	23.89	ppb
Titanium	47-1	0.02	0.20	0.21	0.14	71.97	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	27.52	ppb
Yttrium	89-1				99		%
Yttrium	89-2				92		%
Zinc	66-2	-0.17	-0.23	-0.11	-0.17		ppb
Zirconium	90-1	0.00	-0.01	0.01	0.00		ppb
Zirconium	91-1	-0.02	-0.02	0.01	-0.01		ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	PB139159BS	Instrumnet Name :	P7
Client Sample ID :	PB139159BS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 15:11:46	DataFile Name :	044LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9253.26	9425.63	9415.96	9364.95	1.03	ppb
Antimony	121-1	483.15	488.66	468.04	479.95	2.22	ppb
Arsenic	75-2	515.91	514.57	510.75	513.75	0.52	ppb
Barium	135-1	2414.92	2454.61	2350.66	2406.73	2.18	ppb
Barium	137-1	2439.21	2468.42	2367.93	2425.18	2.13	ppb
Beryllium	9-1	513.20	503.43	505.26	507.30	1.02	ppb
Bismuth	209-1				88		%
Bismuth	209-2				85		%
Boron	10-1	515.85	515.32	507.33	512.83	0.93	ppb
Boron	11-1	511.95	512.57	530.14	518.22	1.99	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	485.17	500.49	473.17	486.28	2.82	ppb
Cadmium	106-1	486.85	509.03	480.39	492.09	3.05	ppb
Cadmium	108-1	493.97	494.80	487.82	492.20	0.78	ppb
Calcium	43-1	51529.93	51800.81	51615.43	51648.72	0.27	ppb
Calcium	44-1	50717.29	51335.61	50880.46	50977.79	0.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	511.36	510.21	503.51	508.36	0.83	ppb
Cobalt	59-2	505.63	509.75	501.12	505.50	0.85	ppb
Copper	63-2	5039.43	5109.45	5095.36	5081.41	0.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				91		%
Indium	115-1				89		%
Indium	115-2				86		%
Iron	56-2	26097.15	26057.86	25479.15	25878.05	1.34	ppb
Iron	57-2	25205.29	25150.51	24781.61	25045.80	0.92	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	PB139159BS	Instrumnet Name :	P7
Client Sample ID :	PB139159BS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 15:11:46	DataFile Name :	044LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	26026.99	26062.63	25335.98	25808.53	1.59	ppb
Krypton	83-1						cps
Lead	206-1	2621.81	2698.96	2636.63	2652.47	1.54	ppb
Lead	207-1	2588.77	2629.95	2608.95	2609.22	0.79	ppb
Lead	208-1	2581.27	2611.69	2590.79	2594.58	0.60	ppb
Lithium	6-1				86		%
Magnesium	24-2	51471.01	51061.37	50763.21	51098.53	0.70	ppb
Manganese	55-2	5294.07	5231.04	5147.20	5224.10	1.41	ppb
Molybdenum	94-1	2464.10	2457.78	2424.75	2448.88	0.86	ppb
Molybdenum	95-1	2508.41	2532.24	2508.98	2516.54	0.54	ppb
Molybdenum	96-1	2504.03	2521.54	2462.25	2495.94	1.22	ppb
Molybdenum	97-1	2449.10	2430.12	2414.15	2431.13	0.72	ppb
Molybdenum	98-1	2521.07	2492.23	2477.03	2496.78	0.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	506.08	503.91	502.69	504.23	0.34	ppb
Phosphorus	31-2	10181.86	10393.93	10171.44	10249.08	1.23	ppb
Potassium	39-2	26246.58	26514.01	26544.41	26435.00	0.62	ppb
Rhodium	103-1				90		%
Rhodium	103-2				88		%
Scandium	45-1				91		%
Scandium	45-2				90		%
Selenium	82-1	497.91	487.59	491.25	492.25	1.06	ppb
Selenium	77-2	512.99	517.65	522.01	517.55	0.87	ppb
Selenium	78-2	509.75	497.97	501.01	502.91	1.22	ppb
Silicon	28-1	448.24	462.51	455.50	455.42	1.57	ppb
Silver	107-1	470.55	488.28	460.86	473.23	2.94	ppb
Silver	109-1	480.09	492.39	464.10	478.86	2.96	ppb
Sodium	23-2	52662.43	54590.08	53426.52	53559.68	1.81	ppb
Strontium	86-1	5047.52	5103.05	5081.11	5077.22	0.55	ppb
Strontium	88-1	5071.36	5104.01	5022.26	5065.88	0.81	ppb
Sulfur	34-1	11802.25	11489.16	10198.00	11163.14	7.62	ppb
Terbium	159-1				96		%
Terbium	159-2				91		%
Thallium	203-1	504.83	513.16	512.71	510.23	0.92	ppb
Thallium	205-1	491.29	496.29	492.33	493.31	0.53	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	PB139159BS	Instrumnet Name :	P7
Client Sample ID :	PB139159BS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 15:11:46	DataFile Name :	044LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	432.56	506.05	500.46	479.69	8.53	ppb
Tin	118-1	485.97	499.60	478.25	487.94	2.22	ppb
Titanium	47-1	2493.16	2502.29	2425.20	2473.55	1.70	ppb
Uranium	238-1	445.34	464.57	452.89	454.26	2.13	ppb
Vanadium	51-2	511.49	513.52	508.28	511.10	0.52	ppb
Yttrium	89-1				95		%
Yttrium	89-2				89		%
Zinc	66-2	4916.11	4933.74	4887.25	4912.37	0.48	ppb
Zirconium	90-1	485.72	478.21	482.72	482.22	0.78	ppb
Zirconium	91-1	485.51	487.91	481.74	485.06	0.64	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	PB139160BS	Instrumnet Name :	P7
Client Sample ID :	PB139160BS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 15:14:47	DataFile Name :	045DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9299.53	9266.79	9359.64	9308.65	0.51	ppb
Antimony	121-1	468.65	467.74	477.38	471.26	1.13	ppb
Arsenic	75-2	512.50	516.05	508.36	512.31	0.75	ppb
Barium	135-1	2359.11	2384.56	2370.86	2371.51	0.54	ppb
Barium	137-1	2392.83	2398.31	2387.85	2393.00	0.22	ppb
Beryllium	9-1	502.12	499.51	504.06	501.90	0.46	ppb
Bismuth	209-1				87		%
Bismuth	209-2				84		%
Boron	10-1	500.49	516.30	515.50	510.76	1.74	ppb
Boron	11-1	513.38	515.66	513.14	514.06	0.27	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	478.57	481.08	485.37	481.68	0.71	ppb
Cadmium	106-1	480.76	476.90	480.81	479.49	0.47	ppb
Cadmium	108-1	490.15	483.37	485.35	486.29	0.72	ppb
Calcium	43-1	50098.47	51182.87	50879.66	50720.33	1.10	ppb
Calcium	44-1	50313.51	49946.18	49510.43	49923.38	0.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	502.15	506.30	509.51	505.99	0.73	ppb
Cobalt	59-2	498.93	508.00	509.38	505.44	1.12	ppb
Copper	63-2	4988.02	5171.42	5185.54	5114.99	2.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				91		%
Holmium	165-2				90		%
Indium	115-1				89		%
Indium	115-2				86		%
Iron	56-2	25575.40	26022.01	26181.39	25926.27	1.21	ppb
Iron	57-2	24757.17	25086.16	25609.95	25151.09	1.71	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	PB139160BS	Instrumnet Name :	P7
Client Sample ID :	PB139160BS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 15:14:47	DataFile Name :	045DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	25409.27	25674.21	25875.04	25652.84	0.91	ppb
Krypton	83-1						cps
Lead	206-1	2646.66	2570.57	2632.18	2616.47	1.54	ppb
Lead	207-1	2583.89	2577.70	2576.41	2579.33	0.16	ppb
Lead	208-1	2589.60	2579.56	2588.41	2585.86	0.21	ppb
Lithium	6-1				86		%
Magnesium	24-2	50880.55	51070.66	51679.33	51210.18	0.81	ppb
Manganese	55-2	5149.25	5205.11	5244.11	5199.49	0.92	ppb
Molybdenum	94-1	2365.60	2483.00	2481.07	2443.22	2.75	ppb
Molybdenum	95-1	2463.68	2538.03	2503.45	2501.72	1.49	ppb
Molybdenum	96-1	2400.93	2556.45	2492.70	2483.36	3.15	ppb
Molybdenum	97-1	2353.47	2445.14	2390.12	2396.24	1.93	ppb
Molybdenum	98-1	2383.40	2542.90	2456.49	2460.93	3.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	494.27	509.05	511.41	504.91	1.84	ppb
Phosphorus	31-2	10122.76	10217.36	10130.15	10156.76	0.52	ppb
Potassium	39-2	25804.85	25927.05	26263.87	25998.59	0.91	ppb
Rhodium	103-1				89		%
Rhodium	103-2				87		%
Scandium	45-1				92		%
Scandium	45-2				90		%
Selenium	82-1	480.09	490.89	492.33	487.77	1.37	ppb
Selenium	77-2	505.12	514.52	498.00	505.88	1.64	ppb
Selenium	78-2	511.25	507.81	501.09	506.72	1.02	ppb
Silicon	28-1	444.95	458.98	455.52	453.15	1.61	ppb
Silver	107-1	470.71	467.52	473.86	470.70	0.67	ppb
Silver	109-1	467.93	472.76	476.34	472.34	0.89	ppb
Sodium	23-2	53219.49	52623.55	53819.94	53220.99	1.12	ppb
Strontium	86-1	4944.82	5088.81	5026.74	5020.12	1.44	ppb
Strontium	88-1	4984.68	5071.92	5085.61	5047.40	1.08	ppb
Sulfur	34-1	8208.46	8687.69	8842.83	8579.66	3.85	ppb
Terbium	159-1				96		%
Terbium	159-2				91		%
Thallium	203-1	513.44	504.51	505.47	507.81	0.97	ppb
Thallium	205-1	493.25	484.58	486.46	488.10	0.93	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	PB139160BS	Instrumnet Name :	P7
Client Sample ID :	PB139160BS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 15:14:47	DataFile Name :	045DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	506.24	432.66	473.11	470.67	7.83	ppb
Tin	118-1	481.41	472.70	487.44	480.51	1.54	ppb
Titanium	47-1	2463.79	2463.50	2439.84	2455.71	0.56	ppb
Uranium	238-1	456.40	451.19	446.27	451.28	1.12	ppb
Vanadium	51-2	503.57	508.08	510.03	507.23	0.65	ppb
Yttrium	89-1				96		%
Yttrium	89-2				89		%
Zinc	66-2	4816.60	4968.67	4957.35	4914.21	1.72	ppb
Zirconium	90-1	477.37	488.98	475.96	480.77	1.49	ppb
Zirconium	91-1	476.31	497.97	492.80	489.03	2.31	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	CCV16	Instrumnet Name :	P7
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 15:17:48	DataFile Name :	046CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48379.12	49660.41	50371.68	49470.40	2.04	ppb
Antimony	121-1	480.36	473.32	480.86	478.18	0.88	ppb
Arsenic	75-2	540.50	542.67	540.11	541.10	0.26	ppb
Barium	135-1	2371.47	2366.72	2377.05	2371.75	0.22	ppb
Barium	137-1	2416.41	2383.29	2408.27	2402.66	0.72	ppb
Beryllium	9-1	499.05	498.86	499.18	499.03	0.03	ppb
Bismuth	209-1				86		%
Bismuth	209-2				85		%
Boron	10-1	509.84	519.27	511.34	513.48	0.99	ppb
Boron	11-1	514.78	508.51	510.60	511.30	0.62	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	494.38	499.69	494.90	496.32	0.59	ppb
Cadmium	106-1	503.31	500.21	492.85	498.79	1.08	ppb
Cadmium	108-1	505.71	497.61	496.69	500.00	0.99	ppb
Calcium	43-1	250215.55	251681.89	252938.34	251611.93	0.54	ppb
Calcium	44-1	248354.20	244879.35	247628.93	246954.16	0.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	505.45	495.83	507.37	502.89	1.23	ppb
Cobalt	59-2	505.48	497.32	500.93	501.25	0.82	ppb
Copper	63-2	5344.11	5399.61	5472.94	5405.55	1.20	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				92		%
Holmium	165-2				93		%
Indium	115-1				89		%
Indium	115-2				87		%
Iron	56-2	126038.10	126678.68	129236.40	127317.73	1.33	ppb
Iron	57-2	126154.73	124044.08	124356.26	124851.69	0.91	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	CCV16	Instrumnet Name :	P7
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 15:17:48	DataFile Name :	046CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	125890.50	124655.62	125784.13	125443.42	0.55	ppb
Krypton	83-1						cps
Lead	206-1	2675.21	2620.35	2627.65	2641.07	1.13	ppb
Lead	207-1	2625.93	2635.17	2605.27	2622.12	0.58	ppb
Lead	208-1	2616.45	2614.47	2583.22	2604.71	0.72	ppb
Lithium	6-1				90		%
Magnesium	24-2	261260.56	259648.67	265346.42	262085.22	1.12	ppb
Manganese	55-2	5282.50	5256.40	5340.99	5293.30	0.82	ppb
Molybdenum	94-1	2383.19	2426.86	2490.67	2433.58	2.22	ppb
Molybdenum	95-1	2464.14	2522.13	2483.82	2490.03	1.18	ppb
Molybdenum	96-1	2467.31	2494.97	2466.74	2476.34	0.65	ppb
Molybdenum	97-1	2398.54	2388.36	2388.04	2391.64	0.25	ppb
Molybdenum	98-1	2484.92	2465.47	2455.21	2468.53	0.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	531.60	529.58	534.17	531.79	0.43	ppb
Phosphorus	31-2	10025.37	9917.80	10199.66	10047.61	1.42	ppb
Potassium	39-2	129467.01	128721.18	132237.23	130141.81	1.42	ppb
Rhodium	103-1				90		%
Rhodium	103-2				88		%
Scandium	45-1				95		%
Scandium	45-2				92		%
Selenium	82-1	525.15	537.80	531.31	531.42	1.19	ppb
Selenium	77-2	543.08	557.78	546.16	549.01	1.41	ppb
Selenium	78-2	547.79	546.16	551.41	548.46	0.49	ppb
Silicon	28-1	441.55	458.70	452.40	450.88	1.92	ppb
Silver	107-1	495.07	494.35	490.64	493.36	0.48	ppb
Silver	109-1	498.02	492.74	492.32	494.36	0.64	ppb
Sodium	23-2	263412.01	262490.89	266543.03	264148.65	0.80	ppb
Strontium	86-1	5004.95	5027.03	4991.78	5007.92	0.36	ppb
Strontium	88-1	5022.95	5027.11	4997.87	5015.98	0.32	ppb
Sulfur	34-1	8808.36	9564.94	9668.59	9347.29	5.02	ppb
Terbium	159-1				96		%
Terbium	159-2				92		%
Thallium	203-1	515.89	516.72	498.72	510.44	1.99	ppb
Thallium	205-1	499.90	494.86	483.49	492.75	1.71	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	CCV16	Instrumnet Name :	P7
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 15:17:48	DataFile Name :	046CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	502.41	511.69	504.44	506.18	0.96	ppb
Tin	118-1	489.91	480.32	479.72	483.32	1.18	ppb
Titanium	47-1	2436.29	2471.98	2446.14	2451.47	0.75	ppb
Uranium	238-1	465.30	476.67	456.32	466.10	2.19	ppb
Vanadium	51-2	508.99	502.92	506.17	506.03	0.60	ppb
Yttrium	89-1				97		%
Yttrium	89-2				91		%
Zinc	66-2	5183.51	5181.55	5196.25	5187.10	0.15	ppb
Zirconium	90-1	480.58	483.46	477.63	480.55	0.61	ppb
Zirconium	91-1	489.92	486.08	479.93	485.31	1.04	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	CCB16	Instrumnet Name :	P7
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 15:26:09	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.95	-1.25	-1.07	-1.09		ppb
Antimony	121-1	0.05	0.06	0.08	0.06	19.18	ppb
Arsenic	75-2	0.01	0.02	0.03	0.02	32.99	ppb
Barium	135-1	0.11	0.11	0.09	0.11	9.77	ppb
Barium	137-1	0.07	0.08	0.08	0.08	6.60	ppb
Beryllium	9-1	0.29	0.24	0.20	0.24	18.99	ppb
Bismuth	209-1				92		%
Bismuth	209-2				88		%
Boron	10-1	3.46	3.53	4.04	3.68	8.55	ppb
Boron	11-1	4.46	4.35	3.73	4.18	9.33	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.06	-0.01	0.01	0.02	177.02	ppb
Cadmium	106-1	0.10	-2.91	-1.41	-1.41		ppb
Cadmium	108-1	-0.25	-0.18	-0.11	-0.18		ppb
Calcium	43-1	11.04	12.60	12.42	12.02	7.11	ppb
Calcium	44-1	3.73	2.80	3.49	3.34	14.52	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	-0.02	0.04	0.00		ppb
Cobalt	59-2	0.04	0.02	0.03	0.03	27.80	ppb
Copper	63-2	0.16	0.21	0.24	0.21	20.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				92		%
Indium	115-1				95		%
Indium	115-2				92		%
Iron	56-2	4.63	4.75	4.71	4.70	1.24	ppb
Iron	57-2	8.73	12.41	12.13	11.09	18.48	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	CCB16	Instrumnet Name :	P7
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 15:26:09	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2.04	5.27	1.23	2.85	75.10	ppb
Krypton	83-1						cps
Lead	206-1	0.61	0.61	0.52	0.58	9.03	ppb
Lead	207-1	0.60	0.56	0.61	0.59	4.71	ppb
Lead	208-1	0.60	0.57	0.57	0.58	3.20	ppb
Lithium	6-1				94		%
Magnesium	24-2	9.57	10.37	10.05	10.00	4.00	ppb
Manganese	55-2	0.17	0.19	0.24	0.20	19.02	ppb
Molybdenum	94-1	0.08	0.10	0.13	0.10	24.51	ppb
Molybdenum	95-1	0.10	0.14	0.12	0.12	15.52	ppb
Molybdenum	96-1	0.10	0.15	0.12	0.12	20.49	ppb
Molybdenum	97-1	0.08	0.10	0.11	0.10	13.62	ppb
Molybdenum	98-1	0.15	0.11	0.14	0.13	16.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	-0.02	0.00	0.00	646.12	ppb
Phosphorus	31-2	-6.44	-6.12	-12.16	-8.24		ppb
Potassium	39-2	94.17	95.02	93.71	94.30	0.71	ppb
Rhodium	103-1				95		%
Rhodium	103-2				93		%
Scandium	45-1				94		%
Scandium	45-2				93		%
Selenium	82-1	-0.47	-0.28	-0.40	-0.39		ppb
Selenium	77-2	0.01	0.01	0.32	0.11	154.71	ppb
Selenium	78-2	-0.03	0.48	0.35	0.27	99.29	ppb
Silicon	28-1	-15.01	-16.10	-18.65	-16.58		ppb
Silver	107-1	0.01	0.03	0.04	0.03	40.35	ppb
Silver	109-1	0.05	0.02	0.04	0.04	32.81	ppb
Sodium	23-2	108.31	107.63	105.74	107.23	1.24	ppb
Strontium	86-1	0.08	0.26	0.18	0.17	52.00	ppb
Strontium	88-1	0.20	0.19	0.18	0.19	5.63	ppb
Sulfur	34-1	-1813.12	-1869.70	-2073.62	-1918.81		ppb
Terbium	159-1				99		%
Terbium	159-2				93		%
Thallium	203-1	0.06	0.10	0.10	0.08	28.14	ppb
Thallium	205-1	0.09	0.08	0.08	0.08	5.53	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	CCB16	Instrumnet Name :	P7
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 15:26:09	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.04	0.04	0.03	0.04	8.51	ppb
Tin	118-1	0.03	0.16	0.02	0.07	106.36	ppb
Titanium	47-1	0.13	0.32	0.26	0.24	41.67	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	1.69	ppb
Vanadium	51-2	0.02	0.03	0.03	0.02	33.78	ppb
Yttrium	89-1				99		%
Yttrium	89-2				92		%
Zinc	66-2	0.29	0.29	0.14	0.24	36.44	ppb
Zirconium	90-1	0.02	0.03	0.02	0.03	14.87	ppb
Zirconium	91-1	0.03	-0.01	0.03	0.02	123.24	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M4251-02	Instrumnet Name :	P7
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 15:31:20	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	163.02	170.25	171.20	168.16	2.66	ppb
Antimony	121-1	0.21	0.20	0.23	0.21	5.29	ppb
Arsenic	75-2	8.81	8.93	9.05	8.93	1.32	ppb
Barium	135-1	129.64	128.97	128.83	129.15	0.34	ppb
Barium	137-1	131.13	130.30	130.30	130.58	0.37	ppb
Beryllium	9-1	0.30	0.33	0.28	0.30	8.99	ppb
Bismuth	209-1				86		%
Bismuth	209-2				82		%
Boron	10-1	99.66	106.24	106.32	104.07	3.67	ppb
Boron	11-1	105.80	104.07	107.77	105.88	1.75	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.04	0.03	0.06	0.04	27.19	ppb
Cadmium	106-1	-0.52	0.84	1.01	0.44	188.23	ppb
Cadmium	108-1	-0.06	-0.11	-0.17	-0.11		ppb
Calcium	43-1	21528.21	21184.77	21261.37	21324.78	0.85	ppb
Calcium	44-1	21076.65	21102.10	21593.82	21257.52	1.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.63	2.78	2.74	2.71	2.88	ppb
Cobalt	59-2	7.52	7.49	7.66	7.56	1.21	ppb
Copper	63-2	4.84	4.82	4.92	4.86	1.17	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				90		%
Holmium	165-2				90		%
Indium	115-1				90		%
Indium	115-2				88		%
Iron	56-2	50255.96	51812.02	50181.09	50749.69	1.81	ppb
Iron	57-2	48795.05	48910.49	49189.09	48964.88	0.41	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M4251-02	Instrumnet Name :	P7
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 15:31:20	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	50085.09	51557.52	50430.50	50691.03	1.52	ppb
Krypton	83-1						cps
Lead	206-1	1.55	1.46	1.44	1.48	3.65	ppb
Lead	207-1	1.40	1.30	1.34	1.35	3.50	ppb
Lead	208-1	1.41	1.39	1.37	1.39	1.28	ppb
Lithium	6-1				87		%
Magnesium	24-2	8754.55	8999.17	8836.42	8863.38	1.40	ppb
Manganese	55-2	2691.29	2690.41	2683.42	2688.38	0.16	ppb
Molybdenum	94-1	1.03	0.82	0.90	0.92	11.64	ppb
Molybdenum	95-1	0.66	0.71	0.66	0.67	4.30	ppb
Molybdenum	96-1	0.76	0.78	0.74	0.76	2.38	ppb
Molybdenum	97-1	0.61	0.57	0.70	0.63	10.47	ppb
Molybdenum	98-1	0.61	0.67	0.65	0.64	4.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.99	9.96	9.95	9.96	0.20	ppb
Phosphorus	31-2	207.52	227.02	221.55	218.70	4.60	ppb
Potassium	39-2	2471.97	2499.56	2509.81	2493.78	0.78	ppb
Rhodium	103-1				90		%
Rhodium	103-2				87		%
Scandium	45-1				91		%
Scandium	45-2				92		%
Selenium	82-1	0.40	0.60	0.86	0.62	37.84	ppb
Selenium	77-2	1.58	1.42	1.60	1.54	6.30	ppb
Selenium	78-2	1.11	0.74	1.82	1.22	44.98	ppb
Silicon	28-1	7053.56	6865.68	6964.54	6961.26	1.35	ppb
Silver	107-1	0.08	0.10	0.09	0.09	11.60	ppb
Silver	109-1	0.06	0.10	0.10	0.09	24.98	ppb
Sodium	23-2	31900.69	32428.77	32217.25	32182.24	0.83	ppb
Strontium	86-1	108.09	104.07	105.61	105.92	1.91	ppb
Strontium	88-1	108.97	104.80	105.95	106.58	2.02	ppb
Sulfur	34-1	47979.21	44646.28	45012.74	45879.41	3.98	ppb
Terbium	159-1				95		%
Terbium	159-2				89		%
Thallium	203-1	0.04	0.04	0.08	0.05	40.01	ppb
Thallium	205-1	0.07	0.07	0.06	0.07	8.38	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M4251-02	Instrumnet Name :	P7
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 15:31:20	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.06	0.08	0.07	0.07	10.10	ppb
Tin	118-1	0.10	0.07	0.09	0.09	15.07	ppb
Titanium	47-1	5.74	6.04	5.55	5.78	4.30	ppb
Uranium	238-1	0.06	0.07	0.07	0.07	11.64	ppb
Vanadium	51-2	2.08	2.20	2.09	2.12	2.94	ppb
Yttrium	89-1				96		%
Yttrium	89-2				90		%
Zinc	66-2	24.68	25.56	25.23	25.16	1.77	ppb
Zirconium	90-1	0.26	0.23	0.25	0.25	5.85	ppb
Zirconium	91-1	0.36	0.30	0.32	0.32	9.85	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M4251-04	Instrumnet Name :	P7
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 15:34:29	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	78.30	77.02	74.25	76.53	2.71	ppb
Antimony	121-1	0.20	0.27	0.24	0.24	14.44	ppb
Arsenic	75-2	0.88	0.89	0.82	0.86	4.53	ppb
Barium	135-1	50.07	49.09	50.19	49.78	1.21	ppb
Barium	137-1	49.49	48.94	50.55	49.66	1.65	ppb
Beryllium	9-1	0.22	0.21	0.21	0.21	2.57	ppb
Bismuth	209-1				87		%
Bismuth	209-2				82		%
Boron	10-1	73.06	73.80	70.66	72.51	2.26	ppb
Boron	11-1	76.33	76.42	75.65	76.13	0.56	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.02	0.02	0.01	0.01	382.66	ppb
Cadmium	106-1	-1.56	-1.04	0.40	-0.73		ppb
Cadmium	108-1	-0.03	-0.04	0.10	0.01	795.30	ppb
Calcium	43-1	28136.15	28106.77	28078.55	28107.15	0.10	ppb
Calcium	44-1	28071.61	27918.41	28415.17	28135.06	0.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.52	0.57	0.53	0.54	5.46	ppb
Cobalt	59-2	0.25	0.26	0.26	0.26	2.01	ppb
Copper	63-2	2.72	2.56	2.64	2.64	3.01	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				94		%
Holmium	165-2				91		%
Indium	115-1				91		%
Indium	115-2				88		%
Iron	56-2	307.51	310.15	311.46	309.70	0.65	ppb
Iron	57-2	414.13	406.98	410.78	410.63	0.87	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M4251-04	Instrumnet Name :	P7
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 15:34:29	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	315.44	305.59	317.68	312.90	2.06	ppb
Krypton	83-1						cps
Lead	206-1	0.63	0.57	0.60	0.60	5.01	ppb
Lead	207-1	0.53	0.56	0.55	0.55	2.92	ppb
Lead	208-1	0.57	0.53	0.59	0.56	5.32	ppb
Lithium	6-1				86		%
Magnesium	24-2	10301.28	10270.73	10098.38	10223.47	1.07	ppb
Manganese	55-2	96.92	96.17	95.78	96.29	0.60	ppb
Molybdenum	94-1	0.93	0.98	0.99	0.97	3.42	ppb
Molybdenum	95-1	1.43	1.30	1.37	1.37	4.81	ppb
Molybdenum	96-1	1.27	1.23	1.34	1.28	4.52	ppb
Molybdenum	97-1	1.33	1.45	1.29	1.36	5.93	ppb
Molybdenum	98-1	1.43	1.45	1.31	1.39	5.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.26	1.16	1.14	1.18	5.52	ppb
Phosphorus	31-2	428.95	443.25	435.42	435.87	1.64	ppb
Potassium	39-2	3980.73	4024.20	4000.80	4001.91	0.54	ppb
Rhodium	103-1				90		%
Rhodium	103-2				89		%
Scandium	45-1				93		%
Scandium	45-2				93		%
Selenium	82-1	-0.16	0.60	-0.10	0.11	371.44	ppb
Selenium	77-2	0.18	0.33	0.49	0.33	46.52	ppb
Selenium	78-2	0.61	0.64	0.76	0.67	12.35	ppb
Silicon	28-1	3630.56	3631.43	3653.77	3638.59	0.36	ppb
Silver	107-1	0.02	0.02	0.02	0.02	17.03	ppb
Silver	109-1	0.02	0.02	0.02	0.02	18.22	ppb
Sodium	23-2	36875.13	37414.47	36520.86	36936.82	1.22	ppb
Strontium	86-1	161.88	161.62	160.40	161.30	0.49	ppb
Strontium	88-1	162.50	164.62	163.74	163.62	0.65	ppb
Sulfur	34-1	8975.24	8856.64	8949.20	8927.02	0.70	ppb
Terbium	159-1				97		%
Terbium	159-2				91		%
Thallium	203-1	0.04	0.04	0.05	0.04	9.52	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	6.71	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M4251-04	Instrumnet Name :	P7
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 15:34:29	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.02	0.03	0.02	0.02	24.91	ppb
Tin	118-1	0.07	0.08	0.09	0.08	17.06	ppb
Titanium	47-1	4.02	3.41	3.07	3.50	13.82	ppb
Uranium	238-1	0.17	0.15	0.15	0.16	6.97	ppb
Vanadium	51-2	0.94	0.88	0.86	0.89	4.94	ppb
Yttrium	89-1				97		%
Yttrium	89-2				90		%
Zinc	66-2	27.12	27.05	26.82	27.00	0.58	ppb
Zirconium	90-1	0.05	0.05	0.10	0.07	40.34	ppb
Zirconium	91-1	0.04	0.05	0.05	0.05	11.05	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M4251-06	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 15:37:39	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	64.75	63.29	60.40	62.81	3.53	ppb
Antimony	121-1	0.07	0.08	0.08	0.08	8.89	ppb
Arsenic	75-2	0.58	0.61	0.60	0.59	2.78	ppb
Barium	135-1	45.72	45.42	44.89	45.35	0.93	ppb
Barium	137-1	45.95	44.63	45.20	45.26	1.46	ppb
Beryllium	9-1	0.18	0.19	0.15	0.18	11.79	ppb
Bismuth	209-1				87		%
Bismuth	209-2				84		%
Boron	10-1	46.32	42.15	47.15	45.21	5.93	ppb
Boron	11-1	47.03	46.37	46.62	46.67	0.72	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.01	0.04	0.01	0.02	98.89	ppb
Cadmium	106-1	0.99	0.45	-0.67	0.26	330.44	ppb
Cadmium	108-1	0.11	-0.14	0.06	0.01	1287.61	ppb
Calcium	43-1	28261.11	28162.15	27930.00	28117.75	0.60	ppb
Calcium	44-1	27580.58	27809.72	27710.72	27700.34	0.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.34	0.34	0.26	0.31	14.86	ppb
Cobalt	59-2	0.12	0.14	0.14	0.13	8.71	ppb
Copper	63-2	1.11	1.12	1.11	1.11	0.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				91		%
Indium	115-1				90		%
Indium	115-2				89		%
Iron	56-2	151.17	152.51	150.70	151.46	0.62	ppb
Iron	57-2	255.05	254.02	271.60	260.23	3.79	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M4251-06	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 15:37:39	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	161.27	158.34	150.41	156.67	3.59	ppb
Krypton	83-1						cps
Lead	206-1	0.49	0.42	0.47	0.46	7.44	ppb
Lead	207-1	0.42	0.34	0.37	0.38	11.87	ppb
Lead	208-1	0.44	0.41	0.40	0.41	4.75	ppb
Lithium	6-1				88		%
Magnesium	24-2	10061.08	10110.52	9939.71	10037.11	0.88	ppb
Manganese	55-2	27.60	28.12	27.36	27.69	1.42	ppb
Molybdenum	94-1	0.72	0.74	0.69	0.71	3.24	ppb
Molybdenum	95-1	0.95	0.87	0.94	0.92	4.61	ppb
Molybdenum	96-1	0.96	1.01	0.94	0.97	3.29	ppb
Molybdenum	97-1	1.14	0.96	0.95	1.02	10.32	ppb
Molybdenum	98-1	0.95	1.02	1.08	1.02	6.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.73	0.68	0.76	0.72	5.40	ppb
Phosphorus	31-2	47.38	52.46	52.28	50.70	5.69	ppb
Potassium	39-2	2633.83	2627.44	2632.42	2631.23	0.13	ppb
Rhodium	103-1				90		%
Rhodium	103-2				88		%
Scandium	45-1				93		%
Scandium	45-2				93		%
Selenium	82-1	0.68	0.04	0.40	0.37	84.90	ppb
Selenium	77-2	0.02	0.17	-0.14	0.02	992.72	ppb
Selenium	78-2	0.44	0.64	0.35	0.48	31.46	ppb
Silicon	28-1	3791.17	3733.54	3812.41	3779.04	1.08	ppb
Silver	107-1	0.02	0.01	0.01	0.01	42.35	ppb
Silver	109-1	0.01	0.00	0.01	0.01	56.68	ppb
Sodium	23-2	28461.45	28981.83	28408.11	28617.13	1.11	ppb
Strontium	86-1	157.84	149.82	151.91	153.19	2.72	ppb
Strontium	88-1	158.25	151.55	153.20	154.33	2.26	ppb
Sulfur	34-1	5183.10	4074.81	4889.00	4715.64	12.17	ppb
Terbium	159-1				97		%
Terbium	159-2				91		%
Thallium	203-1	0.04	0.03	0.02	0.03	35.03	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	9.14	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M4251-06	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 15:37:39	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.02	0.02	0.01	0.02	26.04	ppb
Tin	118-1	0.04	0.07	0.05	0.05	32.05	ppb
Titanium	47-1	2.46	2.35	2.51	2.44	3.32	ppb
Uranium	238-1	0.22	0.22	0.24	0.23	2.79	ppb
Vanadium	51-2	0.78	0.78	0.85	0.80	5.11	ppb
Yttrium	89-1				96		%
Yttrium	89-2				90		%
Zinc	66-2	18.19	18.16	17.49	17.94	2.21	ppb
Zirconium	90-1	0.01	0.04	0.01	0.02	97.63	ppb
Zirconium	91-1	0.06	0.04	0.03	0.04	36.99	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M4251-08	Instrumnet Name :	P7
Client Sample ID :	RR-54	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 15:40:48	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	77.62	76.52	79.61	77.92	2.01	ppb
Antimony	121-1	0.24	0.24	0.25	0.24	1.61	ppb
Arsenic	75-2	0.87	0.85	0.84	0.86	1.92	ppb
Barium	135-1	50.97	51.28	51.64	51.29	0.65	ppb
Barium	137-1	51.71	51.95	50.59	51.42	1.42	ppb
Beryllium	9-1	0.12	0.13	0.17	0.14	17.33	ppb
Bismuth	209-1				88		%
Bismuth	209-2				84		%
Boron	10-1	73.17	77.36	76.60	75.71	2.95	ppb
Boron	11-1	77.19	77.93	78.75	77.96	1.01	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.06	0.03	0.02	0.04	50.96	ppb
Cadmium	106-1	2.39	1.83	0.99	1.74	40.39	ppb
Cadmium	108-1	-0.10	0.00	0.00	-0.04		ppb
Calcium	43-1	29494.34	29952.96	29912.23	29786.51	0.85	ppb
Calcium	44-1	29038.65	29507.28	29390.08	29312.01	0.83	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.58	0.58	0.54	0.57	4.59	ppb
Cobalt	59-2	0.24	0.27	0.24	0.25	6.06	ppb
Copper	63-2	2.68	2.78	2.67	2.71	2.16	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				92		%
Holmium	165-2				91		%
Indium	115-1				90		%
Indium	115-2				88		%
Iron	56-2	317.49	324.10	321.24	320.94	1.03	ppb
Iron	57-2	428.93	439.29	435.25	434.49	1.20	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M4251-08	Instrumnet Name :	P7
Client Sample ID :	RR-54	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 15:40:48	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	321.80	323.31	325.21	323.44	0.53	ppb
Krypton	83-1						cps
Lead	206-1	0.59	0.57	0.56	0.58	2.99	ppb
Lead	207-1	0.50	0.54	0.53	0.53	3.86	ppb
Lead	208-1	0.54	0.53	0.52	0.53	2.12	ppb
Lithium	6-1				88		%
Magnesium	24-2	10432.11	10617.80	10439.75	10496.55	1.00	ppb
Manganese	55-2	99.92	99.48	100.69	100.03	0.61	ppb
Molybdenum	94-1	0.96	0.93	1.11	1.00	9.79	ppb
Molybdenum	95-1	1.22	1.41	1.38	1.34	7.52	ppb
Molybdenum	96-1	1.31	1.33	1.32	1.32	1.05	ppb
Molybdenum	97-1	1.43	1.30	1.44	1.39	5.87	ppb
Molybdenum	98-1	1.42	1.40	1.39	1.41	1.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.18	1.13	1.18	1.16	2.56	ppb
Phosphorus	31-2	449.90	452.57	455.60	452.69	0.63	ppb
Potassium	39-2	4123.25	4131.64	4072.44	4109.11	0.78	ppb
Rhodium	103-1				91		%
Rhodium	103-2				88		%
Scandium	45-1				92		%
Scandium	45-2				91		%
Selenium	82-1	-0.37	-0.18	-0.31	-0.29		ppb
Selenium	77-2	0.81	0.65	0.65	0.70	12.82	ppb
Selenium	78-2	0.47	0.71	0.21	0.46	53.80	ppb
Silicon	28-1	3842.15	3797.04	3802.16	3813.79	0.65	ppb
Silver	107-1	0.01	0.01	0.01	0.01	10.99	ppb
Silver	109-1	0.01	0.01	0.01	0.01	30.67	ppb
Sodium	23-2	37742.22	38516.95	37504.12	37921.10	1.40	ppb
Strontium	86-1	164.57	167.60	171.03	167.73	1.92	ppb
Strontium	88-1	165.65	170.08	168.55	168.09	1.34	ppb
Sulfur	34-1	11904.87	11282.24	12137.77	11774.96	3.76	ppb
Terbium	159-1				97		%
Terbium	159-2				92		%
Thallium	203-1	0.01	0.02	0.03	0.02	37.66	ppb
Thallium	205-1	0.02	0.02	0.01	0.02	26.00	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M4251-08	Instrumnet Name :	P7
Client Sample ID :	RR-54	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 15:40:48	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.02	0.02	0.02	0.02	12.06	ppb
Tin	118-1	0.07	0.10	0.05	0.07	34.58	ppb
Titanium	47-1	4.57	3.68	3.75	4.00	12.36	ppb
Uranium	238-1	0.15	0.16	0.16	0.16	2.46	ppb
Vanadium	51-2	0.94	1.03	0.94	0.97	5.34	ppb
Yttrium	89-1				96		%
Yttrium	89-2				89		%
Zinc	66-2	28.86	29.78	28.82	29.15	1.86	ppb
Zirconium	90-1	0.05	0.04	0.07	0.05	23.92	ppb
Zirconium	91-1	0.06	0.07	0.03	0.05	31.55	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M4251-06DUP	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 15:43:56	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	72.34	66.80	71.66	70.27	4.30	ppb
Antimony	121-1	0.05	0.10	0.07	0.07	30.57	ppb
Arsenic	75-2	0.62	0.55	0.56	0.57	6.42	ppb
Barium	135-1	45.31	44.99	44.52	44.94	0.89	ppb
Barium	137-1	44.16	45.33	43.58	44.35	2.01	ppb
Beryllium	9-1	0.19	0.15	0.08	0.14	38.38	ppb
Bismuth	209-1				89		%
Bismuth	209-2				85		%
Boron	10-1	42.71	42.17	43.41	42.76	1.46	ppb
Boron	11-1	47.00	44.20	44.45	45.21	3.42	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.01	0.02	0.02	0.02	47.04	ppb
Cadmium	106-1	0.02	1.56	-0.37	0.40	254.26	ppb
Cadmium	108-1	-0.01	-0.07	-0.15	-0.08		ppb
Calcium	43-1	27977.06	28008.55	27496.83	27827.48	1.03	ppb
Calcium	44-1	27430.11	27386.59	26990.95	27269.22	0.89	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.37	0.25	0.40	0.34	22.72	ppb
Cobalt	59-2	0.15	0.15	0.14	0.14	5.23	ppb
Copper	63-2	1.17	1.14	1.12	1.15	2.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				92		%
Indium	115-1				92		%
Indium	115-2				88		%
Iron	56-2	155.27	153.08	153.72	154.02	0.73	ppb
Iron	57-2	263.64	261.24	262.71	262.53	0.46	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M4251-06DUP	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 15:43:56	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	163.22	154.94	157.48	158.55	2.68	ppb
Krypton	83-1						cps
Lead	206-1	0.40	0.34	0.36	0.37	8.22	ppb
Lead	207-1	0.36	0.35	0.30	0.34	9.78	ppb
Lead	208-1	0.35	0.35	0.33	0.35	3.45	ppb
Lithium	6-1				91		%
Magnesium	24-2	10072.96	10102.59	10111.95	10095.83	0.20	ppb
Manganese	55-2	27.15	27.02	27.59	27.25	1.11	ppb
Molybdenum	94-1	0.57	0.63	0.79	0.66	16.58	ppb
Molybdenum	95-1	0.93	0.82	0.97	0.90	8.70	ppb
Molybdenum	96-1	0.98	1.00	0.96	0.98	2.03	ppb
Molybdenum	97-1	0.93	0.99	1.02	0.98	4.87	ppb
Molybdenum	98-1	0.97	0.98	0.95	0.96	1.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.53	0.44	0.48	0.48	9.58	ppb
Phosphorus	31-2	54.79	48.84	57.55	53.73	8.28	ppb
Potassium	39-2	2677.69	2557.67	2612.87	2616.08	2.30	ppb
Rhodium	103-1				90		%
Rhodium	103-2				88		%
Scandium	45-1				93		%
Scandium	45-2				92		%
Selenium	82-1	0.47	0.32	0.15	0.31	50.37	ppb
Selenium	77-2	0.33	0.02	0.64	0.33	94.85	ppb
Selenium	78-2	0.59	0.61	0.58	0.59	2.58	ppb
Silicon	28-1	4306.77	3734.77	3603.99	3881.84	9.63	ppb
Silver	107-1	0.00	0.00	0.00	0.00	394.36	ppb
Silver	109-1	0.01	0.01	0.00	0.01	35.65	ppb
Sodium	23-2	28469.36	28679.82	28805.42	28651.53	0.59	ppb
Strontium	86-1	153.41	155.06	153.27	153.91	0.65	ppb
Strontium	88-1	154.64	154.17	153.44	154.08	0.39	ppb
Sulfur	34-1	7236.78	6424.79	5561.86	6407.81	13.07	ppb
Terbium	159-1				98		%
Terbium	159-2				92		%
Thallium	203-1	0.02	0.01	0.00	0.01	77.03	ppb
Thallium	205-1	0.02	0.01	0.02	0.02	38.96	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M4251-06DUP	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 15:43:56	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.01	0.01	0.01	14.15	ppb
Tin	118-1	0.04	0.15	0.03	0.07	92.24	ppb
Titanium	47-1	2.54	2.69	2.68	2.64	3.18	ppb
Uranium	238-1	0.21	0.28	0.21	0.23	17.00	ppb
Vanadium	51-2	0.85	0.84	0.85	0.84	0.24	ppb
Yttrium	89-1				97		%
Yttrium	89-2				90		%
Zinc	66-2	17.03	16.69	17.36	17.03	1.99	ppb
Zirconium	90-1	0.01	0.02	0.03	0.02	41.95	ppb
Zirconium	91-1	0.03	0.06	0.05	0.05	28.19	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M4251-06LX5	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)L	Dilution Factor :	5
Date & Time Acquired ::	2021-10-19 15:47:04	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.95	9.54	10.36	10.28	6.86	ppb
Antimony	121-1	0.01	0.01	0.02	0.01	39.86	ppb
Arsenic	75-2	0.08	0.10	0.11	0.10	14.35	ppb
Barium	135-1	8.60	8.64	9.25	8.83	4.14	ppb
Barium	137-1	8.72	8.86	9.62	9.07	5.32	ppb
Beryllium	9-1	0.10	0.11	0.08	0.09	17.98	ppb
Bismuth	209-1				90		%
Bismuth	209-2				86		%
Boron	10-1	9.44	9.95	10.54	9.98	5.52	ppb
Boron	11-1	10.58	10.23	11.17	10.66	4.46	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.03	0.01	0.05	0.03	53.94	ppb
Cadmium	106-1	1.61	-0.12	2.89	1.46	103.61	ppb
Cadmium	108-1	-0.08	-0.11	-0.02	-0.07		ppb
Calcium	43-1	5256.96	5407.84	5961.14	5541.98	6.69	ppb
Calcium	44-1	5279.98	5422.82	5880.07	5527.62	5.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.08	0.13	0.07	88.92	ppb
Cobalt	59-2	0.03	0.02	0.04	0.03	39.32	ppb
Copper	63-2	0.26	0.26	0.31	0.28	9.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				91		%
Indium	115-1				93		%
Indium	115-2				90		%
Iron	56-2	30.14	31.20	32.40	31.24	3.62	ppb
Iron	57-2	53.91	57.23	61.37	57.50	6.50	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M4251-06LX5	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)L	Dilution Factor :	5
Date & Time Acquired ::	2021-10-19 15:47:04	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	30.46	29.69	31.82	30.66	3.52	ppb
Krypton	83-1						cps
Lead	206-1	0.17	0.19	0.15	0.17	11.04	ppb
Lead	207-1	0.23	0.14	0.21	0.19	23.93	ppb
Lead	208-1	0.20	0.16	0.19	0.18	10.72	ppb
Lithium	6-1				92		%
Magnesium	24-2	2004.12	2034.07	2113.83	2050.67	2.77	ppb
Manganese	55-2	5.48	5.48	5.61	5.52	1.40	ppb
Molybdenum	94-1	0.11	0.15	0.14	0.13	12.82	ppb
Molybdenum	95-1	0.21	0.20	0.22	0.21	5.77	ppb
Molybdenum	96-1	0.18	0.18	0.21	0.19	9.15	ppb
Molybdenum	97-1	0.17	0.23	0.33	0.24	32.27	ppb
Molybdenum	98-1	0.21	0.23	0.23	0.22	7.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.07	0.12	0.17	0.12	42.25	ppb
Phosphorus	31-2	-15.21	2.97	6.12	-2.04		ppb
Potassium	39-2	551.61	576.14	625.77	584.51	6.46	ppb
Rhodium	103-1				91		%
Rhodium	103-2				89		%
Scandium	45-1				93		%
Scandium	45-2				90		%
Selenium	82-1	0.21	0.76	0.30	0.42	70.58	ppb
Selenium	77-2	0.01	0.33	0.19	0.18	89.49	ppb
Selenium	78-2	0.76	0.38	0.70	0.61	33.59	ppb
Silicon	28-1	759.06	755.71	883.04	799.27	9.08	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	0.01	0.01	0.01	0.01	14.81	ppb
Sodium	23-2	5518.84	5585.66	5827.48	5643.99	2.88	ppb
Strontium	86-1	28.33	30.00	32.66	30.33	7.21	ppb
Strontium	88-1	28.66	30.36	32.97	30.66	7.07	ppb
Sulfur	34-1	53.05	-13.51	4736.09	1591.87	171.07	ppb
Terbium	159-1				98		%
Terbium	159-2				92		%
Thallium	203-1	0.00	0.01	0.01	0.01	52.51	ppb
Thallium	205-1	0.00	0.01	0.01	0.01	49.72	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M4251-06LX5	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)L	Dilution Factor :	5
Date & Time Acquired ::	2021-10-19 15:47:04	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	189.06	ppb
Tin	118-1	-0.05	-0.02	0.05	-0.01		ppb
Titanium	47-1	0.72	0.69	0.40	0.60	29.22	ppb
Uranium	238-1	0.04	0.05	0.04	0.04	12.48	ppb
Vanadium	51-2	0.17	0.17	0.21	0.18	12.37	ppb
Yttrium	89-1				95		%
Yttrium	89-2				89		%
Zinc	66-2	3.12	3.59	3.66	3.45	8.52	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	311.54	ppb
Zirconium	91-1	0.01	0.02	0.02	0.02	44.38	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M4251-06MS	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 15:50:13	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9351.61	9453.25	9643.12	9482.66	1.56	ppb
Antimony	121-1	483.69	480.11	474.37	479.39	0.98	ppb
Arsenic	75-2	531.46	544.81	545.16	540.47	1.45	ppb
Barium	135-1	2450.11	2400.66	2404.31	2418.36	1.14	ppb
Barium	137-1	2468.54	2395.67	2410.98	2425.06	1.58	ppb
Beryllium	9-1	511.81	499.12	515.49	508.81	1.69	ppb
Bismuth	209-1				85		%
Bismuth	209-2				82		%
Boron	10-1	547.01	554.56	560.58	554.05	1.23	ppb
Boron	11-1	550.54	562.75	569.39	560.89	1.70	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	488.15	489.36	483.90	487.14	0.59	ppb
Cadmium	106-1	499.98	498.39	489.43	495.93	1.15	ppb
Cadmium	108-1	498.58	496.26	479.53	491.46	2.12	ppb
Calcium	43-1	76546.29	77912.60	77812.05	77423.65	0.98	ppb
Calcium	44-1	74409.47	76157.75	75056.57	75207.93	1.18	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	511.25	521.78	529.71	520.91	1.78	ppb
Cobalt	59-2	509.90	526.90	529.39	522.06	2.03	ppb
Copper	63-2	5673.68	5757.52	5902.33	5777.85	2.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				90		%
Holmium	165-2				90		%
Indium	115-1				86		%
Indium	115-2				84		%
Iron	56-2	25566.94	26275.86	26997.46	26280.09	2.72	ppb
Iron	57-2	24986.40	25933.61	26316.46	25745.49	2.66	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M4251-06MS	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 15:50:13	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	25851.29	25873.14	26822.39	26182.27	2.12	ppb
Krypton	83-1						cps
Lead	206-1	2813.22	2720.95	2774.61	2769.59	1.67	ppb
Lead	207-1	2799.49	2684.55	2763.13	2749.06	2.14	ppb
Lead	208-1	2758.51	2687.68	2757.50	2734.56	1.48	ppb
Lithium	6-1				87		%
Magnesium	24-2	60349.53	61910.74	63280.76	61847.01	2.37	ppb
Manganese	55-2	5642.75	5740.12	5928.86	5770.58	2.52	ppb
Molybdenum	94-1	2482.59	2350.41	2383.33	2405.44	2.86	ppb
Molybdenum	95-1	2569.51	2412.18	2455.91	2479.20	3.28	ppb
Molybdenum	96-1	2552.96	2416.31	2458.12	2475.80	2.83	ppb
Molybdenum	97-1	2440.68	2350.68	2405.20	2398.85	1.89	ppb
Molybdenum	98-1	2537.50	2413.46	2489.71	2480.22	2.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	511.77	523.77	531.12	522.22	1.87	ppb
Phosphorus	31-2	61.78	75.67	61.43	66.29	12.25	ppb
Potassium	39-2	28197.08	28788.69	28703.17	28562.98	1.12	ppb
Rhodium	103-1				87		%
Rhodium	103-2				86		%
Scandium	45-1				91		%
Scandium	45-2				88		%
Selenium	82-1	506.97	490.97	496.80	498.25	1.63	ppb
Selenium	77-2	513.03	540.52	513.71	522.42	3.00	ppb
Selenium	78-2	511.30	530.22	526.89	522.80	1.93	ppb
Silicon	28-1	4102.31	4222.16	4213.48	4179.32	1.60	ppb
Silver	107-1	289.97	268.86	280.61	279.82	3.78	ppb
Silver	109-1	334.16	383.75	241.73	319.88	22.53	ppb
Sodium	23-2	82498.87	84509.05	85238.44	84082.12	1.69	ppb
Strontium	86-1	5308.42	5142.64	5254.39	5235.15	1.62	ppb
Strontium	88-1	5259.16	5231.46	5211.68	5234.10	0.46	ppb
Sulfur	34-1	8835.38	9011.79	8248.29	8698.49	4.60	ppb
Terbium	159-1				95		%
Terbium	159-2				90		%
Thallium	203-1	529.47	513.45	525.25	522.72	1.59	ppb
Thallium	205-1	507.66	492.60	502.34	500.87	1.52	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M4251-06MS	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 15:50:13	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.03	0.02	0.02	0.02	20.68	ppb
Tin	118-1	491.55	490.85	477.42	486.61	1.64	ppb
Titanium	47-1	2424.33	2437.19	2430.41	2430.64	0.26	ppb
Uranium	238-1	478.77	472.89	474.69	475.45	0.63	ppb
Vanadium	51-2	513.73	519.65	536.27	523.22	2.23	ppb
Yttrium	89-1				93		%
Yttrium	89-2				87		%
Zinc	66-2	5258.78	5403.93	5476.37	5379.69	2.06	ppb
Zirconium	90-1	485.90	473.53	478.42	479.28	1.30	ppb
Zirconium	91-1	495.20	474.38	488.06	485.88	2.18	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M4251-06MSD	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 15:53:13	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9425.32	9510.27	9538.73	9491.44	0.62	ppb
Antimony	121-1	477.99	473.48	478.07	476.51	0.55	ppb
Arsenic	75-2	538.04	544.88	540.59	541.17	0.64	ppb
Barium	135-1	2406.64	2388.52	2422.52	2405.89	0.71	ppb
Barium	137-1	2437.52	2372.51	2436.62	2415.55	1.54	ppb
Beryllium	9-1	518.98	521.44	505.59	515.34	1.66	ppb
Bismuth	209-1				87		%
Bismuth	209-2				84		%
Boron	10-1	563.44	571.62	560.90	565.32	0.99	ppb
Boron	11-1	563.72	585.57	573.91	574.40	1.90	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	486.76	473.02	481.69	480.49	1.45	ppb
Cadmium	106-1	495.47	473.92	488.73	486.04	2.27	ppb
Cadmium	108-1	498.11	479.62	495.88	491.21	2.06	ppb
Calcium	43-1	77963.65	77849.27	78804.20	78205.71	0.67	ppb
Calcium	44-1	76239.86	76017.52	77738.96	76665.45	1.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	519.69	519.53	514.50	517.91	0.57	ppb
Cobalt	59-2	516.41	520.40	523.08	519.96	0.65	ppb
Copper	63-2	6039.30	6114.21	6159.53	6104.34	0.99	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				92		%
Holmium	165-2				92		%
Indium	115-1				88		%
Indium	115-2				85		%
Iron	56-2	26198.88	26031.09	26588.69	26272.88	1.09	ppb
Iron	57-2	25161.82	25447.53	25757.26	25455.54	1.17	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M4251-06MSD	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 15:53:13	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	25873.51	25992.88	25935.19	25933.86	0.23	ppb
Krypton	83-1						cps
Lead	206-1	2772.05	2728.42	2858.35	2786.27	2.37	ppb
Lead	207-1	2713.45	2742.51	2797.52	2751.16	1.55	ppb
Lead	208-1	2717.16	2715.14	2772.27	2734.86	1.19	ppb
Lithium	6-1				87		%
Magnesium	24-2	61553.92	61130.43	62605.91	61763.42	1.23	ppb
Manganese	55-2	5754.09	5746.25	5793.02	5764.45	0.43	ppb
Molybdenum	94-1	2435.07	2417.71	2482.56	2445.11	1.37	ppb
Molybdenum	95-1	2498.51	2485.30	2544.40	2509.40	1.24	ppb
Molybdenum	96-1	2499.75	2468.90	2544.62	2504.42	1.52	ppb
Molybdenum	97-1	2435.02	2366.99	2450.88	2417.63	1.84	ppb
Molybdenum	98-1	2520.81	2405.64	2515.74	2480.73	2.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	514.30	519.73	519.30	517.78	0.58	ppb
Phosphorus	31-2	66.15	62.34	52.34	60.28	11.83	ppb
Potassium	39-2	28799.50	28471.12	28611.60	28627.41	0.58	ppb
Rhodium	103-1				89		%
Rhodium	103-2				87		%
Scandium	45-1				92		%
Scandium	45-2				90		%
Selenium	82-1	502.24	495.92	503.95	500.70	0.85	ppb
Selenium	77-2	516.85	534.57	513.50	521.64	2.17	ppb
Selenium	78-2	522.38	521.84	527.54	523.92	0.60	ppb
Silicon	28-1	4198.55	4217.30	4351.80	4255.88	1.96	ppb
Silver	107-1	314.95	397.75	288.76	333.82	17.04	ppb
Silver	109-1	253.86	302.45	292.69	283.00	9.08	ppb
Sodium	23-2	81755.98	82831.96	82733.15	82440.36	0.72	ppb
Strontium	86-1	5371.69	5115.41	5369.62	5285.57	2.79	ppb
Strontium	88-1	5343.44	5182.70	5324.60	5283.58	1.66	ppb
Sulfur	34-1	7579.57	6875.58	7596.59	7350.58	5.60	ppb
Terbium	159-1				97		%
Terbium	159-2				92		%
Thallium	203-1	520.18	520.59	527.35	522.71	0.77	ppb
Thallium	205-1	505.90	501.67	506.52	504.70	0.52	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M4251-06MSD	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 15:53:13	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.02	0.03	0.03	0.03	12.02	ppb
Tin	118-1	486.37	475.20	477.47	479.68	1.23	ppb
Titanium	47-1	2430.84	2440.57	2471.97	2447.79	0.88	ppb
Uranium	238-1	471.99	464.43	470.95	469.12	0.87	ppb
Vanadium	51-2	525.28	525.32	527.63	526.07	0.26	ppb
Yttrium	89-1				95		%
Yttrium	89-2				89		%
Zinc	66-2	5270.46	5430.90	5372.88	5358.08	1.52	ppb
Zirconium	90-1	486.50	474.80	483.89	481.73	1.27	ppb
Zirconium	91-1	488.18	488.72	486.58	487.83	0.23	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M4251-06A	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 15:56:13	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9195.60	9300.00	10258.91	9584.84	6.11	ppb
Antimony	121-1	477.85	494.01	462.25	478.03	3.32	ppb
Arsenic	75-2	521.94	542.94	582.85	549.25	5.63	ppb
Barium	135-1	2428.48	2484.25	2303.86	2405.53	3.84	ppb
Barium	137-1	2451.72	2502.08	2362.84	2438.88	2.89	ppb
Beryllium	9-1	502.36	518.07	509.27	509.90	1.54	ppb
Bismuth	209-1				87		%
Bismuth	209-2				81		%
Boron	10-1	560.30	570.39	555.90	562.20	1.32	ppb
Boron	11-1	559.72	581.79	557.20	566.23	2.39	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	487.92	507.45	462.06	485.81	4.69	ppb
Cadmium	106-1	496.64	519.90	474.01	496.85	4.62	ppb
Cadmium	108-1	492.10	505.68	471.72	489.84	3.49	ppb
Calcium	43-1	79180.56	79818.73	78475.66	79158.32	0.85	ppb
Calcium	44-1	78257.96	78453.76	76253.18	77654.97	1.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	505.06	515.87	558.72	526.55	5.39	ppb
Cobalt	59-2	501.56	513.28	555.59	523.48	5.43	ppb
Copper	63-2	5723.41	5901.73	6251.64	5958.93	4.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				90		%
Indium	115-1				87		%
Indium	115-2				84		%
Iron	56-2	25151.27	26393.89	28351.48	26632.21	6.06	ppb
Iron	57-2	24658.03	25384.57	27609.70	25884.10	5.94	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M4251-06A	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 15:56:13	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	25103.33	25947.51	27801.07	26283.97	5.25	ppb
Krypton	83-1						cps
Lead	206-1	2730.82	2840.74	2708.60	2760.05	2.56	ppb
Lead	207-1	2712.89	2795.46	2717.16	2741.84	1.70	ppb
Lead	208-1	2715.19	2809.54	2688.17	2737.63	2.33	ppb
Lithium	6-1				86		%
Magnesium	24-2	59833.12	61099.28	67294.37	62742.26	6.36	ppb
Manganese	55-2	5579.78	5775.41	6216.09	5857.09	5.56	ppb
Molybdenum	94-1	2463.91	2448.74	2382.83	2431.82	1.77	ppb
Molybdenum	95-1	2520.70	2511.19	2433.83	2488.58	1.91	ppb
Molybdenum	96-1	2522.49	2494.61	2452.73	2489.94	1.41	ppb
Molybdenum	97-1	2401.84	2433.16	2359.15	2398.05	1.55	ppb
Molybdenum	98-1	2487.92	2496.39	2419.83	2468.05	1.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	502.13	513.09	553.18	522.80	5.14	ppb
Phosphorus	31-2	52.40	64.40	78.85	65.22	20.31	ppb
Potassium	39-2	28075.24	27999.07	30712.06	28928.79	5.34	ppb
Rhodium	103-1				89		%
Rhodium	103-2				86		%
Scandium	45-1				91		%
Scandium	45-2				89		%
Selenium	82-1	494.34	503.41	492.65	496.80	1.17	ppb
Selenium	77-2	509.87	520.40	543.72	524.66	3.30	ppb
Selenium	78-2	494.84	515.47	563.60	524.63	6.73	ppb
Silicon	28-1	4244.97	4356.94	4062.90	4221.60	3.52	ppb
Silver	107-1	286.29	270.25	303.94	286.83	5.88	ppb
Silver	109-1	337.32	280.03	298.98	305.44	9.56	ppb
Sodium	23-2	80816.08	82169.46	90263.94	84416.50	6.05	ppb
Strontium	86-1	5224.04	5191.05	5218.68	5211.26	0.34	ppb
Strontium	88-1	5226.33	5304.68	5191.67	5240.89	1.10	ppb
Sulfur	34-1	7422.38	7592.31	6075.38	7030.02	11.82	ppb
Terbium	159-1				96		%
Terbium	159-2				90		%
Thallium	203-1	517.57	522.63	510.74	516.98	1.15	ppb
Thallium	205-1	496.95	504.29	490.77	497.34	1.36	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M4251-06A	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 15:56:13	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.01	0.01	0.01	34.94	ppb
Tin	118-1	478.80	494.65	471.71	481.72	2.44	ppb
Titanium	47-1	2430.77	2467.90	2417.89	2438.85	1.06	ppb
Uranium	238-1	465.19	471.57	465.27	467.34	0.78	ppb
Vanadium	51-2	512.22	523.47	565.71	533.80	5.28	ppb
Yttrium	89-1				95		%
Yttrium	89-2				87		%
Zinc	66-2	5245.87	5317.18	5706.34	5423.13	4.57	ppb
Zirconium	90-1	476.17	482.62	472.12	476.97	1.11	ppb
Zirconium	91-1	484.40	495.49	474.61	484.83	2.15	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	CCV17	Instrumnet Name :	P7
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 16:03:38	DataFile Name :	057CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49681.12	49877.22	49660.00	49739.45	0.24	ppb
Antimony	121-1	463.47	468.97	468.15	466.86	0.64	ppb
Arsenic	75-2	544.01	542.10	539.32	541.81	0.43	ppb
Barium	135-1	2325.34	2331.63	2340.58	2332.51	0.33	ppb
Barium	137-1	2324.36	2347.89	2366.68	2346.31	0.90	ppb
Beryllium	9-1	503.57	503.09	499.83	502.16	0.41	ppb
Bismuth	209-1				86		%
Bismuth	209-2				83		%
Boron	10-1	493.61	507.97	521.84	507.81	2.78	ppb
Boron	11-1	507.67	505.95	522.40	512.01	1.77	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	476.87	475.05	477.28	476.40	0.25	ppb
Cadmium	106-1	493.98	471.96	495.76	487.23	2.72	ppb
Cadmium	108-1	482.88	474.13	468.79	475.27	1.50	ppb
Calcium	43-1	249584.17	252509.00	256291.02	252794.73	1.33	ppb
Calcium	44-1	242261.73	249376.19	249986.37	247208.09	1.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	499.16	508.54	505.52	504.40	0.95	ppb
Cobalt	59-2	506.58	497.91	497.98	500.82	1.00	ppb
Copper	63-2	5506.93	5400.67	5440.84	5449.48	0.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				93		%
Indium	115-1				89		%
Indium	115-2				86		%
Iron	56-2	126479.30	127570.87	125115.93	126388.70	0.97	ppb
Iron	57-2	126527.90	123842.64	125971.88	125447.47	1.13	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	CCV17	Instrumnet Name :	P7
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 16:03:38	DataFile Name :	057CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	126633.89	127815.27	127280.42	127243.19	0.46	ppb
Krypton	83-1						cps
Lead	206-1	2712.14	2689.27	2692.98	2698.13	0.45	ppb
Lead	207-1	2668.48	2634.74	2626.96	2643.39	0.83	ppb
Lead	208-1	2650.64	2634.42	2644.05	2643.04	0.31	ppb
Lithium	6-1				89		%
Magnesium	24-2	267294.99	263315.20	262976.93	264529.04	0.91	ppb
Manganese	55-2	5229.16	5229.45	5262.70	5240.43	0.37	ppb
Molybdenum	94-1	2367.49	2431.24	2414.76	2404.50	1.38	ppb
Molybdenum	95-1	2446.52	2496.95	2471.38	2471.62	1.02	ppb
Molybdenum	96-1	2443.79	2455.42	2461.67	2453.63	0.37	ppb
Molybdenum	97-1	2370.27	2401.96	2417.83	2396.69	1.01	ppb
Molybdenum	98-1	2444.02	2482.44	2470.61	2465.69	0.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	544.16	538.57	541.69	541.47	0.52	ppb
Phosphorus	31-2	10010.17	10098.10	10071.81	10060.03	0.45	ppb
Potassium	39-2	129227.05	131355.03	129964.97	130182.35	0.83	ppb
Rhodium	103-1				90		%
Rhodium	103-2				88		%
Scandium	45-1				94		%
Scandium	45-2				91		%
Selenium	82-1	519.05	542.89	532.63	531.52	2.25	ppb
Selenium	77-2	553.95	556.96	565.02	558.64	1.02	ppb
Selenium	78-2	549.20	556.72	544.76	550.23	1.10	ppb
Silicon	28-1	432.92	456.68	455.15	448.25	2.97	ppb
Silver	107-1	502.81	495.66	497.78	498.75	0.74	ppb
Silver	109-1	505.17	501.99	507.49	504.89	0.55	ppb
Sodium	23-2	267644.84	266387.77	262889.70	265640.77	0.93	ppb
Strontium	86-1	5001.52	4986.28	5129.59	5039.13	1.56	ppb
Strontium	88-1	4908.16	5054.84	5056.45	5006.49	1.70	ppb
Sulfur	34-1	10380.02	11238.79	10641.78	10753.53	4.09	ppb
Terbium	159-1				98		%
Terbium	159-2				93		%
Thallium	203-1	511.84	510.80	514.08	512.24	0.33	ppb
Thallium	205-1	490.34	492.72	496.95	493.34	0.68	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	CCV17	Instrumnet Name :	P7
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 16:03:38	DataFile Name :	057CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	504.86	514.15	501.76	506.92	1.27	ppb
Tin	118-1	470.31	478.13	471.53	473.32	0.89	ppb
Titanium	47-1	2450.07	2526.76	2485.23	2487.35	1.54	ppb
Uranium	238-1	456.53	462.63	466.62	461.93	1.10	ppb
Vanadium	51-2	505.29	504.70	506.97	505.66	0.23	ppb
Yttrium	89-1				97		%
Yttrium	89-2				90		%
Zinc	66-2	5255.72	5164.26	5208.70	5209.56	0.88	ppb
Zirconium	90-1	471.64	479.68	480.14	477.16	1.00	ppb
Zirconium	91-1	477.48	487.12	485.90	483.50	1.09	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	CCB17	Instrumnet Name :	P7
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 16:13:31	DataFile Name :	058CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.20	-2.21	-2.88	-2.43		ppb
Antimony	121-1	0.07	0.08	0.08	0.08	9.00	ppb
Arsenic	75-2	0.06	0.03	0.02	0.03	52.09	ppb
Barium	135-1	0.11	0.11	0.06	0.09	32.98	ppb
Barium	137-1	0.09	0.09	0.07	0.08	17.78	ppb
Beryllium	9-1	0.38	0.28	0.29	0.32	16.24	ppb
Bismuth	209-1				91		%
Bismuth	209-2				86		%
Boron	10-1	3.64	4.51	3.34	3.83	15.84	ppb
Boron	11-1	3.63	3.24	3.48	3.45	5.71	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.05	0.02	0.02	0.03	57.96	ppb
Cadmium	106-1	0.35	-0.85	-1.68	-0.73		ppb
Cadmium	108-1	0.78	0.78	0.75	0.77	2.42	ppb
Calcium	43-1	2.09	4.46	11.14	5.90	79.60	ppb
Calcium	44-1	-5.70	-2.14	-5.59	-4.48		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	-0.01	-0.03	-0.02		ppb
Cobalt	59-2	0.03	0.03	0.03	0.03	6.77	ppb
Copper	63-2	0.23	0.25	0.16	0.21	22.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				92		%
Indium	115-1				94		%
Indium	115-2				91		%
Iron	56-2	3.11	2.80	2.52	2.81	10.45	ppb
Iron	57-2	7.22	9.40	8.40	8.34	13.07	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	CCB17	Instrumnet Name :	P7
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 16:13:31	DataFile Name :	058CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	1.49	1.59	2.02	1.70	16.34	ppb
Krypton	83-1						cps
Lead	206-1	0.52	0.55	0.50	0.52	5.28	ppb
Lead	207-1	0.53	0.50	0.49	0.51	4.17	ppb
Lead	208-1	0.53	0.49	0.50	0.51	4.54	ppb
Lithium	6-1				93		%
Magnesium	24-2	9.94	8.34	7.75	8.68	13.05	ppb
Manganese	55-2	0.19	0.19	0.19	0.19	0.92	ppb
Molybdenum	94-1	0.12	0.10	0.08	0.10	21.83	ppb
Molybdenum	95-1	0.08	0.07	0.06	0.07	11.41	ppb
Molybdenum	96-1	0.15	0.14	0.12	0.14	11.26	ppb
Molybdenum	97-1	0.13	0.16	0.10	0.13	21.92	ppb
Molybdenum	98-1	0.14	0.12	0.13	0.13	6.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.06	0.08	0.06	37.48	ppb
Phosphorus	31-2	7.74	4.76	-4.02	2.83	216.21	ppb
Potassium	39-2	100.28	102.63	85.88	96.26	9.42	ppb
Rhodium	103-1				94		%
Rhodium	103-2				92		%
Scandium	45-1				93		%
Scandium	45-2				92		%
Selenium	82-1	0.00	0.17	0.28	0.15	92.92	ppb
Selenium	77-2	0.02	0.17	0.01	0.07	137.96	ppb
Selenium	78-2	0.24	0.49	0.16	0.30	56.72	ppb
Silicon	28-1	-25.10	-27.22	-21.27	-24.53		ppb
Silver	107-1	0.13	0.06	0.05	0.08	54.84	ppb
Silver	109-1	0.12	0.09	0.05	0.08	42.42	ppb
Sodium	23-2	126.90	127.57	120.90	125.12	2.94	ppb
Strontium	86-1	0.09	0.25	0.29	0.21	51.33	ppb
Strontium	88-1	0.19	0.18	0.16	0.18	7.86	ppb
Sulfur	34-1	-1550.58	-1698.63	-687.64	-1312.28		ppb
Terbium	159-1				99		%
Terbium	159-2				92		%
Thallium	203-1	0.08	0.08	0.07	0.08	6.04	ppb
Thallium	205-1	0.09	0.07	0.06	0.07	22.78	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	CCB17	Instrumnet Name :	P7
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 16:13:31	DataFile Name :	058CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.03	0.02	0.02	0.02	19.21	ppb
Tin	118-1	0.04	0.09	0.05	0.06	47.37	ppb
Titanium	47-1	0.20	0.34	0.14	0.23	45.26	ppb
Uranium	238-1	0.03	0.03	0.02	0.02	27.25	ppb
Vanadium	51-2	0.03	0.02	0.01	0.02	38.64	ppb
Yttrium	89-1				99		%
Yttrium	89-2				91		%
Zinc	66-2	0.41	0.21	-0.02	0.20	105.28	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	37.47	ppb
Zirconium	91-1	0.01	0.02	0.03	0.02	59.76	ppb

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 11:57:52	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1078	1022	911	1004	8.46	cps
Antimony	121-1	150	100	108	119	22.43	cps
Arsenic	75-2	35	30	41	35	15.79	cps
Barium	135-1	17	33	8	19	65.47	cps
Barium	137-1	42	42	58	47	20.37	cps
Beryllium	9-1	100	97	110	102	6.79	cps
Bismuth	209-1	4125624	4118402	4095181	4113069	0.39	cps
Bismuth	209-2	2787259	2790964	2768863	2782362	0.43	cps
Boron	10-1	92	125	183	133	34.80	cps
Boron	11-1	550	500	567	539	6.44	cps
Bromine	81-1	642	725	908	758	17.99	cps
Bromine	81-2	120	40	90	83	48.50	cps
Cadmium	111-1	442	464	386	431	9.31	cps
Cadmium	106-1	4426	4618	3951	4331	7.93	cps
Cadmium	108-1	25	50	54	43	36.64	cps
Calcium	43-1	383	425	383	397	6.06	cps
Calcium	44-1	41316	42110	42385	41937	1.32	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3604	3310	3300	3405	5.06	cps
Cobalt	59-2	87	77	67	77	13.04	cps
Copper	63-2	2290	2080	2087	2152	5.55	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	7	13	7	9	43.25	cps
Erbium	164-1	75	50	42	56	31.22	cps
Erbium	164-2	37	27	23	29	24.03	cps
Gadolinium	160-1	83	58	100	81	26.03	cps
Gadolinium	160-2	133	147	117	132	11.37	cps
Holmium	165-1	6496714	6496403	6394295	6462471	0.91	cps
Holmium	165-2	4098191	4141565	4078275	4106010	0.79	cps
Indium	115-1	5813985	5761535	5770381	5781967	0.49	cps
Indium	115-2	2223653	2237563	2243965	2235060	0.46	cps
Iron	56-2	13784	13406	13056	13416	2.72	cps
Iron	57-2	2317	2428	2561	2435	5.03	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 11:57:52	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	5507	5477	5397	5460	1.04	cps
Krypton	83-1	557	593	630	593	6.18	cps
Lead	206-1	517	456	600	524	13.84	cps
Lead	207-1	467	467	456	463	1.39	cps
Lead	208-1	2033	2195	2083	2104	3.92	cps
Lithium	6-1	692690	702471	709673	701611	1.21	cps
Magnesium	24-2	1722	1878	1772	1791	4.44	cps
Manganese	55-2	483	423	480	462	7.30	cps
Molybdenum	94-1	300	208	292	267	19.01	cps
Molybdenum	95-1	75	92	42	69	36.66	cps
Molybdenum	96-1	100	150	33	94	61.98	cps
Molybdenum	97-1	8	8	33	17	86.62	cps
Molybdenum	98-1	67	50	42	53	24.12	cps
Neodymium	150-1	7	7	20	11	69.25	cps
Neodymium	150-2	13	0	3	6	124.93	cps
Nickel	60-2	283	300	343	309	10.03	cps
Phosphorus	31-2	3217	3317	3234	3256	1.65	cps
Potassium	39-2	333992	338713	335457	336054	0.72	cps
Rhodium	103-1	5361795	5380501	5342533	5361610	0.35	cps
Rhodium	103-2	3845006	3913636	3862755	3873799	0.92	cps
Scandium	45-1	3450057	3401760	3436812	3429543	0.73	cps
Scandium	45-2	475439	478384	477833	477219	0.33	cps
Selenium	82-1	37	56	-9	28	119.28	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	217	187	196	200	7.58	cps
Silicon	28-1	1474092	1480315	1470305	1474904	0.34	cps
Silver	107-1	117	117	117	117	0.00	cps
Silver	109-1	25	33	50	36	35.25	cps
Sodium	23-2	99868	100813	99845	100175	0.55	cps
Strontium	86-1	975	975	958	970	0.99	cps
Strontium	88-1	475	317	417	403	19.88	cps
Sulfur	34-1	1316663	1318829	1303444	1312979	0.63	cps
Terbium	159-1	7007542	7069309	6787259	6954703	2.13	cps
Terbium	159-2	4340322	4331961	4350564	4340949	0.21	cps
Thallium	203-1	108	50	100	86	36.64	cps
Thallium	205-1	167	175	150	164	7.77	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 11:57:52	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	100	61	56	72	33.53	cps
Tin	118-1	775	833	808	806	3.63	cps
Titanium	47-1	425	300	367	364	17.19	cps
Uranium	238-1	58	17	33	36	58.07	cps
Vanadium	51-2	37	23	30	30	22.23	cps
Yttrium	89-1	10133062	10283073	10231803	10215980	0.75	cps
Yttrium	89-2	3202093	3241874	3229411	3224459	0.63	cps
Zinc	66-2	1713	1670	1820	1735	4.45	cps
Zirconium	90-1	617	683	467	589	18.84	cps
Zirconium	91-1	125	92	125	114	16.90	cps

LB Number : LB116918 Operator : JASWAL
 Lab Sample ID : S1 Instrumnet Name : P7
 Client Sample ID : S1 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-19 12:01:02 DataFile Name : 004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	Rejected	Rejected	Rejected			cps
Antimony	121-1	1625	1458	1458	1514	6.36	cps
Arsenic	75-2	109	102	133	115	14.33	cps
Barium	135-1	1458	1492	1300	1417	7.23	cps
Barium	137-1	2392	2400	2184	2325	5.28	cps
Beryllium	9-1	237	213	213	221	6.09	cps
Bismuth	209-1	4163126	4194390	4107819	4155112	1.06	cps
Bismuth	209-2	2780886	2834393	2844920	2820066	1.22	cps
Boron	10-1	583	442	442	489	16.73	cps
Boron	11-1	2159	2250	1934	2114	7.71	cps
Bromine	81-1	792	750	833	792	5.26	cps
Bromine	81-2	90	40	90	73	39.36	cps
Cadmium	111-1	596	609	606	604	1.12	cps
Cadmium	106-1	4342	4643	4367	4451	3.74	cps
Cadmium	108-1	54	67	38	53	27.73	cps
Calcium	43-1	1208	1125	1100	1144	4.96	cps
Calcium	44-1	54523	53085	54230	53946	1.41	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	Rejected	Rejected	Rejected			cps
Cobalt	59-2	607	537	637	593	8.65	cps
Copper	63-2	2770	2817	2857	2815	1.54	cps
Dysprosium	156-1	17	0	25	14	91.65	cps
Dysprosium	156-2	3	10	7	7	50.03	cps
Erbium	164-1	42	83	25	50	60.09	cps
Erbium	164-2	30	13	30	24	39.37	cps
Gadolinium	160-1	67	108	108	94	25.47	cps
Gadolinium	160-2	103	137	140	127	16.01	cps
Holmium	165-1	6391065	6625998	6350001	6455688	2.31	cps
Holmium	165-2	4104390	4186365	4159640	4150132	1.01	cps
Indium	115-1	5837273	5866148	5805281	5836234	0.52	cps
Indium	115-2	2259606	2293127	2290276	2281003	0.81	cps
Iron	56-2	28205	28300	27404	27969	1.76	cps
Iron	57-2	2956	2711	2878	2848	4.39	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	S1	Instrumnet Name :	P7
Client Sample ID :	S1	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:01:02	DataFile Name :	004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	6047	6087	6298	6144	2.19	cps
Krypton	83-1	600	593	637	610	3.83	cps
Lead	206-1	906	756	822	828	9.08	cps
Lead	207-1	633	639	600	624	3.37	cps
Lead	208-1	3339	3278	3122	3247	3.44	cps
Lithium	6-1	701474	707688	704057	704406	0.44	cps
Magnesium	24-2	19346	19357	19813	19505	1.37	cps
Manganese	55-2	743	670	713	709	5.20	cps
Molybdenum	94-1	1242	1517	1067	1275	17.79	cps
Molybdenum	95-1	1342	1142	1500	1328	13.52	cps
Molybdenum	96-1	1275	1550	1508	1445	10.26	cps
Molybdenum	97-1	825	783	908	839	7.59	cps
Molybdenum	98-1	1733	2159	1942	1945	10.93	cps
Neodymium	150-1	13	7	13	11	34.61	cps
Neodymium	150-2	13	3	0	6	124.93	cps
Nickel	60-2	453	397	463	438	8.21	cps
Phosphorus	31-2	3234	3184	3134	3184	1.57	cps
Potassium	39-2	359323	359125	362640	360362	0.55	cps
Rhodium	103-1	5527162	5484005	5411885	5474351	1.06	cps
Rhodium	103-2	3883357	3913454	3963859	3920223	1.04	cps
Scandium	45-1	3413724	3493638	3447340	3451567	1.16	cps
Scandium	45-2	479732	489376	493190	487433	1.42	cps
Selenium	82-1	Rejected	Rejected	Rejected			cps
Selenium	77-2	17	27	0	14	93.26	cps
Selenium	78-2	296	233	250	260	12.55	cps
Silicon	28-1	1467639	1452384	1453098	1457707	0.59	cps
Silver	107-1	675	825	800	767	10.48	cps
Silver	109-1	650	667	742	686	7.12	cps
Sodium	23-2	126381	128425	129860	128222	1.36	cps
Strontium	86-1	1275	1033	1092	1133	11.13	cps
Strontium	88-1	2075	2017	2042	2045	1.43	cps
Sulfur	34-1	1327556	1320240	1306328	1318041	0.82	cps
Terbium	159-1	7027211	7098834	6878677	7001574	1.60	cps
Terbium	159-2	4357332	4457001	4451018	4421784	1.26	cps
Thallium	203-1	517	525	467	503	6.28	cps
Thallium	205-1	1267	1358	1233	1286	5.03	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	S1	Instrumnet Name :	P7
Client Sample ID :	S1	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:01:02	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	83	72	78	78	7.14	cps
Tin	118-1	2500	2809	2734	2681	6.00	cps
Titanium	47-1	742	742	825	769	6.25	cps
Uranium	238-1	908	1042	1042	997	7.72	cps
Vanadium	51-2	1697	1513	1580	1597	5.81	cps
Yttrium	89-1	10137170	10379809	10232912	10249964	1.19	cps
Yttrium	89-2	3244327	3243216	3268780	3252108	0.44	cps
Zinc	66-2	Rejected	Rejected	Rejected			cps
Zirconium	90-1	1450	1183	1500	1378	12.36	cps
Zirconium	91-1	342	342	275	319	12.05	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:04:10	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5223	5145	4884	5084	3.49	cps
Antimony	121-1	15184	14424	14833	14814	2.56	cps
Arsenic	75-2	1048	965	961	991	4.96	cps
Barium	135-1	12948	13265	12906	13040	1.50	cps
Barium	137-1	22886	23495	24455	23612	3.35	cps
Beryllium	9-1	1077	1023	1193	1098	7.92	cps
Bismuth	209-1	4016810	4051347	4065626	4044594	0.62	cps
Bismuth	209-2	2709896	2680396	2770234	2720175	1.68	cps
Boron	10-1	3209	3325	3234	3256	1.89	cps
Boron	11-1	17719	17327	17435	17494	1.16	cps
Bromine	81-1	767	917	883	856	9.21	cps
Bromine	81-2	50	50	60	53	10.83	cps
Cadmium	111-1	1658	1716	1986	1787	9.82	cps
Cadmium	106-1	4217	4593	4659	4490	5.31	cps
Cadmium	108-1	175	188	138	167	15.61	cps
Calcium	43-1	7641	7933	8383	7985	4.68	cps
Calcium	44-1	159216	162476	162485	161392	1.17	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	10504	10324	10170	10333	1.62	cps
Cobalt	59-2	5398	5198	5581	5392	3.56	cps
Copper	63-2	9076	9050	8553	8893	3.32	cps
Dysprosium	156-1	8	0	25	11	114.58	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	33	50	75	53	39.74	cps
Erbium	164-2	37	23	17	26	39.85	cps
Gadolinium	160-1	92	17	83	64	64.34	cps
Gadolinium	160-2	170	123	123	139	19.40	cps
Holmium	165-1	6124404	6181577	6236822	6180934	0.91	cps
Holmium	165-2	4084696	4048743	4051536	4061658	0.49	cps
Indium	115-1	5577377	5693408	5713352	5661379	1.30	cps
Indium	115-2	2202975	2174454	2200395	2192608	0.72	cps
Iron	56-2	171409	171841	172641	171964	0.36	cps
Iron	57-2	6379	6190	6602	6390	3.22	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:04:10	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	14843	14241	14853	14646	2.39	cps
Krypton	83-1	497	527	583	536	8.22	cps
Lead	206-1	4045	4356	4156	4186	3.77	cps
Lead	207-1	3645	3562	3612	3606	1.16	cps
Lead	208-1	16315	16471	15709	16165	2.49	cps
Lithium	6-1	701861	704487	707210	704519	0.38	cps
Magnesium	24-2	187070	185811	188488	187123	0.72	cps
Manganese	55-2	2900	2824	2694	2806	3.72	cps
Molybdenum	94-1	10162	10329	10871	10454	3.54	cps
Molybdenum	95-1	12522	12973	12823	12773	1.80	cps
Molybdenum	96-1	14341	13999	13991	14110	1.42	cps
Molybdenum	97-1	7811	7786	7569	7722	1.72	cps
Molybdenum	98-1	21333	19672	20373	20460	4.08	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	1757	1630	1537	1641	6.73	cps
Phosphorus	31-2	3284	3267	3450	3334	3.04	cps
Potassium	39-2	571850	561684	560188	564574	1.12	cps
Rhodium	103-1	5275674	5334875	5417455	5342668	1.33	cps
Rhodium	103-2	3814270	3740756	3819658	3791561	1.16	cps
Scandium	45-1	3310437	3371059	3409149	3363548	1.48	cps
Scandium	45-2	479600	468148	469110	472286	1.35	cps
Selenium	82-1	1040	988	807	945	12.97	cps
Selenium	77-2	107	113	120	113	5.88	cps
Selenium	78-2	609	585	598	598	2.02	cps
Silicon	28-1	1620895	1638420	1641079	1633464	0.67	cps
Silver	107-1	6310	6885	6935	6710	5.18	cps
Silver	109-1	6660	5960	6427	6349	5.62	cps
Sodium	23-2	429996	423936	432042	428658	0.98	cps
Strontium	86-1	2717	2725	2834	2759	2.36	cps
Strontium	88-1	17144	16476	16710	16777	2.02	cps
Sulfur	34-1	1347081	1353125	1347909	1349372	0.24	cps
Terbium	159-1	6740937	6868708	6872866	6827504	1.10	cps
Terbium	159-2	4384896	4271720	4322095	4326237	1.31	cps
Thallium	203-1	4643	4142	4593	4459	6.18	cps
Thallium	205-1	11147	10438	10354	10646	4.09	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:04:10	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	111	67	44	74	45.82	cps
Tin	118-1	21575	21383	21584	21514	0.53	cps
Titanium	47-1	4067	3851	3834	3917	3.32	cps
Uranium	238-1	10313	9954	10413	10227	2.36	cps
Vanadium	51-2	15565	16276	15615	15819	2.51	cps
Yttrium	89-1	9799621	10113777	9991496	9968298	1.59	cps
Yttrium	89-2	3210269	3127967	3156947	3165061	1.32	cps
Zinc	66-2	3687	3420	3487	3532	3.93	cps
Zirconium	90-1	9203	9287	8728	9073	3.32	cps
Zirconium	91-1	1934	1984	1884	1934	2.59	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:12:44	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	185831	190060	190015	188635	1.29	cps
Antimony	121-1	372122	378846	384687	378551	1.66	cps
Arsenic	75-2	51069	51295	51890	51418	0.82	cps
Barium	135-1	344740	347403	349676	347273	0.71	cps
Barium	137-1	601980	603333	609386	604899	0.65	cps
Beryllium	9-1	52012	52283	52190	52162	0.26	cps
Bismuth	209-1	4003967	4060870	4040604	4035147	0.71	cps
Bismuth	209-2	2724102	2728185	2725478	2725922	0.08	cps
Boron	10-1	7002	7369	7410	7260	3.10	cps
Boron	11-1	37096	37205	37723	37341	0.90	cps
Bromine	81-1	625	808	767	733	13.10	cps
Bromine	81-2	80	70	40	63	32.87	cps
Cadmium	111-1	75391	73976	74689	74685	0.95	cps
Cadmium	106-1	12898	13298	13223	13140	1.62	cps
Cadmium	108-1	6193	6010	6643	6282	5.19	cps
Calcium	43-1	74830	77339	75799	75989	1.67	cps
Calcium	44-1	1265761	1247728	1253189	1255559	0.74	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	184213	184263	184607	184361	0.12	cps
Cobalt	59-2	269457	271526	271825	270936	0.48	cps
Copper	63-2	1884232	1904350	1912467	1900350	0.76	cps
Dysprosium	156-1	33	25	33	31	15.74	cps
Dysprosium	156-2	20	30	23	24	20.83	cps
Erbium	164-1	42	83	42	56	43.30	cps
Erbium	164-2	27	27	60	38	50.93	cps
Gadolinium	160-1	75	33	75	61	39.37	cps
Gadolinium	160-2	100	123	140	121	16.59	cps
Holmium	165-1	6249412	6309889	6310550	6289950	0.56	cps
Holmium	165-2	4099530	4087085	4123998	4103537	0.46	cps
Indium	115-1	5571827	5670703	5630162	5624231	0.88	cps
Indium	115-2	2150305	2185186	2194450	2176647	1.07	cps
Iron	56-2	7912261	7905003	7834311	7883859	0.55	cps
Iron	57-2	195797	196039	195539	195792	0.13	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:12:44	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	457841	458884	454937	457221	0.45	cps
Krypton	83-1	693	577	570	613	11.31	cps
Lead	206-1	920675	920427	898749	913284	1.38	cps
Lead	207-1	787282	789965	776812	784686	0.89	cps
Lead	208-1	3618259	3614643	3568790	3600564	0.77	cps
Lithium	6-1	698535	716194	700063	704931	1.39	cps
Magnesium	24-2	1920598	1937349	1939734	1932560	0.54	cps
Manganese	55-2	1211002	1214834	1211800	1212546	0.17	cps
Molybdenum	94-1	539865	539675	539019	539520	0.08	cps
Molybdenum	95-1	651519	655409	655967	654298	0.37	cps
Molybdenum	96-1	725309	727383	729066	727253	0.26	cps
Molybdenum	97-1	405086	405372	404091	404850	0.17	cps
Molybdenum	98-1	1036670	1044515	1043305	1041497	0.41	cps
Neodymium	150-1	20	47	13	27	66.16	cps
Neodymium	150-2	3	17	10	10	66.70	cps
Nickel	60-2	70626	71155	71128	70970	0.42	cps
Phosphorus	31-2	31709	32310	32636	32219	1.46	cps
Potassium	39-2	1530580	1537668	1540176	1536142	0.32	cps
Rhodium	103-1	5180283	5276405	5197880	5218189	0.98	cps
Rhodium	103-2	3691635	3761639	3720930	3724734	0.94	cps
Scandium	45-1	3338443	3454645	3409586	3400891	1.72	cps
Scandium	45-2	468002	466010	471008	468340	0.54	cps
Selenium	82-1	8833	9229	9183	9082	2.38	cps
Selenium	77-2	1220	1100	1133	1151	5.38	cps
Selenium	78-2	4101	3984	4093	4059	1.61	cps
Silicon	28-1	1820022	1812278	1801717	1811339	0.51	cps
Silver	107-1	353653	353203	355793	354216	0.39	cps
Silver	109-1	342382	336057	337778	338739	0.97	cps
Sodium	23-2	3448933	3456555	3451808	3452432	0.11	cps
Strontium	86-1	879929	868921	882178	877009	0.81	cps
Strontium	88-1	7866279	7702976	7742409	7770555	1.10	cps
Sulfur	34-1	1412731	1399675	1383246	1398550	1.06	cps
Terbium	159-1	6828547	7010727	7006411	6948562	1.50	cps
Terbium	159-2	4285475	4333251	4328961	4315896	0.61	cps
Thallium	203-1	225031	227879	228939	227283	0.89	cps
Thallium	205-1	524862	531967	527095	527975	0.69	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:12:44	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	622412	630895	627392	626900	0.68	cps
Tin	118-1	214650	215234	218812	216232	1.04	cps
Titanium	47-1	186382	190330	188905	188539	1.06	cps
Uranium	238-1	532367	529707	533394	531823	0.36	cps
Vanadium	51-2	161880	158538	161156	160525	1.10	cps
Yttrium	89-1	10216463	10072533	10291192	10193396	1.09	cps
Yttrium	89-2	3145289	3156838	3150749	3150959	0.18	cps
Zinc	66-2	429596	432732	438052	433460	0.99	cps
Zirconium	90-1	460538	449875	457375	455929	1.20	cps
Zirconium	91-1	101382	101130	103967	102160	1.54	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:15:53	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	449766	450536	445456	448586	0.61	cps
Antimony	121-1	932561	934737	955168	940822	1.33	cps
Arsenic	75-2	126139	126197	127346	126561	0.54	cps
Barium	135-1	854431	856844	868189	859821	0.85	cps
Barium	137-1	1476322	1508560	1511022	1498634	1.29	cps
Beryllium	9-1	131110	129977	129295	130127	0.70	cps
Bismuth	209-1	4038664	4111350	4037407	4062474	1.04	cps
Bismuth	209-2	2736040	2728735	2715259	2726678	0.39	cps
Boron	10-1	18445	17218	17594	17752	3.54	cps
Boron	11-1	91090	92506	92566	92054	0.91	cps
Bromine	81-1	725	708	808	747	7.17	cps
Bromine	81-2	60	50	40	50	20.00	cps
Cadmium	111-1	184090	180334	183254	182559	1.08	cps
Cadmium	106-1	26776	26567	26709	26684	0.40	cps
Cadmium	108-1	15158	15158	15475	15264	1.20	cps
Calcium	43-1	183024	188253	188455	186577	1.65	cps
Calcium	44-1	3016346	3059861	3021747	3032651	0.78	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	443774	442726	439871	442124	0.46	cps
Cobalt	59-2	659909	663782	662310	662000	0.30	cps
Copper	63-2	4535615	4578115	4533628	4549119	0.55	cps
Dysprosium	156-1	25	42	42	36	26.65	cps
Dysprosium	156-2	40	40	13	31	49.50	cps
Erbium	164-1	33	50	67	50	33.34	cps
Erbium	164-2	17	23	33	24	34.31	cps
Gadolinium	160-1	83	58	92	78	22.31	cps
Gadolinium	160-2	143	127	117	129	10.45	cps
Holmium	165-1	6261988	6414671	6562380	6413013	2.34	cps
Holmium	165-2	4096495	4139353	4065157	4100335	0.91	cps
Indium	115-1	5497257	5611431	5579778	5562822	1.06	cps
Indium	115-2	2105975	2118270	2140165	2121470	0.82	cps
Iron	56-2	19367430	19243225	19060364	19223673	0.80	cps
Iron	57-2	481294	477003	478305	478867	0.46	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:15:53	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1095442	1105071	1077916	1092809	1.26	cps
Krypton	83-1	603	640	543	596	8.19	cps
Lead	206-1	2244428	2221473	2271294	2245732	1.11	cps
Lead	207-1	1940083	1920932	1926976	1929330	0.51	cps
Lead	208-1	8857627	8882226	8841299	8860384	0.23	cps
Lithium	6-1	701018	704362	706023	703801	0.36	cps
Magnesium	24-2	4880695	4824648	4773206	4826183	1.11	cps
Manganese	55-2	2920388	2931857	2926100	2926115	0.20	cps
Molybdenum	94-1	1327968	1328107	1329264	1328446	0.05	cps
Molybdenum	95-1	1611012	1604602	1624706	1613440	0.64	cps
Molybdenum	96-1	1793235	1765802	1794527	1784521	0.91	cps
Molybdenum	97-1	996791	1011689	999539	1002673	0.79	cps
Molybdenum	98-1	2600983	2590582	2632654	2608073	0.84	cps
Neodymium	150-1	40	33	27	33	20.00	cps
Neodymium	150-2	10	30	20	20	50.00	cps
Nickel	60-2	172053	169184	169980	170406	0.87	cps
Phosphorus	31-2	74092	75533	75214	74946	1.01	cps
Potassium	39-2	3267036	3212577	3251745	3243786	0.87	cps
Rhodium	103-1	5203554	5211413	5256296	5223754	0.54	cps
Rhodium	103-2	3652264	3701848	3726292	3693468	1.02	cps
Scandium	45-1	3392090	3439850	3429788	3420576	0.74	cps
Scandium	45-2	463097	458794	464355	462082	0.63	cps
Selenium	82-1	22573	22192	22798	22521	1.36	cps
Selenium	77-2	2804	2984	2857	2881	3.21	cps
Selenium	78-2	9572	9637	9592	9600	0.35	cps
Silicon	28-1	2101882	2097454	2105018	2101451	0.18	cps
Silver	107-1	865313	870519	878097	871310	0.74	cps
Silver	109-1	844560	827433	833475	835156	1.04	cps
Sodium	23-2	8570877	8474875	8279947	8441900	1.76	cps
Strontium	86-1	2124759	2189298	2153906	2155988	1.50	cps
Strontium	88-1	18859308	18876936	18743001	18826415	0.39	cps
Sulfur	34-1	1425115	1418519	1395959	1413198	1.08	cps
Terbium	159-1	6861090	6826624	6985236	6890983	1.21	cps
Terbium	159-2	4338738	4299833	4362442	4333671	0.73	cps
Thallium	203-1	540202	549525	556368	548698	1.48	cps
Thallium	205-1	1286187	1294379	1317362	1299309	1.24	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:15:53	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	1568536	1576122	1559505	1568054	0.53	cps
Tin	118-1	532418	535797	539856	536024	0.69	cps
Titanium	47-1	464248	462073	472788	466369	1.21	cps
Uranium	238-1	1344505	1352834	1343105	1346815	0.39	cps
Vanadium	51-2	391082	393586	395037	393235	0.51	cps
Yttrium	89-1	10133421	10288469	10110354	10177415	0.95	cps
Yttrium	89-2	3087859	3097677	3110745	3098760	0.37	cps
Zinc	66-2	1035371	1050113	1037599	1041028	0.76	cps
Zirconium	90-1	1122441	1123612	1125907	1123987	0.16	cps
Zirconium	91-1	253672	255378	254171	254407	0.34	cps

LB Number : LB116918 Operator : JASWAL
 Lab Sample ID : S5 Instrumnet Name : P7
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-19 12:18:59 DataFile Name : 009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	867715	867492	879151	871453	0.77	cps
Antimony	121-1	1878118	1881031	1893886	1884345	0.45	cps
Arsenic	75-2	251366	252140	252929	252145	0.31	cps
Barium	135-1	1684381	1699327	1719145	1700951	1.03	cps
Barium	137-1	2938002	2966210	2988473	2964228	0.85	cps
Beryllium	9-1	252000	256897	256401	255099	1.06	cps
Bismuth	209-1	3901085	4000734	3947370	3949730	1.26	cps
Bismuth	209-2	2669374	2713452	2690953	2691260	0.82	cps
Boron	10-1	33780	35467	35083	34777	2.54	cps
Boron	11-1	177624	181260	183686	180857	1.69	cps
Bromine	81-1	750	900	1000	883	14.25	cps
Bromine	81-2	80	90	10	60	72.65	cps
Cadmium	111-1	364664	364620	365465	364916	0.13	cps
Cadmium	106-1	48943	49454	48676	49025	0.81	cps
Cadmium	108-1	29560	29280	30979	29940	3.04	cps
Calcium	43-1	363428	364546	364897	364290	0.21	cps
Calcium	44-1	5650518	5709049	5656625	5672064	0.57	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	853626	860815	874378	862939	1.22	cps
Cobalt	59-2	1304048	1308445	1301557	1304683	0.27	cps
Copper	63-2	9307343	9463427	9323722	9364831	0.92	cps
Dysprosium	156-1	133	58	67	86	47.74	cps
Dysprosium	156-2	103	63	70	79	27.17	cps
Erbium	164-1	50	50	117	72	53.30	cps
Erbium	164-2	37	33	20	30	29.40	cps
Gadolinium	160-1	83	42	158	94	62.60	cps
Gadolinium	160-2	140	153	147	147	4.55	cps
Holmium	165-1	6163888	6333378	6557328	6351531	3.11	cps
Holmium	165-2	4126978	4113488	4082832	4107766	0.55	cps
Indium	115-1	5435357	5460719	5527436	5474504	0.87	cps
Indium	115-2	2117235	2117243	2101137	2111872	0.44	cps
Iron	56-2	37542419	38268631	38033897	37948316	0.98	cps
Iron	57-2	929101	946186	954355	943214	1.37	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:18:59	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	2155794	2204399	2168284	2176159	1.16	cps
Krypton	83-1	633	510	663	602	13.49	cps
Lead	206-1	4420007	4485516	4437291	4447605	0.76	cps
Lead	207-1	3805478	3830172	3810671	3815441	0.34	cps
Lead	208-1	18117634	18094528	18200419	18137527	0.31	cps
Lithium	6-1	675916	674400	682988	677768	0.68	cps
Magnesium	24-2	9286708	9312852	9297512	9299024	0.14	cps
Manganese	55-2	5785023	5937298	5765069	5829130	1.62	cps
Molybdenum	94-1	2639486	2676139	2647559	2654394	0.73	cps
Molybdenum	95-1	3271030	3239050	3244768	3251616	0.52	cps
Molybdenum	96-1	3586345	3556663	3596855	3579954	0.58	cps
Molybdenum	97-1	1966675	1985977	2000316	1984323	0.85	cps
Molybdenum	98-1	5179889	5197033	5215311	5197411	0.34	cps
Neodymium	150-1	100	140	93	111	22.71	cps
Neodymium	150-2	7	30	27	21	59.77	cps
Nickel	60-2	333431	342716	330765	335637	1.87	cps
Phosphorus	31-2	142356	141271	143643	142423	0.83	cps
Potassium	39-2	5753568	5757580	5852427	5787858	0.97	cps
Rhodium	103-1	5027886	5129191	5197141	5118073	1.66	cps
Rhodium	103-2	3621486	3709650	3636838	3655991	1.29	cps
Scandium	45-1	3321652	3386452	3378778	3362294	1.05	cps
Scandium	45-2	453206	455867	459070	456048	0.64	cps
Selenium	82-1	44701	45176	45367	45082	0.76	cps
Selenium	77-2	5871	5898	5554	5775	3.31	cps
Selenium	78-2	19196	19667	19255	19373	1.32	cps
Silicon	28-1	2568477	2594437	2571174	2578029	0.55	cps
Silver	107-1	1743336	1750086	1736765	1743396	0.38	cps
Silver	109-1	1641928	1649146	1658912	1649995	0.52	cps
Sodium	23-2	16533524	16267125	16215497	16338715	1.04	cps
Strontium	86-1	4236749	4288185	4296541	4273825	0.76	cps
Strontium	88-1	36825384	37896116	37690828	37470776	1.52	cps
Sulfur	34-1	1459780	1437690	1441335	1446268	0.82	cps
Terbium	159-1	6719963	6958035	6957408	6878469	2.00	cps
Terbium	159-2	4329104	4322730	4303441	4318425	0.31	cps
Thallium	203-1	1093002	1091602	1099967	1094857	0.41	cps
Thallium	205-1	2585033	2611562	2594737	2597111	0.52	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:18:59	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	3120156	3146754	3140009	3135640	0.44	cps
Tin	118-1	1068068	1057087	1061206	1062120	0.52	cps
Titanium	47-1	930761	917473	929993	926076	0.81	cps
Uranium	238-1	2664105	2687598	2702928	2684877	0.73	cps
Vanadium	51-2	776408	784142	791941	784164	0.99	cps
Yttrium	89-1	9895151	9918577	10212812	10008846	1.77	cps
Yttrium	89-2	3092213	3106529	3062974	3087238	0.72	cps
Zinc	66-2	2056866	2070483	2069169	2065506	0.36	cps
Zirconium	90-1	2198770	2256903	2259382	2238352	1.53	cps
Zirconium	91-1	490759	504382	499618	498253	1.39	cps

LB Number : LB116918 Operator : JASWAL
 Lab Sample ID : S6 Instrumnet Name : P7
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-19 12:22:15 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1720469	1702681	1700987	1708045	0.63	cps
Antimony	121-1	3724888	3775895	3849426	3783403	1.65	cps
Arsenic	75-2	505220	503431	499802	502818	0.55	cps
Barium	135-1	3337783	3408340	3431671	3392598	1.44	cps
Barium	137-1	5854988	5961275	5926700	5914321	0.92	cps
Beryllium	9-1	496295	498804	496300	497133	0.29	cps
Bismuth	209-1	3926831	3933562	3976243	3945545	0.68	cps
Bismuth	209-2	2692665	2654227	2676812	2674568	0.72	cps
Boron	10-1	67760	69535	68170	68488	1.36	cps
Boron	11-1	358269	359542	363488	360433	0.76	cps
Bromine	81-1	1000	1042	925	989	5.98	cps
Bromine	81-2	30	50	40	40	25.00	cps
Cadmium	111-1	729393	736523	725697	730538	0.75	cps
Cadmium	106-1	93507	93164	93850	93507	0.37	cps
Cadmium	108-1	59332	60382	60917	60210	1.34	cps
Calcium	43-1	730236	727705	711643	723194	1.39	cps
Calcium	44-1	11359891	11070811	11188835	11206512	1.30	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1705415	1728768	1717917	1717367	0.68	cps
Cobalt	59-2	2573478	2584416	2570253	2576049	0.29	cps
Copper	63-2	18557291	18445465	18581389	18528048	0.39	cps
Dysprosium	156-1	192	217	167	192	13.05	cps
Dysprosium	156-2	160	137	163	153	9.48	cps
Erbium	164-1	58	108	108	92	31.50	cps
Erbium	164-2	67	43	43	51	26.37	cps
Gadolinium	160-1	92	100	150	114	27.70	cps
Gadolinium	160-2	187	217	217	207	8.38	cps
Holmium	165-1	6263823	6338429	6430663	6344305	1.32	cps
Holmium	165-2	4123482	4098033	4169763	4130426	0.88	cps
Indium	115-1	5449275	5505629	5400946	5451950	0.96	cps
Indium	115-2	2098774	2091747	2094051	2094857	0.17	cps
Iron	56-2	75284102	75857254	75002343	75381233	0.58	cps
Iron	57-2	1845599	1874871	1857030	1859167	0.79	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:22:15	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	4267349	4262031	4289207	4272862	0.34	cps
Krypton	83-1	623	577	593	598	3.96	cps
Lead	206-1	9239706	9389245	9561468	9396806	1.71	cps
Lead	207-1	8183865	8229622	8286871	8233453	0.63	cps
Lead	208-1	37080860	37344118	37829576	37418184	1.02	cps
Lithium	6-1	671449	678072	683256	677592	0.87	cps
Magnesium	24-2	18313327	18097153	18251403	18220628	0.61	cps
Manganese	55-2	11433665	11657431	11536184	11542427	0.97	cps
Molybdenum	94-1	5292340	5337136	5340082	5323186	0.50	cps
Molybdenum	95-1	6444092	6541079	6475258	6486810	0.76	cps
Molybdenum	96-1	7117328	7338758	7160706	7205597	1.63	cps
Molybdenum	97-1	3959422	4043639	4085858	4029640	1.60	cps
Molybdenum	98-1	10232254	10498077	10514553	10414961	1.52	cps
Neodymium	150-1	167	140	213	173	21.42	cps
Neodymium	150-2	63	43	43	50	23.10	cps
Nickel	60-2	660117	665563	659942	661874	0.48	cps
Phosphorus	31-2	284057	279983	281895	281978	0.72	cps
Potassium	39-2	11150999	11142877	11057951	11117276	0.46	cps
Rhodium	103-1	5070305	5181440	5144429	5132058	1.10	cps
Rhodium	103-2	3648183	3633447	3625636	3635756	0.31	cps
Scandium	45-1	3372637	3378436	3370552	3373875	0.12	cps
Scandium	45-2	454000	458484	458331	456938	0.56	cps
Selenium	82-1	89091	90107	89324	89507	0.59	cps
Selenium	77-2	11588	11588	11224	11467	1.83	cps
Selenium	78-2	37897	37727	37489	37704	0.54	cps
Silicon	28-1	3496553	3590404	3579386	3555448	1.44	cps
Silver	107-1	3414087	3459686	3421165	3431646	0.72	cps
Silver	109-1	3271112	3315401	3328117	3304877	0.91	cps
Sodium	23-2	32399581	32218281	32401049	32339637	0.32	cps
Strontium	86-1	8444690	8431738	8829890	8568773	2.64	cps
Strontium	88-1	74453137	74470173	76245885	75056398	1.37	cps
Sulfur	34-1	1573036	1563851	1544608	1560498	0.93	cps
Terbium	159-1	6821235	6849941	6881723	6850966	0.44	cps
Terbium	159-2	4367043	4320525	4354711	4347427	0.55	cps
Thallium	203-1	2185042	2159677	2174095	2172938	0.59	cps
Thallium	205-1	5155704	5107433	5246228	5169788	1.36	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:22:15	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	7093999	6911167	6802660	6935942	2.12	cps
Tin	118-1	2124845	2143406	2164635	2144295	0.93	cps
Titanium	47-1	1820534	1865705	1842703	1842981	1.23	cps
Uranium	238-1	5373867	5360940	5391632	5375480	0.29	cps
Vanadium	51-2	1545560	1554803	1559518	1553294	0.46	cps
Yttrium	89-1	10027735	10137448	10230516	10131899	1.00	cps
Yttrium	89-2	3135768	3090099	3092264	3106044	0.83	cps
Zinc	66-2	4120562	4114095	4092515	4109057	0.36	cps
Zirconium	90-1	4480763	4526039	4547377	4518060	0.75	cps
Zirconium	91-1	987179	1013021	1021226	1007142	1.76	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:25:15	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3361401	3355973	3393733	3370369	0.61	cps
Antimony	121-1	7593774	7690174	7841787	7708578	1.62	cps
Arsenic	75-2	1004645	1002377	995974	1000999	0.45	cps
Barium	135-1	6890380	6868140	6950872	6903131	0.62	cps
Barium	137-1	11946146	12087394	12055620	12029720	0.62	cps
Beryllium	9-1	976405	977150	970064	974540	0.40	cps
Bismuth	209-1	3709045	3846977	3885636	3813886	2.43	cps
Bismuth	209-2	2716408	2702769	2696582	2705253	0.37	cps
Boron	10-1	131964	134981	135686	134210	1.47	cps
Boron	11-1	698107	711494	708323	705975	0.99	cps
Bromine	81-1	1325	1258	1450	1345	7.24	cps
Bromine	81-2	70	60	60	63	9.12	cps
Cadmium	111-1	1434346	1451682	1445930	1443986	0.61	cps
Cadmium	106-1	181634	181093	179661	180796	0.56	cps
Cadmium	108-1	119658	119225	120779	119887	0.67	cps
Calcium	43-1	1445271	1443206	1432068	1440182	0.49	cps
Calcium	44-1	22392281	22458079	22344021	22398127	0.26	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3390714	3372746	3352778	3372079	0.56	cps
Cobalt	59-2	5119317	5086704	5075979	5094000	0.44	cps
Copper	63-2	36419174	37166385	36418548	36668036	1.18	cps
Dysprosium	156-1	308	283	308	300	4.81	cps
Dysprosium	156-2	250	270	290	270	7.41	cps
Erbium	164-1	133	25	42	67	87.50	cps
Erbium	164-2	50	70	53	58	18.55	cps
Gadolinium	160-1	242	133	250	208	31.24	cps
Gadolinium	160-2	203	267	190	220	18.62	cps
Holmium	165-1	5939155	6178969	6302636	6140253	3.01	cps
Holmium	165-2	4143308	4226321	4132606	4167412	1.23	cps
Indium	115-1	5095431	5312394	5405481	5271102	3.02	cps
Indium	115-2	2079143	2112149	2095059	2095450	0.79	cps
Iron	56-2	147287848	146239787	148651470	147393035	0.82	cps
Iron	57-2	3677282	3710614	3641905	3676601	0.93	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:25:15	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	8324757	8347993	8221979	8298243	0.81	cps
Krypton	83-1	603	740	600	648	12.33	cps
Lead	206-1	18474781	18637271	18499004	18537019	0.47	cps
Lead	207-1	16038564	16750841	16302588	16363998	2.20	cps
Lead	208-1	73868854	75778051	74482422	74709776	1.30	cps
Lithium	6-1	650591	672463	679319	667458	2.25	cps
Magnesium	24-2	35778717	35801076	35586916	35722236	0.33	cps
Manganese	55-2	22793565	22666190	22231936	22563897	1.30	cps
Molybdenum	94-1	10940397	10651306	10559299	10717001	1.86	cps
Molybdenum	95-1	13046228	13017528	13061659	13041805	0.17	cps
Molybdenum	96-1	14690806	14449115	14417904	14519275	1.03	cps
Molybdenum	97-1	8208688	8059297	8086896	8118294	0.98	cps
Molybdenum	98-1	21080882	20729441	21074845	20961723	0.96	cps
Neodymium	150-1	413	467	393	424	8.93	cps
Neodymium	150-2	57	60	60	59	3.26	cps
Nickel	60-2	1301342	1301065	1302547	1301651	0.06	cps
Phosphorus	31-2	551757	556215	553856	553942	0.40	cps
Potassium	39-2	21351145	21600007	21788827	21579993	1.02	cps
Rhodium	103-1	4824662	5025088	5071803	4973851	2.64	cps
Rhodium	103-2	3633279	3681325	3637333	3650646	0.73	cps
Scandium	45-1	3229195	3314777	3345110	3296360	1.82	cps
Scandium	45-2	451749	457364	459146	456086	0.85	cps
Selenium	82-1	179372	179473	178426	179090	0.32	cps
Selenium	77-2	23222	23042	22631	22965	1.32	cps
Selenium	78-2	75852	74970	75115	75312	0.63	cps
Silicon	28-1	5944517	5915751	5943059	5934442	0.27	cps
Silver	107-1	7069945	7105370	7056968	7077428	0.35	cps
Silver	109-1	6599081	6669621	6655150	6641284	0.56	cps
Sodium	23-2	63040144	62752618	63360540	63051101	0.48	cps
Strontium	86-1	17003093	17257333	17152227	17137551	0.75	cps
Strontium	88-1	150485103	148596578	148433391	149171691	0.76	cps
Sulfur	34-1	1885435	1879802	1844237	1869825	1.19	cps
Terbium	159-1	6583711	6924019	6830609	6779446	2.59	cps
Terbium	159-2	4325538	4397629	4426071	4383079	1.18	cps
Thallium	203-1	4334410	4343967	4278320	4318899	0.82	cps
Thallium	205-1	10585926	10640708	10547323	10591319	0.44	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:25:15	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	13959490	14048092	13945249	13984277	0.40	cps
Tin	118-1	4209150	4237470	4279085	4241902	0.83	cps
Titanium	47-1	3711047	3670811	3680578	3687479	0.57	cps
Uranium	238-1	11998608	11879411	11615100	11831040	1.66	cps
Vanadium	51-2	3093257	3058585	3091472	3081105	0.63	cps
Yttrium	89-1	9806517	10020301	10244013	10023610	2.18	cps
Yttrium	89-2	3129115	3203953	3092351	3141806	1.81	cps
Zinc	66-2	8384748	8456609	8293198	8378185	0.98	cps
Zirconium	90-1	9131993	9200067	9168903	9166988	0.37	cps
Zirconium	91-1	2012086	2007550	2017404	2012346	0.25	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:28:13	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19367809	19620732	19422982	19470508	0.68	cps
Antimony	121-1	4734	5001	4459	4731	5.73	cps
Arsenic	75-2	578	530	502	536	7.16	cps
Barium	135-1	2909	2742	2567	2739	6.24	cps
Barium	137-1	5026	4226	4443	4565	9.07	cps
Beryllium	9-1	917	830	727	824	11.54	cps
Bismuth	209-1	3932199	4027686	3959822	3973236	1.24	cps
Bismuth	209-2	2830018	2824965	2828004	2827662	0.09	cps
Boron	10-1	1683	1733	1408	1608	10.88	cps
Boron	11-1	8444	8961	8127	8511	4.95	cps
Bromine	81-1	3826	3859	4776	4153	12.98	cps
Bromine	81-2	60	90	100	83	24.98	cps
Cadmium	111-1	1078	1112	907	1032	10.63	cps
Cadmium	106-1	5151	4801	4709	4887	4.77	cps
Cadmium	108-1	113	133	204	150	32.03	cps
Calcium	43-1	7735602	7594441	7750742	7693595	1.12	cps
Calcium	44-1	122511780	123240469	124973016	123575088	1.02	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	11151	11031	11068	11083	0.56	cps
Cobalt	59-2	14434	14030	14741	14402	2.48	cps
Copper	63-2	13079	13073	12782	12978	1.31	cps
Dysprosium	156-1	1325	1300	1175	1267	6.34	cps
Dysprosium	156-2	703	690	707	700	1.26	cps
Erbium	164-1	150	100	208	153	35.49	cps
Erbium	164-2	117	87	87	97	17.92	cps
Gadolinium	160-1	817	825	850	831	2.09	cps
Gadolinium	160-2	810	717	797	774	6.52	cps
Holmium	165-1	6626121	6790366	6630199	6682229	1.40	cps
Holmium	165-2	4454442	4373498	4467633	4431858	1.15	cps
Indium	115-1	5504440	5676507	5651118	5610688	1.66	cps
Indium	115-2	2211546	2231069	2210969	2217861	0.52	cps
Iron	56-2	781823884	775117284	781705529	779548899	0.49	cps
Iron	57-2	19154366	19780953	19302935	19412752	1.69	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:28:13	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	43085849	43667416	43051402	43268223	0.80	cps
Krypton	83-1	627	687	537	617	12.24	cps
Lead	206-1	15865	15387	14197	15150	5.67	cps
Lead	207-1	14013	13312	12133	13153	7.22	cps
Lead	208-1	62702	60632	54900	59412	6.80	cps
Lithium	6-1	772888	809313	828824	803675	3.53	cps
Magnesium	24-2	193634615	190729476	192495871	192286654	0.76	cps
Manganese	55-2	35880	34851	35503	35411	1.47	cps
Molybdenum	94-1	4743	4351	4251	4448	5.84	cps
Molybdenum	95-1	5726	5451	5618	5598	2.47	cps
Molybdenum	96-1	5376	4843	4551	4923	8.50	cps
Molybdenum	97-1	2834	2617	2334	2595	9.67	cps
Molybdenum	98-1	6860	6652	6060	6524	6.36	cps
Neodymium	150-1	53	93	40	62	44.61	cps
Neodymium	150-2	40	20	10	23	65.47	cps
Nickel	60-2	4337	4737	4677	4584	4.71	cps
Phosphorus	31-2	3501	3467	3592	3520	1.84	cps
Potassium	39-2	111905882	111552194	112819294	112092457	0.58	cps
Rhodium	103-1	5147857	5293354	5358756	5266656	2.05	cps
Rhodium	103-2	3794447	3742397	3774677	3770507	0.70	cps
Scandium	45-1	3508008	3661246	3705292	3624849	2.86	cps
Scandium	45-2	479241	471897	481951	477696	1.09	cps
Selenium	82-1	167	12	187	122	78.43	cps
Selenium	77-2	20	27	7	18	57.27	cps
Selenium	78-2	243	287	267	265	8.38	cps
Silicon	28-1	1675166	1727029	1736277	1712824	1.92	cps
Silver	107-1	2634	2475	2425	2511	4.33	cps
Silver	109-1	2442	2592	1925	2320	15.08	cps
Sodium	23-2	321512963	326868607	327985596	325455722	1.06	cps
Strontium	86-1	13632	13457	13565	13551	0.65	cps
Strontium	88-1	112051	108834	107970	109618	1.96	cps
Sulfur	34-1	1232313	1261193	1274795	1256100	1.73	cps
Terbium	159-1	6931669	7182276	7205713	7106552	2.14	cps
Terbium	159-2	4654501	4657323	4709041	4673622	0.66	cps
Thallium	203-1	1592	1300	1125	1339	17.61	cps
Thallium	205-1	3492	2709	2550	2917	17.29	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 12:28:13	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	3990	3806	3184	3660	11.54	cps
Tin	118-1	2150	2167	2109	2142	1.40	cps
Titanium	47-1	1575	1583	1450	1536	4.86	cps
Uranium	238-1	2050	1658	1358	1689	20.54	cps
Vanadium	51-2	720	683	697	700	2.65	cps
Yttrium	89-1	10364290	10814241	10940223	10706251	2.83	cps
Yttrium	89-2	3312265	3324189	3318344	3318266	0.18	cps
Zinc	66-2	21890	22404	22254	22183	1.19	cps
Zirconium	90-1	5451	5218	5243	5304	2.42	cps
Zirconium	91-1	1133	1183	1108	1142	3.35	cps

LB Number : LB116918 Operator : JASWAL
 Lab Sample ID : ICV04 Instrumnet Name : P7
 Client Sample ID : ICV04 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-19 13:03:02 DataFile Name : 015ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	91275	93087	91482	91948	1.08	cps
Antimony	121-1	1485245	1501410	1498953	1495203	0.58	cps
Arsenic	75-2	205579	202028	203239	203615	0.89	cps
Barium	135-1	138863	142846	140371	140693	1.43	cps
Barium	137-1	244173	244521	248286	245660	0.93	cps
Beryllium	9-1	101610	101591	103342	102181	0.98	cps
Bismuth	209-1	4085825	4045628	4062227	4064560	0.50	cps
Bismuth	209-2	2739938	2710801	2727513	2726084	0.54	cps
Boron	10-1	67149	68539	68923	68204	1.37	cps
Boron	11-1	349634	357757	355701	354364	1.19	cps
Bromine	81-1	825	942	933	900	7.23	cps
Bromine	81-2	30	60	30	40	43.30	cps
Cadmium	111-1	147202	148346	146735	147427	0.56	cps
Cadmium	106-1	38235	36556	38035	37609	2.44	cps
Cadmium	108-1	20152	19317	20081	19850	2.33	cps
Calcium	43-1	32504	31126	29844	31158	4.27	cps
Calcium	44-1	536780	535333	529071	533728	0.77	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	358190	354059	345101	352450	1.90	cps
Cobalt	59-2	537773	527652	533655	533027	0.95	cps
Copper	63-2	359201	358099	358055	358452	0.18	cps
Dysprosium	156-1	8	25	25	19	49.50	cps
Dysprosium	156-2	10	7	13	10	33.30	cps
Erbium	164-1	67	42	42	50	28.87	cps
Erbium	164-2	33	33	10	26	52.71	cps
Gadolinium	160-1	75	33	33	47	50.95	cps
Gadolinium	160-2	113	137	127	126	9.32	cps
Holmium	165-1	6332789	6610965	6552648	6498801	2.26	cps
Holmium	165-2	4063062	4092954	4088910	4081642	0.40	cps
Indium	115-1	5756565	5711707	5700397	5722890	0.52	cps
Indium	115-2	2155349	2155873	2154112	2155112	0.04	cps
Iron	56-2	6081204	5999894	5988512	6023203	0.84	cps
Iron	57-2	150216	149507	148981	149568	0.41	cps

LB Number : LB116918 Operator : JASWAL
 Lab Sample ID : ICV04 Instrumnet Name : P7
 Client Sample ID : ICV04 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-19 13:03:02 DataFile Name : 015ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	352616	354222	353558	353465	0.23	cps
Krypton	83-1	653	553	730	646	13.72	cps
Lead	206-1	832919	842200	841552	838890	0.62	cps
Lead	207-1	678754	683239	675730	679241	0.56	cps
Lead	208-1	3182803	3220801	3181428	3195010	0.70	cps
Lithium	6-1	732941	734502	736942	734795	0.27	cps
Magnesium	24-2	424581	424378	420104	423021	0.60	cps
Manganese	55-2	231158	229033	228270	229487	0.65	cps
Molybdenum	94-1	5747601	5644529	5763972	5718701	1.13	cps
Molybdenum	95-1	7000419	6967379	7062928	7010242	0.69	cps
Molybdenum	96-1	7742943	7718728	7824514	7762062	0.71	cps
Molybdenum	97-1	4257837	4203002	4285745	4248862	0.99	cps
Molybdenum	98-1	11096452	10891162	11118286	11035300	1.14	cps
Neodymium	150-1	33	7	40	27	66.13	cps
Neodymium	150-2	7	7	7	7	0.00	cps
Nickel	60-2	158028	156232	153369	155876	1.51	cps
Phosphorus	31-2	2925	2675	2934	2845	5.16	cps
Potassium	39-2	1231577	1237436	1226748	1231920	0.43	cps
Rhodium	103-1	5409384	5311037	5309797	5343406	1.07	cps
Rhodium	103-2	3763391	3746044	3765542	3758325	0.28	cps
Scandium	45-1	3498289	3417700	3433198	3449729	1.24	cps
Scandium	45-2	467562	461004	457112	461892	1.14	cps
Selenium	82-1	36484	36631	36285	36467	0.48	cps
Selenium	77-2	4494	4434	4717	4549	3.28	cps
Selenium	78-2	15503	15354	15182	15346	1.05	cps
Silicon	28-1	3303017	3316527	3315080	3311541	0.22	cps
Silver	107-1	363580	355308	362042	360310	1.22	cps
Silver	109-1	337559	341991	336359	338636	0.88	cps
Sodium	23-2	1418338	1414617	1402156	1411704	0.60	cps
Strontium	86-1	8870581	8941050	8692536	8834722	1.45	cps
Strontium	88-1	76959583	78157391	77990458	77702477	0.83	cps
Sulfur	34-1	1212445	1186425	1180399	1193090	1.43	cps
Terbium	159-1	7169750	7034268	6919793	7041270	1.78	cps
Terbium	159-2	4312883	4314109	4370552	4332515	0.76	cps
Thallium	203-1	1015697	1033754	1031071	1026840	0.95	cps
Thallium	205-1	2396128	2415286	2414783	2408732	0.45	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	ICV04	Instrumnet Name :	P7
Client Sample ID :	ICV04	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:03:02	DataFile Name :	015ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	122	150	178	150	18.52	cps
Tin	118-1	2111316	2165184	2168599	2148366	1.50	cps
Titanium	47-1	1886531	1841220	1891058	1872936	1.47	cps
Uranium	238-1	6070936	6362523	6367439	6266966	2.71	cps
Vanadium	51-2	311994	308007	299874	306625	2.01	cps
Yttrium	89-1	10581987	10420303	10200113	10400801	1.84	cps
Yttrium	89-2	3168450	3117402	3097522	3127791	1.17	cps
Zinc	66-2	163008	163392	163013	163138	0.14	cps
Zirconium	90-1	4537086	4577585	4525686	4546786	0.60	cps
Zirconium	91-1	1018974	1025042	1002322	1015446	1.16	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:23:00	DataFile Name :	017LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4273	4167	4151	4197	1.58	cps
Antimony	121-1	14491	14641	14658	14597	0.63	cps
Arsenic	75-2	1044	989	970	1001	3.85	cps
Barium	135-1	14133	13198	13882	13738	3.52	cps
Barium	137-1	22945	23963	23846	23584	2.36	cps
Beryllium	9-1	1160	1100	1063	1108	4.41	cps
Bismuth	209-1	4003348	4049931	4030939	4028073	0.58	cps
Bismuth	209-2	2679917	2706698	2712610	2699741	0.65	cps
Boron	10-1	3601	3484	3592	3559	1.83	cps
Boron	11-1	16968	17819	18503	17764	4.33	cps
Bromine	81-1	675	642	842	719	14.89	cps
Bromine	81-2	20	40	110	57	83.40	cps
Cadmium	111-1	1986	1748	1918	1884	6.50	cps
Cadmium	106-1	4576	4593	4793	4654	2.59	cps
Cadmium	108-1	150	213	100	154	36.56	cps
Calcium	43-1	7816	7616	7574	7669	1.69	cps
Calcium	44-1	154534	154635	157464	155544	1.07	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	10190	10551	10177	10306	2.06	cps
Cobalt	59-2	5264	5088	5341	5231	2.48	cps
Copper	63-2	8833	8863	8983	8893	0.89	cps
Dysprosium	156-1	0	8	25	11	114.58	cps
Dysprosium	156-2	10	3	7	7	50.03	cps
Erbium	164-1	33	50	17	33	50.00	cps
Erbium	164-2	27	10	33	23	51.50	cps
Gadolinium	160-1	75	42	50	56	31.22	cps
Gadolinium	160-2	93	137	130	120	19.45	cps
Holmium	165-1	6080594	6129635	6431296	6213842	3.06	cps
Holmium	165-2	4035940	4010602	4033884	4026808	0.35	cps
Indium	115-1	5619714	5688573	5719494	5675927	0.90	cps
Indium	115-2	2171970	2182774	2204215	2186320	0.75	cps
Iron	56-2	164672	168053	165665	166130	1.05	cps
Iron	57-2	6246	6207	6518	6324	2.68	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:23:00	DataFile Name :	017LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	13570	14372	14362	14101	3.26	cps
Krypton	83-1	567	583	623	591	4.93	cps
Lead	206-1	4245	4417	4367	4343	2.04	cps
Lead	207-1	3806	3978	3923	3902	2.25	cps
Lead	208-1	17333	16932	17099	17121	1.17	cps
Lithium	6-1	708253	715283	711414	711650	0.49	cps
Magnesium	24-2	182303	180384	179064	180584	0.90	cps
Manganese	55-2	2800	2727	2917	2815	3.41	cps
Molybdenum	94-1	10437	10863	10187	10496	3.25	cps
Molybdenum	95-1	12923	12381	12381	12561	2.49	cps
Molybdenum	96-1	13807	14700	14132	14213	3.18	cps
Molybdenum	97-1	7511	7819	8044	7791	3.44	cps
Molybdenum	98-1	19931	20290	20365	20195	1.15	cps
Neodymium	150-1	27	27	7	20	57.73	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	1587	1533	1823	1648	9.37	cps
Phosphorus	31-2	2850	2667	3084	2867	7.29	cps
Potassium	39-2	560680	560409	566539	562543	0.62	cps
Rhodium	103-1	5332696	5314484	5319331	5322171	0.18	cps
Rhodium	103-2	3775788	3758378	3790253	3774807	0.42	cps
Scandium	45-1	3354325	3395320	3408005	3385883	0.83	cps
Scandium	45-2	471138	472799	473043	472327	0.22	cps
Selenium	82-1	866	811	817	831	3.60	cps
Selenium	77-2	80	107	107	98	15.75	cps
Selenium	78-2	659	574	557	597	9.15	cps
Silicon	28-1	1511438	1515558	1513613	1513536	0.14	cps
Silver	107-1	6477	6477	6793	6582	2.78	cps
Silver	109-1	6393	6110	6660	6388	4.31	cps
Sodium	23-2	431904	433108	428057	431023	0.61	cps
Strontium	86-1	3025	2917	2925	2956	2.04	cps
Strontium	88-1	17227	16902	16869	16999	1.17	cps
Sulfur	34-1	1294742	1286184	1293762	1291563	0.36	cps
Terbium	159-1	6943942	7033388	6971506	6982946	0.66	cps
Terbium	159-2	4278993	4269738	4282153	4276961	0.15	cps
Thallium	203-1	4142	4484	4593	4406	5.33	cps
Thallium	205-1	10329	10146	10588	10354	2.14	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:23:00	DataFile Name :	017LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	50	67	61	59	14.32	cps
Tin	118-1	22035	20891	20782	21236	3.27	cps
Titanium	47-1	4176	4201	4009	4128	2.52	cps
Uranium	238-1	9879	9712	9696	9762	1.04	cps
Vanadium	51-2	15268	15258	15235	15254	0.11	cps
Yttrium	89-1	10185587	10155054	10372555	10237732	1.15	cps
Yttrium	89-2	3115782	3132086	3134483	3127450	0.33	cps
Zinc	66-2	3244	3414	3140	3266	4.23	cps
Zirconium	90-1	8778	8720	8419	8639	2.23	cps
Zirconium	91-1	2225	2067	2125	2139	3.74	cps

LB Number : LB116918 Operator : JASWAL
 Lab Sample ID : ICB04 Instrumnet Name : P7
 Client Sample ID : ICB04 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-19 13:28:51 DataFile Name : 018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	500	506	544	517	4.69	cps
Antimony	121-1	83	133	175	131	35.15	cps
Arsenic	75-2	26	24	35	28	20.98	cps
Barium	135-1	25	25	42	31	31.50	cps
Barium	137-1	67	92	92	83	17.32	cps
Beryllium	9-1	117	123	97	112	12.36	cps
Bismuth	209-1	3993767	3987172	3976595	3985845	0.22	cps
Bismuth	209-2	2670682	2672032	2655050	2665921	0.35	cps
Boron	10-1	317	300	250	289	12.01	cps
Boron	11-1	1117	1442	1325	1295	12.72	cps
Bromine	81-1	717	933	850	833	13.11	cps
Bromine	81-2	30	60	30	40	43.30	cps
Cadmium	111-1	387	425	408	407	4.67	cps
Cadmium	106-1	4151	4201	4101	4151	1.21	cps
Cadmium	108-1	46	17	33	32	45.80	cps
Calcium	43-1	367	400	442	403	9.33	cps
Calcium	44-1	40906	39678	38449	39678	3.10	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3287	3094	3084	3155	3.63	cps
Cobalt	59-2	90	87	60	79	20.84	cps
Copper	63-2	2043	1897	2007	1982	3.85	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Erbium	164-1	33	42	50	42	20.00	cps
Erbium	164-2	13	40	13	22	69.30	cps
Gadolinium	160-1	92	67	92	83	17.32	cps
Gadolinium	160-2	113	120	100	111	9.17	cps
Holmium	165-1	6076190	6178816	6139259	6131422	0.84	cps
Holmium	165-2	3878725	3948277	3971708	3932903	1.23	cps
Indium	115-1	5536493	5645169	5636088	5605916	1.08	cps
Indium	115-2	2131056	2133373	2154061	2139497	0.59	cps
Iron	56-2	12383	12578	12589	12517	0.92	cps
Iron	57-2	2761	2456	2611	2610	5.86	cps

LB Number : LB116918 Operator : JASWAL
 Lab Sample ID : ICB04 Instrumnet Name : P7
 Client Sample ID : ICB04 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-19 13:28:51 DataFile Name : 018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	5707	5316	5617	5547	3.69	cps
Krypton	83-1	477	580	623	560	13.46	cps
Lead	206-1	789	578	844	737	19.09	cps
Lead	207-1	644	589	672	635	6.68	cps
Lead	208-1	3011	2778	3034	2941	4.81	cps
Lithium	6-1	698661	703549	705599	702603	0.51	cps
Magnesium	24-2	1272	1345	1300	1306	2.79	cps
Manganese	55-2	440	450	330	407	16.37	cps
Molybdenum	94-1	317	242	283	281	13.39	cps
Molybdenum	95-1	92	42	117	83	45.82	cps
Molybdenum	96-1	133	167	117	139	18.33	cps
Molybdenum	97-1	42	33	67	47	36.74	cps
Molybdenum	98-1	108	108	133	117	12.37	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	193	260	320	258	24.58	cps
Phosphorus	31-2	3384	3192	3150	3242	3.84	cps
Potassium	39-2	336218	335902	331605	334575	0.77	cps
Rhodium	103-1	5264400	5288142	5211671	5254738	0.74	cps
Rhodium	103-2	3758781	3697584	3726585	3727650	0.82	cps
Scandium	45-1	3311139	3405561	3356130	3357610	1.41	cps
Scandium	45-2	467336	455802	459500	460879	1.28	cps
Selenium	82-1	96	22	-52	22	331.61	cps
Selenium	77-2	10	7	3	7	50.03	cps
Selenium	78-2	193	174	215	194	10.52	cps
Silicon	28-1	1589855	1593988	1588719	1590854	0.17	cps
Silver	107-1	117	158	150	142	15.56	cps
Silver	109-1	108	33	33	58	74.24	cps
Sodium	23-2	107542	107508	108784	107945	0.67	cps
Strontium	86-1	933	1058	908	967	8.31	cps
Strontium	88-1	717	642	675	678	5.54	cps
Sulfur	34-1	1312857	1317058	1320757	1316891	0.30	cps
Terbium	159-1	6959679	6867928	6861930	6896513	0.79	cps
Terbium	159-2	4176788	4202320	4188715	4189274	0.30	cps
Thallium	203-1	75	42	67	61	28.38	cps
Thallium	205-1	200	117	208	175	28.97	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	ICB04	Instrumnet Name :	P7
Client Sample ID :	ICB04	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:28:51	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	56	33	67	52	32.74	cps
Tin	118-1	825	825	1042	897	13.94	cps
Titanium	47-1	333	492	533	453	23.30	cps
Uranium	238-1	67	8	50	42	72.12	cps
Vanadium	51-2	47	37	30	38	22.21	cps
Yttrium	89-1	10012965	10412087	10087498	10170850	2.09	cps
Yttrium	89-2	3040830	3078939	3104166	3074645	1.04	cps
Zinc	66-2	1403	1363	1427	1398	2.29	cps
Zirconium	90-1	608	558	600	589	4.55	cps
Zirconium	91-1	150	92	100	114	27.70	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	ICSA04	Instrumnet Name :	P7
Client Sample ID :	ICSA04	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:32:02	DataFile Name :	019ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16144703	15943322	16253083	16113703	0.98	cps
Antimony	121-1	7736	8244	8261	8080	3.70	cps
Arsenic	75-2	565	496	496	519	7.62	cps
Barium	135-1	1859	1834	1792	1828	1.84	cps
Barium	137-1	3159	3067	3242	3156	2.77	cps
Beryllium	9-1	280	327	363	323	12.92	cps
Bismuth	209-1	3611495	3568086	3554242	3577941	0.83	cps
Bismuth	209-2	2330655	2304326	2342659	2325880	0.84	cps
Boron	10-1	342	308	308	319	6.03	cps
Boron	11-1	1675	1442	1533	1550	7.58	cps
Bromine	81-1	1450	1592	1267	1436	11.35	cps
Bromine	81-2	90	150	150	130	26.65	cps
Cadmium	111-1	1069	1153	1088	1103	4.02	cps
Cadmium	106-1	4134	3909	4092	4045	2.96	cps
Cadmium	108-1	1629	1667	1596	1631	2.17	cps
Calcium	43-1	1314893	1314082	1292464	1307146	0.97	cps
Calcium	44-1	20438124	20461263	19919911	20273099	1.51	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	69292	68746	69627	69221	0.64	cps
Cobalt	59-2	6181	5888	6028	6032	2.43	cps
Copper	63-2	28538	29049	28772	28786	0.89	cps
Dysprosium	156-1	17	58	25	33	66.13	cps
Dysprosium	156-2	23	20	23	22	8.65	cps
Erbium	164-1	17	58	50	42	52.91	cps
Erbium	164-2	10	70	30	37	83.32	cps
Gadolinium	160-1	92	67	42	67	37.50	cps
Gadolinium	160-2	110	147	163	140	19.49	cps
Holmium	165-1	5861910	5761022	5816086	5813006	0.87	cps
Holmium	165-2	3699507	3705590	3718616	3707904	0.26	cps
Indium	115-1	5060546	5031589	5071230	5054455	0.41	cps
Indium	115-2	1919122	1900617	1903400	1907713	0.52	cps
Iron	56-2	282473301	279326523	286871179	282890334	1.34	cps
Iron	57-2	7041303	6950368	7064256	7018642	0.86	cps

LB Number : LB116918 Operator : JASWAL
 Lab Sample ID : ICSA04 Instrumnet Name : P7
 Client Sample ID : ICSA04 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-19 13:32:02 DataFile Name : 019ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	15682760	15601700	15518584	15601015	0.53	cps
Krypton	83-1	650	640	610	633	3.29	cps
Lead	206-1	16216	16828	17083	16709	2.67	cps
Lead	207-1	13046	12895	13329	13090	1.68	cps
Lead	208-1	60448	60531	62880	61287	2.25	cps
Lithium	6-1	631123	625492	623013	626543	0.66	cps
Magnesium	24-2	33114524	32810467	32721570	32882187	0.63	cps
Manganese	55-2	16880	17163	16933	16992	0.89	cps
Molybdenum	94-1	2735729	2678684	2690380	2701598	1.12	cps
Molybdenum	95-1	4776275	4789315	4777627	4781072	0.15	cps
Molybdenum	96-1	5068707	5163033	5040939	5090893	1.26	cps
Molybdenum	97-1	2905748	2948196	2939941	2931295	0.77	cps
Molybdenum	98-1	7591273	7717768	7596399	7635147	0.94	cps
Neodymium	150-1	27	20	27	24	15.75	cps
Neodymium	150-2	7	30	10	16	81.11	cps
Nickel	60-2	7806	7966	7986	7919	1.25	cps
Phosphorus	31-2	2631556	2619315	2611108	2620660	0.39	cps
Potassium	39-2	39936414	39405644	39268519	39536859	0.89	cps
Rhodium	103-1	4719904	4696499	4685092	4700498	0.38	cps
Rhodium	103-2	3351303	3321722	3343835	3338953	0.46	cps
Scandium	45-1	3058550	3006919	3005411	3023627	1.00	cps
Scandium	45-2	427822	423117	424268	425069	0.58	cps
Selenium	82-1	-51	-8	-46	-35	-67.47	cps
Selenium	77-2	77	57	93	76	24.29	cps
Selenium	78-2	172	187	176	178	4.32	cps
Silicon	28-1	1858601	1817335	1778695	1818211	2.20	cps
Silver	107-1	492	608	583	561	10.95	cps
Silver	109-1	450	550	442	481	12.55	cps
Sodium	23-2	61511354	60745221	61007378	61087984	0.64	cps
Strontium	86-1	57315	54930	56068	56104	2.13	cps
Strontium	88-1	488259	476018	484368	482881	1.30	cps
Sulfur	34-1	4804275	4622059	4205436	4543923	6.76	cps
Terbium	159-1	6524868	6184123	6549518	6419503	3.18	cps
Terbium	159-2	3875772	3890900	3860579	3875750	0.39	cps
Thallium	203-1	208	350	408	322	31.92	cps
Thallium	205-1	750	750	800	767	3.77	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	ICSA04	Instrumnet Name :	P7
Client Sample ID :	ICSA04	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:32:02	DataFile Name :	019ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	72	128	78	93	33.05	cps
Tin	118-1	1708	1525	1575	1603	5.91	cps
Titanium	47-1	1431778	1416397	1369747	1405974	2.30	cps
Uranium	238-1	250	250	200	233	12.37	cps
Vanadium	51-2	2277	2224	2307	2269	1.86	cps
Yttrium	89-1	9487032	9241604	9369705	9366114	1.31	cps
Yttrium	89-2	2864229	2864501	2834961	2854563	0.59	cps
Zinc	66-2	10614	10070	9793	10159	4.11	cps
Zirconium	90-1	858	717	692	756	11.90	cps
Zirconium	91-1	167	158	133	153	11.35	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	ICSAB04	Instrumnet Name :	P7
Client Sample ID :	ICSAB04	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:36:36	DataFile Name :	020ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15808972	15699573	15491589	15666711	1.03	cps
Antimony	121-1	149919	147484	145836	147746	1.39	cps
Arsenic	75-2	18972	18784	18953	18903	0.55	cps
Barium	135-1	28446	28029	26852	27776	2.98	cps
Barium	137-1	48318	46478	47883	47560	2.02	cps
Beryllium	9-1	17020	16306	16332	16552	2.45	cps
Bismuth	209-1	3679042	3701362	3664251	3681552	0.51	cps
Bismuth	209-2	2326164	2335291	2310811	2324089	0.53	cps
Boron	10-1	6218	6435	6201	6285	2.07	cps
Boron	11-1	34407	33128	33078	33538	2.24	cps
Bromine	81-1	1408	1700	1417	1508	11.01	cps
Bromine	81-2	90	180	160	143	32.97	cps
Cadmium	111-1	28097	27548	27424	27690	1.29	cps
Cadmium	106-1	8670	8286	8086	8347	3.55	cps
Cadmium	108-1	4384	4309	4117	4270	3.22	cps
Calcium	43-1	1279612	1277864	1273781	1277085	0.23	cps
Calcium	44-1	20033114	19573102	19516301	19707506	1.44	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	129462	127193	128443	128366	0.89	cps
Cobalt	59-2	102646	102609	101387	102214	0.70	cps
Copper	63-2	91893	93781	95016	93563	1.68	cps
Dysprosium	156-1	58	17	50	42	52.91	cps
Dysprosium	156-2	20	23	17	20	16.65	cps
Erbium	164-1	50	25	50	42	34.64	cps
Erbium	164-2	23	27	10	20	44.10	cps
Gadolinium	160-1	108	83	83	92	15.74	cps
Gadolinium	160-2	93	150	90	111	30.35	cps
Holmium	165-1	6053120	5993901	5900285	5982435	1.29	cps
Holmium	165-2	3629059	3630598	3626815	3628824	0.05	cps
Indium	115-1	5225304	5062838	5073423	5120522	1.78	cps
Indium	115-2	1890938	1904100	1906434	1900491	0.44	cps
Iron	56-2	273553667	273054762	273115951	273241460	0.10	cps
Iron	57-2	6639156	6826162	6763694	6743004	1.41	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	ICSAB04	Instrumnet Name :	P7
Client Sample ID :	ICSAB04	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:36:36	DataFile Name :	020ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	15270197	15097950	14978774	15115640	0.97	cps
Krypton	83-1	580	563	500	548	7.71	cps
Lead	206-1	85199	83555	82973	83909	1.38	cps
Lead	207-1	69273	68939	68738	68984	0.39	cps
Lead	208-1	322443	319376	320810	320876	0.48	cps
Lithium	6-1	632974	613333	612078	619462	1.89	cps
Magnesium	24-2	32271847	31827197	31385056	31828033	1.39	cps
Manganese	55-2	56619	54969	56404	55997	1.60	cps
Molybdenum	94-1	2906151	2889565	2870445	2888720	0.62	cps
Molybdenum	95-1	4778709	4815129	4781142	4791660	0.42	cps
Molybdenum	96-1	5186298	5160430	5063079	5136602	1.26	cps
Molybdenum	97-1	2998443	2960752	2909686	2956294	1.51	cps
Molybdenum	98-1	7934262	7606903	7589246	7710137	2.52	cps
Neodymium	150-1	33	27	33	31	12.36	cps
Neodymium	150-2	17	17	10	14	26.66	cps
Nickel	60-2	31267	31617	31691	31525	0.72	cps
Phosphorus	31-2	2522901	2515599	2487501	2508667	0.75	cps
Potassium	39-2	37747179	37876700	37710915	37778265	0.23	cps
Rhodium	103-1	4844551	4805978	4743938	4798156	1.06	cps
Rhodium	103-2	3320069	3393155	3326835	3346687	1.21	cps
Scandium	45-1	3088539	3033137	2946867	3022848	2.36	cps
Scandium	45-2	412565	412150	416106	413607	0.53	cps
Selenium	82-1	3253	3321	3330	3301	1.28	cps
Selenium	77-2	590	470	447	502	15.31	cps
Selenium	78-2	1485	1498	1606	1530	4.32	cps
Silicon	28-1	1725761	1693827	1697938	1705842	1.02	cps
Silver	107-1	121736	121510	121417	121554	0.14	cps
Silver	109-1	116315	116921	117131	116789	0.36	cps
Sodium	23-2	58936414	59997597	59437221	59457077	0.89	cps
Strontium	86-1	135020	136552	135518	135697	0.58	cps
Strontium	88-1	1190907	1197327	1185841	1191358	0.48	cps
Sulfur	34-1	4214839	4119943	4140559	4158447	1.20	cps
Terbium	159-1	6749271	6640819	6582017	6657369	1.27	cps
Terbium	159-2	3870606	3864190	3858777	3864524	0.15	cps
Thallium	203-1	83259	83159	80971	82463	1.57	cps
Thallium	205-1	197701	194462	192667	194943	1.31	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	ICSAB04	Instrumnet Name :	P7
Client Sample ID :	ICSAB04	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:36:36	DataFile Name :	020ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	100	89	44	78	37.79	cps
Tin	118-1	211393	201670	208308	207124	2.40	cps
Titanium	47-1	1428055	1414097	1372447	1404866	2.06	cps
Uranium	238-1	510850	517292	516484	514875	0.68	cps
Vanadium	51-2	58023	57394	58535	57984	0.99	cps
Yttrium	89-1	9573789	9578044	9260269	9470701	1.92	cps
Yttrium	89-2	2840629	2826261	2797062	2821318	0.79	cps
Zinc	66-2	24527	24778	25132	24812	1.22	cps
Zirconium	90-1	430134	435290	424287	429904	1.28	cps
Zirconium	91-1	96179	98001	94964	96381	1.59	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	CCV14	Instrumnet Name :	P7
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:39:43	DataFile Name :	021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8781547	8758341	8890257	8810048	0.80	cps
Antimony	121-1	3678962	3692860	3726686	3699503	0.66	cps
Arsenic	75-2	512760	518042	517202	516001	0.55	cps
Barium	135-1	3236073	3302103	3295941	3278039	1.11	cps
Barium	137-1	5705458	5801874	5817555	5774962	1.05	cps
Beryllium	9-1	438467	449213	449208	445629	1.39	cps
Bismuth	209-1	3824886	3768940	3794460	3796096	0.74	cps
Bismuth	209-2	2480691	2544875	2528718	2518094	1.33	cps
Boron	10-1	61023	62713	63493	62410	2.02	cps
Boron	11-1	325682	333857	334581	331373	1.49	cps
Bromine	81-1	1825	2284	2159	2089	11.34	cps
Bromine	81-2	30	60	80	57	44.41	cps
Cadmium	111-1	767350	765123	769969	767481	0.32	cps
Cadmium	106-1	95395	97979	98248	97207	1.62	cps
Cadmium	108-1	61645	62089	63688	62474	1.72	cps
Calcium	43-1	3438901	3502647	3472607	3471385	0.92	cps
Calcium	44-1	53674992	54039591	53040173	53584918	0.94	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1644923	1658505	1665376	1656268	0.63	cps
Cobalt	59-2	2457992	2496865	2525505	2493454	1.36	cps
Copper	63-2	18582469	18740487	18999251	18774069	1.12	cps
Dysprosium	156-1	650	592	492	578	13.86	cps
Dysprosium	156-2	387	510	373	423	17.80	cps
Erbium	164-1	125	125	83	111	21.65	cps
Erbium	164-2	87	77	73	79	8.80	cps
Gadolinium	160-1	508	458	517	494	6.38	cps
Gadolinium	160-2	363	410	440	404	9.55	cps
Holmium	165-1	6083413	6315914	6167161	6188829	1.90	cps
Holmium	165-2	3926238	3944457	3972960	3947885	0.60	cps
Indium	115-1	5214195	5268067	5267055	5249772	0.59	cps
Indium	115-2	1980400	2004787	2008838	1998008	0.77	cps
Iron	56-2	357767408	359180464	365259519	360735797	1.10	cps
Iron	57-2	8784601	8973132	8913174	8890302	1.08	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	CCV14	Instrumnet Name :	P7
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:39:43	DataFile Name :	021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	19800778	19777310	19891202	19823097	0.30	cps
Krypton	83-1	570	613	600	594	3.73	cps
Lead	206-1	9339026	9290880	9283761	9304555	0.32	cps
Lead	207-1	8141217	8110574	8137264	8129685	0.21	cps
Lead	208-1	37414425	37067435	37188835	37223565	0.47	cps
Lithium	6-1	622825	642686	635530	633680	1.59	cps
Magnesium	24-2	91722263	91199366	92588730	91836786	0.76	cps
Manganese	55-2	11651766	11691604	11855552	11732974	0.92	cps
Molybdenum	94-1	5152213	5247632	5292042	5230629	1.37	cps
Molybdenum	95-1	6311362	6365331	6477372	6384688	1.33	cps
Molybdenum	96-1	7052115	7134929	7112727	7099924	0.60	cps
Molybdenum	97-1	3862246	3910748	3892132	3888375	0.63	cps
Molybdenum	98-1	10117114	10150585	10103924	10123874	0.24	cps
Neodymium	150-1	200	193	247	213	13.62	cps
Neodymium	150-2	43	40	67	50	29.06	cps
Nickel	60-2	642641	649884	651424	647983	0.72	cps
Phosphorus	31-2	272046	272422	271503	271991	0.17	cps
Potassium	39-2	52978122	53545741	53831543	53451802	0.81	cps
Rhodium	103-1	4898691	4853404	4909664	4887253	0.61	cps
Rhodium	103-2	3468042	3456625	3529628	3484765	1.13	cps
Scandium	45-1	3185754	3216205	3206178	3202712	0.48	cps
Scandium	45-2	439569	445382	445760	443570	0.78	cps
Selenium	82-1	91367	92676	93091	92378	0.97	cps
Selenium	77-2	11962	12125	11848	11978	1.16	cps
Selenium	78-2	39030	39229	39685	39315	0.85	cps
Silicon	28-1	3281670	3333291	3382671	3332544	1.52	cps
Silver	107-1	3466964	3466703	3509121	3480929	0.70	cps
Silver	109-1	3280312	3304240	3317962	3300838	0.58	cps
Sodium	23-2	157853365	157808281	157176731	157612792	0.24	cps
Strontium	86-1	8199349	8232348	8583447	8338382	2.55	cps
Strontium	88-1	72464725	72281297	73961395	72902472	1.26	cps
Sulfur	34-1	1465126	1488684	1499774	1484528	1.19	cps
Terbium	159-1	6773301	6655150	6870767	6766406	1.60	cps
Terbium	159-2	4185856	4123984	4192162	4167334	0.90	cps
Thallium	203-1	2106096	2122424	2119246	2115922	0.41	cps
Thallium	205-1	5031895	4979579	4993555	5001677	0.54	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	CCV14	Instrumnet Name :	P7
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:39:43	DataFile Name :	021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	6953019	6946746	6922993	6940919	0.23	cps
Tin	118-1	2050970	2065660	2089231	2068620	0.93	cps
Titanium	47-1	1730483	1750205	1760779	1747156	0.88	cps
Uranium	238-1	5276131	5280158	5240236	5265508	0.42	cps
Vanadium	51-2	1507181	1525179	1531008	1521122	0.82	cps
Yttrium	89-1	9684708	9834899	10307053	9942220	3.27	cps
Yttrium	89-2	2999353	2984188	3023726	3002422	0.66	cps
Zinc	66-2	4096227	4165451	4166695	4142791	0.97	cps
Zirconium	90-1	4297352	4391851	4467458	4385554	1.94	cps
Zirconium	91-1	956466	988582	992654	979234	2.02	cps

LB Number : LB116918 Operator : JASWAL
 Lab Sample ID : CCB14 Instrumnet Name : P7
 Client Sample ID : CCB14 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-19 13:47:24 DataFile Name : 022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	767	739	717	741	3.38	cps
Antimony	121-1	575	675	717	656	11.11	cps
Arsenic	75-2	85	57	54	65	26.30	cps
Barium	135-1	150	92	117	119	24.50	cps
Barium	137-1	200	250	225	225	11.11	cps
Beryllium	9-1	367	337	383	362	6.53	cps
Bismuth	209-1	3928157	3967529	3993871	3963185	0.83	cps
Bismuth	209-2	2597916	2620892	2632005	2616938	0.66	cps
Boron	10-1	533	533	525	531	0.91	cps
Boron	11-1	2967	2684	2475	2709	9.11	cps
Bromine	81-1	850	975	808	878	9.88	cps
Bromine	81-2	40	0	30	23	89.21	cps
Cadmium	111-1	442	499	470	470	6.11	cps
Cadmium	106-1	4084	4242	4001	4109	2.99	cps
Cadmium	108-1	42	42	13	32	52.72	cps
Calcium	43-1	433	591	508	511	15.50	cps
Calcium	44-1	43670	44514	43570	43918	1.18	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3367	3277	3457	3367	2.67	cps
Cobalt	59-2	197	207	150	184	16.40	cps
Copper	63-2	2814	2587	3014	2805	7.61	cps
Dysprosium	156-1	8	25	0	11	114.58	cps
Dysprosium	156-2	7	0	7	4	86.60	cps
Erbium	164-1	33	42	75	50	44.10	cps
Erbium	164-2	20	27	17	21	24.12	cps
Gadolinium	160-1	42	42	42	42	0.00	cps
Gadolinium	160-2	123	113	113	117	4.95	cps
Holmium	165-1	5963896	6052896	6162516	6059769	1.64	cps
Holmium	165-2	3871564	3963384	3930018	3921656	1.19	cps
Indium	115-1	5446522	5643028	5617471	5569007	1.92	cps
Indium	115-2	2107447	2145374	2126095	2126305	0.89	cps
Iron	56-2	33093	33115	33160	33123	0.10	cps
Iron	57-2	2900	2961	3039	2967	2.35	cps

LB Number : LB116918 Operator : JASWAL
 Lab Sample ID : CCB14 Instrumnet Name : P7
 Client Sample ID : CCB14 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-19 13:47:24 DataFile Name : 022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	5887	5877	6668	6144	7.39	cps
Krypton	83-1	547	493	580	540	8.10	cps
Lead	206-1	2372	2300	2295	2322	1.87	cps
Lead	207-1	1839	2072	1711	1874	9.77	cps
Lead	208-1	9129	9118	8590	8946	3.44	cps
Lithium	6-1	659385	669030	662260	663558	0.75	cps
Magnesium	24-2	4979	4667	4590	4745	4.34	cps
Manganese	55-2	837	847	713	799	9.30	cps
Molybdenum	94-1	600	508	408	506	18.96	cps
Molybdenum	95-1	258	292	442	331	29.54	cps
Molybdenum	96-1	475	392	558	475	17.54	cps
Molybdenum	97-1	217	158	333	236	37.74	cps
Molybdenum	98-1	525	683	458	556	20.80	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	290	263	230	261	11.51	cps
Phosphorus	31-2	3109	3034	3209	3117	2.82	cps
Potassium	39-2	366899	365601	362980	365160	0.55	cps
Rhodium	103-1	5023188	5214541	5239937	5159222	2.30	cps
Rhodium	103-2	3660835	3681882	3673534	3672084	0.29	cps
Scandium	45-1	3198465	3197570	3243339	3213125	0.81	cps
Scandium	45-2	446395	455831	451188	451138	1.05	cps
Selenium	82-1	67	107	37	70	49.53	cps
Selenium	77-2	10	13	7	10	33.30	cps
Selenium	78-2	213	204	191	202	5.52	cps
Silicon	28-1	1456734	1461675	1463989	1460800	0.25	cps
Silver	107-1	408	342	300	350	15.61	cps
Silver	109-1	275	258	267	267	3.13	cps
Sodium	23-2	193267	190995	188577	190946	1.23	cps
Strontium	86-1	1142	1192	1217	1183	3.23	cps
Strontium	88-1	2109	2367	2134	2203	6.47	cps
Sulfur	34-1	1180085	1178895	1169198	1176059	0.51	cps
Terbium	159-1	6873065	6882267	6923827	6893053	0.39	cps
Terbium	159-2	4151040	4170662	4137494	4153065	0.40	cps
Thallium	203-1	708	683	650	681	4.30	cps
Thallium	205-1	1575	1683	1617	1625	3.36	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	CCB14	Instrumnet Name :	P7
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 13:47:24	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	578	611	594	594	2.80	cps
Tin	118-1	967	1025	992	995	2.94	cps
Titanium	47-1	533	583	492	536	8.56	cps
Uranium	238-1	100	167	167	144	26.65	cps
Vanadium	51-2	87	73	77	79	8.80	cps
Yttrium	89-1	9801317	10099252	10053297	9984622	1.61	cps
Yttrium	89-2	3026017	3052766	3050122	3042968	0.48	cps
Zinc	66-2	1647	1533	1737	1639	6.22	cps
Zirconium	90-1	900	583	683	722	22.41	cps
Zirconium	91-1	183	108	233	175	35.95	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M3704-02	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:00:55	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	635949	625561	632836	631449	0.84	cps
Antimony	121-1	2955944	2978625	2979458	2971342	0.45	cps
Arsenic	75-2	558055	554497	558607	557053	0.40	cps
Barium	135-1	2362242	2353861	2373728	2363277	0.42	cps
Barium	137-1	4171632	4109771	4127394	4136266	0.77	cps
Beryllium	9-1	339066	344679	342253	341999	0.82	cps
Bismuth	209-1	4013430	4006886	3997392	4005903	0.20	cps
Bismuth	209-2	2639954	2639776	2625156	2634962	0.32	cps
Boron	10-1	133896	136830	140219	136982	2.31	cps
Boron	11-1	703412	710203	716405	710007	0.92	cps
Bromine	81-1	833	783	792	803	3.34	cps
Bromine	81-2	50	20	60	43	48.04	cps
Cadmium	111-1	1306084	1301218	1310733	1306012	0.36	cps
Cadmium	106-1	125377	127403	128192	126991	1.14	cps
Cadmium	108-1	92008	91589	91169	91589	0.46	cps
Calcium	43-1	506	693	766	655	20.48	cps
Calcium	44-1	42429	43122	42963	42838	0.85	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	770077	761916	760754	764249	0.66	cps
Cobalt	59-2	1886697	1903116	1915157	1901656	0.75	cps
Copper	63-2	1668731	1676905	1681436	1675691	0.38	cps
Dysprosium	156-1	25	50	33	36	35.25	cps
Dysprosium	156-2	93	50	53	66	36.79	cps
Erbium	164-1	25	83	50	53	55.46	cps
Erbium	164-2	43	27	17	29	46.62	cps
Gadolinium	160-1	25	75	58	53	48.24	cps
Gadolinium	160-2	150	123	133	136	9.94	cps
Holmium	165-1	6626385	6099138	6215742	6313755	4.39	cps
Holmium	165-2	3979905	3996508	3889466	3955293	1.46	cps
Indium	115-1	5608203	5495085	5649799	5584362	1.43	cps
Indium	115-2	2077129	2099150	2106566	2094282	0.73	cps
Iron	56-2	1555937	1551442	1555609	1554330	0.16	cps
Iron	57-2	40333	40372	40946	40551	0.85	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M3704-02	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:00:55	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	114859	116958	115063	115627	1.00	cps
Krypton	83-1	550	560	650	587	9.39	cps
Lead	206-1	4692734	4654484	4712187	4686468	0.63	cps
Lead	207-1	3947150	3979967	3968170	3965096	0.42	cps
Lead	208-1	18984063	19176552	19273337	19144651	0.77	cps
Lithium	6-1	672259	682901	687955	681038	1.18	cps
Magnesium	24-2	2895	2823	3061	2926	4.19	cps
Manganese	55-2	2053643	2025598	2010522	2029921	1.08	cps
Molybdenum	94-1	320112	324935	323840	322962	0.78	cps
Molybdenum	95-1	566146	568625	572415	569062	0.55	cps
Molybdenum	96-1	597966	603341	605385	602231	0.64	cps
Molybdenum	97-1	346576	347190	345989	346585	0.17	cps
Molybdenum	98-1	905084	921156	903483	909907	1.07	cps
Neodymium	150-1	180	160	180	173	6.66	cps
Neodymium	150-2	27	27	30	28	6.92	cps
Nickel	60-2	1279127	1285929	1292934	1285996	0.54	cps
Phosphorus	31-2	3450	2842	2750	3014	12.62	cps
Potassium	39-2	339438	332739	337581	336586	1.03	cps
Rhodium	103-1	5145615	5249783	5213011	5202803	1.02	cps
Rhodium	103-2	3629285	3675071	3673993	3659449	0.71	cps
Scandium	45-1	3234041	3288125	3287831	3269999	0.95	cps
Scandium	45-2	448952	450336	452338	450542	0.38	cps
Selenium	82-1	38444	38454	38165	38354	0.43	cps
Selenium	77-2	4928	4851	4961	4913	1.15	cps
Selenium	78-2	16102	16215	15912	16076	0.95	cps
Silicon	28-1	1838706	1855928	1854864	1849833	0.52	cps
Silver	107-1	4242887	4254001	4246710	4247866	0.13	cps
Silver	109-1	4061094	4018632	4062708	4047478	0.62	cps
Sodium	23-2	162135	160208	160265	160869	0.68	cps
Strontium	86-1	603609	596580	595583	598590	0.73	cps
Strontium	88-1	5338171	5361429	5283020	5327540	0.76	cps
Sulfur	34-1	1177501	1164858	1141111	1161156	1.59	cps
Terbium	159-1	6925704	6812212	6965334	6901083	1.15	cps
Terbium	159-2	4126284	4180146	4169929	4158787	0.69	cps
Thallium	203-1	1151012	1147150	1145587	1147916	0.24	cps
Thallium	205-1	2717242	2708692	2676766	2700900	0.79	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M3704-02	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:00:55	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	211	206	139	185	21.70	cps
Tin	118-1	908	842	925	892	4.94	cps
Titanium	47-1	467	700	508	558	22.29	cps
Uranium	238-1	133	75	75	94	35.66	cps
Vanadium	51-2	5177360	5125172	5213024	5171852	0.85	cps
Yttrium	89-1	10104126	10010765	10045064	10053318	0.47	cps
Yttrium	89-2	3017394	3019984	3018969	3018782	0.04	cps
Zinc	66-2	1257621	1254489	1247758	1253290	0.40	cps
Zirconium	90-1	1400	1692	1600	1564	9.54	cps
Zirconium	91-1	1375	1567	1275	1406	10.55	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M3704-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:04:03	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7680	8130	7897	7902	2.85	cps
Antimony	121-1	850	900	942	897	5.12	cps
Arsenic	75-2	104	94	150	116	25.65	cps
Barium	135-1	317	408	358	361	12.71	cps
Barium	137-1	592	492	475	519	12.15	cps
Beryllium	9-1	320	337	307	321	4.68	cps
Bismuth	209-1	3928012	3953390	3949707	3943703	0.35	cps
Bismuth	209-2	2562748	2569624	2577708	2570027	0.29	cps
Boron	10-1	21407	22292	21124	21608	2.82	cps
Boron	11-1	115295	114665	110962	113641	2.06	cps
Bromine	81-1	825	942	717	828	13.59	cps
Bromine	81-2	50	70	60	60	16.67	cps
Cadmium	111-1	634	611	526	590	9.70	cps
Cadmium	106-1	4184	4526	4451	4387	4.09	cps
Cadmium	108-1	67	42	46	51	26.07	cps
Calcium	43-1	450	483	541	491	9.44	cps
Calcium	44-1	42284	41197	41315	41599	1.43	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3747	3674	3741	3721	1.09	cps
Cobalt	59-2	417	387	377	393	5.29	cps
Copper	63-2	2424	2590	2424	2479	3.88	cps
Dysprosium	156-1	17	33	17	22	43.28	cps
Dysprosium	156-2	3	17	13	11	62.48	cps
Erbium	164-1	92	100	58	83	26.46	cps
Erbium	164-2	43	23	40	36	30.14	cps
Gadolinium	160-1	33	50	58	47	26.96	cps
Gadolinium	160-2	103	150	113	122	20.10	cps
Holmium	165-1	6168703	6535158	6517042	6406968	3.22	cps
Holmium	165-2	3873885	3900436	3892711	3889011	0.35	cps
Indium	115-1	5460137	5433367	5449746	5447750	0.25	cps
Indium	115-2	2020099	2030498	2027077	2025892	0.26	cps
Iron	56-2	20453	20654	20715	20607	0.66	cps
Iron	57-2	2828	2650	2589	2689	4.62	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M3704-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:04:03	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	5577	5457	5417	5483	1.52	cps
Krypton	83-1	603	637	637	626	3.08	cps
Lead	206-1	3095	3145	2495	2911	12.43	cps
Lead	207-1	2534	2395	2206	2378	6.92	cps
Lead	208-1	11919	11063	9796	10926	9.78	cps
Lithium	6-1	670506	678936	659988	669810	1.42	cps
Magnesium	24-2	2767	2817	2861	2815	1.68	cps
Manganese	55-2	677	697	653	676	3.21	cps
Molybdenum	94-1	3501	3142	3042	3228	7.47	cps
Molybdenum	95-1	275	217	200	231	17.08	cps
Molybdenum	96-1	883	842	875	867	2.54	cps
Molybdenum	97-1	142	208	167	172	19.56	cps
Molybdenum	98-1	292	308	392	331	16.21	cps
Neodymium	150-1	20	13	27	20	33.35	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	673	513	607	598	13.45	cps
Phosphorus	31-2	2884	3142	2875	2967	5.11	cps
Potassium	39-2	359720	358364	361921	360002	0.50	cps
Rhodium	103-1	5185808	5168470	5140153	5164811	0.45	cps
Rhodium	103-2	3645632	3660293	3672635	3659520	0.37	cps
Scandium	45-1	3236016	3224064	3165612	3208564	1.17	cps
Scandium	45-2	443750	439274	441843	441622	0.51	cps
Selenium	82-1	-34	-61	-87	-61	-43.55	cps
Selenium	77-2	17	17	23	19	20.36	cps
Selenium	78-2	202	204	207	204	1.39	cps
Silicon	28-1	5863012	5824968	5812944	5833641	0.45	cps
Silver	107-1	1233	1242	1192	1222	2.19	cps
Silver	109-1	892	858	867	872	1.99	cps
Sodium	23-2	238634	236061	239088	237927	0.69	cps
Strontium	86-1	1200	917	1100	1072	13.40	cps
Strontium	88-1	1408	1558	1383	1450	6.53	cps
Sulfur	34-1	1081429	1067930	1062735	1070698	0.90	cps
Terbium	159-1	6877811	6826291	7074237	6926113	1.89	cps
Terbium	159-2	4120834	4098067	4100140	4106347	0.31	cps
Thallium	203-1	1142	1092	1108	1114	2.29	cps
Thallium	205-1	2884	2892	2467	2748	8.85	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M3704-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:04:03	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	144	133	161	146	9.55	cps
Tin	118-1	5575600	5661667	5612337	5616534	0.77	cps
Titanium	47-1	56567	57228	55806	56534	1.26	cps
Uranium	238-1	75	100	25	67	57.28	cps
Vanadium	51-2	720	597	540	619	14.87	cps
Yttrium	89-1	9817896	9945899	9982644	9915480	0.87	cps
Yttrium	89-2	2992703	2962750	2978760	2978071	0.50	cps
Zinc	66-2	2414	2334	2500	2416	3.45	cps
Zirconium	90-1	9028	9495	8478	9000	5.66	cps
Zirconium	91-1	1909	1984	2025	1972	3.00	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M3704-06	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:07:12	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	583	594	622	600	3.34	cps
Antimony	121-1	358	467	333	386	18.36	cps
Arsenic	75-2	87	52	70	70	25.24	cps
Barium	135-1	425	300	375	367	17.16	cps
Barium	137-1	708	650	667	675	4.45	cps
Beryllium	9-1	190	207	217	204	6.59	cps
Bismuth	209-1	4301596	4199481	4130989	4210689	2.04	cps
Bismuth	209-2	2685982	2696349	2671264	2684532	0.47	cps
Boron	10-1	908	775	767	817	9.73	cps
Boron	11-1	4392	4384	3992	4256	5.37	cps
Bromine	81-1	4117	4918	4701	4579	9.04	cps
Bromine	81-2	931	861	901	898	3.92	cps
Cadmium	111-1	544	585	524	551	5.66	cps
Cadmium	106-1	4359	4893	4659	4637	5.77	cps
Cadmium	108-1	42	42	54	46	15.74	cps
Calcium	43-1	1435366	1435703	1416599	1429223	0.77	cps
Calcium	44-1	22659758	22136368	22129889	22308672	1.36	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2964	2784	2817	2855	3.36	cps
Cobalt	59-2	420	390	440	417	6.04	cps
Copper	63-2	2470	2274	2314	2352	4.42	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	0	17	3	7	132.33	cps
Erbium	164-1	67	58	108	78	34.45	cps
Erbium	164-2	17	10	33	20	60.08	cps
Gadolinium	160-1	75	42	75	64	30.12	cps
Gadolinium	160-2	100	133	153	129	20.91	cps
Holmium	165-1	7244869	7189679	7038679	7157742	1.49	cps
Holmium	165-2	4250001	4218531	4224722	4231085	0.39	cps
Indium	115-1	6021360	6248510	5825858	6031909	3.51	cps
Indium	115-2	2183324	2178213	2178222	2179920	0.14	cps
Iron	56-2	22990	22367	21777	22378	2.71	cps
Iron	57-2	26324	28934	27949	27736	4.75	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M3704-06	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:07:12	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	2713	2663	2703	2693	0.98	cps
Krypton	83-1	530	657	560	582	11.37	cps
Lead	206-1	2550	2217	2161	2310	9.11	cps
Lead	207-1	2028	2050	1750	1943	8.61	cps
Lead	208-1	9485	8779	8496	8920	5.71	cps
Lithium	6-1	728626	702104	696231	708987	2.43	cps
Magnesium	24-2	5833746	5784307	5625877	5747977	1.89	cps
Manganese	55-2	680	550	550	593	12.65	cps
Molybdenum	94-1	2042	1984	2142	2056	3.90	cps
Molybdenum	95-1	3376	3242	3284	3300	2.07	cps
Molybdenum	96-1	4001	3676	3759	3812	4.43	cps
Molybdenum	97-1	2225	1934	1992	2050	7.53	cps
Molybdenum	98-1	5701	5651	5193	5515	5.08	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	393	333	347	358	8.81	cps
Phosphorus	31-2	1500	1383	1350	1411	5.58	cps
Potassium	39-2	11219522	11221954	11143169	11194882	0.40	cps
Rhodium	103-1	5683899	5531965	5460773	5558879	2.05	cps
Rhodium	103-2	3867592	3819920	3821436	3836316	0.71	cps
Scandium	45-1	3655220	3655375	3574383	3628326	1.29	cps
Scandium	45-2	494600	489934	486660	490398	0.81	cps
Selenium	82-1	72	-47	7	11	554.48	cps
Selenium	77-2	7	13	13	11	34.61	cps
Selenium	78-2	239	248	198	228	11.65	cps
Silicon	28-1	723225	705503	706846	711858	1.39	cps
Silver	107-1	300	417	442	386	19.58	cps
Silver	109-1	317	367	308	331	9.54	cps
Sodium	23-2	51067661	51827232	50907116	51267336	0.96	cps
Strontium	86-1	27468	26417	27493	27126	2.27	cps
Strontium	88-1	237123	234956	235108	235729	0.51	cps
Sulfur	34-1	1041201	1089387	1118986	1083191	3.62	cps
Terbium	159-1	7880343	7785314	7494267	7719975	2.61	cps
Terbium	159-2	4454470	4475109	4421277	4450285	0.61	cps
Thallium	203-1	325	400	375	367	10.41	cps
Thallium	205-1	1042	1033	992	1022	2.62	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M3704-06	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:07:12	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	144	122	156	141	12.06	cps
Tin	118-1	933	683	758	792	16.21	cps
Titanium	47-1	283	300	317	300	5.55	cps
Uranium	238-1	133	117	125	125	6.67	cps
Vanadium	51-2	143	220	143	169	26.21	cps
Yttrium	89-1	11132522	11014675	11097831	11081676	0.55	cps
Yttrium	89-2	3277348	3240950	3218446	3245582	0.92	cps
Zinc	66-2	1753	1790	1783	1776	1.10	cps
Zirconium	90-1	733	508	533	592	20.84	cps
Zirconium	91-1	158	125	92	125	26.67	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M3704-06DLX5	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	5
Date & Time Acquired ::	2021-10-19 14:10:20	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	617	561	572	583	5.04	cps
Antimony	121-1	233	300	283	272	12.75	cps
Arsenic	75-2	31	54	41	42	26.59	cps
Barium	135-1	175	92	183	150	33.79	cps
Barium	137-1	208	142	150	167	21.79	cps
Beryllium	9-1	270	217	133	207	33.33	cps
Bismuth	209-1	3860452	3930577	3916960	3902663	0.95	cps
Bismuth	209-2	2572788	2536834	2562442	2557355	0.72	cps
Boron	10-1	675	642	450	589	20.62	cps
Boron	11-1	3259	3267	3434	3320	2.97	cps
Bromine	81-1	1817	2009	1842	1889	5.52	cps
Bromine	81-2	260	190	310	254	23.79	cps
Cadmium	111-1	469	480	455	468	2.68	cps
Cadmium	106-1	4392	4726	4292	4470	5.08	cps
Cadmium	108-1	29	25	17	24	26.95	cps
Calcium	43-1	261506	259214	260308	260343	0.44	cps
Calcium	44-1	4245317	4251080	4217627	4238008	0.42	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3254	3077	3110	3147	2.98	cps
Cobalt	59-2	180	187	167	178	5.73	cps
Copper	63-2	2307	2277	2297	2294	0.67	cps
Dysprosium	156-1	42	17	0	19	107.85	cps
Dysprosium	156-2	3	10	0	4	114.60	cps
Erbium	164-1	42	17	83	47	71.32	cps
Erbium	164-2	27	47	43	39	27.55	cps
Gadolinium	160-1	67	50	92	69	30.20	cps
Gadolinium	160-2	107	160	100	122	26.91	cps
Holmium	165-1	6325080	6722131	6185696	6410969	4.34	cps
Holmium	165-2	3928062	3980115	3918219	3942132	0.84	cps
Indium	115-1	5562211	5541704	5499690	5534535	0.58	cps
Indium	115-2	2054217	2071700	2070763	2065560	0.48	cps
Iron	56-2	21527	20403	19997	20642	3.84	cps
Iron	57-2	7013	7352	7535	7300	3.63	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M3704-06DLX5	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	5
Date & Time Acquired ::	2021-10-19 14:10:20	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	4766	5026	5387	5059	6.16	cps
Krypton	83-1	570	533	577	560	4.17	cps
Lead	206-1	1422	1250	1283	1319	6.93	cps
Lead	207-1	933	1067	1139	1046	9.97	cps
Lead	208-1	5356	5128	5039	5175	3.16	cps
Lithium	6-1	656471	656812	653130	655471	0.31	cps
Magnesium	24-2	1025535	1031550	1026849	1027978	0.31	cps
Manganese	55-2	527	587	560	558	5.39	cps
Molybdenum	94-1	542	775	767	694	19.06	cps
Molybdenum	95-1	700	633	692	675	5.38	cps
Molybdenum	96-1	825	692	683	733	10.84	cps
Molybdenum	97-1	667	483	442	531	22.56	cps
Molybdenum	98-1	1075	1142	1308	1175	10.23	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	10	7	3	7	50.03	cps
Nickel	60-2	320	327	323	323	1.03	cps
Phosphorus	31-2	2725	2675	2575	2659	2.87	cps
Potassium	39-2	2477868	2476397	2478414	2477560	0.04	cps
Rhodium	103-1	5112615	5149098	5033418	5098377	1.16	cps
Rhodium	103-2	3602702	3594346	3626802	3607950	0.47	cps
Scandium	45-1	3314356	3265597	3291705	3290553	0.74	cps
Scandium	45-2	449973	450161	449821	449985	0.04	cps
Selenium	82-1	-13	72	-20	13	397.55	cps
Selenium	77-2	20	3	13	12	68.66	cps
Selenium	78-2	222	220	206	216	4.23	cps
Silicon	28-1	1214971	1219378	1220289	1218213	0.23	cps
Silver	107-1	250	283	200	244	17.16	cps
Silver	109-1	150	142	125	139	9.17	cps
Sodium	23-2	9716299	9938459	9826855	9827204	1.13	cps
Strontium	86-1	6335	5193	5876	5801	9.91	cps
Strontium	88-1	43190	43391	43676	43419	0.56	cps
Sulfur	34-1	1311534	1322111	1333232	1322292	0.82	cps
Terbium	159-1	7140455	7036743	6918415	7031871	1.58	cps
Terbium	159-2	4138613	4189080	4170951	4166215	0.61	cps
Thallium	203-1	200	142	242	194	25.83	cps
Thallium	205-1	467	442	450	453	2.81	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M3704-06DLX5	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	5
Date & Time Acquired ::	2021-10-19 14:10:20	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	111	106	156	124	22.09	cps
Tin	118-1	958	950	775	894	11.57	cps
Titanium	47-1	458	333	417	403	15.80	cps
Uranium	238-1	17	42	92	50	76.37	cps
Vanadium	51-2	113	100	140	118	17.29	cps
Yttrium	89-1	10043809	10085982	10222805	10117532	0.92	cps
Yttrium	89-2	2986163	3030295	3062143	3026200	1.26	cps
Zinc	66-2	2420	2264	2117	2267	6.69	cps
Zirconium	90-1	550	517	492	519	5.63	cps
Zirconium	91-1	133	92	142	122	21.92	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M3703-02	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:13:30	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	620361	629155	622356	623957	0.74	cps
Antimony	121-1	2971488	2930703	3005965	2969385	1.27	cps
Arsenic	75-2	549529	551227	551282	550679	0.18	cps
Barium	135-1	2355250	2361287	2361191	2359243	0.15	cps
Barium	137-1	4147816	4116108	4147305	4137076	0.44	cps
Beryllium	9-1	338742	336430	336597	337256	0.38	cps
Bismuth	209-1	3979533	4027598	3986069	3997733	0.65	cps
Bismuth	209-2	2636581	2593030	2615088	2614899	0.83	cps
Boron	10-1	132702	136780	136166	135216	1.63	cps
Boron	11-1	699503	711235	715433	708724	1.17	cps
Bromine	81-1	1042	1017	1067	1042	2.40	cps
Bromine	81-2	90	30	80	67	48.22	cps
Cadmium	111-1	1306672	1304369	1303900	1304980	0.11	cps
Cadmium	106-1	130784	131531	128175	130163	1.35	cps
Cadmium	108-1	93044	91173	90431	91550	1.47	cps
Calcium	43-1	592	549	839	660	23.69	cps
Calcium	44-1	43501	43513	43369	43461	0.18	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	751297	752084	763303	755562	0.89	cps
Cobalt	59-2	1882496	1899339	1905977	1895937	0.64	cps
Copper	63-2	1652776	1648878	1655080	1652245	0.19	cps
Dysprosium	156-1	50	33	17	33	50.00	cps
Dysprosium	156-2	43	67	77	62	27.50	cps
Erbium	164-1	42	25	33	33	25.01	cps
Erbium	164-2	20	30	40	30	33.33	cps
Gadolinium	160-1	75	42	67	61	28.38	cps
Gadolinium	160-2	123	127	133	128	3.98	cps
Holmium	165-1	6505748	6573529	6224671	6434649	2.87	cps
Holmium	165-2	3897035	3930159	3944323	3923839	0.62	cps
Indium	115-1	5597443	5622048	5592680	5604057	0.28	cps
Indium	115-2	2091103	2098310	2122156	2103856	0.77	cps
Iron	56-2	1555066	1536123	1555501	1548897	0.71	cps
Iron	57-2	40679	39336	39319	39778	1.96	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M3703-02	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:13:30	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	113247	114528	112015	113263	1.11	cps
Krypton	83-1	533	577	553	554	3.91	cps
Lead	206-1	4739101	4682952	4687912	4703322	0.66	cps
Lead	207-1	4010411	4035783	3979774	4008656	0.70	cps
Lead	208-1	19398112	19448047	19178377	19341512	0.74	cps
Lithium	6-1	678162	684050	666959	676390	1.28	cps
Magnesium	24-2	2367	2128	2067	2187	7.25	cps
Manganese	55-2	2013772	2014030	1989989	2005930	0.69	cps
Molybdenum	94-1	318992	318173	320727	319297	0.41	cps
Molybdenum	95-1	570611	562977	559183	564257	1.03	cps
Molybdenum	96-1	598319	603388	593109	598272	0.86	cps
Molybdenum	97-1	343579	346440	348817	346279	0.76	cps
Molybdenum	98-1	902945	895364	905079	901130	0.57	cps
Neodymium	150-1	173	147	133	151	13.48	cps
Neodymium	150-2	17	30	20	22	31.22	cps
Nickel	60-2	1274437	1278065	1280404	1277635	0.24	cps
Phosphorus	31-2	2742	3050	2559	2784	8.93	cps
Potassium	39-2	335267	343331	336031	338209	1.32	cps
Rhodium	103-1	5182088	5185198	5175069	5180785	0.10	cps
Rhodium	103-2	3700578	3659216	3604181	3654658	1.32	cps
Scandium	45-1	3276572	3250612	3246099	3257761	0.50	cps
Scandium	45-2	447604	445865	444915	446128	0.31	cps
Selenium	82-1	38478	38138	38115	38244	0.53	cps
Selenium	77-2	4704	4901	4931	4845	2.54	cps
Selenium	78-2	15903	16027	16252	16061	1.10	cps
Silicon	28-1	1846111	1852482	1840639	1846411	0.32	cps
Silver	107-1	4280040	4241593	4247231	4256288	0.49	cps
Silver	109-1	4044183	4057565	3994110	4031953	0.83	cps
Sodium	23-2	160428	160832	159923	160394	0.28	cps
Strontium	86-1	604984	605564	593659	601402	1.12	cps
Strontium	88-1	5320598	5424185	5341617	5362133	1.02	cps
Sulfur	34-1	1315468	1282560	1246387	1281472	2.70	cps
Terbium	159-1	6917304	6924865	6979276	6940482	0.49	cps
Terbium	159-2	4099580	4152396	4163737	4138571	0.83	cps
Thallium	203-1	1155405	1166989	1143479	1155291	1.02	cps
Thallium	205-1	2721121	2718459	2700518	2713366	0.41	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M3703-02	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:13:30	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	111	94	83	96	14.51	cps
Tin	118-1	1058	1000	867	975	10.08	cps
Titanium	47-1	467	525	642	544	16.37	cps
Uranium	238-1	67	17	50	44	57.28	cps
Vanadium	51-2	5197650	5169663	5171496	5179603	0.30	cps
Yttrium	89-1	10142436	10035055	10113809	10097100	0.55	cps
Yttrium	89-2	3036792	3003618	2989028	3009812	0.81	cps
Zinc	66-2	1221781	1237275	1236742	1231933	0.71	cps
Zirconium	90-1	1483	1292	1300	1358	7.98	cps
Zirconium	91-1	1675	1608	1600	1628	2.53	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M3703-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:16:38	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7602	7791	7430	7608	2.38	cps
Antimony	121-1	992	1042	983	1006	3.14	cps
Arsenic	75-2	131	128	113	124	7.90	cps
Barium	135-1	442	550	292	428	30.32	cps
Barium	137-1	633	850	592	692	20.05	cps
Beryllium	9-1	340	407	380	376	8.93	cps
Bismuth	209-1	3898777	3886143	3952286	3912402	0.90	cps
Bismuth	209-2	2535667	2535146	2524369	2531727	0.25	cps
Boron	10-1	21232	21307	21541	21360	0.75	cps
Boron	11-1	110829	111561	112280	111556	0.65	cps
Bromine	81-1	1050	1075	833	986	13.48	cps
Bromine	81-2	60	110	90	87	29.04	cps
Cadmium	111-1	651	641	601	631	4.17	cps
Cadmium	106-1	4501	4167	4401	4356	3.93	cps
Cadmium	108-1	71	67	50	63	17.64	cps
Calcium	43-1	625	400	441	489	24.50	cps
Calcium	44-1	40629	39459	41424	40504	2.44	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3617	3701	3567	3628	1.86	cps
Cobalt	59-2	393	383	343	373	7.09	cps
Copper	63-2	2550	2660	2570	2594	2.26	cps
Dysprosium	156-1	42	33	25	33	25.01	cps
Dysprosium	156-2	17	17	7	13	43.29	cps
Erbium	164-1	67	50	58	58	14.29	cps
Erbium	164-2	47	37	30	38	22.21	cps
Gadolinium	160-1	83	33	92	69	45.44	cps
Gadolinium	160-2	93	113	137	114	18.95	cps
Holmium	165-1	6436887	6110362	6460309	6335852	3.09	cps
Holmium	165-2	3859171	3895401	3870325	3874966	0.48	cps
Indium	115-1	5372007	5323270	5365885	5353721	0.50	cps
Indium	115-2	2025356	2010204	2036740	2024100	0.66	cps
Iron	56-2	18462	19057	19124	18881	1.93	cps
Iron	57-2	2467	2695	2761	2641	5.85	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M3703-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:16:38	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	5367	5186	5367	5306	1.96	cps
Krypton	83-1	567	507	513	529	6.22	cps
Lead	206-1	3034	3039	2600	2891	8.71	cps
Lead	207-1	2667	2567	2284	2506	7.94	cps
Lead	208-1	11886	11947	10641	11491	6.41	cps
Lithium	6-1	658521	653847	661479	657949	0.58	cps
Magnesium	24-2	1939	2017	2200	2052	6.53	cps
Manganese	55-2	673	563	617	618	8.90	cps
Molybdenum	94-1	3100	3284	3100	3162	3.35	cps
Molybdenum	95-1	175	208	242	208	16.00	cps
Molybdenum	96-1	775	683	875	778	12.33	cps
Molybdenum	97-1	100	125	108	111	11.46	cps
Molybdenum	98-1	408	350	267	342	20.84	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	3	13	10	9	57.30	cps
Nickel	60-2	687	620	630	646	5.57	cps
Phosphorus	31-2	2734	2700	2867	2767	3.19	cps
Potassium	39-2	354883	354445	358681	356003	0.65	cps
Rhodium	103-1	5109594	5089762	5121199	5106852	0.31	cps
Rhodium	103-2	3628561	3643303	3698728	3656864	1.01	cps
Scandium	45-1	3178557	3143745	3182857	3168386	0.68	cps
Scandium	45-2	440287	436445	445906	440879	1.08	cps
Selenium	82-1	44	101	51	65	47.15	cps
Selenium	77-2	30	30	17	26	30.11	cps
Selenium	78-2	211	243	226	227	6.95	cps
Silicon	28-1	5759233	5699273	5648560	5702355	0.97	cps
Silver	107-1	1258	1417	1000	1225	17.17	cps
Silver	109-1	1217	1058	1125	1133	7.01	cps
Sodium	23-2	233363	232112	234307	233260	0.47	cps
Strontium	86-1	958	1142	1042	1047	8.77	cps
Strontium	88-1	1192	1592	1292	1358	15.33	cps
Sulfur	34-1	1161740	1154177	1146733	1154216	0.65	cps
Terbium	159-1	6899805	6935842	6867740	6901129	0.49	cps
Terbium	159-2	4099508	4117841	4075659	4097669	0.52	cps
Thallium	203-1	750	925	975	883	13.38	cps
Thallium	205-1	2084	1909	1833	1942	6.61	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M3703-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:16:38	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	72	139	94	102	33.33	cps
Tin	118-1	5579839	5593037	5551002	5574626	0.39	cps
Titanium	47-1	57755	56116	57245	57039	1.47	cps
Uranium	238-1	75	67	67	69	6.93	cps
Vanadium	51-2	703	707	750	720	3.62	cps
Yttrium	89-1	9882615	10200227	9992343	10025061	1.61	cps
Yttrium	89-2	2970261	2990612	3013636	2991503	0.73	cps
Zinc	66-2	2377	2087	2247	2237	6.49	cps
Zirconium	90-1	8561	8745	8586	8631	1.15	cps
Zirconium	91-1	1858	1767	1917	1847	4.09	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M3703-06	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:19:48	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	517	517	483	506	3.81	cps
Antimony	121-1	358	317	342	339	6.19	cps
Arsenic	75-2	87	74	63	75	16.14	cps
Barium	135-1	358	333	375	356	5.90	cps
Barium	137-1	708	742	617	689	9.40	cps
Beryllium	9-1	260	187	243	230	16.71	cps
Bismuth	209-1	4195479	4201015	4047238	4147910	2.10	cps
Bismuth	209-2	2669985	2663620	2640640	2658082	0.58	cps
Boron	10-1	983	975	1033	997	3.16	cps
Boron	11-1	4401	4434	4534	4456	1.56	cps
Bromine	81-1	4718	4476	5443	4879	10.32	cps
Bromine	81-2	841	831	1031	901	12.52	cps
Cadmium	111-1	611	572	518	567	8.24	cps
Cadmium	106-1	4467	4818	4376	4554	5.12	cps
Cadmium	108-1	46	38	58	47	22.20	cps
Calcium	43-1	1445499	1434129	1400535	1426721	1.64	cps
Calcium	44-1	22334987	22108797	22052329	22165371	0.67	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2654	2760	3000	2805	6.33	cps
Cobalt	59-2	450	467	443	453	2.65	cps
Copper	63-2	2254	2300	2270	2275	1.04	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	13	3	0	6	124.93	cps
Erbium	164-1	25	42	75	47	53.91	cps
Erbium	164-2	33	27	37	32	15.80	cps
Gadolinium	160-1	67	67	92	75	19.24	cps
Gadolinium	160-2	127	103	137	122	13.99	cps
Holmium	165-1	7322305	7109052	7006665	7146007	2.25	cps
Holmium	165-2	4168085	4215137	4115600	4166274	1.20	cps
Indium	115-1	5989507	5855858	5703584	5849649	2.45	cps
Indium	115-2	2136924	2154997	2121228	2137716	0.79	cps
Iron	56-2	17427	17961	17811	17733	1.55	cps
Iron	57-2	26836	27671	28556	27687	3.11	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M3703-06	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:19:48	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	2533	2273	2273	2359	6.37	cps
Krypton	83-1	560	577	590	576	2.61	cps
Lead	206-1	2139	2239	2111	2163	3.11	cps
Lead	207-1	1911	1911	1956	1926	1.33	cps
Lead	208-1	8846	8746	8223	8605	3.88	cps
Lithium	6-1	705828	697641	684995	696155	1.51	cps
Magnesium	24-2	5767953	5726313	5809979	5768082	0.73	cps
Manganese	55-2	533	500	507	513	3.44	cps
Molybdenum	94-1	2100	1934	2084	2039	4.50	cps
Molybdenum	95-1	3184	3259	3234	3225	1.18	cps
Molybdenum	96-1	3651	3884	3742	3759	3.13	cps
Molybdenum	97-1	2042	2000	2242	2095	6.17	cps
Molybdenum	98-1	5710	5326	5026	5354	6.40	cps
Neodymium	150-1	33	13	7	18	78.05	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	427	370	323	373	13.86	cps
Phosphorus	31-2	1333	1392	1400	1375	2.64	cps
Potassium	39-2	11110204	11170539	11281146	11187296	0.77	cps
Rhodium	103-1	5562857	5490208	5357860	5470309	1.90	cps
Rhodium	103-2	3768969	3754975	3751240	3758394	0.25	cps
Scandium	45-1	3622670	3564739	3526846	3571418	1.35	cps
Scandium	45-2	481161	483435	479726	481440	0.39	cps
Selenium	82-1	46	-29	0	6	636.16	cps
Selenium	77-2	13	13	10	12	15.73	cps
Selenium	78-2	228	213	228	223	3.84	cps
Silicon	28-1	709085	696836	696286	700736	1.03	cps
Silver	107-1	508	367	417	431	16.69	cps
Silver	109-1	400	458	367	408	11.36	cps
Sodium	23-2	51090378	50997347	51360083	51149269	0.37	cps
Strontium	86-1	28220	26700	26341	27087	3.68	cps
Strontium	88-1	234969	230156	227507	230878	1.64	cps
Sulfur	34-1	1089199	1123224	1142460	1118294	2.41	cps
Terbium	159-1	7712296	7554318	7503055	7589890	1.44	cps
Terbium	159-2	4367295	4464205	4370417	4400639	1.25	cps
Thallium	203-1	300	208	317	275	21.21	cps
Thallium	205-1	758	642	533	644	17.46	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M3703-06	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:19:48	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	56	94	44	65	40.50	cps
Tin	118-1	1475	967	950	1131	26.40	cps
Titanium	47-1	175	275	308	253	27.45	cps
Uranium	238-1	58	58	33	50	28.87	cps
Vanadium	51-2	290	277	287	284	2.44	cps
Yttrium	89-1	11073378	11097374	10861126	11010626	1.18	cps
Yttrium	89-2	3202037	3218640	3190650	3203776	0.44	cps
Zinc	66-2	1873	1797	2027	1899	6.17	cps
Zirconium	90-1	525	633	442	533	18.02	cps
Zirconium	91-1	125	92	167	128	29.41	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M3703-06DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2021-10-19 14:22:56	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	506	472	517	498	4.64	cps
Antimony	121-1	133	158	183	158	15.79	cps
Arsenic	75-2	59	44	50	51	14.61	cps
Barium	135-1	133	158	167	153	11.35	cps
Barium	137-1	342	217	267	275	22.88	cps
Beryllium	9-1	2195	220	200	872	131.48	cps
Bismuth	209-1	4001317	3961566	3949298	3970727	0.68	cps
Bismuth	209-2	2526947	2524786	2521237	2524323	0.11	cps
Boron	10-1	800	742	833	792	5.86	cps
Boron	11-1	3884	4067	3751	3901	4.08	cps
Bromine	81-1	3017	3050	3300	3123	4.96	cps
Bromine	81-2	501	561	531	531	5.66	cps
Cadmium	111-1	490	511	434	478	8.28	cps
Cadmium	106-1	4684	4659	4051	4465	8.04	cps
Cadmium	108-1	29	25	42	32	27.15	cps
Calcium	43-1	668471	651228	661158	660286	1.31	cps
Calcium	44-1	10465463	10219348	10293425	10326079	1.22	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2874	2814	2960	2883	2.56	cps
Cobalt	59-2	203	237	227	222	7.70	cps
Copper	63-2	1970	2160	2074	2068	4.60	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	33	42	42	39	12.38	cps
Erbium	164-2	30	20	27	26	19.92	cps
Gadolinium	160-1	83	75	75	78	6.19	cps
Gadolinium	160-2	133	117	130	127	6.96	cps
Holmium	165-1	6757817	6621673	6652671	6677387	1.07	cps
Holmium	165-2	3922236	3952127	3956436	3943600	0.47	cps
Indium	115-1	5591844	5514771	5474934	5527183	1.08	cps
Indium	115-2	2048685	2021192	2052277	2040718	0.83	cps
Iron	56-2	17655	17511	17750	17639	0.68	cps
Iron	57-2	14396	14924	14841	14721	1.93	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M3703-06DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2021-10-19 14:22:56	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	4045	4195	3875	4038	3.97	cps
Krypton	83-1	577	550	603	577	4.62	cps
Lead	206-1	1372	1450	1289	1370	5.88	cps
Lead	207-1	972	1122	1128	1074	8.22	cps
Lead	208-1	5301	5251	4973	5175	3.41	cps
Lithium	6-1	670617	665693	665813	667374	0.42	cps
Magnesium	24-2	2625004	2626271	2592353	2614543	0.74	cps
Manganese	55-2	357	470	427	418	13.69	cps
Molybdenum	94-1	1158	983	1125	1089	8.53	cps
Molybdenum	95-1	1675	1608	1692	1658	2.66	cps
Molybdenum	96-1	1675	2025	1825	1842	9.53	cps
Molybdenum	97-1	942	950	1017	970	4.24	cps
Molybdenum	98-1	2767	2575	2642	2661	3.66	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	270	267	858	465	73.21	cps
Phosphorus	31-2	2192	2184	2017	2131	4.63	cps
Potassium	39-2	5450685	5499397	5544305	5498129	0.85	cps
Rhodium	103-1	5183527	5120253	5035979	5113253	1.45	cps
Rhodium	103-2	3574256	3578776	3622319	3591784	0.74	cps
Scandium	45-1	3364467	3327885	3348243	3346865	0.55	cps
Scandium	45-2	455041	450082	455448	453524	0.66	cps
Selenium	82-1	-38	30	-37	-15	-261.88	cps
Selenium	77-2	7	10	17	11	45.82	cps
Selenium	78-2	243	259	233	245	5.36	cps
Silicon	28-1	1027726	1023453	1031446	1027542	0.39	cps
Silver	107-1	283	250	250	261	7.37	cps
Silver	109-1	108	217	133	153	37.13	cps
Sodium	23-2	24531112	24682848	24502585	24572182	0.39	cps
Strontium	86-1	13290	13048	12906	13081	1.48	cps
Strontium	88-1	108818	110759	108131	109236	1.25	cps
Sulfur	34-1	1317778	1300522	1337901	1318734	1.42	cps
Terbium	159-1	7102592	7173729	7038543	7104955	0.95	cps
Terbium	159-2	4138707	4143169	4151582	4144486	0.16	cps
Thallium	203-1	217	83	158	153	43.75	cps
Thallium	205-1	358	350	300	336	9.39	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M3703-06DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2021-10-19 14:22:56	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	50	72	17	46	60.39	cps
Tin	118-1	725	725	650	700	6.19	cps
Titanium	47-1	392	342	317	350	10.91	cps
Uranium	238-1	42	33	33	36	13.33	cps
Vanadium	51-2	167	170	173	170	1.96	cps
Yttrium	89-1	10334213	10303695	10229864	10289257	0.52	cps
Yttrium	89-2	3019104	3022004	3029592	3023566	0.18	cps
Zinc	66-2	3480	3630	3470	3527	2.54	cps
Zirconium	90-1	425	517	517	486	10.89	cps
Zirconium	91-1	125	133	117	125	6.67	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M3704-02DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2021-10-19 14:26:03	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	315616	318045	315084	316249	0.50	cps
Antimony	121-1	1480905	1488400	1494240	1487848	0.45	cps
Arsenic	75-2	275372	277282	275968	276207	0.35	cps
Barium	135-1	1178302	1171605	1184033	1177980	0.53	cps
Barium	137-1	2054868	2045598	2060133	2053533	0.36	cps
Beryllium	9-1	173270	172124	174855	173416	0.79	cps
Bismuth	209-1	3905152	4204323	3781126	3963534	5.49	cps
Bismuth	209-2	2603774	2704539	2663446	2657253	1.91	cps
Boron	10-1	70104	68840	71536	70160	1.92	cps
Boron	11-1	365047	370270	369328	368215	0.76	cps
Bromine	81-1	1125	1067	1008	1067	5.47	cps
Bromine	81-2	130	70	70	90	38.50	cps
Cadmium	111-1	643840	648085	652214	648047	0.65	cps
Cadmium	106-1	67352	66230	67712	67098	1.15	cps
Cadmium	108-1	45360	45197	46990	45849	2.16	cps
Calcium	43-1	840	648	792	760	13.14	cps
Calcium	44-1	44109	43260	43004	43458	1.33	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	380872	376593	380831	379432	0.65	cps
Cobalt	59-2	953518	947439	958648	953202	0.59	cps
Copper	63-2	833554	823658	824049	827087	0.68	cps
Dysprosium	156-1	42	33	33	36	13.33	cps
Dysprosium	156-2	40	27	20	29	35.25	cps
Erbium	164-1	42	25	50	39	32.73	cps
Erbium	164-2	27	33	30	30	11.10	cps
Gadolinium	160-1	75	100	75	83	17.32	cps
Gadolinium	160-2	140	130	153	141	8.30	cps
Holmium	165-1	6445301	6774319	5919170	6379597	6.76	cps
Holmium	165-2	3893762	4023620	4034894	3984092	1.97	cps
Indium	115-1	5689971	6124583	5310048	5708201	7.14	cps
Indium	115-2	2080959	2135428	2115918	2110768	1.31	cps
Iron	56-2	783393	782765	778626	781595	0.33	cps
Iron	57-2	21004	21294	21527	21275	1.23	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M3704-02DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2021-10-19 14:26:03	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	61470	59590	61721	60927	1.91	cps
Krypton	83-1	573	623	487	561	12.32	cps
Lead	206-1	2356156	2362129	2340333	2352873	0.48	cps
Lead	207-1	2001425	1996276	2011278	2002993	0.38	cps
Lead	208-1	9171698	9193559	9217870	9194375	0.25	cps
Lithium	6-1	668436	719411	668554	685467	4.29	cps
Magnesium	24-2	2367	2550	2272	2397	5.89	cps
Manganese	55-2	1012216	1007364	1001256	1006945	0.55	cps
Molybdenum	94-1	161253	159701	162936	161297	1.00	cps
Molybdenum	95-1	283978	277255	283656	281630	1.35	cps
Molybdenum	96-1	305839	298443	305314	303199	1.36	cps
Molybdenum	97-1	176979	174025	175164	175390	0.85	cps
Molybdenum	98-1	456088	446631	454318	452346	1.11	cps
Neodymium	150-1	67	87	127	93	32.73	cps
Neodymium	150-2	17	10	7	11	45.82	cps
Nickel	60-2	640197	632201	637848	636749	0.65	cps
Phosphorus	31-2	2550	2709	3200	2820	12.02	cps
Potassium	39-2	342734	344140	340248	342374	0.58	cps
Rhodium	103-1	4990943	5625085	4830981	5149003	8.16	cps
Rhodium	103-2	3643122	3731389	3715024	3696511	1.27	cps
Scandium	45-1	3180359	3435274	3123099	3246244	5.12	cps
Scandium	45-2	438266	448563	450389	445739	1.47	cps
Selenium	82-1	18974	18934	19547	19152	1.79	cps
Selenium	77-2	2450	2254	2504	2402	5.48	cps
Selenium	78-2	8121	7937	8075	8044	1.19	cps
Silicon	28-1	1629557	1612688	1614871	1619039	0.57	cps
Silver	107-1	2124230	2106045	2145349	2125208	0.93	cps
Silver	109-1	1974588	1989149	2013395	1992377	0.98	cps
Sodium	23-2	150129	148333	149922	149461	0.66	cps
Strontium	86-1	304316	299191	311442	304983	2.02	cps
Strontium	88-1	2646442	2649158	2686397	2660666	0.84	cps
Sulfur	34-1	1389249	1383882	1376212	1383114	0.47	cps
Terbium	159-1	6918047	7326091	6609800	6951313	5.17	cps
Terbium	159-2	4136581	4301378	4234215	4224058	1.96	cps
Thallium	203-1	583310	573057	581709	579359	0.95	cps
Thallium	205-1	1352613	1359502	1325841	1345985	1.32	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M3704-02DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2021-10-19 14:26:03	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	83	50	44	59	35.49	cps
Tin	118-1	1000	950	967	972	2.62	cps
Titanium	47-1	642	442	542	542	18.46	cps
Uranium	238-1	50	50	92	64	37.66	cps
Vanadium	51-2	2509801	2512797	2531295	2517964	0.46	cps
Yttrium	89-1	9814023	10611314	9745825	10057054	4.78	cps
Yttrium	89-2	2996959	3056074	3035943	3029659	0.99	cps
Zinc	66-2	621158	621432	622364	621651	0.10	cps
Zirconium	90-1	1092	1008	983	1028	5.52	cps
Zirconium	91-1	842	733	783	786	6.90	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	CCV15	Instrumnet Name :	P7
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:34:47	DataFile Name :	035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8808563	8816018	8687720	8770767	0.82	cps
Antimony	121-1	3637384	3661974	3723225	3674194	1.20	cps
Arsenic	75-2	516357	515391	516041	515930	0.10	cps
Barium	135-1	3225798	3226254	3296568	3249540	1.25	cps
Barium	137-1	5695247	5664439	5805473	5721720	1.30	cps
Beryllium	9-1	489120	488373	499471	492321	1.26	cps
Bismuth	209-1	3669903	3696722	3606393	3657673	1.27	cps
Bismuth	209-2	2464068	2512806	2504886	2493920	1.05	cps
Boron	10-1	67609	67367	70414	68463	2.47	cps
Boron	11-1	356344	354197	366988	359176	1.91	cps
Bromine	81-1	2009	2234	2234	2159	6.02	cps
Bromine	81-2	80	70	40	63	32.87	cps
Cadmium	111-1	722944	732040	722852	725945	0.73	cps
Cadmium	106-1	91863	93558	92911	92777	0.92	cps
Cadmium	108-1	59478	59758	60867	60035	1.22	cps
Calcium	43-1	3537935	3615127	3580589	3577884	1.08	cps
Calcium	44-1	55038073	56690404	56323784	56017421	1.55	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1628835	1636593	1651389	1638939	0.70	cps
Cobalt	59-2	2464604	2456210	2468094	2462969	0.25	cps
Copper	63-2	19260907	18842017	18950063	19017663	1.14	cps
Dysprosium	156-1	600	650	483	578	14.80	cps
Dysprosium	156-2	397	410	443	417	5.77	cps
Erbium	164-1	125	142	158	142	11.77	cps
Erbium	164-2	67	60	77	68	12.38	cps
Gadolinium	160-1	417	483	475	458	7.92	cps
Gadolinium	160-2	390	400	483	424	12.07	cps
Holmium	165-1	6104497	6004999	6068000	6059166	0.83	cps
Holmium	165-2	3961638	3954618	3974785	3963680	0.26	cps
Indium	115-1	5175919	5250469	5248810	5225066	0.81	cps
Indium	115-2	1964189	1989072	2006195	1986485	1.06	cps
Iron	56-2	361845008	356241452	363070597	360385686	1.01	cps
Iron	57-2	8945469	9017074	8905399	8955981	0.63	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	CCV15	Instrumnet Name :	P7
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:34:47	DataFile Name :	035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	19654541	19822203	19592349	19689698	0.60	cps
Krypton	83-1	660	570	590	607	7.79	cps
Lead	206-1	9203215	9134728	9253133	9197025	0.65	cps
Lead	207-1	8079995	8025777	8005623	8037132	0.48	cps
Lead	208-1	36831517	36620720	36470348	36640862	0.50	cps
Lithium	6-1	674312	675959	686766	679012	1.00	cps
Magnesium	24-2	92371966	92806574	92866488	92681676	0.29	cps
Manganese	55-2	11510740	11366526	11353324	11410196	0.77	cps
Molybdenum	94-1	5153647	5226913	5298337	5226299	1.38	cps
Molybdenum	95-1	6366326	6411563	6556846	6444912	1.54	cps
Molybdenum	96-1	7096897	7219710	7223946	7180184	1.00	cps
Molybdenum	97-1	3882680	3914699	3955950	3917776	0.94	cps
Molybdenum	98-1	10316141	10205080	10424775	10315332	1.06	cps
Neodymium	150-1	207	213	187	202	6.86	cps
Neodymium	150-2	43	37	50	43	15.38	cps
Nickel	60-2	678122	670021	669365	672503	0.73	cps
Phosphorus	31-2	267043	272282	268628	269318	1.00	cps
Potassium	39-2	53211102	53212153	53295217	53239491	0.09	cps
Rhodium	103-1	4908151	4908300	4916305	4910919	0.09	cps
Rhodium	103-2	3437604	3487326	3522623	3482518	1.23	cps
Scandium	45-1	3272544	3294055	3349991	3305530	1.21	cps
Scandium	45-2	437066	436585	439581	437744	0.37	cps
Selenium	82-1	95191	95156	94955	95101	0.13	cps
Selenium	77-2	11865	12095	11895	11952	1.05	cps
Selenium	78-2	39175	39789	38945	39303	1.11	cps
Silicon	28-1	3473531	3544129	3595386	3537682	1.73	cps
Silver	107-1	3393940	3458950	3487478	3446789	1.39	cps
Silver	109-1	3311095	3303931	3310377	3308468	0.12	cps
Sodium	23-2	159172998	158010704	159014448	158732717	0.40	cps
Strontium	86-1	8500696	8443385	8510212	8484764	0.43	cps
Strontium	88-1	74215718	74468768	75379010	74687832	0.82	cps
Sulfur	34-1	1615977	1622625	1620692	1619765	0.21	cps
Terbium	159-1	6745871	6747750	6792369	6761996	0.39	cps
Terbium	159-2	4131275	4147450	4189083	4155936	0.72	cps
Thallium	203-1	2056343	2091357	2062526	2070075	0.90	cps
Thallium	205-1	4873268	4945429	4890343	4903013	0.77	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	CCV15	Instrumnet Name :	P7
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:34:47	DataFile Name :	035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	6692598	6570651	6614434	6625894	0.93	cps
Tin	118-1	2046774	2057514	2091127	2065138	1.12	cps
Titanium	47-1	1827774	1826255	1865085	1839705	1.20	cps
Uranium	238-1	5043826	5038996	5035549	5039457	0.08	cps
Vanadium	51-2	1508120	1501489	1516283	1508631	0.49	cps
Yttrium	89-1	10050542	10086650	10039701	10058964	0.24	cps
Yttrium	89-2	2984276	2994990	2995022	2991429	0.21	cps
Zinc	66-2	4183383	4141463	4192048	4172298	0.65	cps
Zirconium	90-1	4361933	4428608	4441024	4410522	0.96	cps
Zirconium	91-1	980267	979516	993147	984310	0.78	cps

LB Number : LB116918 Operator : JASWAL
 Lab Sample ID : CCB15 Instrumnet Name : P7
 Client Sample ID : CCB15 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-19 14:41:49 DataFile Name : 036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	589	661	561	604	8.55	cps
Antimony	121-1	625	525	708	619	14.82	cps
Arsenic	75-2	76	56	52	61	21.21	cps
Barium	135-1	58	133	75	89	44.30	cps
Barium	137-1	108	133	117	119	10.66	cps
Beryllium	9-1	297	357	383	346	12.85	cps
Bismuth	209-1	3905406	3845617	3891729	3880917	0.81	cps
Bismuth	209-2	2585534	2548972	2585323	2573276	0.82	cps
Boron	10-1	725	850	700	758	10.60	cps
Boron	11-1	3767	3609	3934	3770	4.31	cps
Bromine	81-1	1058	875	800	911	14.59	cps
Bromine	81-2	20	100	60	60	66.67	cps
Cadmium	111-1	448	446	451	448	0.57	cps
Cadmium	106-1	4042	4442	4309	4265	4.78	cps
Cadmium	108-1	33	33	25	31	15.74	cps
Calcium	43-1	416	433	658	502	26.86	cps
Calcium	44-1	41740	41389	40787	41306	1.17	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3140	3150	3030	3107	2.14	cps
Cobalt	59-2	170	177	207	184	10.59	cps
Copper	63-2	2467	2640	2540	2549	3.41	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	25	25	75	42	69.28	cps
Erbium	164-2	40	23	30	31	26.97	cps
Gadolinium	160-1	67	42	50	53	24.12	cps
Gadolinium	160-2	167	160	103	143	24.28	cps
Holmium	165-1	6223863	6146667	6062203	6144245	1.32	cps
Holmium	165-2	3918783	3920786	3966824	3935464	0.69	cps
Indium	115-1	5552621	5596127	5563023	5570590	0.41	cps
Indium	115-2	2108361	2102876	2106337	2105858	0.13	cps
Iron	56-2	24081	23719	24287	24029	1.20	cps
Iron	57-2	2889	2995	2950	2945	1.80	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	CCB15	Instrumnet Name :	P7
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:41:49	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	6057	6318	5727	6034	4.91	cps
Krypton	83-1	580	613	557	583	4.88	cps
Lead	206-1	2167	1828	2111	2035	8.93	cps
Lead	207-1	1672	1728	1778	1726	3.06	cps
Lead	208-1	7907	7857	7607	7790	2.06	cps
Lithium	6-1	689706	685270	684145	686374	0.43	cps
Magnesium	24-2	4212	4073	4212	4165	1.93	cps
Manganese	55-2	650	757	650	686	8.98	cps
Molybdenum	94-1	483	592	308	461	31.01	cps
Molybdenum	95-1	200	308	300	269	22.37	cps
Molybdenum	96-1	267	333	367	322	15.80	cps
Molybdenum	97-1	192	200	125	172	23.87	cps
Molybdenum	98-1	375	392	358	375	4.44	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	267	260	230	252	7.74	cps
Phosphorus	31-2	3075	3050	2909	3012	2.99	cps
Potassium	39-2	362213	362305	359566	361361	0.43	cps
Rhodium	103-1	5218346	5143028	5143534	5168302	0.84	cps
Rhodium	103-2	3654858	3647068	3686924	3662950	0.58	cps
Scandium	45-1	3296418	3314935	3257907	3289753	0.88	cps
Scandium	45-2	445639	444349	448370	446119	0.46	cps
Selenium	82-1	43	-20	33	19	176.85	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	233	246	204	228	9.58	cps
Silicon	28-1	1459896	1463039	1467684	1463540	0.27	cps
Silver	107-1	492	358	433	428	15.63	cps
Silver	109-1	275	400	317	331	19.25	cps
Sodium	23-2	182632	178898	177808	179780	1.41	cps
Strontium	86-1	1017	1050	1092	1053	3.57	cps
Strontium	88-1	1825	1650	1683	1720	5.40	cps
Sulfur	34-1	1252833	1238394	1241523	1244250	0.61	cps
Terbium	159-1	7043102	6956852	6865791	6955248	1.27	cps
Terbium	159-2	4159208	4150845	4118846	4142966	0.51	cps
Thallium	203-1	458	358	267	361	26.55	cps
Thallium	205-1	933	817	867	872	6.71	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	CCB15	Instrumnet Name :	P7
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:41:49	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	539	572	478	530	9.04	cps
Tin	118-1	967	1025	933	975	4.76	cps
Titanium	47-1	400	442	467	436	7.72	cps
Uranium	238-1	125	100	75	100	25.00	cps
Vanadium	51-2	90	70	70	77	15.06	cps
Yttrium	89-1	10165960	10029593	10095258	10096937	0.68	cps
Yttrium	89-2	3011273	3025867	2991993	3009711	0.56	cps
Zinc	66-2	1567	1580	1683	1610	3.97	cps
Zirconium	90-1	742	708	750	733	3.01	cps
Zirconium	91-1	175	183	142	167	13.23	cps

LB Number : LB116918 Operator : JASWAL
 Lab Sample ID : CRI Instrumnet Name : P7
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2021-10-19 14:51:07 DataFile Name : 038LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4306	4545	4479	4443	2.78	cps
Antimony	121-1	12464	12556	12464	12495	0.42	cps
Arsenic	75-2	904	874	852	877	2.97	cps
Barium	135-1	12181	12081	11455	11905	3.30	cps
Barium	137-1	20474	20107	20399	20326	0.95	cps
Beryllium	9-1	1140	1170	1160	1157	1.32	cps
Bismuth	209-1	3850211	3839588	3788875	3826224	0.86	cps
Bismuth	209-2	2486756	2519769	2457898	2488141	1.24	cps
Boron	10-1	3117	3325	3409	3284	4.58	cps
Boron	11-1	16651	16726	16801	16726	0.45	cps
Bromine	81-1	825	917	733	825	11.11	cps
Bromine	81-2	100	60	80	80	25.01	cps
Cadmium	111-1	1686	1695	1854	1745	5.41	cps
Cadmium	106-1	4434	4359	4568	4454	2.37	cps
Cadmium	108-1	129	113	129	124	7.79	cps
Calcium	43-1	6782	6240	7141	6721	6.75	cps
Calcium	44-1	139663	143054	139554	140757	1.41	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8776	9403	8956	9045	3.57	cps
Cobalt	59-2	4404	4394	4457	4418	0.77	cps
Copper	63-2	8212	7869	8179	8087	2.34	cps
Dysprosium	156-1	0	42	17	19	107.85	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	50	42	50	47	10.18	cps
Erbium	164-2	23	27	37	29	24.03	cps
Gadolinium	160-1	33	8	92	44	96.23	cps
Gadolinium	160-2	117	143	130	130	10.26	cps
Holmium	165-1	6460215	6047681	5920498	6142798	4.59	cps
Holmium	165-2	3850327	3807158	3818346	3825277	0.59	cps
Indium	115-1	5528069	5532305	5454801	5505058	0.79	cps
Indium	115-2	2087972	2074253	2080793	2081006	0.33	cps
Iron	56-2	151415	150264	151437	151038	0.44	cps
Iron	57-2	5985	6101	6112	6066	1.17	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:51:07	DataFile Name :	038LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	12939	12678	12919	12845	1.13	cps
Krypton	83-1	610	527	550	562	7.65	cps
Lead	206-1	4534	4379	4540	4484	2.04	cps
Lead	207-1	3956	3506	3806	3756	6.10	cps
Lead	208-1	17444	17310	17371	17375	0.38	cps
Lithium	6-1	665843	664997	655578	662139	0.86	cps
Magnesium	24-2	160036	161428	159475	160313	0.63	cps
Manganese	55-2	2584	2620	2514	2572	2.11	cps
Molybdenum	94-1	8878	8711	9770	9120	6.24	cps
Molybdenum	95-1	10671	10613	11188	10824	2.93	cps
Molybdenum	96-1	12556	12564	12006	12375	2.59	cps
Molybdenum	97-1	6994	6743	6660	6799	2.55	cps
Molybdenum	98-1	17102	16752	17186	17013	1.35	cps
Neodymium	150-1	0	13	13	9	86.60	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	1563	1530	1590	1561	1.93	cps
Phosphorus	31-2	2892	2892	2809	2864	1.68	cps
Potassium	39-2	534516	533474	538736	535575	0.52	cps
Rhodium	103-1	5045173	5115475	5059797	5073482	0.73	cps
Rhodium	103-2	3565335	3630467	3585871	3593891	0.93	cps
Scandium	45-1	3248442	3291720	3153580	3231247	2.19	cps
Scandium	45-2	445603	446036	447408	446349	0.21	cps
Selenium	82-1	670	805	792	756	9.85	cps
Selenium	77-2	87	97	83	89	7.81	cps
Selenium	78-2	552	428	535	505	13.34	cps
Silicon	28-1	1415695	1404713	1415314	1411907	0.44	cps
Silver	107-1	5801	6185	5976	5988	3.21	cps
Silver	109-1	5626	5418	5676	5573	2.46	cps
Sodium	23-2	425043	414941	421331	420439	1.22	cps
Strontium	86-1	2434	2617	2700	2584	5.28	cps
Strontium	88-1	15776	15676	14775	15409	3.58	cps
Sulfur	34-1	1247156	1244577	1246935	1246222	0.11	cps
Terbium	159-1	6908523	6940671	6739580	6862924	1.57	cps
Terbium	159-2	4143118	4072675	4076453	4097416	0.97	cps
Thallium	203-1	3576	3676	3792	3681	2.95	cps
Thallium	205-1	9012	9020	9362	9131	2.19	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 14:51:07	DataFile Name :	038LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	228	189	178	198	13.25	cps
Tin	118-1	17820	18145	18696	18221	2.43	cps
Titanium	47-1	3526	3534	3551	3537	0.36	cps
Uranium	238-1	9045	8578	8578	8734	3.09	cps
Vanadium	51-2	12572	13306	13336	13071	3.31	cps
Yttrium	89-1	10119662	9915789	9945426	9993626	1.10	cps
Yttrium	89-2	2970487	2969656	2994396	2978180	0.47	cps
Zinc	66-2	3674	3717	3791	3727	1.58	cps
Zirconium	90-1	7461	7577	7827	7622	2.46	cps
Zirconium	91-1	1617	1767	1825	1736	6.19	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M3704-04DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2021-10-19 14:54:16	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4101	4112	4228	4147	1.71	cps
Antimony	121-1	217	217	175	203	11.86	cps
Arsenic	75-2	48	59	43	50	16.98	cps
Barium	135-1	183	150	158	164	10.58	cps
Barium	137-1	233	233	233	233	0.00	cps
Beryllium	9-1	233	197	197	209	10.14	cps
Bismuth	209-1	3906853	3818799	3704046	3809899	2.67	cps
Bismuth	209-2	2467502	2463214	2493920	2474879	0.67	cps
Boron	10-1	10571	10204	10754	10509	2.67	cps
Boron	11-1	55720	56029	56506	56085	0.71	cps
Bromine	81-1	875	875	925	892	3.24	cps
Bromine	81-2	40	70	60	57	26.96	cps
Cadmium	111-1	438	461	424	441	4.31	cps
Cadmium	106-1	4334	4459	4151	4315	3.60	cps
Cadmium	108-1	42	38	29	36	17.62	cps
Calcium	43-1	558	508	625	564	10.39	cps
Calcium	44-1	41072	40629	39969	40557	1.37	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3367	3310	3334	3337	0.85	cps
Cobalt	59-2	253	253	197	234	13.96	cps
Copper	63-2	2414	2350	2524	2429	3.61	cps
Dysprosium	156-1	25	17	25	22	21.64	cps
Dysprosium	156-2	3	17	10	10	66.70	cps
Erbium	164-1	25	42	67	44	47.19	cps
Erbium	164-2	27	27	23	26	7.55	cps
Gadolinium	160-1	92	8	42	47	88.83	cps
Gadolinium	160-2	87	127	110	108	18.64	cps
Holmium	165-1	6078697	6468106	6267182	6271329	3.11	cps
Holmium	165-2	3796227	3874685	3822684	3831199	1.04	cps
Indium	115-1	5396530	5507290	5265621	5389814	2.24	cps
Indium	115-2	2032709	2058798	2029989	2040498	0.78	cps
Iron	56-2	20526	19786	19313	19875	3.08	cps
Iron	57-2	2728	2934	2961	2874	4.44	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M3704-04DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2021-10-19 14:54:16	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	5767	5407	4996	5390	7.16	cps
Krypton	83-1	603	563	677	614	9.35	cps
Lead	206-1	1295	1250	1183	1243	4.50	cps
Lead	207-1	1000	995	1067	1020	3.94	cps
Lead	208-1	5062	4700	4973	4912	3.83	cps
Lithium	6-1	671579	671304	642049	661644	2.56	cps
Magnesium	24-2	4306	3923	3845	4025	6.14	cps
Manganese	55-2	697	640	517	618	14.90	cps
Molybdenum	94-1	2217	1925	1792	1978	10.99	cps
Molybdenum	95-1	167	242	117	175	35.95	cps
Molybdenum	96-1	533	567	583	561	4.54	cps
Molybdenum	97-1	100	150	117	122	20.83	cps
Molybdenum	98-1	308	175	267	250	27.28	cps
Neodymium	150-1	13	7	13	11	34.61	cps
Neodymium	150-2	7	13	3	8	65.47	cps
Nickel	60-2	497	457	503	486	5.20	cps
Phosphorus	31-2	2675	2767	2925	2789	4.54	cps
Potassium	39-2	353099	356049	357849	355666	0.67	cps
Rhodium	103-1	5122971	5096212	5033644	5084276	0.90	cps
Rhodium	103-2	3599520	3607782	3635450	3614251	0.52	cps
Scandium	45-1	3269900	3235363	3145954	3217072	1.99	cps
Scandium	45-2	448118	448280	449478	448625	0.17	cps
Selenium	82-1	-21	26	-80	-25	-211.17	cps
Selenium	77-2	7	17	10	11	45.82	cps
Selenium	78-2	206	194	198	199	2.84	cps
Silicon	28-1	3423063	3406207	3400382	3409884	0.35	cps
Silver	107-1	267	300	275	281	6.18	cps
Silver	109-1	225	200	233	219	7.90	cps
Sodium	23-2	187041	187732	185933	186902	0.49	cps
Strontium	86-1	992	1133	1283	1136	12.84	cps
Strontium	88-1	1408	1533	1308	1417	7.96	cps
Sulfur	34-1	1227662	1212752	1214571	1218328	0.67	cps
Terbium	159-1	6809878	6871842	6734479	6805400	1.01	cps
Terbium	159-2	4051956	4034700	4059276	4048644	0.31	cps
Thallium	203-1	283	292	250	275	8.02	cps
Thallium	205-1	533	575	567	558	3.95	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M3704-04DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2021-10-19 14:54:16	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	194	222	139	185	22.91	cps
Tin	118-1	2786229	2761433	2760682	2769448	0.52	cps
Titanium	47-1	29029	29021	29288	29113	0.52	cps
Uranium	238-1	150	108	150	136	17.67	cps
Vanadium	51-2	137	153	173	154	11.89	cps
Yttrium	89-1	10070267	10166726	10002418	10079804	0.82	cps
Yttrium	89-2	2984440	2988498	3013929	2995622	0.53	cps
Zinc	66-2	2634	2880	2484	2666	7.51	cps
Zirconium	90-1	4859	4684	4926	4823	2.59	cps
Zirconium	91-1	1208	1092	1050	1117	7.35	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M3703-02DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2021-10-19 14:57:25	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	311127	320696	317964	316596	1.56	cps
Antimony	121-1	1468505	1445825	1466665	1460332	0.86	cps
Arsenic	75-2	273742	274822	274680	274414	0.21	cps
Barium	135-1	1154224	1137366	1159371	1150320	1.00	cps
Barium	137-1	2023104	2030275	2019606	2024328	0.27	cps
Beryllium	9-1	168599	166971	166440	167337	0.67	cps
Bismuth	209-1	3827962	3865946	3866305	3853404	0.57	cps
Bismuth	209-2	2520869	2521407	2497376	2513217	0.55	cps
Boron	10-1	65199	68447	67944	67197	2.60	cps
Boron	11-1	345548	352552	354353	350818	1.33	cps
Bromine	81-1	950	1033	1017	1000	4.41	cps
Bromine	81-2	90	60	70	73	20.83	cps
Cadmium	111-1	649399	647544	647712	648218	0.16	cps
Cadmium	106-1	66489	64129	64605	65074	1.92	cps
Cadmium	108-1	44486	44235	45000	44574	0.87	cps
Calcium	43-1	2004	1813	2023	1947	5.96	cps
Calcium	44-1	60724	60907	61446	61025	0.61	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	375452	376496	382957	378302	1.07	cps
Cobalt	59-2	952425	949518	947884	949943	0.24	cps
Copper	63-2	819779	825072	827682	824178	0.49	cps
Dysprosium	156-1	58	33	42	44	28.65	cps
Dysprosium	156-2	50	40	50	47	12.37	cps
Erbium	164-1	67	58	42	56	22.91	cps
Erbium	164-2	27	30	33	30	11.10	cps
Gadolinium	160-1	33	83	42	53	50.76	cps
Gadolinium	160-2	117	120	110	116	4.41	cps
Holmium	165-1	6384069	6026453	6042111	6150878	3.29	cps
Holmium	165-2	3867230	3854764	3835450	3852481	0.42	cps
Indium	115-1	5548251	5501989	5500720	5516986	0.49	cps
Indium	115-2	2051652	2088969	2075952	2072191	0.91	cps
Iron	56-2	779333	784765	782956	782351	0.35	cps
Iron	57-2	21221	21499	21544	21421	0.82	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M3703-02DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2021-10-19 14:57:25	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	59470	59902	60546	59973	0.90	cps
Krypton	83-1	583	590	560	578	2.73	cps
Lead	206-1	2271900	2261355	2269678	2267645	0.25	cps
Lead	207-1	1900451	1904278	1910204	1904978	0.26	cps
Lead	208-1	8795621	8797540	8808724	8800628	0.08	cps
Lithium	6-1	675022	664730	663167	667639	0.96	cps
Magnesium	24-2	5618	5262	5718	5533	4.33	cps
Manganese	55-2	1000109	1005335	1010755	1005400	0.53	cps
Molybdenum	94-1	158275	159272	161218	159588	0.94	cps
Molybdenum	95-1	280079	277233	280748	279353	0.67	cps
Molybdenum	96-1	301387	297040	295915	298114	0.97	cps
Molybdenum	97-1	172937	174507	169608	172350	1.45	cps
Molybdenum	98-1	448030	452540	444667	448413	0.88	cps
Neodymium	150-1	87	87	113	96	16.11	cps
Neodymium	150-2	23	10	10	14	53.28	cps
Nickel	60-2	637153	634618	636058	635943	0.20	cps
Phosphorus	31-2	2650	2859	3150	2886	8.70	cps
Potassium	39-2	331273	334668	339111	335017	1.17	cps
Rhodium	103-1	5073213	5105749	5136094	5105018	0.62	cps
Rhodium	103-2	3625760	3611188	3593041	3609996	0.45	cps
Scandium	45-1	3235872	3245160	3229990	3237008	0.24	cps
Scandium	45-2	442442	445223	443683	443783	0.31	cps
Selenium	82-1	18988	19074	18695	18919	1.05	cps
Selenium	77-2	2520	2350	2340	2404	4.21	cps
Selenium	78-2	8015	7815	8188	8006	2.33	cps
Silicon	28-1	1588642	1583481	1586096	1586073	0.16	cps
Silver	107-1	2085089	2049337	2082102	2072176	0.96	cps
Silver	109-1	1997712	1980966	1980612	1986430	0.49	cps
Sodium	23-2	142416	141833	142047	142099	0.21	cps
Strontium	86-1	297931	301647	304206	301261	1.05	cps
Strontium	88-1	2617562	2611858	2649303	2626241	0.77	cps
Sulfur	34-1	1196427	1190864	1188386	1191892	0.35	cps
Terbium	159-1	6996654	6771556	6801339	6856516	1.78	cps
Terbium	159-2	4071010	4088653	4047294	4068986	0.51	cps
Thallium	203-1	549188	557913	559012	555371	0.97	cps
Thallium	205-1	1311029	1321635	1303221	1311962	0.70	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M3703-02DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2021-10-19 14:57:25	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	122	83	106	104	18.81	cps
Tin	118-1	2309	1967	1775	2017	13.40	cps
Titanium	47-1	583	550	425	519	16.07	cps
Uranium	238-1	50	100	50	67	43.30	cps
Vanadium	51-2	2520331	2497429	2492493	2503417	0.59	cps
Yttrium	89-1	10021850	9807805	10020236	9949964	1.24	cps
Yttrium	89-2	2994645	2960471	2989134	2981417	0.62	cps
Zinc	66-2	614075	615240	623335	617550	0.82	cps
Zirconium	90-1	933	1050	1150	1045	10.38	cps
Zirconium	91-1	925	850	875	883	4.32	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M3703-04DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2021-10-19 15:00:34	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4384	4284	4223	4297	1.89	cps
Antimony	121-1	517	683	858	686	24.90	cps
Arsenic	75-2	96	93	80	90	9.78	cps
Barium	135-1	225	342	358	308	23.56	cps
Barium	137-1	483	450	592	508	14.57	cps
Beryllium	9-1	267	290	243	267	8.75	cps
Bismuth	209-1	3810480	3875504	3876522	3854169	0.98	cps
Bismuth	209-2	2473262	2510736	2488819	2490939	0.76	cps
Boron	10-1	11071	10621	11288	10993	3.10	cps
Boron	11-1	56154	56347	56347	56283	0.20	cps
Bromine	81-1	933	942	825	900	7.23	cps
Bromine	81-2	120	20	40	60	88.19	cps
Cadmium	111-1	582	575	577	578	0.67	cps
Cadmium	106-1	4442	4451	4242	4379	2.69	cps
Cadmium	108-1	29	29	50	36	33.30	cps
Calcium	43-1	500	550	591	547	8.39	cps
Calcium	44-1	38658	40454	39661	39591	2.27	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3417	3507	3360	3428	2.16	cps
Cobalt	59-2	420	287	333	347	19.52	cps
Copper	63-2	2450	2384	2637	2490	5.27	cps
Dysprosium	156-1	25	25	8	19	49.50	cps
Dysprosium	156-2	7	7	13	9	43.25	cps
Erbium	164-1	42	50	83	58	37.80	cps
Erbium	164-2	37	33	27	32	15.80	cps
Gadolinium	160-1	33	42	58	44	28.65	cps
Gadolinium	160-2	120	133	127	127	5.27	cps
Holmium	165-1	5990311	6532545	6514275	6345710	4.85	cps
Holmium	165-2	3846683	3840442	3823896	3837007	0.31	cps
Indium	115-1	5302703	5485684	5542177	5443521	2.30	cps
Indium	115-2	2043103	2030986	2039860	2037983	0.31	cps
Iron	56-2	16237	16248	15647	16044	2.14	cps
Iron	57-2	2506	2823	2773	2700	6.31	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M3703-04DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2021-10-19 15:00:34	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	5296	5066	5196	5186	2.23	cps
Krypton	83-1	533	553	587	558	4.83	cps
Lead	206-1	2134	2128	2078	2113	1.45	cps
Lead	207-1	1867	1895	1722	1828	5.06	cps
Lead	208-1	8668	8418	8157	8414	3.04	cps
Lithium	6-1	657182	663978	667487	662882	0.79	cps
Magnesium	24-2	2428	2478	2734	2547	6.44	cps
Manganese	55-2	633	593	610	612	3.28	cps
Molybdenum	94-1	1608	1850	1792	1750	7.21	cps
Molybdenum	95-1	117	167	217	167	30.00	cps
Molybdenum	96-1	550	567	392	503	19.21	cps
Molybdenum	97-1	67	100	117	94	26.96	cps
Molybdenum	98-1	258	233	217	236	8.88	cps
Neodymium	150-1	0	20	13	11	91.66	cps
Neodymium	150-2	10	7	7	8	24.71	cps
Nickel	60-2	580	560	473	538	10.54	cps
Phosphorus	31-2	2609	2892	2825	2775	5.34	cps
Potassium	39-2	346486	348187	347368	347347	0.24	cps
Rhodium	103-1	5004517	5138565	5220173	5121085	2.13	cps
Rhodium	103-2	3564996	3622025	3614776	3600599	0.86	cps
Scandium	45-1	3181922	3199328	3273116	3218122	1.50	cps
Scandium	45-2	446203	442517	443588	444103	0.43	cps
Selenium	82-1	21	40	3	22	85.59	cps
Selenium	77-2	7	3	3	4	43.40	cps
Selenium	78-2	243	196	191	210	13.57	cps
Silicon	28-1	3397484	3388833	3351806	3379374	0.72	cps
Silver	107-1	942	917	792	883	9.10	cps
Silver	109-1	825	800	767	797	3.67	cps
Sodium	23-2	178235	178871	176325	177810	0.75	cps
Strontium	86-1	1300	900	875	1025	23.27	cps
Strontium	88-1	1067	1008	1092	1056	4.05	cps
Sulfur	34-1	1157626	1143033	1159331	1153330	0.78	cps
Terbium	159-1	6728717	6986877	7187323	6967639	3.30	cps
Terbium	159-2	4072338	4067870	4064027	4068079	0.10	cps
Thallium	203-1	617	700	683	667	6.61	cps
Thallium	205-1	1458	1458	1358	1425	4.05	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M3703-04DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2021-10-19 15:00:34	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	100	122	128	117	12.60	cps
Tin	118-1	2764655	2785189	2752750	2767531	0.59	cps
Titanium	47-1	29113	29313	28879	29101	0.75	cps
Uranium	238-1	25	25	25	25	0.00	cps
Vanadium	51-2	500	590	537	542	8.35	cps
Yttrium	89-1	9997429	10242204	10263608	10167747	1.45	cps
Yttrium	89-2	2971488	2987329	2967389	2975402	0.35	cps
Zinc	66-2	4111	3814	3847	3924	4.14	cps
Zirconium	90-1	4759	4401	4651	4604	3.99	cps
Zirconium	91-1	1150	1042	1000	1064	7.28	cps

LB Number : LB116918 Operator : JASWAL
 Lab Sample ID : PB139159BL Instrumnet Name : P7
 Client Sample ID : PB139159BL Dilution Factor : 1
 Date & Time Acquired :: 2021-10-19 15:05:27 DataFile Name : 042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	467	394	472	444	9.76	cps
Antimony	121-1	192	200	175	189	6.74	cps
Arsenic	75-2	31	28	26	28	9.95	cps
Barium	135-1	50	42	25	39	32.73	cps
Barium	137-1	58	58	67	61	7.88	cps
Beryllium	9-1	217	167	193	192	13.02	cps
Bismuth	209-1	3873421	3873475	3880100	3875665	0.10	cps
Bismuth	209-2	2489600	2516989	2477551	2494713	0.81	cps
Boron	10-1	633	617	508	586	11.58	cps
Boron	11-1	3092	3275	2850	3073	6.94	cps
Bromine	81-1	833	867	1017	906	10.78	cps
Bromine	81-2	30	60	30	40	43.30	cps
Cadmium	111-1	431	395	467	431	8.37	cps
Cadmium	106-1	4317	3984	4468	4256	5.81	cps
Cadmium	108-1	25	29	25	26	9.12	cps
Calcium	43-1	392	333	492	406	19.75	cps
Calcium	44-1	37656	38508	36303	37489	2.97	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2897	3070	3124	3030	3.91	cps
Cobalt	59-2	100	80	110	97	15.80	cps
Copper	63-2	1810	1870	1957	1879	3.92	cps
Dysprosium	156-1	17	8	50	25	88.19	cps
Dysprosium	156-2	7	13	7	9	43.25	cps
Erbium	164-1	42	42	42	42	0.00	cps
Erbium	164-2	23	27	27	26	7.55	cps
Gadolinium	160-1	100	50	58	69	38.58	cps
Gadolinium	160-2	130	143	120	131	8.93	cps
Holmium	165-1	6035604	6090527	6173176	6099769	1.14	cps
Holmium	165-2	3767188	3798862	3846450	3804167	1.05	cps
Indium	115-1	5515375	5418006	5517573	5483651	1.04	cps
Indium	115-2	2052848	2076210	2061118	2063392	0.57	cps
Iron	56-2	13423	13139	13317	13293	1.08	cps
Iron	57-2	2645	2773	2861	2760	3.95	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	PB139159BL	Instrumnet Name :	P7
Client Sample ID :	PB139159BL	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 15:05:27	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	5076	4976	4615	4889	4.96	cps
Krypton	83-1	533	530	543	536	1.30	cps
Lead	206-1	1150	1311	1106	1189	9.10	cps
Lead	207-1	933	983	1139	1019	10.53	cps
Lead	208-1	4656	4728	4595	4660	1.43	cps
Lithium	6-1	652804	655379	660969	656384	0.64	cps
Magnesium	24-2	2445	2756	2356	2519	8.34	cps
Manganese	55-2	440	420	507	456	9.96	cps
Molybdenum	94-1	267	258	308	278	9.64	cps
Molybdenum	95-1	58	67	25	50	44.10	cps
Molybdenum	96-1	92	150	75	106	37.31	cps
Molybdenum	97-1	42	75	75	64	30.12	cps
Molybdenum	98-1	75	100	50	75	33.33	cps
Neodymium	150-1	13	13	0	9	86.60	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	290	333	277	300	9.88	cps
Phosphorus	31-2	2525	2750	2759	2678	4.94	cps
Potassium	39-2	324456	327239	324810	325502	0.47	cps
Rhodium	103-1	5075095	5096128	5079592	5083605	0.22	cps
Rhodium	103-2	3606199	3638551	3612935	3619228	0.47	cps
Scandium	45-1	3251409	3188127	3232299	3223945	1.01	cps
Scandium	45-2	442920	445466	442221	443535	0.39	cps
Selenium	82-1	12	-16	-17	-7	-235.82	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	215	200	206	207	3.62	cps
Silicon	28-1	1309881	1302431	1293386	1301900	0.63	cps
Silver	107-1	233	142	200	192	24.21	cps
Silver	109-1	142	83	150	125	29.06	cps
Sodium	23-2	111554	113832	111750	112379	1.12	cps
Strontium	86-1	925	917	883	908	2.43	cps
Strontium	88-1	283	367	367	339	14.20	cps
Sulfur	34-1	1190784	1182189	1185483	1186152	0.37	cps
Terbium	159-1	6876878	6884353	6894183	6885138	0.13	cps
Terbium	159-2	4026196	4041890	4075809	4047965	0.63	cps
Thallium	203-1	275	175	125	192	39.85	cps
Thallium	205-1	517	325	350	397	26.23	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	PB139159BL	Instrumnet Name :	P7
Client Sample ID :	PB139159BL	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 15:05:27	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	44	78	44	56	34.63	cps
Tin	118-1	1325	958	950	1078	19.87	cps
Titanium	47-1	433	383	433	417	6.93	cps
Uranium	238-1	33	25	0	19	89.21	cps
Vanadium	51-2	80	80	70	77	7.53	cps
Yttrium	89-1	9924087	10205199	10132997	10087428	1.45	cps
Yttrium	89-2	2929247	2982149	2971424	2960940	0.94	cps
Zinc	66-2	1353	1393	1533	1427	6.63	cps
Zirconium	90-1	383	425	700	503	34.22	cps
Zirconium	91-1	83	100	75	86	14.78	cps

LB Number : LB116918 Operator : JASWAL
 Lab Sample ID : PB139160BL Instrumnet Name : P7
 Client Sample ID : PB139160BL Dilution Factor : 1
 Date & Time Acquired :: 2021-10-19 15:08:36 DataFile Name : 043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	517	478	406	467	12.08	cps
Antimony	121-1	150	50	158	119	50.47	cps
Arsenic	75-2	33	24	26	28	17.64	cps
Barium	135-1	42	33	25	33	25.01	cps
Barium	137-1	92	58	108	86	29.57	cps
Beryllium	9-1	207	173	187	189	8.88	cps
Bismuth	209-1	3896251	3807071	3870723	3858015	1.19	cps
Bismuth	209-2	2491451	2522538	2541800	2518596	1.01	cps
Boron	10-1	433	483	483	467	6.19	cps
Boron	11-1	2475	2642	2234	2450	8.38	cps
Bromine	81-1	883	858	892	878	1.98	cps
Bromine	81-2	50	60	20	43	48.04	cps
Cadmium	111-1	500	476	430	468	7.60	cps
Cadmium	106-1	4826	4701	4251	4593	6.59	cps
Cadmium	108-1	29	46	29	35	27.70	cps
Calcium	43-1	458	467	475	467	1.79	cps
Calcium	44-1	37289	37807	37690	37595	0.72	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3140	2940	2850	2977	4.99	cps
Cobalt	59-2	87	107	110	101	12.48	cps
Copper	63-2	1993	1953	1943	1963	1.35	cps
Dysprosium	156-1	0	0	25	8	173.21	cps
Dysprosium	156-2	10	3	3	6	69.34	cps
Erbium	164-1	17	42	50	36	48.03	cps
Erbium	164-2	23	30	27	27	12.51	cps
Gadolinium	160-1	58	92	75	75	22.23	cps
Gadolinium	160-2	107	143	143	131	16.15	cps
Holmium	165-1	6034653	6128076	6440947	6201225	3.43	cps
Holmium	165-2	3835099	3837017	3842598	3838238	0.10	cps
Indium	115-1	5519659	5535832	5544127	5533206	0.22	cps
Indium	115-2	2066807	2075165	2073077	2071683	0.21	cps
Iron	56-2	12822	13606	13212	13213	2.97	cps
Iron	57-2	2623	2811	2739	2724	3.50	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	PB139160BL	Instrumnet Name :	P7
Client Sample ID :	PB139160BL	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 15:08:36	DataFile Name :	043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	4736	5036	4966	4913	3.20	cps
Krypton	83-1	527	683	483	564	18.64	cps
Lead	206-1	1061	1111	1011	1061	4.71	cps
Lead	207-1	783	883	744	804	8.92	cps
Lead	208-1	3906	4206	3950	4021	4.03	cps
Lithium	6-1	651189	646999	661141	653110	1.11	cps
Magnesium	24-2	2572	2600	2506	2560	1.90	cps
Manganese	55-2	497	477	490	488	2.09	cps
Molybdenum	94-1	233	200	208	214	8.11	cps
Molybdenum	95-1	50	42	58	50	16.67	cps
Molybdenum	96-1	150	167	142	153	8.33	cps
Molybdenum	97-1	42	25	17	28	45.82	cps
Molybdenum	98-1	42	133	67	81	58.82	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	0	7	7	4	86.60	cps
Nickel	60-2	287	303	237	276	12.59	cps
Phosphorus	31-2	2775	2867	2759	2800	2.08	cps
Potassium	39-2	325877	326012	327570	326487	0.29	cps
Rhodium	103-1	5122035	5099697	5141983	5121238	0.41	cps
Rhodium	103-2	3658147	3621157	3597144	3625483	0.85	cps
Scandium	45-1	3213720	3222026	3270067	3235271	0.94	cps
Scandium	45-2	444654	445556	444482	444898	0.13	cps
Selenium	82-1	30	-127	55	-14	-711.20	cps
Selenium	77-2	7	3	17	9	78.08	cps
Selenium	78-2	207	213	213	211	1.52	cps
Silicon	28-1	1304272	1303007	1294738	1300672	0.40	cps
Silver	107-1	208	175	200	194	8.92	cps
Silver	109-1	117	117	117	117	0.00	cps
Sodium	23-2	109590	110189	108476	109418	0.79	cps
Strontium	86-1	842	925	1025	931	9.86	cps
Strontium	88-1	392	392	350	378	6.37	cps
Sulfur	34-1	1204169	1209179	1207327	1206892	0.21	cps
Terbium	159-1	6940054	6822217	6943469	6901913	1.00	cps
Terbium	159-2	4054974	4042825	4090021	4062607	0.60	cps
Thallium	203-1	108	183	92	128	38.21	cps
Thallium	205-1	333	283	225	281	19.33	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	PB139160BL	Instrumnet Name :	P7
Client Sample ID :	PB139160BL	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 15:08:36	DataFile Name :	043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	28	50	89	56	55.68	cps
Tin	118-1	883	892	933	903	2.97	cps
Titanium	47-1	358	483	500	447	17.31	cps
Uranium	238-1	17	42	8	22	78.07	cps
Vanadium	51-2	50	63	67	60	14.70	cps
Yttrium	89-1	9993729	10143854	10085297	10074293	0.75	cps
Yttrium	89-2	2964126	2980807	2979163	2974699	0.31	cps
Zinc	66-2	1480	1433	1527	1480	3.15	cps
Zirconium	90-1	600	483	633	572	13.77	cps
Zirconium	91-1	75	75	125	92	31.49	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	PB139159BS	Instrumnet Name :	P7
Client Sample ID :	PB139159BS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 15:11:46	DataFile Name :	044LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1624021	1636022	1650601	1636881	0.81	cps
Antimony	121-1	3628285	3591236	3623553	3614358	0.56	cps
Arsenic	75-2	473671	472817	468812	471767	0.55	cps
Barium	135-1	3251364	3234149	3262761	3249425	0.44	cps
Barium	137-1	5722937	5667664	5727573	5706058	0.58	cps
Beryllium	9-1	452964	449419	443688	448691	1.04	cps
Bismuth	209-1	3630464	3573212	3594697	3599458	0.80	cps
Bismuth	209-2	2361565	2341136	2358180	2353627	0.47	cps
Boron	10-1	62681	63333	61333	62449	1.63	cps
Boron	11-1	327001	331135	336871	331669	1.49	cps
Bromine	81-1	1150	1017	850	1006	14.95	cps
Bromine	81-2	50	70	90	70	28.57	cps
Cadmium	111-1	687925	694470	691670	691355	0.47	cps
Cadmium	106-1	88543	90412	90127	89694	1.12	cps
Cadmium	108-1	58051	56905	59102	58019	1.89	cps
Calcium	43-1	687257	685542	695241	689347	0.75	cps
Calcium	44-1	10872883	10920130	11016183	10936399	0.67	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1643068	1621335	1615988	1626797	0.88	cps
Cobalt	59-2	2449545	2442252	2424806	2438868	0.52	cps
Copper	63-2	17557903	17605593	17731690	17631729	0.51	cps
Dysprosium	156-1	142	258	142	181	37.31	cps
Dysprosium	156-2	127	163	180	157	17.41	cps
Erbium	164-1	83	25	42	50	60.09	cps
Erbium	164-2	27	57	20	34	56.70	cps
Gadolinium	160-1	183	117	117	139	27.71	cps
Gadolinium	160-2	137	203	137	159	24.23	cps
Holmium	165-1	5905509	5969464	6360259	6078411	4.05	cps
Holmium	165-2	3703548	3723621	3800179	3742449	1.36	cps
Indium	115-1	5113291	5116718	5221544	5150518	1.19	cps
Indium	115-2	1906494	1924270	1929222	1919995	0.62	cps
Iron	56-2	73638702	72717377	71809959	72722012	1.26	cps
Iron	57-2	1772965	1749616	1741134	1754572	0.94	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	PB139159BS	Instrumnet Name :	P7
Client Sample ID :	PB139159BS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 15:11:46	DataFile Name :	044LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	4083751	4044261	3970748	4032920	1.42	cps
Krypton	83-1	490	653	587	577	14.24	cps
Lead	206-1	9177673	9298744	9138604	9205007	0.91	cps
Lead	207-1	7974937	7974031	7957909	7968959	0.12	cps
Lead	208-1	36342828	36191225	36117446	36217167	0.32	cps
Lithium	6-1	602750	609636	599675	604020	0.84	cps
Magnesium	24-2	17895714	17557613	17628725	17694017	1.01	cps
Manganese	55-2	11390159	11130502	11061056	11193905	1.55	cps
Molybdenum	94-1	5045019	5096202	5024775	5055332	0.73	cps
Molybdenum	95-1	6251845	6391662	6329243	6324250	1.11	cps
Molybdenum	96-1	6941650	7079268	6908785	6976567	1.30	cps
Molybdenum	97-1	3794822	3813397	3786126	3798115	0.37	cps
Molybdenum	98-1	10094892	10106578	10039070	10080180	0.36	cps
Neodymium	150-1	180	207	200	196	7.10	cps
Neodymium	150-2	27	47	40	38	26.95	cps
Nickel	60-2	627478	617905	622537	622640	0.77	cps
Phosphorus	31-2	269528	272048	268936	270170	0.61	cps
Potassium	39-2	10923046	10909647	11030449	10954381	0.60	cps
Rhodium	103-1	4796295	4857917	4819174	4824462	0.65	cps
Rhodium	103-2	3372020	3413165	3397890	3394358	0.61	cps
Scandium	45-1	3134629	3110463	3165793	3136961	0.88	cps
Scandium	45-2	432286	427521	431773	430527	0.61	cps
Selenium	82-1	85349	84645	85229	85074	0.44	cps
Selenium	77-2	10791	10898	10978	10889	0.86	cps
Selenium	78-2	35280	34496	34669	34815	1.18	cps
Silicon	28-1	3243852	3278731	3307107	3276563	0.97	cps
Silver	107-1	3239098	3289316	3270530	3266315	0.78	cps
Silver	109-1	3117893	3129364	3107276	3118178	0.35	cps
Sodium	23-2	31134785	31915399	31547767	31532650	1.24	cps
Strontium	86-1	8275186	8472842	8431480	8393169	1.24	cps
Strontium	88-1	72493258	73889760	72663764	73015594	1.04	cps
Sulfur	34-1	1538442	1518155	1509792	1522130	0.97	cps
Terbium	159-1	6653800	6511560	6859647	6675002	2.62	cps
Terbium	159-2	3920956	3960670	3968983	3950203	0.65	cps
Thallium	203-1	2062399	2063384	2073972	2066585	0.31	cps
Thallium	205-1	4884860	4856774	4847023	4862886	0.40	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	PB139159BS	Instrumnet Name :	P7
Client Sample ID :	PB139159BS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 15:11:46	DataFile Name :	044LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	5666946	6525082	6491831	6227953	7.81	cps
Tin	118-1	2022839	2035086	2052297	2036741	0.73	cps
Titanium	47-1	1739489	1732401	1708910	1726934	0.93	cps
Uranium	238-1	4864215	4994255	4897905	4918792	1.37	cps
Vanadium	51-2	1497040	1486412	1485869	1489774	0.42	cps
Yttrium	89-1	9607616	9730060	9724371	9687349	0.71	cps
Yttrium	89-2	2868088	2870371	2867321	2868594	0.06	cps
Zinc	66-2	3885848	3856795	3858468	3867037	0.42	cps
Zirconium	90-1	4242777	4230421	4267783	4246993	0.45	cps
Zirconium	91-1	934597	951190	938607	941465	0.92	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	PB139160BS	Instrumnet Name :	P7
Client Sample ID :	PB139160BS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 15:14:47	DataFile Name :	045DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1635274	1624542	1628172	1629329	0.34	cps
Antimony	121-1	3536916	3551842	3599016	3562591	0.91	cps
Arsenic	75-2	471220	474725	471416	472454	0.42	cps
Barium	135-1	3192004	3246349	3204521	3214291	0.89	cps
Barium	137-1	5642044	5689840	5624350	5652078	0.60	cps
Beryllium	9-1	444808	440791	445076	443558	0.54	cps
Bismuth	209-1	3577542	3586029	3615159	3592910	0.55	cps
Bismuth	209-2	2344334	2322119	2326601	2331018	0.50	cps
Boron	10-1	61040	62722	62663	62142	1.54	cps
Boron	11-1	329109	329295	327884	328763	0.23	cps
Bromine	81-1	1000	983	1033	1006	2.53	cps
Bromine	81-2	130	60	60	83	48.50	cps
Cadmium	111-1	681947	689752	690902	687534	0.71	cps
Cadmium	106-1	87921	87788	87838	87849	0.08	cps
Cadmium	108-1	57888	57440	57261	57530	0.56	cps
Calcium	43-1	674080	680918	685152	680050	0.82	cps
Calcium	44-1	10881935	10681277	10717726	10760313	0.99	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1616651	1625002	1622694	1621449	0.27	cps
Cobalt	59-2	2421740	2458213	2445913	2441955	0.76	cps
Copper	63-2	17412186	17997180	17907324	17772230	1.77	cps
Dysprosium	156-1	117	158	133	136	15.41	cps
Dysprosium	156-2	177	123	147	149	17.96	cps
Erbium	164-1	67	42	58	56	22.91	cps
Erbium	164-2	37	23	47	36	32.93	cps
Gadolinium	160-1	158	183	142	161	13.02	cps
Gadolinium	160-2	193	170	170	178	7.58	cps
Holmium	165-1	5881314	5902829	5943856	5909333	0.54	cps
Holmium	165-2	3732394	3710282	3686985	3709887	0.61	cps
Indium	115-1	5121073	5112800	5131429	5121767	0.18	cps
Indium	115-2	1930134	1925511	1920862	1925502	0.24	cps
Iron	56-2	72305449	73343099	73223910	72957486	0.78	cps
Iron	57-2	1744831	1762587	1785485	1764301	1.16	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	PB139160BS	Instrumnet Name :	P7
Client Sample ID :	PB139160BS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 15:14:47	DataFile Name :	045DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	3994609	4023879	4024083	4014190	0.42	cps
Krypton	83-1	523	543	570	546	4.29	cps
Lead	206-1	9129608	8888160	9175127	9064298	1.70	cps
Lead	207-1	7843875	7843628	7903403	7863635	0.44	cps
Lead	208-1	35928604	35874173	36289678	36030819	0.63	cps
Lithium	6-1	604950	602620	602984	603518	0.21	cps
Magnesium	24-2	17724443	17736312	17809448	17756734	0.26	cps
Manganese	55-2	11099887	11186033	11183046	11156322	0.44	cps
Molybdenum	94-1	5009309	5125316	5109537	5081387	1.24	cps
Molybdenum	95-1	6350768	6377427	6276046	6334747	0.83	cps
Molybdenum	96-1	6883903	7144981	6950742	6993209	1.94	cps
Molybdenum	97-1	3771595	3819692	3725138	3772142	1.25	cps
Molybdenum	98-1	9870649	10265644	9893972	10010088	2.21	cps
Neodymium	150-1	227	153	213	198	19.75	cps
Neodymium	150-2	37	30	33	33	10.01	cps
Nickel	60-2	614015	630434	628483	624311	1.44	cps
Phosphorus	31-2	268495	270149	265805	268150	0.82	cps
Potassium	39-2	10764985	10781480	10833508	10793324	0.33	cps
Rhodium	103-1	4718992	4771755	4754406	4748384	0.57	cps
Rhodium	103-2	3363717	3364073	3365127	3364306	0.02	cps
Scandium	45-1	3162326	3126762	3164944	3151344	0.68	cps
Scandium	45-2	433117	431793	428468	431126	0.56	cps
Selenium	82-1	85114	84833	84886	84944	0.18	cps
Selenium	77-2	10641	10844	10581	10688	1.29	cps
Selenium	78-2	35434	35215	35031	35227	0.57	cps
Silicon	28-1	3258487	3281007	3306302	3281932	0.73	cps
Silver	107-1	3256320	3254243	3274644	3261736	0.34	cps
Silver	109-1	3054028	3104588	3105596	3088071	0.95	cps
Sodium	23-2	31523643	31076436	31536125	31378735	0.83	cps
Strontium	86-1	8384637	8411174	8289434	8361749	0.77	cps
Strontium	88-1	73695739	73094614	73123081	73304478	0.46	cps
Sulfur	34-1	1453699	1450316	1472275	1458763	0.81	cps
Terbium	159-1	6686871	6728120	6679803	6698265	0.39	cps
Terbium	159-2	3954230	3935531	3950183	3946648	0.25	cps
Thallium	203-1	2066998	2035871	2056312	2053060	0.77	cps
Thallium	205-1	4832876	4759157	4816459	4802831	0.81	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	PB139160BS	Instrumnet Name :	P7
Client Sample ID :	PB139160BS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 15:14:47	DataFile Name :	045DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	6535512	5598887	6171985	6102128	7.74	cps
Tin	118-1	2013811	1989608	2036862	2013427	1.17	cps
Titanium	47-1	1734193	1714491	1718760	1722481	0.60	cps
Uranium	238-1	4912351	4867762	4853833	4877982	0.63	cps
Vanadium	51-2	1476671	1485356	1479583	1480537	0.30	cps
Yttrium	89-1	9936835	9686257	9663940	9762344	1.55	cps
Yttrium	89-2	2872210	2873674	2896821	2880902	0.48	cps
Zinc	66-2	3814546	3922905	3883826	3873759	1.42	cps
Zirconium	90-1	4312735	4306236	4181862	4266945	1.73	cps
Zirconium	91-1	948294	966421	954191	956302	0.97	cps

LB Number : LB116918 Operator : JASWAL
 Lab Sample ID : CCV16 Instrumnet Name : P7
 Client Sample ID : CCV16 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-19 15:17:48 DataFile Name : 046CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8555750	8880614	8864369	8766911	2.09	cps
Antimony	121-1	3592031	3561669	3645267	3599656	1.18	cps
Arsenic	75-2	510783	513353	506667	510268	0.66	cps
Barium	135-1	3179291	3192892	3230627	3200937	0.83	cps
Barium	137-1	5645358	5603011	5703760	5650710	0.90	cps
Beryllium	9-1	455170	460358	469568	461699	1.58	cps
Bismuth	209-1	3529139	3523146	3595063	3549116	1.12	cps
Bismuth	209-2	2355867	2363543	2388616	2369342	0.72	cps
Boron	10-1	64019	65969	66220	65403	1.84	cps
Boron	11-1	339775	339598	347588	342320	1.33	cps
Bromine	81-1	1783	2134	1859	1925	9.57	cps
Bromine	81-2	60	40	30	43	35.25	cps
Cadmium	111-1	698000	709924	708342	705422	0.92	cps
Cadmium	106-1	91007	91042	90429	90826	0.38	cps
Cadmium	108-1	59177	58595	58922	58898	0.49	cps
Calcium	43-1	3474005	3485731	3517457	3492398	0.64	cps
Calcium	44-1	55294066	54386314	55221448	54967276	0.92	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1637281	1624131	1635421	1632278	0.44	cps
Cobalt	59-2	2468627	2455978	2434406	2453004	0.71	cps
Copper	63-2	18769969	19177133	19128049	19025050	1.17	cps
Dysprosium	156-1	525	475	558	519	8.07	cps
Dysprosium	156-2	390	403	423	406	4.14	cps
Erbium	164-1	142	142	83	122	27.55	cps
Erbium	164-2	117	73	73	88	28.51	cps
Gadolinium	160-1	467	467	425	453	5.31	cps
Gadolinium	160-2	370	357	343	357	3.74	cps
Holmium	165-1	5919535	5984706	5957230	5953824	0.55	cps
Holmium	165-2	3785317	3853606	3859873	3832932	1.08	cps
Indium	115-1	5117632	5108690	5149601	5125308	0.42	cps
Indium	115-2	1927460	1945915	1937521	1936965	0.48	cps
Iron	56-2	358474375	364328830	365766442	362856549	1.06	cps
Iron	57-2	8936748	8885620	8766138	8862835	0.99	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	CCV16	Instrumnet Name :	P7
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 15:17:48	DataFile Name :	046CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	19893487	19918872	19779122	19863827	0.37	cps
Krypton	83-1	570	607	627	601	4.78	cps
Lead	206-1	9103237	8901415	9108407	9037686	1.31	cps
Lead	207-1	7863624	7877890	7947495	7896337	0.57	cps
Lead	208-1	35809943	35722021	36015666	35849210	0.42	cps
Lithium	6-1	622857	630196	642390	631814	1.56	cps
Magnesium	24-2	91564821	92018422	92540322	92041188	0.53	cps
Manganese	55-2	11457236	11528229	11527239	11504235	0.35	cps
Molybdenum	94-1	5020035	5107820	5278857	5135571	2.56	cps
Molybdenum	95-1	6318557	6461941	6408398	6396299	1.13	cps
Molybdenum	96-1	7037045	7110075	7078911	7075344	0.52	cps
Molybdenum	97-1	3823608	3804257	3830416	3819427	0.36	cps
Molybdenum	98-1	10236964	10148514	10177128	10187535	0.44	cps
Neodymium	150-1	200	207	207	204	1.88	cps
Neodymium	150-2	30	37	47	38	22.21	cps
Nickel	60-2	664438	669324	664376	666046	0.43	cps
Phosphorus	31-2	267578	267702	270842	268708	0.69	cps
Potassium	39-2	53109451	53396292	53973053	53492932	0.82	cps
Rhodium	103-1	4813399	4805247	4813099	4810582	0.10	cps
Rhodium	103-2	3423823	3420426	3388962	3411070	0.56	cps
Scandium	45-1	3264560	3256497	3269815	3263624	0.21	cps
Scandium	45-2	435784	440661	433645	436696	0.82	cps
Selenium	82-1	92611	94764	94275	93883	1.20	cps
Selenium	77-2	11758	12089	11738	11862	1.66	cps
Selenium	78-2	39010	38933	38978	38974	0.10	cps
Silicon	28-1	3348815	3415919	3402107	3388947	1.05	cps
Silver	107-1	3393430	3409818	3409343	3404197	0.27	cps
Silver	109-1	3220573	3206463	3227532	3218189	0.33	cps
Sodium	23-2	156627026	157826559	157709765	157387783	0.42	cps
Strontium	86-1	8441949	8472233	8471801	8461994	0.21	cps
Strontium	88-1	73871172	73871533	73956754	73899820	0.07	cps
Sulfur	34-1	1517641	1535211	1544422	1532425	0.89	cps
Terbium	159-1	6625516	6667215	6716684	6669805	0.68	cps
Terbium	159-2	3968603	4030982	4045338	4014974	1.02	cps
Thallium	203-1	2048766	2048562	2017601	2038310	0.88	cps
Thallium	205-1	4831700	4774915	4760401	4789005	0.79	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	CCV16	Instrumnet Name :	P7
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 15:17:48	DataFile Name :	046CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	6398336	6505353	6544135	6482608	1.16	cps
Tin	118-1	2030580	2003379	2015690	2016550	0.68	cps
Titanium	47-1	1770277	1791775	1780299	1780783	0.60	cps
Uranium	238-1	4940385	5052472	4935595	4976151	1.33	cps
Vanadium	51-2	1501776	1500469	1486109	1496118	0.58	cps
Yttrium	89-1	9884587	9876469	9945703	9902253	0.38	cps
Yttrium	89-2	2952090	2955077	2930437	2945868	0.46	cps
Zinc	66-2	4130278	4174924	4120105	4141769	0.70	cps
Zirconium	90-1	4318873	4341216	4318888	4326326	0.30	cps
Zirconium	91-1	970269	961869	956364	962834	0.73	cps

LB Number : LB116918 Operator : JASWAL
 Lab Sample ID : CCB16 Instrumnet Name : P7
 Client Sample ID : CCB16 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-19 15:26:09 DataFile Name : 047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	761	706	739	735	3.80	cps
Antimony	121-1	533	600	725	619	15.71	cps
Arsenic	75-2	46	48	57	51	11.76	cps
Barium	135-1	175	175	150	167	8.66	cps
Barium	137-1	225	233	250	236	5.39	cps
Beryllium	9-1	377	330	290	332	13.06	cps
Bismuth	209-1	3780035	3805042	3744480	3776519	0.81	cps
Bismuth	209-2	2441553	2457344	2466425	2455107	0.51	cps
Boron	10-1	583	592	667	614	7.48	cps
Boron	11-1	3617	3526	3142	3428	7.35	cps
Bromine	81-1	775	892	808	825	7.28	cps
Bromine	81-2	20	60	60	47	49.49	cps
Cadmium	111-1	503	422	436	454	9.51	cps
Cadmium	106-1	4242	3826	4026	4031	5.17	cps
Cadmium	108-1	13	21	29	21	40.01	cps
Calcium	43-1	524	549	549	541	2.67	cps
Calcium	44-1	40217	40275	40618	40370	0.54	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3107	3074	3284	3155	3.58	cps
Cobalt	59-2	250	173	203	209	18.50	cps
Copper	63-2	2574	2740	2864	2726	5.34	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	3	13	3	7	86.65	cps
Erbium	164-1	42	83	75	67	33.07	cps
Erbium	164-2	20	23	30	24	20.83	cps
Gadolinium	160-1	0	92	83	58	86.90	cps
Gadolinium	160-2	97	100	100	99	1.94	cps
Holmium	165-1	5996925	6091274	5918044	6002081	1.45	cps
Holmium	165-2	3779395	3783198	3763070	3775221	0.28	cps
Indium	115-1	5449823	5532306	5467750	5483293	0.79	cps
Indium	115-2	2051546	2069090	2076804	2065814	0.63	cps
Iron	56-2	25851	26101	26029	25994	0.50	cps
Iron	57-2	2889	3145	3128	3054	4.68	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	CCB16	Instrumnet Name :	P7
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 15:26:09	DataFile Name :	047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	5397	5897	5256	5517	6.11	cps
Krypton	83-1	680	593	590	621	8.22	cps
Lead	206-1	2695	2728	2350	2591	8.07	cps
Lead	207-1	2356	2222	2345	2308	3.21	cps
Lead	208-1	10769	10380	10185	10444	2.84	cps
Lithium	6-1	659094	656982	665629	660568	0.68	cps
Magnesium	24-2	5073	5340	5234	5216	2.58	cps
Manganese	55-2	810	837	967	871	9.62	cps
Molybdenum	94-1	433	492	542	489	11.09	cps
Molybdenum	95-1	333	433	392	386	13.01	cps
Molybdenum	96-1	392	542	442	458	16.66	cps
Molybdenum	97-1	150	175	192	172	12.18	cps
Molybdenum	98-1	700	517	625	614	15.01	cps
Neodymium	150-1	13	33	0	16	107.86	cps
Neodymium	150-2	23	3	10	12	83.33	cps
Nickel	60-2	323	260	290	291	10.88	cps
Phosphorus	31-2	2842	2842	2684	2789	3.28	cps
Potassium	39-2	351006	350295	350172	350491	0.13	cps
Rhodium	103-1	5045391	5097732	5100686	5081270	0.61	cps
Rhodium	103-2	3632959	3608341	3613805	3618368	0.36	cps
Scandium	45-1	3221642	3242853	3258078	3240858	0.56	cps
Scandium	45-2	443008	441668	442199	442292	0.15	cps
Selenium	82-1	-58	-23	-44	-42	-42.10	cps
Selenium	77-2	3	3	10	6	69.34	cps
Selenium	78-2	181	220	209	204	9.83	cps
Silicon	28-1	1320314	1324263	1319258	1321279	0.20	cps
Silver	107-1	217	325	367	303	25.57	cps
Silver	109-1	350	200	325	292	27.55	cps
Sodium	23-2	158423	157537	156588	157516	0.58	cps
Strontium	86-1	1100	1417	1258	1258	12.58	cps
Strontium	88-1	3359	3326	3050	3245	5.22	cps
Sulfur	34-1	1201603	1207927	1207849	1205793	0.30	cps
Terbium	159-1	6790506	7000554	6873907	6888322	1.54	cps
Terbium	159-2	4034678	4010313	4032889	4025960	0.34	cps
Thallium	203-1	317	492	483	431	22.93	cps
Thallium	205-1	1042	958	967	989	4.64	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	CCB16	Instrumnet Name :	P7
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 15:26:09	DataFile Name :	047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	567	617	522	569	8.31	cps
Tin	118-1	917	1501	900	1106	30.95	cps
Titanium	47-1	433	575	533	514	14.17	cps
Uranium	238-1	233	242	233	236	2.04	cps
Vanadium	51-2	73	117	117	102	24.48	cps
Yttrium	89-1	10113826	10169008	10083879	10122238	0.43	cps
Yttrium	89-2	2959011	2991747	2968085	2972948	0.57	cps
Zinc	66-2	1843	1843	1720	1802	3.95	cps
Zirconium	90-1	808	858	783	817	4.68	cps
Zirconium	91-1	167	100	167	144	26.65	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M4251-02	Instrumnet Name :	P7
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 15:31:20	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	30042	31034	31122	30733	1.95	cps
Antimony	121-1	1692	1650	1792	1711	4.26	cps
Arsenic	75-2	8217	8330	8356	8301	0.89	cps
Barium	135-1	172400	175227	172240	173289	0.97	cps
Barium	137-1	303895	308517	303587	305333	0.90	cps
Beryllium	9-1	360	390	333	361	7.85	cps
Bismuth	209-1	3526916	3529261	3515511	3523896	0.21	cps
Bismuth	209-2	2267633	2263739	2301310	2277561	0.91	cps
Boron	10-1	12414	13289	13006	12903	3.46	cps
Boron	11-1	69125	68330	69184	68880	0.69	cps
Bromine	81-1	67492	70020	73345	70285	4.18	cps
Bromine	81-2	17017	16937	17559	17171	1.97	cps
Cadmium	111-1	468	462	489	473	2.95	cps
Cadmium	106-1	4001	4326	4284	4204	4.21	cps
Cadmium	108-1	33	29	21	28	22.92	cps
Calcium	43-1	285573	282925	281816	283438	0.68	cps
Calcium	44-1	4513028	4549014	4619202	4560415	1.18	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	11721	12098	11935	11918	1.59	cps
Cobalt	59-2	37177	36676	37418	37090	1.02	cps
Copper	63-2	19136	18899	19219	19085	0.87	cps
Dysprosium	156-1	1767	1750	2125	1881	11.27	cps
Dysprosium	156-2	1180	1307	1187	1225	5.82	cps
Erbium	164-1	1250	1383	1483	1372	8.53	cps
Erbium	164-2	860	793	793	816	4.72	cps
Gadolinium	160-1	1825	1909	1600	1778	8.97	cps
Gadolinium	160-2	1283	1193	1127	1201	6.55	cps
Holmium	165-1	5818533	5834066	5890273	5847624	0.65	cps
Holmium	165-2	3699475	3706727	3674427	3693543	0.46	cps
Indium	115-1	5127131	5226449	5197796	5183792	0.99	cps
Indium	115-2	1976350	1964661	1963263	1968092	0.37	cps
Iron	56-2	144375859	147425909	142422875	144741548	1.74	cps
Iron	57-2	3492621	3467484	3478363	3479489	0.36	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M4251-02	Instrumnet Name :	P7
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 15:31:20	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	7996860	8153284	7954906	8035017	1.30	cps
Krypton	83-1	597	547	510	551	7.89	cps
Lead	206-1	5707	5435	5340	5494	3.47	cps
Lead	207-1	4573	4295	4395	4421	3.18	cps
Lead	208-1	21029	20879	20484	20797	1.35	cps
Lithium	6-1	613243	616174	602600	610672	1.17	cps
Magnesium	24-2	3100562	3156752	3091816	3116377	1.13	cps
Manganese	55-2	5895826	5837687	5807727	5847080	0.77	cps
Molybdenum	94-1	2375	2000	2167	2181	8.62	cps
Molybdenum	95-1	1708	1892	1775	1792	5.18	cps
Molybdenum	96-1	2200	2325	2234	2253	2.87	cps
Molybdenum	97-1	958	933	1142	1011	11.25	cps
Molybdenum	98-1	2509	2809	2775	2698	6.10	cps
Neodymium	150-1	2140	2307	2447	2298	6.68	cps
Neodymium	150-2	1280	1303	1307	1297	1.12	cps
Nickel	60-2	12886	12726	12682	12765	0.84	cps
Phosphorus	31-2	8528	8961	8794	8761	2.50	cps
Potassium	39-2	1328228	1326814	1327615	1327552	0.05	cps
Rhodium	103-1	4759718	4819878	4849444	4809680	0.95	cps
Rhodium	103-2	3420995	3388909	3348261	3386055	1.08	cps
Scandium	45-1	3115415	3136502	3112968	3121628	0.41	cps
Scandium	45-2	440149	435950	434842	436980	0.64	cps
Selenium	82-1	95	134	181	137	31.79	cps
Selenium	77-2	37	33	37	36	5.42	cps
Selenium	78-2	257	231	304	264	13.85	cps
Silicon	28-1	30988061	30402738	30589854	30660218	0.98	cps
Silver	107-1	667	825	717	736	11.00	cps
Silver	109-1	442	683	708	611	24.10	cps
Sodium	23-2	19239618	19370031	19195391	19268346	0.47	cps
Strontium	86-1	178791	177274	180811	178959	0.99	cps
Strontium	88-1	1564210	1548891	1573838	1562313	0.81	cps
Sulfur	34-1	2504234	2430730	2422363	2452442	1.84	cps
Terbium	159-1	6571325	6714009	6606424	6630586	1.12	cps
Terbium	159-2	3847173	3908032	3870314	3875173	0.79	cps
Thallium	203-1	242	233	383	286	29.46	cps
Thallium	205-1	833	800	725	786	7.06	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M4251-02	Instrumnet Name :	P7
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 15:31:20	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	883	1045	894	941	9.57	cps
Tin	118-1	1167	1083	1133	1128	3.72	cps
Titanium	47-1	4309	4551	4176	4345	4.38	cps
Uranium	238-1	642	742	800	728	11.00	cps
Vanadium	51-2	6231	6508	6195	6311	2.72	cps
Yttrium	89-1	9645160	9930657	9981649	9852489	1.84	cps
Yttrium	89-2	2901120	2904166	2873610	2892965	0.58	cps
Zinc	66-2	21453	21950	21636	21679	1.16	cps
Zirconium	90-1	2850	2675	2800	2775	3.25	cps
Zirconium	91-1	800	700	742	747	6.72	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M4251-04	Instrumnet Name :	P7
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 15:34:29	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14887	14785	14329	14667	2.02	cps
Antimony	121-1	1625	2200	1959	1928	14.98	cps
Arsenic	75-2	832	867	793	830	4.46	cps
Barium	135-1	67380	68025	68385	67930	0.75	cps
Barium	137-1	116082	118199	120032	118104	1.67	cps
Beryllium	9-1	280	273	280	278	1.39	cps
Bismuth	209-1	3531747	3620597	3545860	3566068	1.34	cps
Bismuth	209-2	2286205	2308341	2290070	2294872	0.52	cps
Boron	10-1	8936	9120	8844	8967	1.56	cps
Boron	11-1	48938	49498	49607	49347	0.73	cps
Bromine	81-1	22802	25131	27143	25025	8.68	cps
Bromine	81-2	5707	5857	5967	5844	2.24	cps
Cadmium	111-1	385	452	438	425	8.26	cps
Cadmium	106-1	3867	4076	4259	4067	4.82	cps
Cadmium	108-1	38	38	54	43	22.35	cps
Calcium	43-1	379751	381996	381029	380925	0.30	cps
Calcium	44-1	6104815	6113989	6212565	6143789	0.97	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4817	5041	4908	4922	2.28	cps
Cobalt	59-2	1310	1350	1377	1346	2.49	cps
Copper	63-2	11618	11151	11478	11416	2.10	cps
Dysprosium	156-1	325	325	483	378	24.20	cps
Dysprosium	156-2	240	213	243	232	7.08	cps
Erbium	164-1	192	150	117	153	24.60	cps
Erbium	164-2	90	110	107	102	10.48	cps
Gadolinium	160-1	492	525	492	503	3.83	cps
Gadolinium	160-2	353	390	273	339	17.60	cps
Holmium	165-1	5898021	5994124	6310307	6067484	3.56	cps
Holmium	165-2	3715027	3736258	3736493	3729259	0.33	cps
Indium	115-1	5243569	5327126	5292665	5287787	0.79	cps
Indium	115-2	1951689	1986617	1988501	1975602	1.05	cps
Iron	56-2	894255	909643	916120	906673	1.24	cps
Iron	57-2	31818	31579	31946	31781	0.59	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M4251-04	Instrumnet Name :	P7
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 15:34:29	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	55280	54175	56284	55246	1.91	cps
Krypton	83-1	587	523	577	562	6.06	cps
Lead	206-1	2595	2450	2506	2517	2.90	cps
Lead	207-1	1989	2134	2067	2063	3.50	cps
Lead	208-1	9624	9279	9885	9596	3.17	cps
Lithium	6-1	600139	606319	613828	606762	1.13	cps
Magnesium	24-2	3642164	3662831	3611978	3638991	0.70	cps
Manganese	55-2	212394	212582	212339	212438	0.06	cps
Molybdenum	94-1	2225	2325	2342	2297	2.75	cps
Molybdenum	95-1	3751	3392	3584	3576	5.02	cps
Molybdenum	96-1	3742	3584	3917	3748	4.45	cps
Molybdenum	97-1	2142	2317	2075	2178	5.73	cps
Molybdenum	98-1	5951	5993	5451	5799	5.20	cps
Neodymium	150-1	127	247	247	207	33.52	cps
Neodymium	150-2	107	80	90	92	14.61	cps
Nickel	60-2	1870	1757	1737	1788	4.02	cps
Phosphorus	31-2	14407	14916	14749	14691	1.77	cps
Potassium	39-2	1946577	1981476	1977562	1968538	0.97	cps
Rhodium	103-1	4793519	4814053	4819078	4808883	0.28	cps
Rhodium	103-2	3414831	3457888	3425702	3432807	0.65	cps
Scandium	45-1	3170803	3192882	3187998	3183894	0.36	cps
Scandium	45-2	439436	443243	444546	442408	0.60	cps
Selenium	82-1	-1	133	10	47	158.49	cps
Selenium	77-2	7	10	13	10	33.30	cps
Selenium	78-2	219	226	233	226	3.28	cps
Silicon	28-1	16895317	17016730	17086779	16999608	0.57	cps
Silver	107-1	267	233	233	244	7.87	cps
Silver	109-1	192	158	150	167	13.23	cps
Sodium	23-2	22189345	22707616	22232622	22376528	1.29	cps
Strontium	86-1	275027	272972	271286	273095	0.69	cps
Strontium	88-1	2399533	2416529	2406896	2407652	0.35	cps
Sulfur	34-1	1478633	1485653	1485934	1483407	0.28	cps
Terbium	159-1	6649422	6846392	6731220	6742345	1.47	cps
Terbium	159-2	3889148	3967945	3948504	3935199	1.04	cps
Thallium	203-1	233	233	258	242	5.97	cps
Thallium	205-1	508	575	533	539	6.25	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M4251-04	Instrumnet Name :	P7
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 15:34:29	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	322	428	283	344	21.70	cps
Tin	118-1	1042	1125	1167	1111	5.73	cps
Titanium	47-1	3176	2759	2517	2817	11.84	cps
Uranium	238-1	1825	1700	1608	1711	6.36	cps
Vanadium	51-2	2830	2677	2604	2704	4.28	cps
Yttrium	89-1	9923255	9864699	9878083	9888679	0.31	cps
Yttrium	89-2	2853379	2921688	2904994	2893354	1.23	cps
Zinc	66-2	23382	23522	23409	23438	0.32	cps
Zirconium	90-1	1058	1008	1451	1172	20.65	cps
Zirconium	91-1	192	208	208	203	4.75	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M4251-06	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 15:37:39	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12467	12294	11810	12191	2.79	cps
Antimony	121-1	642	708	767	706	8.87	cps
Arsenic	75-2	569	602	578	583	2.95	cps
Barium	135-1	61294	62599	61988	61961	1.05	cps
Barium	137-1	107362	107203	108774	107780	0.80	cps
Beryllium	9-1	250	263	230	248	6.77	cps
Bismuth	209-1	3550311	3625373	3562704	3579463	1.12	cps
Bismuth	209-2	2327459	2367473	2342471	2345801	0.86	cps
Boron	10-1	5735	5368	6043	5715	5.92	cps
Boron	11-1	30473	30849	31283	30868	1.31	cps
Bromine	81-1	14049	15475	16126	15217	6.98	cps
Bromine	81-2	3754	3614	3604	3658	2.30	cps
Cadmium	111-1	421	473	432	442	6.21	cps
Cadmium	106-1	4292	4317	4126	4245	2.46	cps
Cadmium	108-1	54	25	50	43	36.64	cps
Calcium	43-1	376974	387459	378983	381139	1.46	cps
Calcium	44-1	5928543	6165302	6059006	6050950	1.96	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4251	4264	4021	4178	3.27	cps
Cobalt	59-2	667	750	787	734	8.37	cps
Copper	63-2	5925	5988	5958	5957	0.53	cps
Dysprosium	156-1	167	233	183	194	17.84	cps
Dysprosium	156-2	93	97	60	83	24.33	cps
Erbium	164-1	217	183	167	189	13.48	cps
Erbium	164-2	97	83	80	87	10.18	cps
Gadolinium	160-1	300	225	258	261	14.39	cps
Gadolinium	160-2	243	210	207	220	9.22	cps
Holmium	165-1	5844007	5962696	5978575	5928426	1.24	cps
Holmium	165-2	3727127	3737583	3792146	3752285	0.93	cps
Indium	115-1	5175321	5197070	5313959	5228783	1.43	cps
Indium	115-2	1971458	1973702	1994995	1980052	0.66	cps
Iron	56-2	445821	452884	448999	449234	0.79	cps
Iron	57-2	20453	20526	21855	20945	3.77	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M4251-06	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 15:37:39	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	30713	30463	29279	30152	2.54	cps
Krypton	83-1	460	563	517	513	10.08	cps
Lead	206-1	2134	1945	2072	2050	4.70	cps
Lead	207-1	1678	1439	1528	1548	7.80	cps
Lead	208-1	7818	7562	7334	7571	3.19	cps
Lithium	6-1	602957	618998	624390	615449	1.81	cps
Magnesium	24-2	3556609	3599663	3549482	3568584	0.76	cps
Manganese	55-2	60775	62365	60855	61332	1.46	cps
Molybdenum	94-1	1733	1825	1700	1753	3.69	cps
Molybdenum	95-1	2442	2325	2467	2411	3.14	cps
Molybdenum	96-1	2775	2992	2767	2845	4.49	cps
Molybdenum	97-1	1792	1567	1525	1628	8.81	cps
Molybdenum	98-1	3884	4284	4493	4220	7.33	cps
Neodymium	150-1	160	160	193	171	11.25	cps
Neodymium	150-2	77	87	103	89	15.15	cps
Nickel	60-2	1210	1150	1250	1203	4.18	cps
Phosphorus	31-2	4251	4417	4426	4365	2.26	cps
Potassium	39-2	1392381	1399704	1405969	1399351	0.49	cps
Rhodium	103-1	4796176	4791581	4857636	4815131	0.77	cps
Rhodium	103-2	3389770	3383601	3405187	3392853	0.33	cps
Scandium	45-1	3133715	3232182	3187732	3184543	1.55	cps
Scandium	45-2	439353	442498	443824	441892	0.52	cps
Selenium	82-1	144	35	97	92	59.02	cps
Selenium	77-2	3	7	0	3	100.05	cps
Selenium	78-2	211	226	202	213	5.70	cps
Silicon	28-1	17376741	17671444	17767634	17605273	1.16	cps
Silver	107-1	225	167	183	192	15.68	cps
Silver	109-1	117	58	92	89	32.93	cps
Sodium	23-2	17144308	17581043	17286499	17337283	1.28	cps
Strontium	86-1	261264	256238	255601	257701	1.20	cps
Strontium	88-1	2276466	2252206	2239929	2256200	0.82	cps
Sulfur	34-1	1358513	1370204	1373818	1367512	0.58	cps
Terbium	159-1	6623052	6808734	6822441	6751409	1.65	cps
Terbium	159-2	3927637	3966247	3978245	3957376	0.67	cps
Thallium	203-1	242	192	158	197	21.27	cps
Thallium	205-1	383	350	367	367	4.54	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M4251-06	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 15:37:39	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	317	350	228	298	21.19	cps
Tin	118-1	925	1083	983	997	8.03	cps
Titanium	47-1	2050	2034	2117	2067	2.13	cps
Uranium	238-1	2417	2484	2550	2484	2.68	cps
Vanadium	51-2	2350	2354	2580	2428	5.43	cps
Yttrium	89-1	9667004	9986719	9825411	9826378	1.63	cps
Yttrium	89-2	2903409	2916124	2867484	2895672	0.87	cps
Zinc	66-2	16206	16293	15799	16099	1.64	cps
Zirconium	90-1	608	908	650	722	22.50	cps
Zirconium	91-1	225	192	167	194	15.05	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M4251-08	Instrumnet Name :	P7
Client Sample ID :	RR-54	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 15:40:48	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14619	14396	15069	14695	2.33	cps
Antimony	121-1	1950	1942	2000	1964	1.61	cps
Arsenic	75-2	835	819	802	819	2.04	cps
Barium	135-1	68703	69985	70420	69703	1.28	cps
Barium	137-1	121487	123562	120232	121760	1.38	cps
Beryllium	9-1	200	210	243	218	10.42	cps
Bismuth	209-1	3629354	3639337	3566651	3611781	1.09	cps
Bismuth	209-2	2316960	2347573	2339100	2334545	0.68	cps
Boron	10-1	9170	9803	9678	9550	3.51	cps
Boron	11-1	50694	51789	52165	51549	1.48	cps
Bromine	81-1	21892	24864	26057	24271	8.84	cps
Bromine	81-2	5617	6078	6088	5927	4.54	cps
Cadmium	111-1	498	464	449	471	5.31	cps
Cadmium	106-1	4559	4518	4367	4481	2.25	cps
Cadmium	108-1	29	42	42	38	19.24	cps
Calcium	43-1	398726	405214	399447	401129	0.89	cps
Calcium	44-1	6324283	6430382	6322434	6359033	0.97	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4988	4971	4871	4943	1.28	cps
Cobalt	59-2	1250	1367	1243	1287	5.39	cps
Copper	63-2	11358	11681	11415	11485	1.50	cps
Dysprosium	156-1	375	500	375	417	17.32	cps
Dysprosium	156-2	243	283	260	262	7.66	cps
Erbium	164-1	142	200	150	164	19.25	cps
Erbium	164-2	117	113	113	114	1.68	cps
Gadolinium	160-1	383	567	408	453	21.96	cps
Gadolinium	160-2	440	417	393	417	5.60	cps
Holmium	165-1	5863370	6001701	5906603	5923891	1.19	cps
Holmium	165-2	3708386	3794549	3727654	3743530	1.21	cps
Indium	115-1	5257347	5196277	5191316	5214980	0.71	cps
Indium	115-2	1953678	1981124	1959119	1964640	0.74	cps
Iron	56-2	913705	930682	930526	924971	1.05	cps
Iron	57-2	32547	33216	33215	32993	1.17	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M4251-08	Instrumnet Name :	P7
Client Sample ID :	RR-54	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 15:40:48	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	55731	55862	56646	56080	0.88	cps
Krypton	83-1	620	557	573	583	5.63	cps
Lead	206-1	2539	2472	2378	2463	3.29	cps
Lead	207-1	1961	2089	2011	2021	3.19	cps
Lead	208-1	9446	9329	8974	9250	2.66	cps
Lithium	6-1	614875	622208	620253	619112	0.61	cps
Magnesium	24-2	3651648	3709504	3678822	3679991	0.79	cps
Manganese	55-2	216761	215395	219900	217352	1.06	cps
Molybdenum	94-1	2267	2209	2534	2336	7.42	cps
Molybdenum	95-1	3192	3667	3517	3459	7.02	cps
Molybdenum	96-1	3809	3884	3751	3814	1.75	cps
Molybdenum	97-1	2292	2075	2259	2209	5.28	cps
Molybdenum	98-1	5893	5801	5651	5782	2.11	cps
Neodymium	150-1	200	193	193	196	1.97	cps
Neodymium	150-2	117	53	83	84	37.52	cps
Nickel	60-2	1750	1683	1763	1732	2.47	cps
Phosphorus	31-2	14816	14858	15066	14913	0.90	cps
Potassium	39-2	1985212	1984817	1977691	1982573	0.21	cps
Rhodium	103-1	4849257	4946389	4774404	4856683	1.78	cps
Rhodium	103-2	3414999	3433028	3388482	3412170	0.66	cps
Scandium	45-1	3176075	3178380	3137410	3163955	0.73	cps
Scandium	45-2	435057	434224	437974	435752	0.45	cps
Selenium	82-1	-39	-5	-26	-23	-73.42	cps
Selenium	77-2	20	17	17	18	10.81	cps
Selenium	78-2	211	228	193	210	8.36	cps
Silicon	28-1	17830107	17649596	17443783	17641162	1.10	cps
Silver	107-1	208	192	200	200	4.17	cps
Silver	109-1	125	117	83	108	20.35	cps
Sodium	23-2	22482680	22898388	22491216	22624095	1.05	cps
Strontium	86-1	277650	282564	282126	280780	0.97	cps
Strontium	88-1	2429205	2492462	2417106	2446257	1.65	cps
Sulfur	34-1	1561603	1545613	1548916	1552044	0.54	cps
Terbium	159-1	6660332	6742746	6737978	6713685	0.69	cps
Terbium	159-2	3961373	4009626	3967203	3979401	0.66	cps
Thallium	203-1	125	167	183	158	18.97	cps
Thallium	205-1	358	392	283	344	16.11	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M4251-08	Instrumnet Name :	P7
Client Sample ID :	RR-54	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 15:40:48	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	344	300	283	309	10.22	cps
Tin	118-1	1083	1200	983	1089	9.96	cps
Titanium	47-1	3567	2942	2950	3153	11.37	cps
Uranium	238-1	1717	1742	1767	1742	1.44	cps
Vanadium	51-2	2790	3047	2807	2881	4.99	cps
Yttrium	89-1	9854624	9848331	9636862	9779939	1.27	cps
Yttrium	89-2	2879058	2877710	2868195	2874988	0.21	cps
Zinc	66-2	24531	25212	24664	24802	1.46	cps
Zirconium	90-1	992	967	1150	1036	9.60	cps
Zirconium	91-1	233	242	175	217	16.76	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M4251-06DUP	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 15:43:56	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13674	12867	13587	13376	3.31	cps
Antimony	121-1	517	850	650	672	24.96	cps
Arsenic	75-2	602	541	550	564	5.84	cps
Barium	135-1	62718	62064	61913	62232	0.69	cps
Barium	137-1	106548	108966	105625	107046	1.61	cps
Beryllium	9-1	263	237	170	223	21.53	cps
Bismuth	209-1	3597835	3707874	3702726	3669478	1.69	cps
Bismuth	209-2	2332301	2365617	2393670	2363863	1.30	cps
Boron	10-1	5534	5584	5743	5621	1.94	cps
Boron	11-1	31818	30606	30757	31060	2.13	cps
Bromine	81-1	13940	14866	16234	15014	7.69	cps
Bromine	81-2	3734	3724	3384	3614	5.52	cps
Cadmium	111-1	434	453	449	446	2.26	cps
Cadmium	106-1	4259	4518	4209	4329	3.82	cps
Cadmium	108-1	42	33	25	33	25.01	cps
Calcium	43-1	375221	381782	380232	379078	0.90	cps
Calcium	44-1	5928524	6015908	6015289	5986574	0.84	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4311	3967	4387	4222	5.30	cps
Cobalt	59-2	807	797	737	780	4.85	cps
Copper	63-2	6071	6048	5895	6005	1.60	cps
Dysprosium	156-1	192	208	125	175	25.20	cps
Dysprosium	156-2	83	123	113	107	19.52	cps
Erbium	164-1	217	192	267	225	16.97	cps
Erbium	164-2	107	110	80	99	16.63	cps
Gadolinium	160-1	217	283	175	225	24.28	cps
Gadolinium	160-2	190	237	247	224	13.48	cps
Holmium	165-1	5930845	6467055	6453608	6283836	4.87	cps
Holmium	165-2	3740593	3843240	3783492	3789108	1.36	cps
Indium	115-1	5263828	5252512	5366423	5294254	1.19	cps
Indium	115-2	1974927	1990236	1968293	1977819	0.57	cps
Iron	56-2	452705	452457	449358	451507	0.41	cps
Iron	57-2	20843	20949	20826	20872	0.32	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M4251-06DUP	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 15:43:56	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	30694	29781	29861	30112	1.68	cps
Krypton	83-1	503	493	510	502	1.67	cps
Lead	206-1	1839	1683	1756	1759	4.43	cps
Lead	207-1	1517	1511	1361	1463	6.03	cps
Lead	208-1	6723	6995	6662	6793	2.61	cps
Lithium	6-1	630054	643786	643437	639092	1.23	cps
Magnesium	24-2	3522929	3580420	3544965	3549438	0.82	cps
Manganese	55-2	59145	59650	60259	59685	0.93	cps
Molybdenum	94-1	1442	1600	1925	1656	14.89	cps
Molybdenum	95-1	2400	2175	2567	2381	8.26	cps
Molybdenum	96-1	2834	2959	2842	2878	2.43	cps
Molybdenum	97-1	1475	1608	1658	1581	6.00	cps
Molybdenum	98-1	3976	4101	3967	4015	1.86	cps
Neodymium	150-1	200	200	180	193	5.97	cps
Neodymium	150-2	117	73	87	92	24.07	cps
Nickel	60-2	940	837	877	884	5.89	cps
Phosphorus	31-2	4401	4301	4484	4395	2.09	cps
Potassium	39-2	1395414	1364552	1372301	1377422	1.17	cps
Rhodium	103-1	4792952	4818578	4870195	4827242	0.82	cps
Rhodium	103-2	3396959	3424167	3422798	3414641	0.45	cps
Scandium	45-1	3150784	3202273	3248568	3200541	1.53	cps
Scandium	45-2	434680	440478	435713	436957	0.71	cps
Selenium	82-1	108	84	54	82	32.71	cps
Selenium	77-2	10	3	17	10	66.70	cps
Selenium	78-2	220	222	220	221	0.49	cps
Silicon	28-1	19663225	17513227	17193210	18123221	7.41	cps
Silver	107-1	150	92	125	122	23.94	cps
Silver	109-1	83	100	67	83	20.00	cps
Sodium	23-2	16966634	17319380	17206641	17164219	1.05	cps
Strontium	86-1	255528	264227	260937	260231	1.69	cps
Strontium	88-1	2238271	2283002	2270000	2263757	1.02	cps
Sulfur	34-1	1421902	1422639	1418950	1421164	0.14	cps
Terbium	159-1	6838931	6815062	6871197	6841730	0.41	cps
Terbium	159-2	3960504	4020582	4037354	4006147	1.01	cps
Thallium	203-1	175	133	92	133	31.25	cps
Thallium	205-1	317	250	383	317	21.05	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M4251-06DUP	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 15:43:56	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	217	261	217	231	11.09	cps
Tin	118-1	950	1418	925	1098	25.28	cps
Titanium	47-1	2117	2259	2284	2220	4.05	cps
Uranium	238-1	2325	3150	2367	2614	17.78	cps
Vanadium	51-2	2517	2540	2524	2527	0.48	cps
Yttrium	89-1	9726800	9951425	9941921	9873382	1.29	cps
Yttrium	89-2	2887803	2897088	2900672	2895188	0.23	cps
Zinc	66-2	15108	15035	15412	15185	1.32	cps
Zirconium	90-1	658	783	825	756	11.48	cps
Zirconium	91-1	175	233	217	208	14.42	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M4251-06LX5	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)L	Dilution Factor :	5
Date & Time Acquired ::	2021-10-19 15:47:04	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2884	2617	2622	2708	5.63	cps
Antimony	121-1	200	175	225	200	12.50	cps
Arsenic	75-2	111	124	131	122	8.44	cps
Barium	135-1	12331	12089	12072	12164	1.19	cps
Barium	137-1	21801	21634	21884	21773	0.59	cps
Beryllium	9-1	190	200	157	182	12.45	cps
Bismuth	209-1	3863876	3725189	3544955	3711340	4.31	cps
Bismuth	209-2	2467543	2406651	2328352	2400849	2.91	cps
Boron	10-1	1392	1442	1417	1417	1.77	cps
Boron	11-1	7969	7627	7719	7772	2.28	cps
Bromine	81-1	4442	5009	4626	4693	6.16	cps
Bromine	81-2	971	991	881	948	6.19	cps
Cadmium	111-1	484	449	465	466	3.81	cps
Cadmium	106-1	4701	4276	4493	4490	4.73	cps
Cadmium	108-1	33	29	38	33	12.50	cps
Calcium	43-1	73915	74876	76116	74969	1.47	cps
Calcium	44-1	1223835	1236873	1234330	1231679	0.56	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3157	3374	3357	3296	3.66	cps
Cobalt	59-2	213	160	260	211	23.70	cps
Copper	63-2	2914	2897	2907	2906	0.29	cps
Dysprosium	156-1	50	75	50	58	24.74	cps
Dysprosium	156-2	37	33	37	36	5.42	cps
Erbium	164-1	75	58	58	64	15.06	cps
Erbium	164-2	40	57	33	43	27.74	cps
Gadolinium	160-1	158	108	33	100	62.92	cps
Gadolinium	160-2	137	120	133	130	6.79	cps
Holmium	165-1	6671593	6045925	5670846	6129455	8.25	cps
Holmium	165-2	3824576	3785211	3626639	3745476	2.80	cps
Indium	115-1	5581136	5440486	5070166	5363929	4.92	cps
Indium	115-2	2061647	2018411	1953190	2011083	2.71	cps
Iron	56-2	99019	101465	99596	100027	1.28	cps
Iron	57-2	6107	6307	6268	6227	1.70	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M4251-06LX5	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)L	Dilution Factor :	5
Date & Time Acquired ::	2021-10-19 15:47:04	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	9903	9723	9553	9727	1.80	cps
Krypton	83-1	537	477	483	499	6.59	cps
Lead	206-1	1117	1156	972	1082	8.93	cps
Lead	207-1	1178	861	1028	1022	15.50	cps
Lead	208-1	4912	4195	4361	4489	8.36	cps
Lithium	6-1	666003	657721	612985	645570	4.42	cps
Magnesium	24-2	711616	717941	708347	712634	0.68	cps
Manganese	55-2	12432	12359	12012	12267	1.83	cps
Molybdenum	94-1	517	567	500	528	6.57	cps
Molybdenum	95-1	633	567	575	592	6.14	cps
Molybdenum	96-1	633	600	633	622	3.09	cps
Molybdenum	97-1	300	383	492	392	24.54	cps
Molybdenum	98-1	933	1000	933	956	4.03	cps
Neodymium	150-1	40	20	13	24	56.78	cps
Neodymium	150-2	0	20	13	11	91.66	cps
Nickel	60-2	370	430	467	422	11.56	cps
Phosphorus	31-2	2592	3059	2984	2878	8.71	cps
Potassium	39-2	537588	544450	536264	539434	0.81	cps
Rhodium	103-1	5111123	4925512	4615376	4884004	5.13	cps
Rhodium	103-2	3553046	3461252	3350191	3454829	2.94	cps
Scandium	45-1	3289333	3239613	2988991	3172646	5.07	cps
Scandium	45-2	440489	437875	415760	431375	3.15	cps
Selenium	82-1	66	162	73	100	53.09	cps
Selenium	77-2	3	10	7	7	50.03	cps
Selenium	78-2	235	206	220	220	6.72	cps
Silicon	28-1	4783352	4696373	4846557	4775427	1.58	cps
Silver	107-1	100	100	100	100	0.00	cps
Silver	109-1	100	83	92	92	9.09	cps
Sodium	23-2	3407506	3427190	3391198	3408631	0.53	cps
Strontium	86-1	50589	51468	51359	51139	0.94	cps
Strontium	88-1	438132	446356	444804	443097	0.99	cps
Sulfur	34-1	1279965	1258752	1284212	1274310	1.07	cps
Terbium	159-1	7076056	6907035	6440278	6807789	4.84	cps
Terbium	159-2	4073558	4035794	3879683	3996345	2.57	cps
Thallium	203-1	92	108	108	103	9.36	cps
Thallium	205-1	192	250	250	231	14.61	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M4251-06LX5	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)L	Dilution Factor :	5
Date & Time Acquired ::	2021-10-19 15:47:04	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	56	122	72	83	41.63	cps
Tin	118-1	583	725	958	756	25.06	cps
Titanium	47-1	875	842	583	767	20.82	cps
Uranium	238-1	525	592	450	522	13.57	cps
Vanadium	51-2	520	533	607	553	8.43	cps
Yttrium	89-1	10265402	9873029	9061353	9733261	6.31	cps
Yttrium	89-2	2926660	2889594	2793622	2869958	2.39	cps
Zinc	66-2	4111	4464	4291	4288	4.12	cps
Zirconium	90-1	583	575	533	564	4.75	cps
Zirconium	91-1	133	158	142	144	8.81	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M4251-06MS	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 15:50:13	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1635174	1606673	1608867	1616905	0.98	cps
Antimony	121-1	3548067	3592267	3599574	3579969	0.78	cps
Arsenic	75-2	485343	488962	484674	486326	0.47	cps
Barium	135-1	3222149	3220301	3270864	3237772	0.89	cps
Barium	137-1	5657302	5600165	5715750	5657739	1.02	cps
Beryllium	9-1	454480	444919	457762	452387	1.47	cps
Bismuth	209-1	3456861	3534980	3515385	3502409	1.16	cps
Bismuth	209-2	2324373	2257591	2257933	2279966	1.69	cps
Boron	10-1	66864	68045	68522	67810	1.26	cps
Boron	11-1	353745	362970	365850	360855	1.75	cps
Bromine	81-1	12773	13365	14282	13473	5.65	cps
Bromine	81-2	2893	3013	3124	3010	3.83	cps
Cadmium	111-1	676072	691320	693287	686893	1.37	cps
Cadmium	106-1	88710	90211	89918	89613	0.89	cps
Cadmium	108-1	57232	58105	56943	57427	1.05	cps
Calcium	43-1	1013537	1027105	1029233	1023292	0.83	cps
Calcium	44-1	15821933	16121892	15942813	15962213	0.95	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1636633	1623505	1617924	1626021	0.59	cps
Cobalt	59-2	2461055	2471918	2438041	2457005	0.70	cps
Copper	63-2	19694016	19425634	19548944	19556198	0.69	cps
Dysprosium	156-1	325	267	267	286	11.77	cps
Dysprosium	156-2	190	147	203	180	16.46	cps
Erbium	164-1	108	125	75	103	24.77	cps
Erbium	164-2	50	43	53	49	10.42	cps
Gadolinium	160-1	233	225	267	242	9.12	cps
Gadolinium	160-2	183	253	277	238	20.43	cps
Holmium	165-1	5750155	5811356	5882101	5814537	1.14	cps
Holmium	165-2	3766787	3699448	3643669	3703301	1.66	cps
Indium	115-1	4933919	5022104	4978744	4978256	0.89	cps
Indium	115-2	1898396	1850429	1851436	1866754	1.47	cps
Iron	56-2	71874827	71799968	72418424	72031073	0.47	cps
Iron	57-2	1751058	1766490	1759660	1759069	0.44	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M4251-06MS	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 15:50:13	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	4041148	3931356	4000670	3991058	1.39	cps
Krypton	83-1	570	553	570	564	1.71	cps
Lead	206-1	9376768	9274173	9404655	9351865	0.73	cps
Lead	207-1	8211639	8052474	8242233	8168782	1.25	cps
Lead	208-1	36980868	36845645	37593289	37139934	1.07	cps
Lithium	6-1	606409	608737	606422	607190	0.22	cps
Magnesium	24-2	20904413	20844934	20915401	20888249	0.18	cps
Manganese	55-2	12095229	11959542	12126229	12060333	0.74	cps
Molybdenum	94-1	4912866	4902695	4865470	4893677	0.51	cps
Molybdenum	95-1	6189916	6124990	6103198	6139368	0.73	cps
Molybdenum	96-1	6840569	6824380	6794578	6819842	0.34	cps
Molybdenum	97-1	3655285	3710773	3715956	3694005	0.91	cps
Molybdenum	98-1	9820815	9845611	9940326	9868917	0.64	cps
Neodymium	150-1	227	267	253	249	8.18	cps
Neodymium	150-2	60	63	53	59	8.65	cps
Nickel	60-2	632165	628876	626008	629016	0.49	cps
Phosphorus	31-2	4543	4768	4326	4545	4.86	cps
Potassium	39-2	11668648	11573846	11328680	11523725	1.52	cps
Rhodium	103-1	4635166	4677311	4684380	4665619	0.57	cps
Rhodium	103-2	3399628	3315995	3259600	3325074	2.12	cps
Scandium	45-1	3112552	3098926	3109357	3106945	0.23	cps
Scandium	45-2	430680	418625	410948	420084	2.37	cps
Selenium	82-1	83994	85741	84911	84882	1.03	cps
Selenium	77-2	10734	11114	10464	10771	3.03	cps
Selenium	78-2	35198	35865	35306	35456	1.01	cps
Silicon	28-1	18566005	18985823	19013344	18855057	1.33	cps
Silver	107-1	1949770	1844012	1951874	1915219	3.22	cps
Silver	109-1	2119754	2483062	1586308	2063041	21.86	cps
Sodium	23-2	48542090	48330991	47853309	48242130	0.73	cps
Strontium	86-1	8411798	8589578	8589264	8530213	1.20	cps
Strontium	88-1	72663316	76187283	74282560	74377720	2.37	cps
Sulfur	34-1	1447703	1446095	1430421	1441406	0.66	cps
Terbium	159-1	6499317	6629380	6723247	6617315	1.70	cps
Terbium	159-2	3955753	3910777	3824901	3897144	1.71	cps
Thallium	203-1	2059645	2042446	2077794	2059961	0.86	cps
Thallium	205-1	4806234	4769106	4836389	4803910	0.70	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M4251-06MS	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 15:50:13	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	394	294	317	335	15.67	cps
Tin	118-1	1998533	2035659	2007995	2014063	0.96	cps
Titanium	47-1	1679566	1681079	1682047	1680897	0.07	cps
Uranium	238-1	4979322	5029301	5020426	5009683	0.53	cps
Vanadium	51-2	1498000	1472846	1492073	1487640	0.88	cps
Yttrium	89-1	9286271	9788193	9579691	9551385	2.64	cps
Yttrium	89-2	2852796	2803634	2777287	2811239	1.36	cps
Zinc	66-2	4141156	4136308	4114854	4130772	0.34	cps
Zirconium	90-1	4102416	4214031	4166868	4161105	1.35	cps
Zirconium	91-1	921358	930335	936777	929490	0.83	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M4251-06MSD	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 15:53:13	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1651974	1651448	1666318	1656580	0.51	cps
Antimony	121-1	3595169	3668134	3664012	3642438	1.13	cps
Arsenic	75-2	490897	495960	497062	494639	0.66	cps
Barium	135-1	3245305	3317493	3328687	3297162	1.37	cps
Barium	137-1	5727951	5742445	5834459	5768285	1.00	cps
Beryllium	9-1	461382	461774	458148	460435	0.43	cps
Bismuth	209-1	3562708	3595763	3571028	3576500	0.48	cps
Bismuth	209-2	2358231	2312603	2320518	2330451	1.05	cps
Boron	10-1	68949	69678	69962	69529	0.75	cps
Boron	11-1	362622	375203	376290	371372	2.05	cps
Bromine	81-1	12856	14925	14383	14054	7.63	cps
Bromine	81-2	3394	3214	3294	3300	2.74	cps
Cadmium	111-1	691265	691911	697042	693406	0.46	cps
Cadmium	106-1	90178	89030	90697	89968	0.95	cps
Cadmium	108-1	58629	58148	59474	58750	1.14	cps
Calcium	43-1	1047645	1045588	1049083	1047439	0.17	cps
Calcium	44-1	16451211	16395179	16617856	16488082	0.70	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1667535	1651609	1645484	1654876	0.69	cps
Cobalt	59-2	2498402	2494395	2522299	2505032	0.60	cps
Copper	63-2	21012821	21076785	21360308	21149971	0.87	cps
Dysprosium	156-1	242	300	183	242	24.14	cps
Dysprosium	156-2	187	180	223	197	11.87	cps
Erbium	164-1	58	83	117	86	33.99	cps
Erbium	164-2	57	87	47	63	32.87	cps
Gadolinium	160-1	250	242	242	244	1.97	cps
Gadolinium	160-2	233	213	190	212	10.22	cps
Holmium	165-1	5922139	5973851	5957942	5951311	0.45	cps
Holmium	165-2	3739103	3807352	3823248	3789901	1.18	cps
Indium	115-1	5073341	5080033	5110988	5088121	0.39	cps
Indium	115-2	1909789	1916164	1906616	1910856	0.25	cps
Iron	56-2	73826163	72675385	74676907	73726152	1.36	cps
Iron	57-2	1767529	1771050	1803326	1780635	1.11	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M4251-06MSD	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 15:53:13	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	4054232	4035266	4050460	4046653	0.25	cps
Krypton	83-1	540	603	547	563	6.18	cps
Lead	206-1	9522440	9459534	9841824	9607933	2.13	cps
Lead	207-1	8202984	8367756	8476879	8349206	1.65	cps
Lead	208-1	37541996	37862141	38392801	37932312	1.13	cps
Lithium	6-1	607108	604764	618821	610231	1.23	cps
Magnesium	24-2	21372262	21029035	21665686	21355661	1.49	cps
Manganese	55-2	12363182	12232216	12405713	12333704	0.73	cps
Molybdenum	94-1	4995072	5075259	5085887	5052073	0.98	cps
Molybdenum	95-1	6239029	6350923	6345389	6311780	1.00	cps
Molybdenum	96-1	6942961	7017396	7058446	7006268	0.84	cps
Molybdenum	97-1	3780185	3760364	3799874	3780141	0.52	cps
Molybdenum	98-1	10113052	9876362	10079678	10023031	1.28	cps
Neodymium	150-1	280	267	227	258	10.77	cps
Neodymium	150-2	40	80	57	59	34.12	cps
Nickel	60-2	636804	637579	640868	638417	0.34	cps
Phosphorus	31-2	4668	4526	4292	4495	4.21	cps
Potassium	39-2	11939789	11697972	11824676	11820812	1.02	cps
Rhodium	103-1	4743092	4803314	4725834	4757413	0.86	cps
Rhodium	103-2	3404627	3393371	3360976	3386325	0.67	cps
Scandium	45-1	3158829	3157257	3129437	3148508	0.53	cps
Scandium	45-2	431704	427713	430277	429898	0.47	cps
Selenium	82-1	86254	87156	86436	86615	0.55	cps
Selenium	77-2	10804	11148	10817	10923	1.78	cps
Selenium	78-2	35924	35801	36559	36095	1.13	cps
Silicon	28-1	19252191	19322515	19720119	19431608	1.30	cps
Silver	107-1	2171450	2824548	2028692	2341564	18.12	cps
Silver	109-1	1651248	2026352	1939941	1872514	10.49	cps
Sodium	23-2	48220165	48402008	48634219	48418797	0.43	cps
Strontium	86-1	8823364	8598631	8808548	8743514	1.44	cps
Strontium	88-1	76527923	75958843	76159377	76215381	0.38	cps
Sulfur	34-1	1434902	1414956	1422012	1423957	0.71	cps
Terbium	159-1	6664243	6864182	6790660	6773028	1.49	cps
Terbium	159-2	3977183	3979156	3974010	3976783	0.07	cps
Thallium	203-1	2085438	2106465	2119138	2103681	0.81	cps
Thallium	205-1	4936223	4940399	4953822	4943482	0.19	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M4251-06MSD	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 15:53:13	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	356	439	411	402	10.56	cps
Tin	118-1	2027699	2040564	2028358	2032207	0.36	cps
Titanium	47-1	1709112	1715097	1721854	1715354	0.37	cps
Uranium	238-1	5059056	5024204	5059724	5047661	0.40	cps
Vanadium	51-2	1535309	1521230	1537090	1531210	0.57	cps
Yttrium	89-1	9625907	9850646	9613452	9696669	1.38	cps
Yttrium	89-2	2850167	2843373	2872308	2855283	0.53	cps
Zinc	66-2	4160213	4247182	4227019	4211472	1.08	cps
Zirconium	90-1	4257679	4252343	4229341	4246454	0.35	cps
Zirconium	91-1	941516	964564	937219	947766	1.55	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M4251-06A	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 15:56:13	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1633915	1628496	1663533	1641981	1.15	cps
Antimony	121-1	3588650	3624323	3618210	3610394	0.53	cps
Arsenic	75-2	491082	500501	492871	494818	1.01	cps
Barium	135-1	3269777	3267578	3233078	3256811	0.63	cps
Barium	137-1	5752577	5735091	5778321	5755330	0.38	cps
Beryllium	9-1	448346	453750	454600	452232	0.75	cps
Bismuth	209-1	3549544	3513416	3621331	3561430	1.54	cps
Bismuth	209-2	2334241	2291779	2166178	2264066	3.86	cps
Boron	10-1	68832	68764	68305	68634	0.42	cps
Boron	11-1	361450	368689	359897	363345	1.29	cps
Bromine	81-1	12748	13957	15383	14029	9.40	cps
Bromine	81-2	3554	3374	3013	3314	8.31	cps
Cadmium	111-1	691854	702911	682898	692554	1.45	cps
Cadmium	106-1	90245	92098	89968	90770	1.28	cps
Cadmium	108-1	57834	58056	57784	57891	0.25	cps
Calcium	43-1	1042714	1047853	1059045	1049871	0.80	cps
Calcium	44-1	16547973	16537809	16524633	16536805	0.07	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1643003	1653777	1658483	1651754	0.48	cps
Cobalt	59-2	2459942	2480942	2486894	2475926	0.57	cps
Copper	63-2	20187917	20515000	20124859	20275925	1.03	cps
Dysprosium	156-1	250	342	258	283	17.89	cps
Dysprosium	156-2	180	207	227	204	11.45	cps
Erbium	164-1	92	50	58	67	33.07	cps
Erbium	164-2	77	73	60	70	12.60	cps
Gadolinium	160-1	275	225	167	222	24.40	cps
Gadolinium	160-2	250	213	183	216	15.49	cps
Holmium	165-1	5986199	5825071	6010948	5940739	1.70	cps
Holmium	165-2	3834002	3769706	3486227	3696645	5.01	cps
Indium	115-1	4993174	4969019	5189963	5050719	2.40	cps
Indium	115-2	1965534	1906443	1770335	1880771	5.32	cps
Iron	56-2	71849999	74306013	73916324	73357445	1.80	cps
Iron	57-2	1756022	1781487	1794240	1777250	1.09	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M4251-06A	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 15:56:13	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	3987835	4062010	4030144	4026663	0.92	cps
Krypton	83-1	583	600	567	583	2.86	cps
Lead	206-1	9346155	9623384	9457591	9475710	1.47	cps
Lead	207-1	8171004	8333976	8349360	8284780	1.19	cps
Lead	208-1	37376162	38281197	37752613	37803324	1.20	cps
Lithium	6-1	609469	598123	609587	605726	1.09	cps
Magnesium	24-2	21060739	21194563	21617880	21291061	1.37	cps
Manganese	55-2	12153670	12397386	12356991	12302682	1.06	cps
Molybdenum	94-1	5080930	5033718	5016193	5043614	0.66	cps
Molybdenum	95-1	6327706	6283947	6237014	6282889	0.72	cps
Molybdenum	96-1	7043153	6943357	6991158	6992556	0.71	cps
Molybdenum	97-1	3748389	3785275	3758521	3764062	0.51	cps
Molybdenum	98-1	10033859	10036254	9962725	10010946	0.42	cps
Neodymium	150-1	240	273	287	267	9.01	cps
Neodymium	150-2	77	43	70	63	27.85	cps
Nickel	60-2	630298	634711	633705	632905	0.37	cps
Phosphorus	31-2	4367	4618	4626	4537	3.24	cps
Potassium	39-2	11807462	11605523	11761802	11724929	0.90	cps
Rhodium	103-1	4738700	4702072	4809943	4750238	1.15	cps
Rhodium	103-2	3434696	3388743	3134083	3319174	4.88	cps
Scandium	45-1	3095658	3086053	3172374	3118028	1.52	cps
Scandium	45-2	437645	431300	399418	422788	4.85	cps
Selenium	82-1	85346	86638	86827	86270	0.93	cps
Selenium	77-2	10991	10991	10534	10839	2.43	cps
Selenium	78-2	35102	35818	35909	35610	1.24	cps
Silicon	28-1	19061084	19468153	18754157	19094465	1.88	cps
Silver	107-1	1970888	1817448	2180773	1989703	9.17	cps
Silver	109-1	2190813	1776693	2023816	1997107	10.43	cps
Sodium	23-2	48322865	48418226	49248039	48663043	1.05	cps
Strontium	86-1	8626221	8544707	8797014	8655981	1.49	cps
Strontium	88-1	75246316	76133402	76305552	75895090	0.75	cps
Sulfur	34-1	1401996	1402184	1399765	1401315	0.10	cps
Terbium	159-1	6654113	6500371	6935325	6696603	3.29	cps
Terbium	159-2	4051322	3899437	3710587	3887115	4.39	cps
Thallium	203-1	2067318	2066290	2081314	2071640	0.41	cps
Thallium	205-1	4831016	4852436	4867423	4850292	0.38	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	M4251-06A	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 15:56:13	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	217	150	256	207	25.74	cps
Tin	118-1	1993104	2011473	2046577	2017051	1.35	cps
Titanium	47-1	1674888	1695187	1707300	1692459	0.97	cps
Uranium	238-1	4967736	4984638	5069178	5007184	1.09	cps
Vanadium	51-2	1517753	1528600	1529839	1525397	0.44	cps
Yttrium	89-1	9676786	9646252	9878523	9733853	1.30	cps
Yttrium	89-2	2939150	2879685	2641598	2820144	5.58	cps
Zinc	66-2	4197800	4193152	4167300	4186084	0.39	cps
Zirconium	90-1	4189316	4232682	4240301	4220766	0.65	cps
Zirconium	91-1	939175	957630	939365	945390	1.12	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	CCV17	Instrumnet Name :	P7
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 16:03:38	DataFile Name :	057CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8704309	8796361	8756883	8752518	0.53	cps
Antimony	121-1	3554493	3614152	3588306	3585650	0.83	cps
Arsenic	75-2	501576	506614	506564	504918	0.57	cps
Barium	135-1	3197316	3221545	3216376	3211745	0.40	cps
Barium	137-1	5569437	5653148	5667493	5630026	0.94	cps
Beryllium	9-1	456076	464099	458576	459584	0.89	cps
Bismuth	209-1	3555793	3522049	3485522	3521121	1.00	cps
Bismuth	209-2	2306054	2328655	2329437	2321382	0.57	cps
Boron	10-1	61550	64513	65910	63991	3.48	cps
Boron	11-1	332743	337767	346831	339114	2.11	cps
Bromine	81-1	2242	2600	2167	2336	9.91	cps
Bromine	81-2	170	130	170	157	14.74	cps
Cadmium	111-1	690546	691244	690724	690838	0.05	cps
Cadmium	106-1	91687	88215	91947	90616	2.30	cps
Cadmium	108-1	57955	57181	56231	57123	1.51	cps
Calcium	43-1	3432909	3437880	3533847	3468212	1.64	cps
Calcium	44-1	53435354	54445103	55273960	54384806	1.69	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1601891	1642723	1632750	1625788	1.31	cps
Cobalt	59-2	2450978	2424945	2424967	2433630	0.62	cps
Copper	63-2	19161991	18916348	19054503	19044281	0.65	cps
Dysprosium	156-1	625	533	808	656	21.36	cps
Dysprosium	156-2	407	440	373	407	8.20	cps
Erbium	164-1	175	117	117	136	24.75	cps
Erbium	164-2	87	50	43	60	38.89	cps
Gadolinium	160-1	533	442	408	461	14.04	cps
Gadolinium	160-2	413	343	427	394	11.35	cps
Holmium	165-1	6001014	5922922	5848256	5924064	1.29	cps
Holmium	165-2	3835040	3843035	3816492	3831522	0.36	cps
Indium	115-1	5191806	5132351	5121211	5148456	0.74	cps
Indium	115-2	1922290	1942679	1915420	1926796	0.74	cps
Iron	56-2	356385208	361834297	354823897	357681134	1.03	cps
Iron	57-2	8879858	8748837	8898026	8842240	0.92	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	CCV17	Instrumnet Name :	P7
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 16:03:38	DataFile Name :	057CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	19824914	20141935	20054982	20007277	0.82	cps
Krypton	83-1	553	623	587	588	5.96	cps
Lead	206-1	9298572	9132660	9050448	9160560	1.38	cps
Lead	207-1	8051388	7874143	7769495	7898342	1.80	cps
Lead	208-1	36551910	35983469	35740483	36091954	1.15	cps
Lithium	6-1	618497	629975	626537	625003	0.94	cps
Magnesium	24-2	92808863	92030710	91900163	92246579	0.53	cps
Manganese	55-2	11236116	11310932	11381321	11309456	0.64	cps
Molybdenum	94-1	5038501	5089824	5091465	5073263	0.59	cps
Molybdenum	95-1	6338228	6363433	6343274	6348312	0.21	cps
Molybdenum	96-1	7042012	6960175	7027747	7009978	0.62	cps
Molybdenum	97-1	3817610	3805592	3858109	3827104	0.72	cps
Molybdenum	98-1	10172564	10164067	10187908	10174846	0.12	cps
Neodymium	150-1	187	187	187	187	0.00	cps
Neodymium	150-2	53	40	43	46	15.23	cps
Nickel	60-2	673808	671285	675086	673393	0.29	cps
Phosphorus	31-2	264693	268755	268028	267159	0.81	cps
Potassium	39-2	52518803	53731066	53158571	53136147	1.14	cps
Rhodium	103-1	4860214	4763825	4825273	4816437	1.01	cps
Rhodium	103-2	3389707	3404080	3384439	3392742	0.30	cps
Scandium	45-1	3234102	3201274	3242082	3225819	0.67	cps
Scandium	45-2	431733	434583	434525	433614	0.38	cps
Selenium	82-1	92481	95151	94020	93884	1.43	cps
Selenium	77-2	11701	11925	12158	11928	1.92	cps
Selenium	78-2	38157	39203	38558	38640	1.36	cps
Silicon	28-1	3279947	3349270	3385284	3338167	1.60	cps
Silver	107-1	3534783	3501470	3497339	3511197	0.58	cps
Silver	109-1	3350497	3345610	3363938	3353348	0.28	cps
Sodium	23-2	157663081	157959115	155865176	157162457	0.72	cps
Strontium	86-1	8523379	8358898	8660550	8514276	1.77	cps
Strontium	88-1	72929218	73884297	74435987	73749834	1.03	cps
Sulfur	34-1	1547462	1555543	1558624	1553876	0.37	cps
Terbium	159-1	6795271	6828293	6791261	6804941	0.30	cps
Terbium	159-2	3994755	4027183	4030585	4017508	0.49	cps
Thallium	203-1	2048040	2024484	2016357	2029627	0.81	cps
Thallium	205-1	4775157	4752819	4743863	4757280	0.34	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	CCV17	Instrumnet Name :	P7
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2021-10-19 16:03:38	DataFile Name :	057CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	6478025	6534620	6310986	6441210	1.81	cps
Tin	118-1	1999291	2042405	2003285	2014994	1.18	cps
Titanium	47-1	1763683	1800412	1793403	1785832	1.09	cps
Uranium	238-1	4883921	4902207	4893223	4893117	0.19	cps
Vanadium	51-2	1477004	1485016	1491494	1484505	0.49	cps
Yttrium	89-1	9986768	9823976	9894173	9901639	0.82	cps
Yttrium	89-2	2880219	2919377	2934105	2911234	0.96	cps
Zinc	66-2	4148865	4103608	4138351	4130275	0.57	cps
Zirconium	90-1	4282366	4284417	4319159	4295314	0.48	cps
Zirconium	91-1	955411	958799	963244	959151	0.41	cps

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 Lab Sample ID : CCB17 Instrumnet Name : P7
 Client Sample ID : CCB17 Dilution Factor : 1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	522	522	417	487	12.51	cps
Antimony	121-1	658	767	717	714	7.60	cps
Arsenic	75-2	83	56	54	64	25.85	cps
Barium	135-1	175	175	100	150	28.87	cps
Barium	137-1	275	267	208	250	14.53	cps
Beryllium	9-1	453	367	370	397	12.38	cps
Bismuth	209-1	3756646	3767398	3741204	3755083	0.35	cps
Bismuth	209-2	2372820	2377503	2437099	2395807	1.50	cps
Boron	10-1	600	717	558	625	13.13	cps
Boron	11-1	3000	2742	2884	2875	4.50	cps
Bromine	81-1	925	908	958	931	2.74	cps
Bromine	81-2	30	60	90	60	50.00	cps
Cadmium	111-1	492	455	450	466	4.96	cps
Cadmium	106-1	4342	4134	3976	4151	4.43	cps
Cadmium	108-1	138	138	133	136	1.76	cps
Calcium	43-1	399	433	516	449	13.38	cps
Calcium	44-1	37919	38788	37468	38059	1.76	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3034	3060	3067	3054	0.58	cps
Cobalt	59-2	223	207	213	214	3.91	cps
Copper	63-2	2747	2807	2574	2709	4.47	cps
Dysprosium	156-1	17	33	17	22	43.28	cps
Dysprosium	156-2	13	3	3	7	86.65	cps
Erbium	164-1	50	100	25	58	65.47	cps
Erbium	164-2	17	30	33	27	33.06	cps
Gadolinium	160-1	58	50	42	50	16.66	cps
Gadolinium	160-2	147	130	137	138	6.09	cps
Holmium	165-1	6342921	6488666	6473428	6435005	1.24	cps
Holmium	165-2	3731752	3726984	3879530	3779422	2.29	cps
Indium	115-1	5425670	5461716	5465124	5450836	0.40	cps
Indium	115-2	2039979	2016716	2078270	2044988	1.52	cps
Iron	56-2	20910	20069	19869	20283	2.72	cps
Iron	57-2	2711	2867	2884	2821	3.37	cps

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 Lab Sample ID : CCB17 Instrumnet Name : P7
 Client Sample ID : CCB17 Dilution Factor : 1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	5176	5196	5427	5266	2.64	cps
Krypton	83-1	590	520	510	540	8.07	cps
Lead	206-1	2378	2484	2267	2376	4.56	cps
Lead	207-1	2117	2017	1984	2039	3.40	cps
Lead	208-1	9674	9085	9101	9287	3.61	cps
Lithium	6-1	651295	653741	648070	651035	0.44	cps
Magnesium	24-2	5073	4523	4451	4682	7.27	cps
Manganese	55-2	827	820	850	832	1.89	cps
Molybdenum	94-1	525	475	433	478	9.61	cps
Molybdenum	95-1	275	258	233	256	8.21	cps
Molybdenum	96-1	525	508	442	492	8.97	cps
Molybdenum	97-1	225	275	183	228	20.15	cps
Molybdenum	98-1	625	558	583	589	5.72	cps
Neodymium	150-1	13	20	27	20	33.35	cps
Neodymium	150-2	3	10	10	8	49.52	cps
Nickel	60-2	327	350	393	357	9.49	cps
Phosphorus	31-2	3142	3067	2925	3045	3.61	cps
Potassium	39-2	344717	345985	349749	346817	0.75	cps
Rhodium	103-1	5024133	5050385	5022740	5032420	0.31	cps
Rhodium	103-2	3544763	3549916	3623940	3572873	1.24	cps
Scandium	45-1	3202557	3210129	3162320	3191669	0.81	cps
Scandium	45-2	431952	432351	445791	436698	1.80	cps
Selenium	82-1	29	58	79	55	45.95	cps
Selenium	77-2	3	7	3	4	43.40	cps
Selenium	78-2	198	213	196	202	4.51	cps
Silicon	28-1	1268919	1262734	1269293	1266982	0.29	cps
Silver	107-1	1058	550	475	694	45.70	cps
Silver	109-1	817	658	342	606	39.94	cps
Sodium	23-2	165421	165971	167071	166154	0.51	cps
Strontium	86-1	1117	1392	1475	1328	14.12	cps
Strontium	88-1	3242	3159	2850	3084	6.69	cps
Sulfur	34-1	1201760	1200489	1210274	1204174	0.44	cps
Terbium	159-1	6877921	6890038	6871128	6879696	0.14	cps
Terbium	159-2	3976878	3935152	4130741	4014257	2.57	cps
Thallium	203-1	400	425	383	403	5.21	cps
Thallium	205-1	1108	892	758	920	19.21	cps

LB Number :	LB116918	Operator :	JASWAL
Lab Sample ID :	CCB17	Instrumnet Name :	P7
Client Sample ID :	CCB17	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	433	339	328	367	15.82	cps
Tin	118-1	958	1184	1000	1047	11.44	cps
Titanium	47-1	483	583	433	500	15.28	cps
Uranium	238-1	350	367	225	314	24.67	cps
Vanadium	51-2	120	97	70	96	26.18	cps
Yttrium	89-1	10156945	10142322	10179751	10159673	0.19	cps
Yttrium	89-2	2918444	2886227	2975054	2926575	1.54	cps
Zinc	66-2	1890	1740	1607	1746	8.12	cps
Zirconium	90-1	708	683	642	678	4.97	cps
Zirconium	91-1	133	150	183	156	16.37	cps