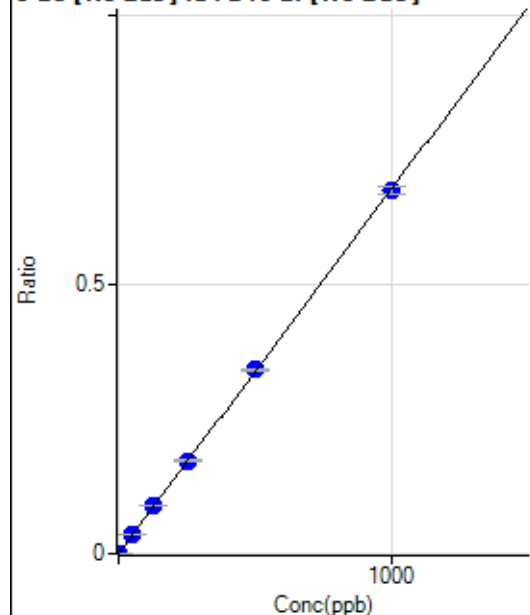


Batch Folder: C:\Agilent\ICPMH\1\DATA\P7092421MS.b\
Analysis File: P7092421MS.batch.bin
DA Date-Time: 2021-09-24 14:38:55
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2021-09-24 11:57:55
2	005CALS.d	S02	2021-09-24 12:04:12
3	006CALS.d	S03	2021-09-24 12:07:19
4	007CALS.d	S04	2021-09-24 12:10:26
5	008CALS.d	S05	2021-09-24 12:13:33
6	012CALS.d	S06	2021-09-24 12:26:40
7	013CALS.d	S07	2021-09-24 12:29:46
8	014CALS.d	S08	2021-09-24 12:32:43

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	50.00	0.0000	P	10.8
2	☐	1.000	1.055	1572.33	0.0007	P	11.9
3	☐	50.000	51.595	76521.32	0.0350	P	1.0
4	☐	125.000	130.657	186700.35	0.0885	P	1.8
5	☐	250.000	255.046	358596.41	0.1728	P	0.9
6	☐	500.000	505.995	704155.41	0.3428	P	1.0
7	☐	1000.000	994.954	1285409.94	0.6740	P	2.0
8	☐			272.23	0.0001	P	11.7

$$y = 6.7735\text{E-}004 * x + 2.3269\text{E-}005$$

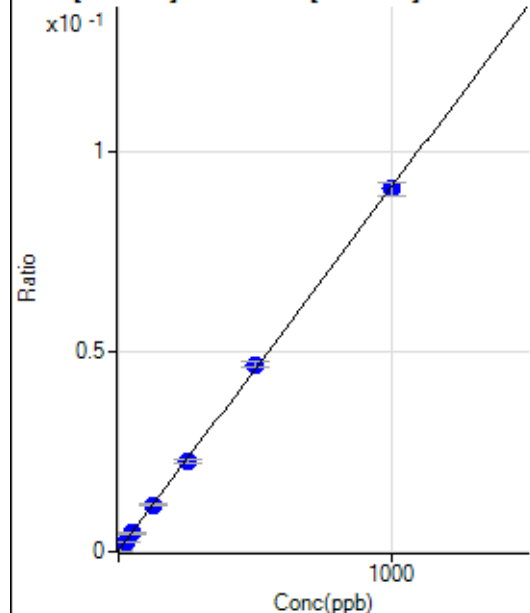
$$R = 0.9999$$

$$DL = 0.01111$$

$$BEC = 0.03435$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	500.02	0.0002	P	15.7
2	☐	25.000	24.530	5251.04	0.0025	P	3.1
3	☐	50.000	48.780	10220.33	0.0047	P	6.2
4	☐	125.000	126.524	24776.29	0.0117	P	3.1
5	☐	250.000	244.819	46714.08	0.0225	P	3.3
6	☐	500.000	512.043	96176.62	0.0468	P	2.8
7	☐	1000.000	995.156	173093.03	0.0908	P	3.8
8	☐			6509.90	0.0035	P	8.0

$$y = 9.0984\text{E-}005 * x + 2.3284\text{E-}004$$

$$R = 0.9999$$

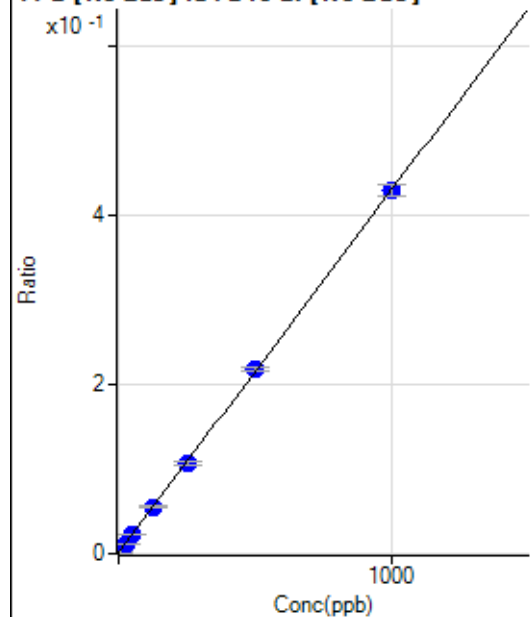
$$DL = 1.206$$

$$BEC = 2.559$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2436.37	0.0011	P	9.5
2	☐	25.000	24.300	24573.24	0.0115	P	3.2
3	☐	50.000	49.356	48698.38	0.0223	P	5.7
4	☐	125.000	125.684	115869.52	0.0549	P	3.8
5	☐	250.000	245.664	220550.63	0.1063	P	4.1
6	☐	500.000	506.843	447905.12	0.2180	P	2.7
7	☐	1000.000	997.627	816313.22	0.4281	P	3.1
8	☐			29657.40	0.0161	P	6.1

$$y = 4.2797E-004 * x + 0.0011$$

R = 1.0000

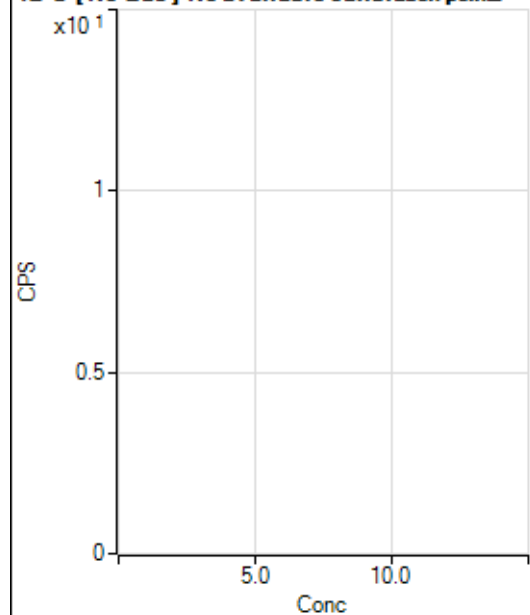
DL = 0.7549

BEC = 2.65

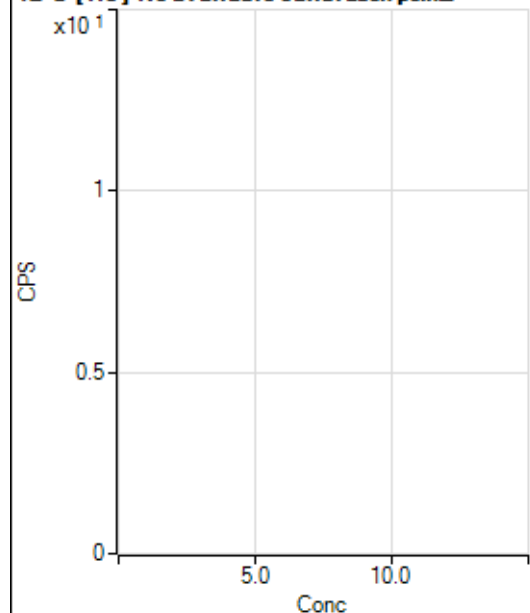
Weight: <None>

Min Conc: 0

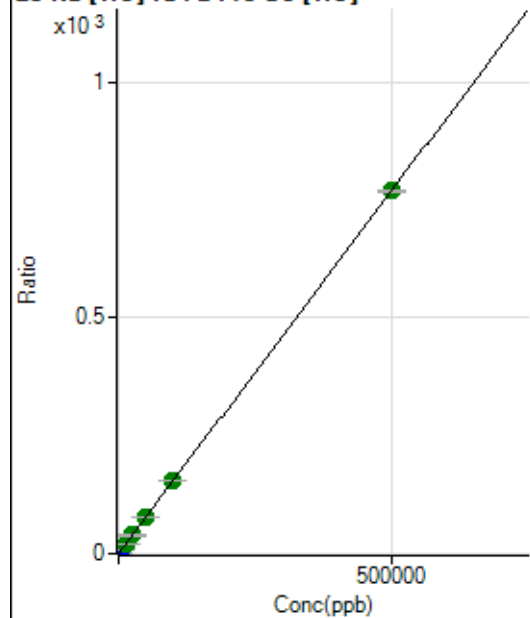
12 C [No Gas] No available calibration points



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

12 C [He] No available calibration points

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

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	9992.41	0.0436	P	1.8
2	☐	500.000	507.915	199771.08	0.8249	P	0.2
3	☐	5000.000	5156.146	1856705.21	7.9753	P	0.0
4	☐	12500.000	12570.425	4471998.02	19.3807	A	0.1
5	☐	25000.000	25356.667	8124202.35	39.0499	A	1.7
6	☐	50000.000	50304.305	16764541.87	77.4269	A	0.6
7	☐	100000.00	99761.051	31844317.38	153.5064	A	0.6
8	☐	500000.00	499996.19	155945059.0	769.1895	A	0.3

$$y = 0.0015 * x + 0.0436$$

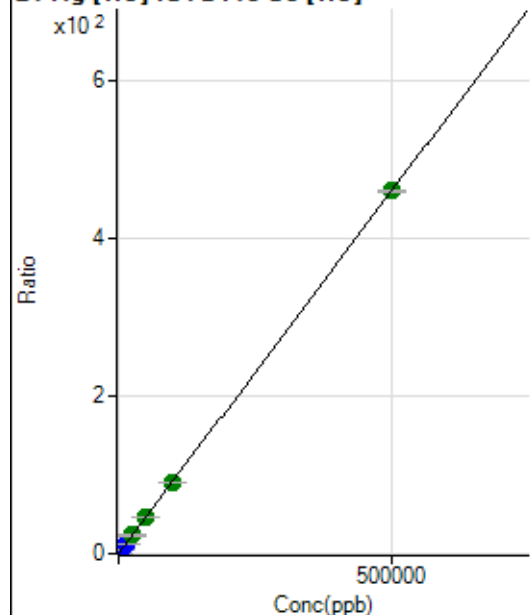
$$R = 1.0000$$

$$DL = 1.532$$

$$BEC = 28.36$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	202.79	0.0009	P	9.9
2	☐	500.000	500.171	111717.50	0.4613	P	1.9
3	☐	5000.000	5211.498	1116978.96	4.7979	P	0.3
4	☐	12500.000	13010.854	2763489.17	11.9769	P	0.5
5	☐	25000.000	25270.600	4838825.28	23.2616	A	2.0
6	☐	50000.000	50358.174	10036848.23	46.3539	A	0.6
7	☐	100000.00	98703.674	18847665.87	90.8543	A	0.9
8	☐	500000.00	500195.03	93340368.75	460.4134	A	0.6

$$y = 9.2047\text{E-}004 * x + 8.8392\text{E-}004$$

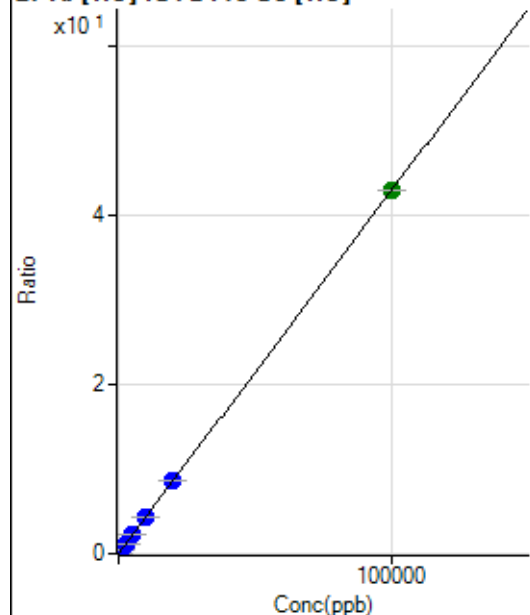
$$R = 1.0000$$

$$DL = 0.2866$$

$$BEC = 0.9603$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	69.05	0.0003	P	27.7
2	☐	20.000	21.890	2353.38	0.0097	P	7.7
3	☐	1000.000	1048.060	104858.12	0.4504	P	0.9
4	☐	2500.000	2617.695	259442.20	1.1245	P	1.1
5	☐	5000.000	5207.775	465215.79	2.2368	P	2.5
6	☐	10000.000	10270.763	955098.04	4.4112	P	0.5
7	☐	20000.000	20283.091	1807042.99	8.7110	P	0.3
8	☐	100000.00	99902.493	8698781.89	42.9042	A	0.1

$$y = 4.2946\text{E-}004 * x + 2.9992\text{E-}004$$

$$R = 1.0000$$

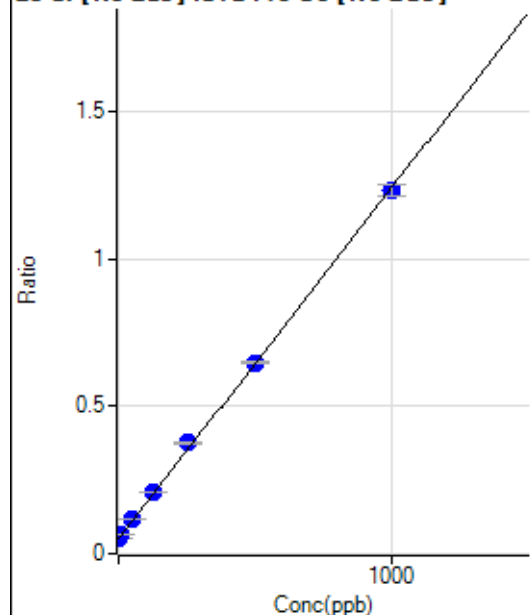
$$DL = 0.5804$$

$$BEC = 0.6984$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	197978.87	0.0505	P	3.9
2	☐	10.000	12.791	262277.76	0.0657	P	7.4
3	☐	50.000	55.016	456837.79	0.1160	P	2.8
4	☐	125.000	132.354	805337.03	0.2082	P	1.4
5	☐	250.000	273.007	1390170.20	0.3758	P	3.2
6	☐	500.000	502.672	2417461.66	0.6494	P	1.6
7	☐	1000.000	991.714	4315742.46	1.2321	P	3.2
8	☐			507126.33	0.1490	P	7.7

$$y = 0.0012 * x + 0.0505$$

$$R = 0.9997$$

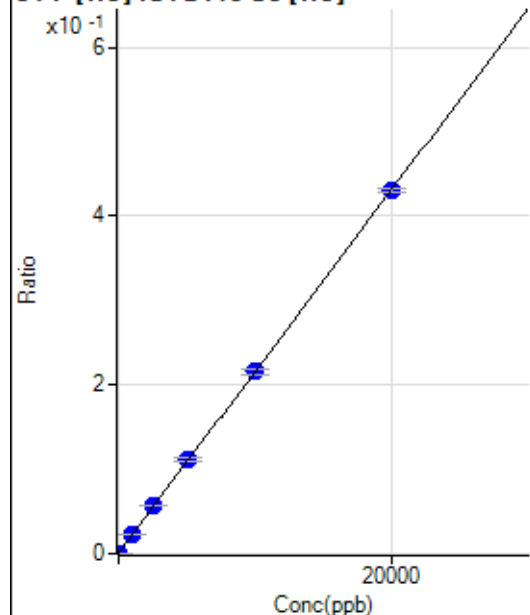
$$DL = 4.988$$

$$BEC = 42.37$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-1.952	169.45	0.0007	P	16.4
2	☐	0.000	1.952	200.01	0.0008	P	19.3
3	☐	1000.000	1036.976	5376.09	0.0231	P	5.8
4	☐	2500.000	2611.647	13142.17	0.0570	P	2.0
5	☐	5000.000	5166.658	23263.14	0.1119	P	3.8
6	☐	10000.000	9989.974	46676.19	0.2157	P	2.5
7	☐	20000.000	19947.544	89171.40	0.4298	P	1.0
8	☐			175.01	0.0009	P	32.5

$$y = 2.1510E-005 * x + 7.8225E-004$$

$$R = 1.0000$$

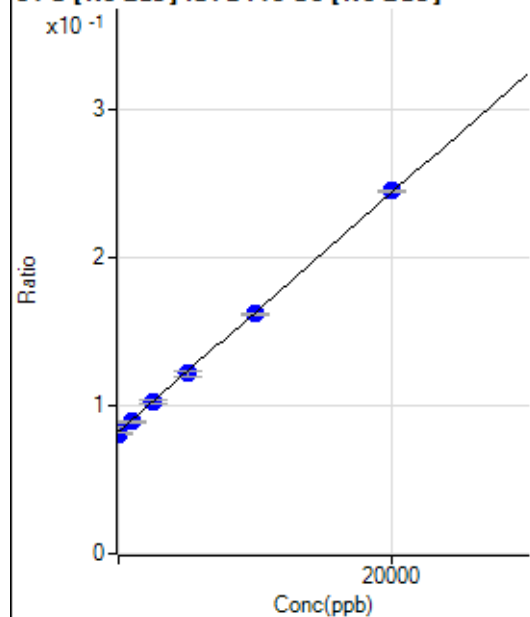
$$DL = 19.55$$

$$BEC = 36.37$$

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	-203.617	316810.52	0.0808	P	1.8
2	☐	0.000	203.617	335272.34	0.0841	P	5.2
3	☐	1000.000	832.395	351026.69	0.0892	P	0.8
4	☐	2500.000	2436.005	395038.22	0.1021	P	2.2
5	☐	5000.000	4845.610	449758.61	0.1215	P	2.4
6	☐	10000.000	9828.058	602050.66	0.1617	P	0.3
7	☐	20000.000	20140.948	858328.67	0.2449	P	0.4
8	☐			273816.98	0.0803	P	0.9

$$y = 8.0647\text{E-}006 * x + 0.0824$$

R = 0.9998

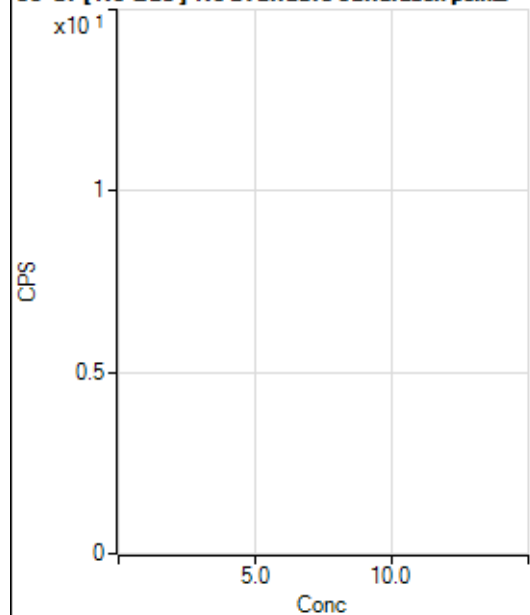
DL = 1085

BEC = 1.022E+04

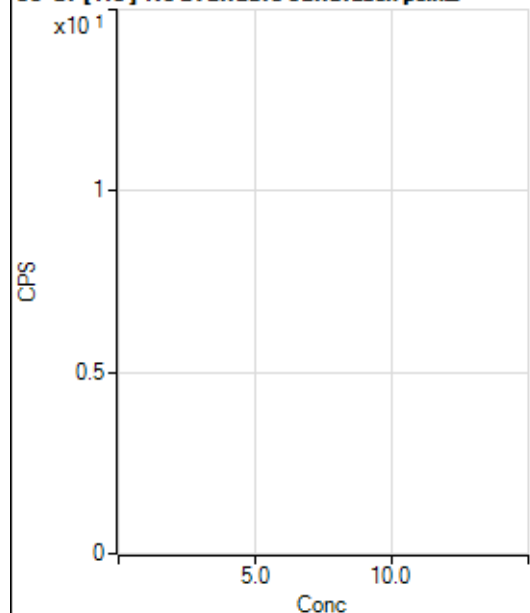
Weight: <None>

Min Conc: 0

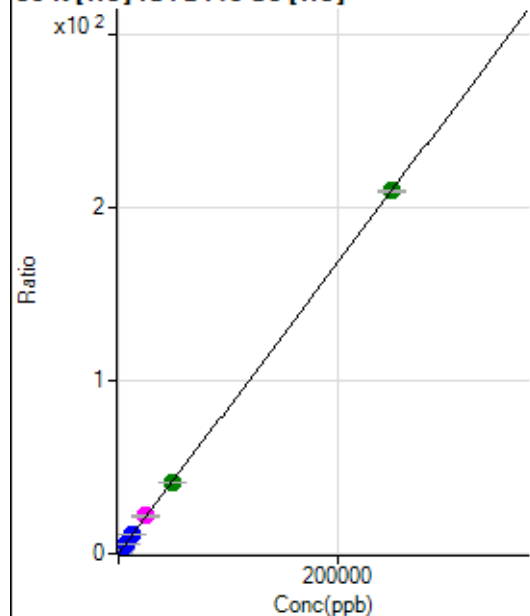
35 Cl [No Gas] No available calibration points



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

35 Cl [He] No available calibration points

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

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	23830.89	0.1040	P	2.3
2	☐	500.000	539.058	134656.75	0.5561	P	0.7
3	☐	2500.000	2768.410	564815.55	2.4261	P	0.2
4	☐	6250.000	6905.560	1360566.63	5.8964	P	0.2
5	☐	12500.000	13524.874	2383288.49	11.4488	P	1.7
6	☐	25000.000	26139.639	4767522.42	22.0301	M	3.4
7	☐	50000.000	49206.788	8583933.35	41.3791	A	0.5
8	☐	250000.00	249974.28	42534352.69	209.7847	A	0.2

$$y = 8.3881E-004 * x + 0.1040$$

$$R = 1.0000$$

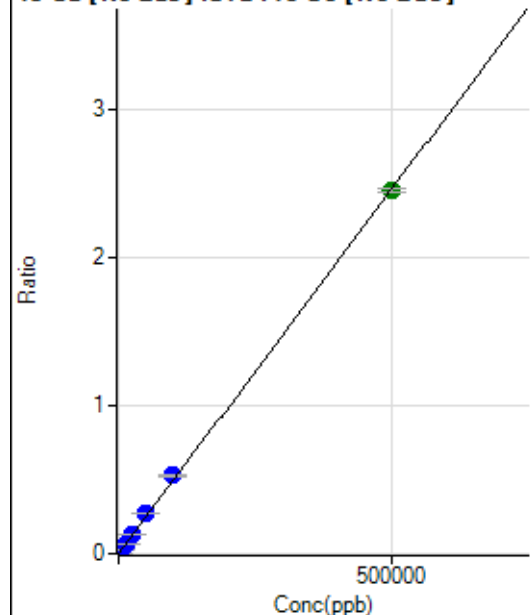
$$DL = 8.687$$

$$BEC = 123.9$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	72.22	0.0000	P	44.7
2	☐	500.000	511.940	10084.23	0.0025	P	1.2
3	☐	5000.000	5486.872	106194.64	0.0270	P	0.6
4	☐	12500.000	13848.651	263246.83	0.0680	P	0.2
5	☐	25000.000	27141.972	493441.51	0.1333	P	0.6
6	☐	50000.000	54342.693	993845.96	0.2670	P	0.6
7	☐	100000.00	107092.14	1843334.37	0.5261	P	1.3
8	☐	500000.00	498001.60	8338024.15	2.4463	A	1.2

$$y = 4.9122\text{E-}006 * x + 1.8470\text{E-}005$$

$$R = 0.9999$$

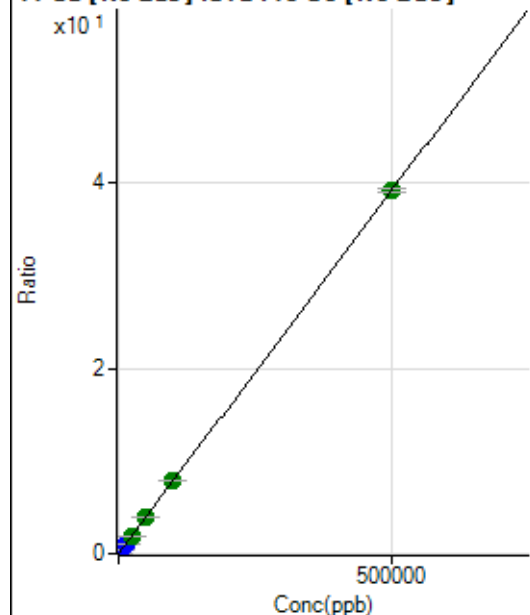
$$DL = 5.046$$

$$BEC = 3.76$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4267.39	0.0011	P	6.7
2	☐	500.000	530.761	169776.82	0.0426	P	1.0
3	☐	5000.000	5434.578	1679514.75	0.4266	P	0.6
4	☐	12500.000	13671.838	4145157.56	1.0715	P	0.6
5	☐	25000.000	24992.590	7244896.51	1.9578	A	0.3
6	☐	50000.000	50372.781	14686685.22	3.9449	A	0.5
7	☐	100000.00	100269.55	27513777.00	7.8515	A	0.9
8	☐	500000.00	499875.50	133401194.6	39.1378	A	1.2

$$y = 7.8293\text{E-}005 * x + 0.0011$$

$$R = 1.0000$$

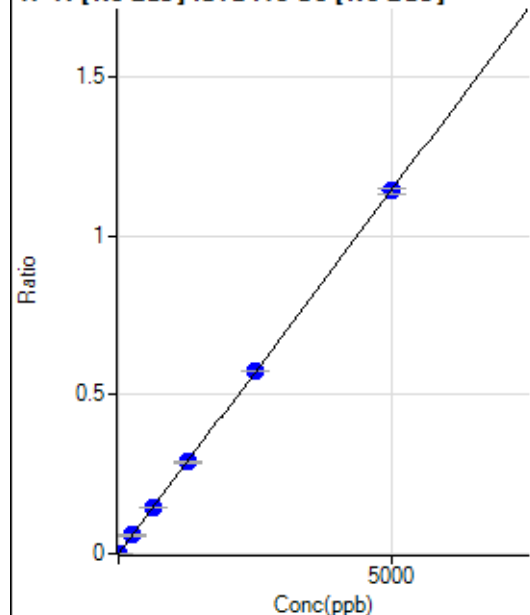
$$DL = 2.81$$

$$BEC = 13.9$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	38.89	0.0000	P	31.8
2	☐	5.000	4.910	4511.91	0.0011	P	2.0
3	☐	250.000	252.056	227014.39	0.0577	P	1.3
4	☐	625.000	634.064	561156.39	0.1450	P	0.5
5	☐	1250.000	1257.217	1064108.91	0.2876	P	0.2
6	☐	2500.000	2512.566	2139640.83	0.5747	P	0.2
7	☐	5000.000	4990.677	4001032.16	1.1415	P	1.3
8	☐			758.37	0.0002	P	11.7

$$y = 2.2873\text{E-}004 * x + 9.8960\text{E-}006$$

$$R = 1.0000$$

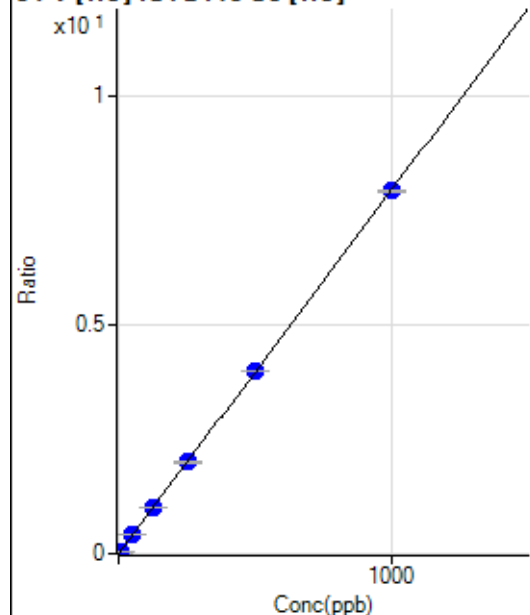
$$DL = 0.04122$$

$$BEC = 0.04327$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.2
2	☐	5.000	5.158	9943.44	0.0411	P	3.2
3	☐	50.000	51.013	94529.83	0.4060	P	0.7
4	☐	125.000	128.142	235342.59	1.0199	P	0.2
5	☐	250.000	251.502	416706.94	2.0018	P	1.7
6	☐	500.000	502.915	866729.21	4.0028	P	0.3
7	☐	1000.000	997.723	1647365.53	7.9412	P	0.5
8	☐			314.45	0.0016	P	8.4

$$y = 0.0080 * x + 4.8518\text{E-}006$$

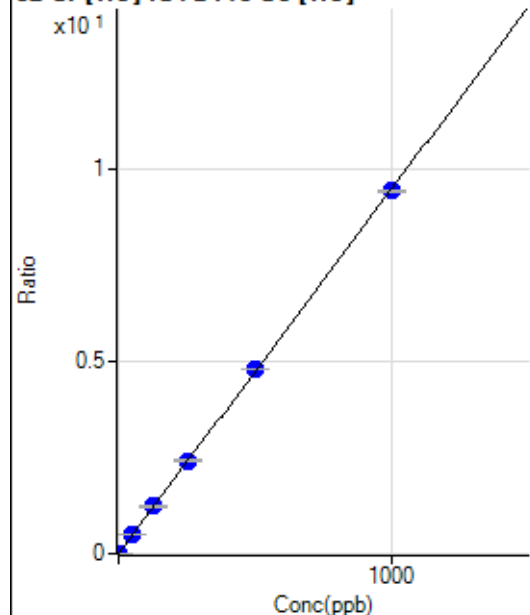
$$R = 1.0000$$

$$DL = 0.003167$$

$$BEC = 0.0006096$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	620.02	0.0027	P	8.3
2	☐	2.000	2.175	5637.79	0.0233	P	3.6
3	☐	50.000	51.801	114765.17	0.4930	P	0.4
4	☐	125.000	129.410	283214.62	1.2275	P	0.7
5	☐	250.000	255.317	503572.86	2.4191	P	1.5
6	☐	500.000	505.434	1036360.04	4.7863	P	0.4
7	☐	1000.000	995.312	1954673.74	9.4227	P	0.3
8	☐			6326.98	0.0312	P	2.3

$$y = 0.0095 * x + 0.0027$$

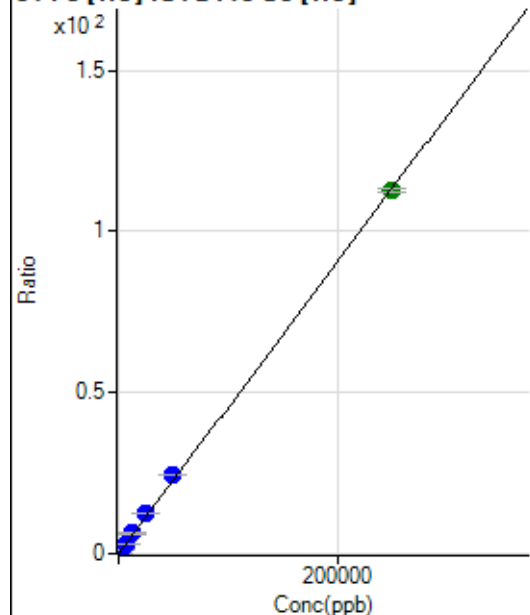
$$R = 1.0000$$

$$DL = 0.07159$$

$$BEC = 0.2863$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	644.01	0.0028	P	22.0
2	☐	50.000	58.931	7132.40	0.0295	P	1.9
3	☐	2500.000	2783.733	293730.20	1.2617	P	0.9
4	☐	6250.000	6967.587	727617.22	3.1536	P	0.8
5	☐	12500.000	13860.279	1304740.86	6.2706	P	1.5
6	☐	25000.000	27211.855	2664991.12	12.3083	P	0.5
7	☐	50000.000	53581.775	5027021.33	24.2331	P	0.4
8	☐	250000.00	248973.66	22824641.34	112.5913	A	1.0

$$y = 4.5221E-004 * x + 0.0028$$

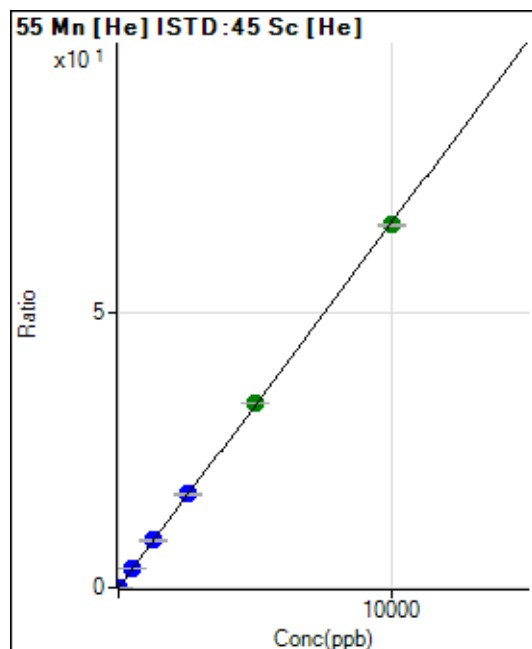
$$R = 0.9999$$

$$DL = 4.111$$

$$BEC = 6.233$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	27.78	0.0001	P	43.9
2	☐	1.000	1.048	1717.89	0.0071	P	3.0
3	☐	500.000	518.741	803866.86	3.4530	P	0.1
4	☐	1250.000	1295.353	1989361.31	8.6223	P	0.9
5	☐	2500.000	2575.887	3567234.08	17.1457	P	1.5
6	☐	5000.000	5059.463	7291493.71	33.6769	A	0.6
7	☐	10000.000	9944.691	13731802.99	66.1940	A	0.7
8	☐			13713.15	0.0676	P	1.7

$$y = 0.0067 * x + 1.2042E-004$$

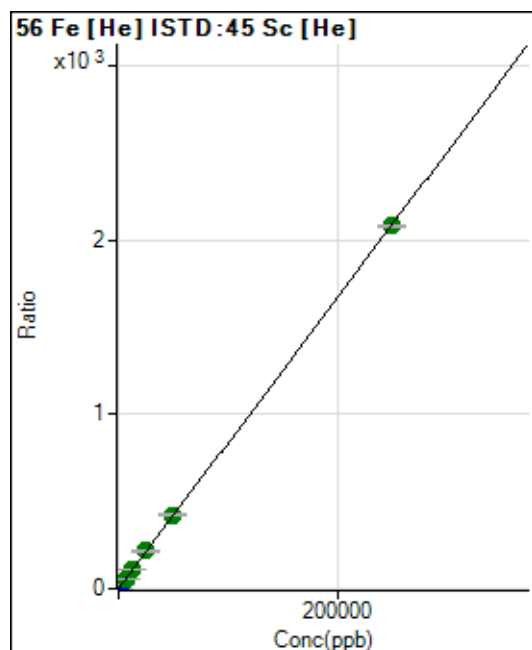
$$R = 0.9999$$

$$DL = 0.02382$$

$$BEC = 0.01809$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3070.74	0.0134	P	8.7
2	☐	50.000	54.272	112886.55	0.4664	P	1.7
3	☐	2500.000	2715.889	5280390.11	22.6810	P	0.5
4	☐	6250.000	6535.203	12588181.65	54.5582	A	0.9
5	☐	12500.000	13055.744	22674876.90	108.9806	A	1.5
6	☐	25000.000	25858.227	46732101.04	215.8339	A	0.9
7	☐	50000.000	50730.505	87840643.63	423.4254	A	1.0
8	☐	250000.00	249730.99	422571802.0	2,084.343	A	0.7

$$y = 0.0083 * x + 0.0134$$

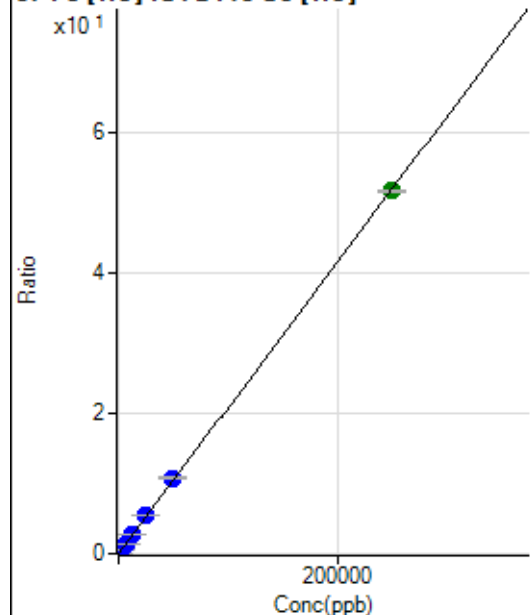
$$R = 1.0000$$

$$DL = 0.4176$$

$$BEC = 1.606$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	116.67	0.0005	P	12.5
2	☐	50.000	57.917	3041.11	0.0125	P	5.1
3	☐	2500.000	2703.365	130885.75	0.5622	P	0.5
4	☐	6250.000	6767.511	324558.30	1.4066	P	0.7
5	☐	12500.000	13469.226	582371.64	2.7991	P	1.6
6	☐	25000.000	26604.348	1196984.07	5.5282	P	0.4
7	☐	50000.000	52182.440	2249206.21	10.8427	P	0.2
8	☐	250000.00	249339.64	10502768.06	51.8068	A	0.6

$$y = 2.0777\text{E-}004 * x + 5.0926\text{E-}004$$

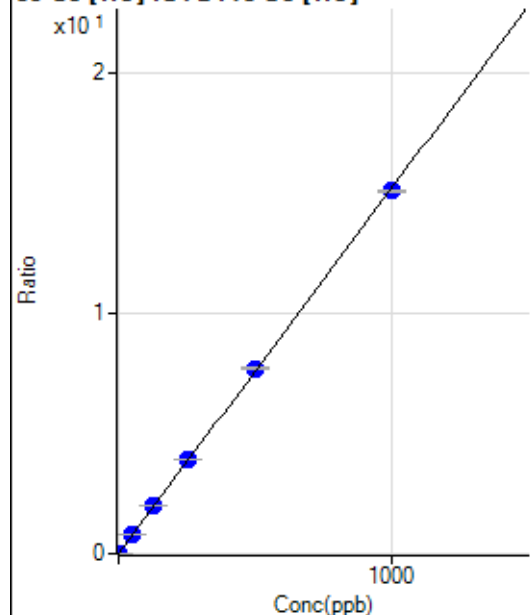
R = 0.9999

DL = 0.9199

BEC = 2.451

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	40.00	0.0002	P	27.9
2	☐	1.000	1.037	3853.88	0.0159	P	1.8
3	☐	50.000	52.291	184814.93	0.7939	P	0.5
4	☐	125.000	130.458	456908.56	1.9803	P	0.6
5	☐	250.000	258.690	817020.34	3.9266	P	1.4
6	☐	500.000	507.069	1666397.91	7.6965	P	0.7
7	☐	1000.000	993.496	3128139.82	15.0796	P	0.4
8	☐			7455.29	0.0368	P	1.4

$$y = 0.0152 * x + 1.7401\text{E-}004$$

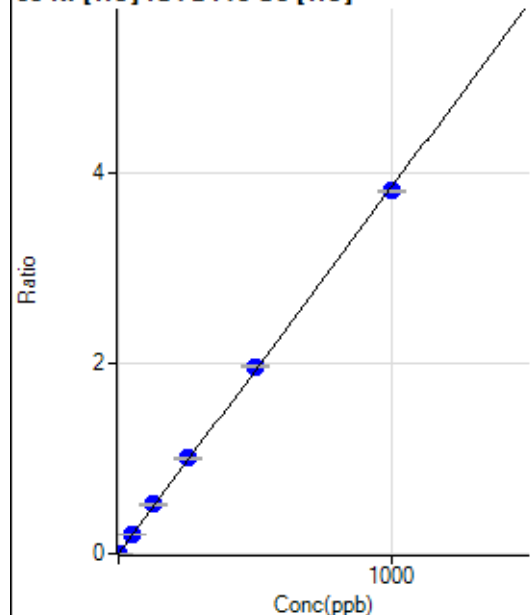
R = 0.9999

DL = 0.009597

BEC = 0.01146

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	116.67	0.0005	P	10.3
2	☐	1.000	1.106	1154.51	0.0048	P	10.4
3	☐	50.000	53.845	48393.94	0.2079	P	1.2
4	☐	125.000	133.777	118980.24	0.5157	P	1.4
5	☐	250.000	261.699	209767.26	1.0083	P	1.6
6	☐	500.000	511.210	426348.52	1.9692	P	0.8
7	☐	1000.000	990.181	791117.42	3.8137	P	0.3
8	☐			2848.08	0.0141	P	3.0

$$y = 0.0039 * x + 5.0945E-004$$

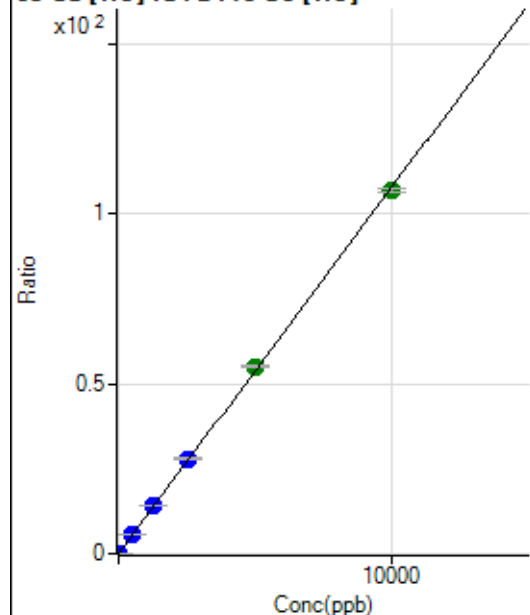
$$R = 0.9998$$

$$DL = 0.04082$$

$$BEC = 0.1323$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	440.01	0.0019	P	3.6
2	☐	2.000	1.907	5433.28	0.0224	P	2.5
3	☐	500.000	527.946	1323025.24	5.6830	P	0.2
4	☐	1250.000	1310.317	3253568.94	14.1018	P	1.1
5	☐	2500.000	2589.031	5797431.65	27.8616	P	1.4
6	☐	5000.000	5116.808	11921419.13	55.0622	A	1.1
7	☐	10000.000	9910.401	22123763.00	106.6445	A	1.1
8	☐			4643.00	0.0229	P	2.1

$$y = 0.0108 * x + 0.0019$$

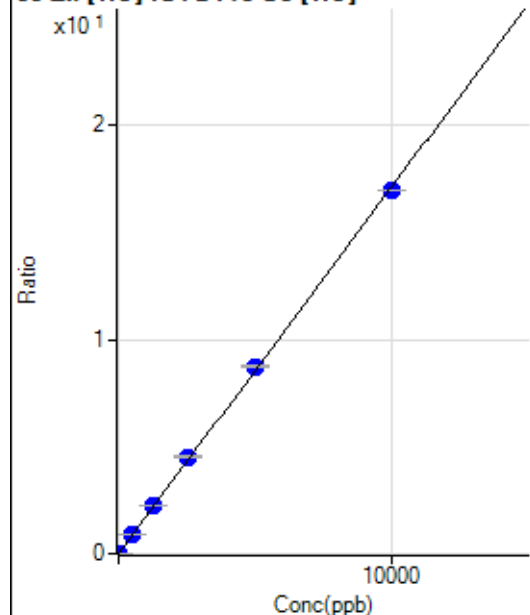
$$R = 0.9998$$

$$DL = 0.01916$$

$$BEC = 0.1786$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	157.85	0.0007	P	10.3
2	☐	2.000	2.193	1075.42	0.0044	P	3.6
3	☐	500.000	532.248	212197.85	0.00915	P	0.3
4	☐	1250.000	1312.543	518357.50	0.022467	P	0.9
5	☐	2500.000	2629.315	935861.35	0.045000	P	2.3
6	☐	5000.000	5115.154	1895226.18	0.087537	P	0.8
7	☐	10000.000	9900.664	3514572.20	0.169426	P	0.1
8	☐			6133.15	0.0303	P	3.0

$$y = 0.0017 * x + 6.8909E-004$$

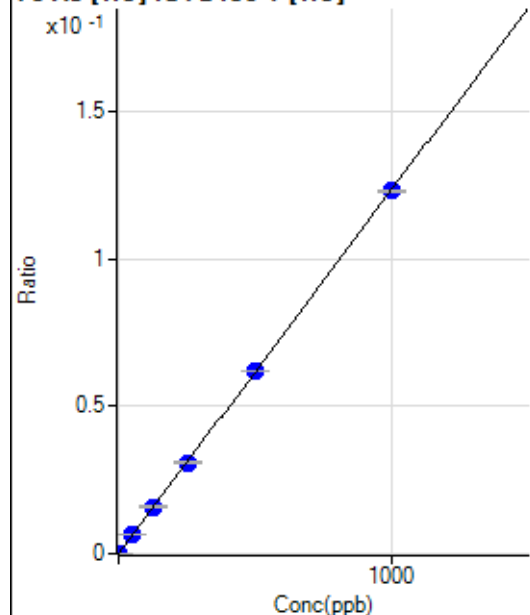
R = 0.9998

DL = 0.1243

BEC = 0.4027

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	6.17	0.0000	P	67.5
2	☐	1.000	1.086	280.25	0.0001	P	9.9
3	☐	50.000	51.069	12455.97	0.0063	P	0.7
4	☐	125.000	129.265	31435.83	0.0160	P	2.0
5	☐	250.000	250.401	55526.72	0.0309	P	1.0
6	☐	500.000	504.144	115365.37	0.0623	P	0.2
7	☐	1000.000	997.241	218888.89	0.1232	P	0.5
8	☐			80.87	0.0000	P	13.0

$$y = 1.2358E-004 * x + 3.1304E-006$$

R = 1.0000

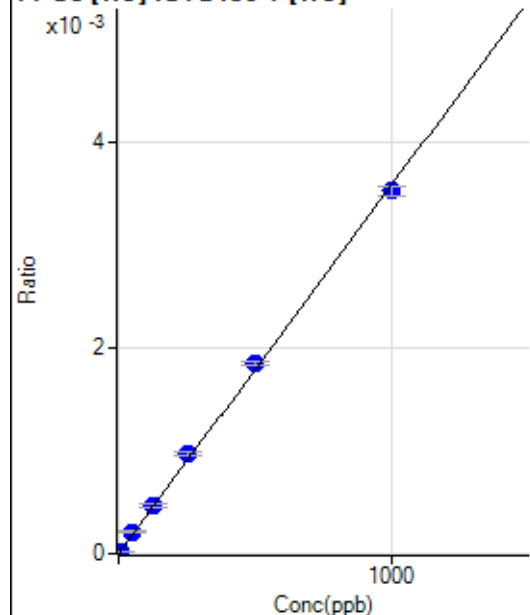
DL = 0.05126

BEC = 0.02533

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	5.172	37.78	0.0000	P	12.4
3	☐	50.000	58.922	416.68	0.0002	P	3.9
4	☐	125.000	129.921	916.71	0.0005	P	4.9
5	☐	250.000	272.075	1747.90	0.0010	P	3.4
6	☐	500.000	517.580	3434.89	0.0019	P	1.6
7	☐	1000.000	984.629	6270.30	0.0035	P	2.9
8	☐			1.11	0.0000	P	173.2

$$y = 3.5851\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9995$$

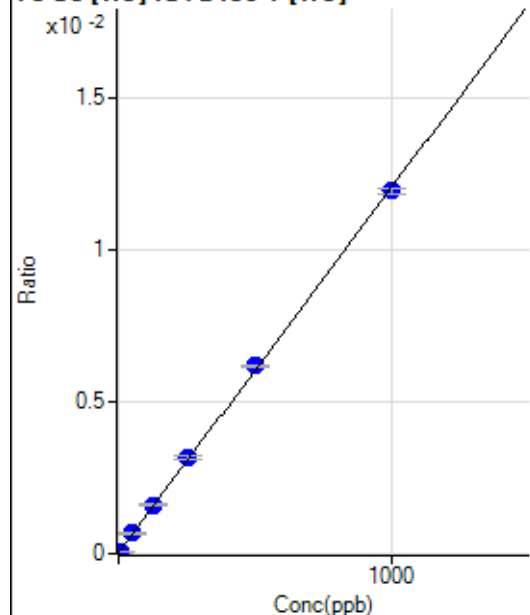
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	59.88	0.0000	P	5.8
2	☐	5.000	4.765	179.63	0.0001	P	6.5
3	☐	50.000	53.140	1322.29	0.0007	P	4.3
4	☐	125.000	130.501	3150.97	0.0016	P	2.1
5	☐	250.000	261.831	5703.62	0.0032	P	3.2
6	☐	500.000	510.930	11446.52	0.0062	P	0.4
7	☐	1000.000	990.734	21239.00	0.0120	P	1.5
8	☐			58.02	0.0000	P	16.7

$$y = 1.2040\text{E-}005 * x + 3.0593\text{E-}005$$

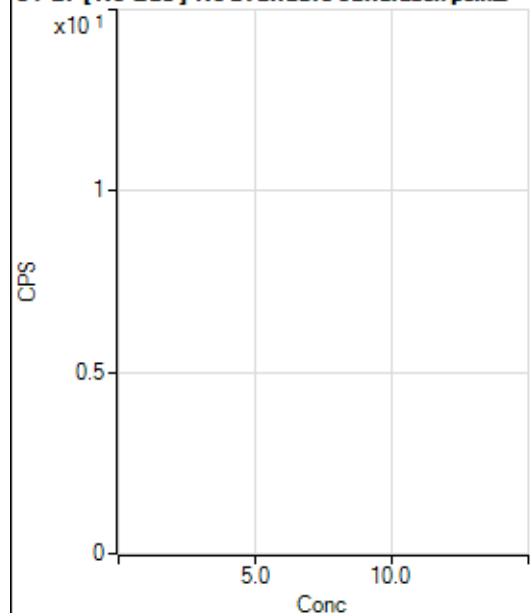
$$R = 0.9998$$

$$DL = 0.4396$$

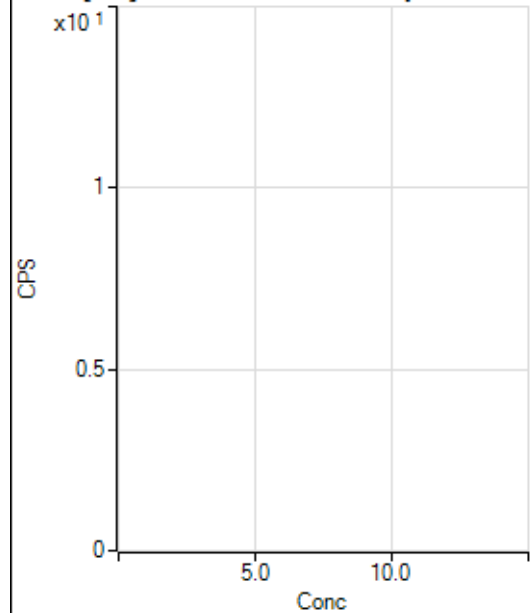
$$BEC = 2.541$$

Weight: <None>

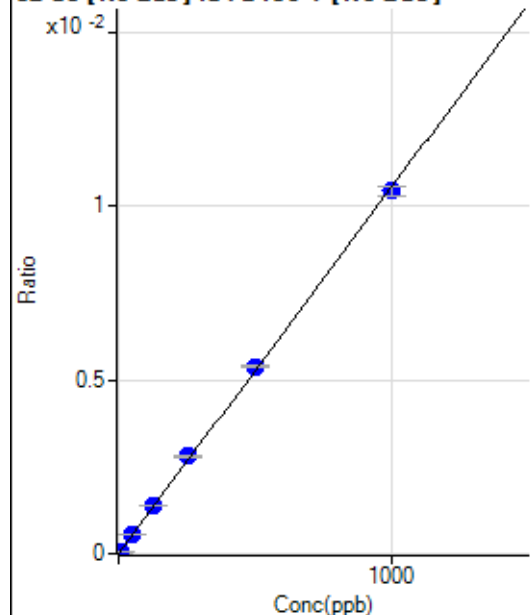
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7271.50		P	6.6
2	☐			6690.70		P	12.9
3	☐			6479.37		P	2.2
4	☐			6082.04		P	8.6
5	☐			5820.78		P	2.9
6	☐			5751.33		P	10.2
7	☐			5398.39		P	11.0
8	☐			5673.54		P	8.2

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			33.37		P	34.6
2	☐			56.72		P	36.7
3	☐			40.04		P	50.0
4	☐			36.70		P	68.6
5	☐			26.69		P	21.7
6	☐			26.69		P	78.1
7	☐			40.04		P	90.1
8	☐			43.38		P	70.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	-27.17	0.0000	P	-257.6
2	☐	5.000	5.496	606.91	0.0001	P	5.5
3	☐	50.000	53.700	6141.67	0.0006	P	2.1
4	☐	125.000	132.736	14973.67	0.0014	P	1.5
5	☐	250.000	265.058	28970.89	0.0028	P	3.8
6	☐	500.000	509.757	56676.62	0.0054	P	1.2
7	☐	1000.000	990.203	105216.42	0.0105	P	2.8
8	☐			-0.75	0.0000	P	-3106.

$$y = 1.0557E-005 * x - 2.4561E-006$$

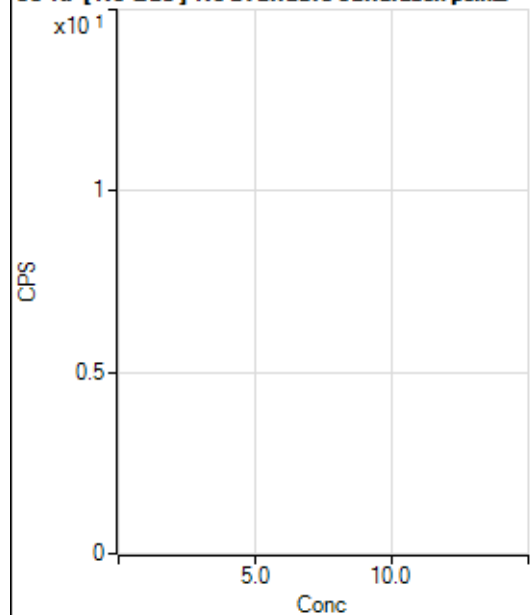
$$R = 0.9998$$

$$DL = 1.798$$

$$BEC = -0.2326$$

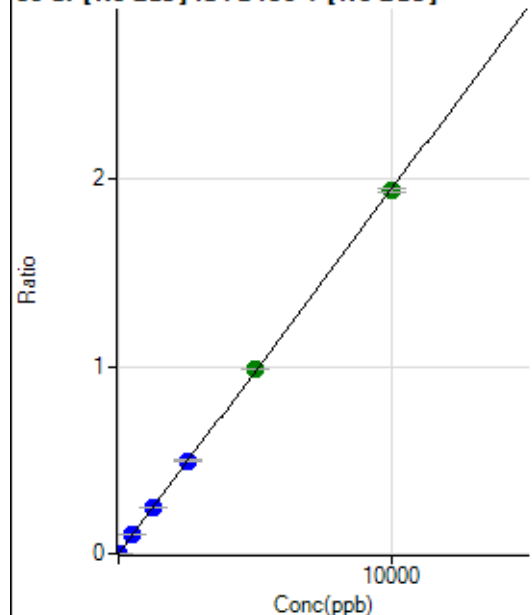
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			577.80		P	8.4
2	☐			565.57		P	5.9
3	☐			561.13		P	12.7
4	☐			525.57		P	3.5
5	☐			470.01		P	5.4
6	☐			496.68		P	8.9
7	☐			544.46		P	9.8
8	☐			504.46		P	3.3

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	858.38	0.0001	P	7.3
2	☐	1.000	1.162	3336.58	0.0003	P	2.8
3	☐	500.000	514.228	1091531.64	0.1003	P	0.7
4	☐	1250.000	1285.324	2682888.75	0.2506	P	0.6
5	☐	2500.000	2548.074	5149155.76	0.4968	P	0.9
6	☐	5000.000	5062.776	10399936.34	0.9870	A	0.4
7	☐	10000.000	9951.467	19535153.39	1.9400	A	1.1
8	☐			8511.05	0.0009	P	4.2

$$y = 1.9494\text{E-}004 * x + 7.9075\text{E-}005$$

$$R = 1.0000$$

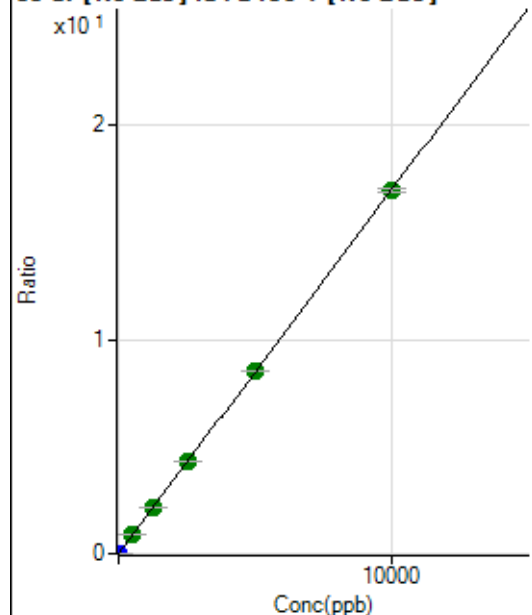
$$DL = 0.08843$$

$$BEC = 0.4056$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	144.45	0.0000	P	21.1
2	☐	1.000	1.128	21026.98	0.0019	P	1.6
3	☐	500.000	508.894	9395948.82	0.8636	A	0.9
4	☐	1250.000	1271.098	23091059.20	2.1570	A	0.6
5	☐	2500.000	2526.567	44439930.16	4.2874	A	0.6
6	☐	5000.000	5030.655	89951274.93	8.5367	A	0.2
7	☐	10000.000	9974.949	170445881.5	16.9268	A	1.2
8	☐			65259.19	0.0067	P	0.6

$$y = 0.0017 * x + 1.3317\text{E-}005$$

$$R = 1.0000$$

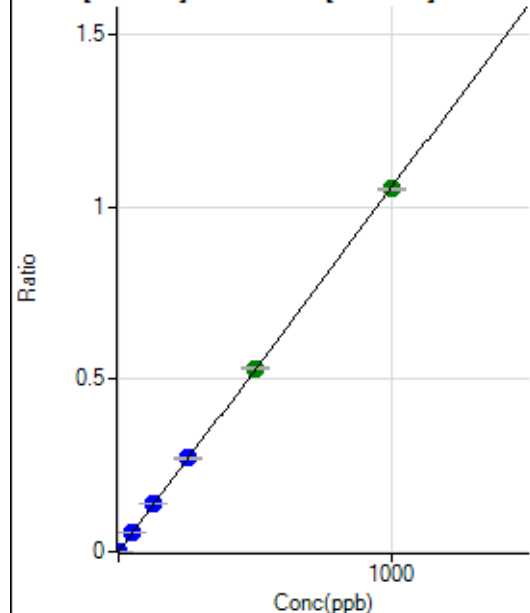
$$DL = 0.00496$$

$$BEC = 0.007848$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	477.80	0.0000	P	8.9
2	☐	1.000	0.974	11696.74	0.0011	P	1.5
3	☐	50.000	51.246	588919.68	0.0541	P	0.6
4	☐	125.000	130.069	1469987.36	0.1373	P	0.8
5	☐	250.000	256.769	2809111.63	0.2710	P	0.9
6	☐	500.000	502.728	5591196.78	0.5306	A	0.7
7	☐	1000.000	996.248	10588814.13	1.0514	A	0.4
8	☐			2919.83	0.0003	P	1.3

$$y = 0.0011 * x + 4.3967E-005$$

$$R = 1.0000$$

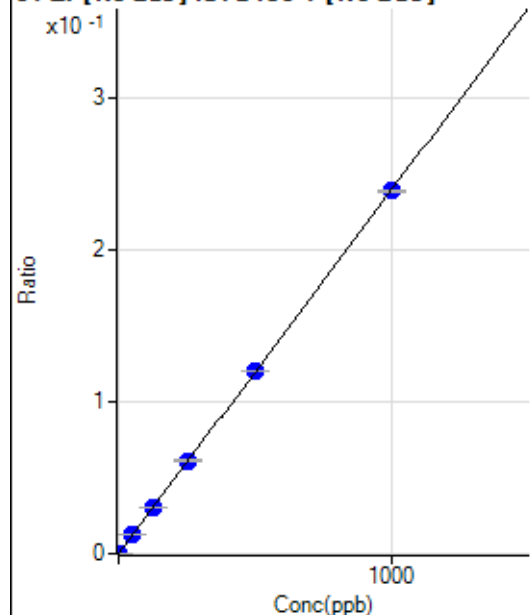
$$DL = 0.01115$$

$$BEC = 0.04166$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	116.67	0.0000	P	33.5
2	☐	1.000	0.971	2658.64	0.0002	P	1.3
3	☐	50.000	50.978	133090.81	0.0122	P	0.6
4	☐	125.000	127.830	328167.92	0.0307	P	0.4
5	☐	250.000	255.164	634142.38	0.0612	P	1.0
6	☐	500.000	501.355	1266606.68	0.1202	P	0.2
7	☐	1000.000	997.629	2409000.49	0.2392	P	0.5
8	☐			633.36	0.0001	P	8.5

$$y = 2.3974E-004 * x + 1.0767E-005$$

$$R = 1.0000$$

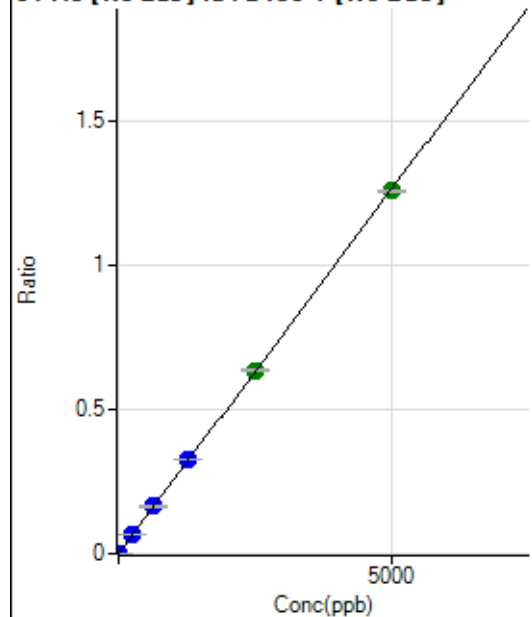
$$DL = 0.04515$$

$$BEC = 0.04491$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	200.01	0.0000	P	11.5
2	☐	5.000	5.073	14182.45	0.0013	P	2.8
3	☐	250.000	256.843	705479.40	0.0648	P	0.7
4	☐	625.000	648.688	1752783.13	0.1637	P	0.7
5	☐	1250.000	1294.027	3384931.19	0.3266	P	1.3
6	☐	2500.000	2512.428	6681866.38	0.6341	A	0.8
7	☐	5000.000	4979.476	12657802.89	1.2567	A	0.6
8	☐			3317.13	0.0003	P	4.9

$$y = 2.5238\text{E-}004 * x + 1.8423\text{E-}005$$

$$R = 0.9999$$

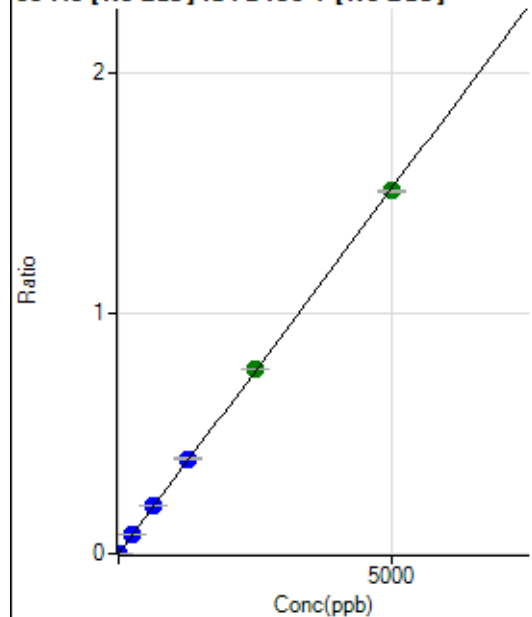
$$DL = 0.02522$$

$$BEC = 0.073$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	30.56	0.0000	P	41.8
2	☐	5.000	5.323	17700.19	0.0016	P	1.5
3	☐	250.000	258.433	855283.70	0.0786	P	0.0
4	☐	625.000	652.403	2124273.40	0.1984	P	0.7
5	☐	1250.000	1299.777	4097516.97	0.3953	P	1.0
6	☐	2500.000	2526.710	8098390.72	0.7685	A	0.6
7	☐	5000.000	4970.353	15227064.06	1.5118	A	0.7
8	☐			3892.30	0.0004	P	5.0

$$y = 3.0416\text{E-}004 * x + 2.8126\text{E-}006$$

$$R = 0.9999$$

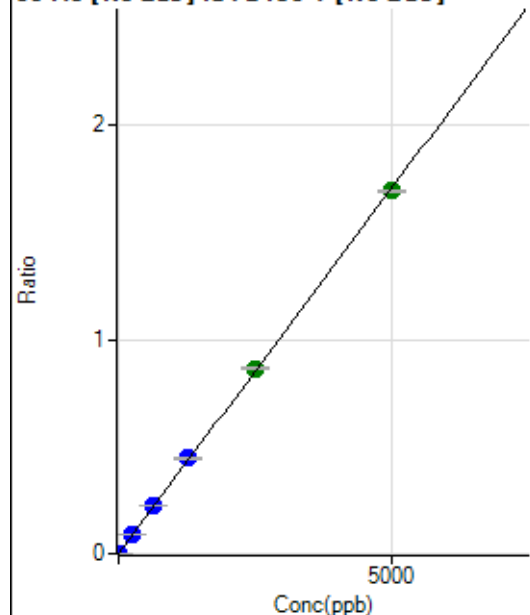
$$DL = 0.01159$$

$$BEC = 0.009247$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	102.78	0.0000	P	5.3
2	☐	5.000	5.294	19830.89	0.0018	P	1.3
3	☐	250.000	258.826	961435.32	0.0884	P	0.6
4	☐	625.000	650.675	2377861.01	0.2221	P	0.9
5	☐	1250.000	1304.558	4615865.12	0.4453	P	0.7
6	☐	2500.000	2531.171	9105134.58	0.8641	A	0.8
7	☐	5000.000	4967.124	17076298.12	1.6956	A	0.3
8	☐			5456.74	0.0006	P	6.1

$$y = 3.4137\text{E-}004 * x + 9.4661\text{E-}006$$

R = 0.9999

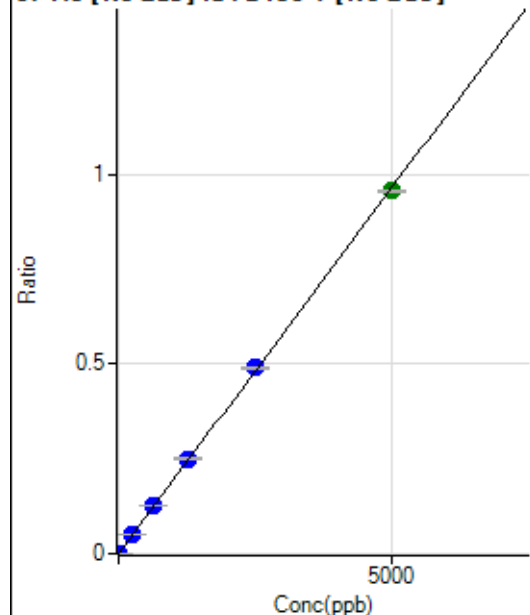
DL = 0.004401

BEC = 0.02773

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	22.22	0.0000	P	108.8
2	☐	5.000	5.331	11235.27	0.0010	P	2.3
3	☐	250.000	258.809	542418.51	0.0499	P	0.3
4	☐	625.000	649.617	1339410.48	0.1251	P	1.0
5	☐	1250.000	1299.481	2594381.46	0.2503	P	0.7
6	☐	2500.000	2541.766	5158939.61	0.4896	P	0.4
7	☐	5000.000	4963.229	9627819.05	0.9560	A	0.4
8	☐			2453.05	0.0003	P	2.9

$$y = 1.9262\text{E-}004 * x + 2.0547\text{E-}006$$

R = 0.9999

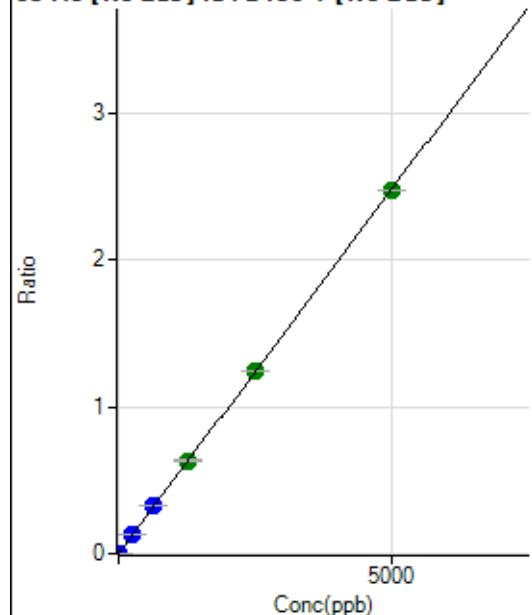
DL = 0.03481

BEC = 0.01067

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	55.56	0.0000	P	16.1
2	☐	5.000	5.304	28723.99	0.0026	P	1.8
3	☐	250.000	257.734	1388235.20	0.1276	P	0.2
4	☐	625.000	656.203	3477279.85	0.3248	P	1.0
5	☐	1250.000	1278.170	6558250.54	0.6327	A	0.9
6	☐	2500.000	2512.794	13107007.06	1.2439	A	0.4
7	☐	5000.000	4982.273	24839610.97	2.4664	A	0.2
8	☐			5987.51	0.0006	P	2.5

$$y = 4.9503\text{E-}004 * x + 5.1096\text{E-}006$$

$$R = 1.0000$$

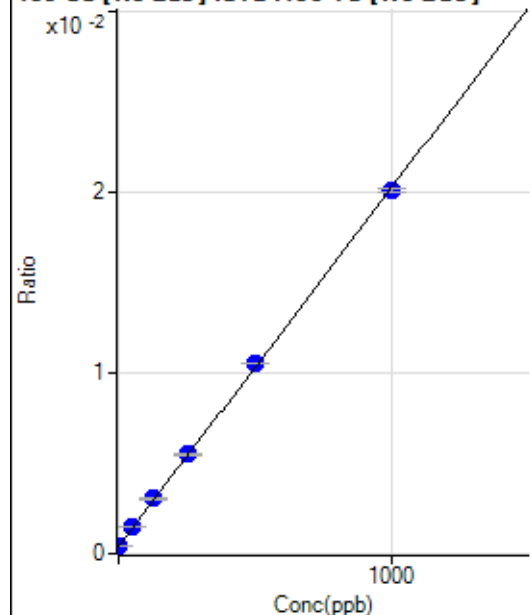
$$DL = 0.005$$

$$BEC = 0.01032$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3997.89	0.0004	P	2.0
2	☐	1.000	2.196	4384.14	0.0004	P	0.8
3	☐	50.000	54.549	14908.19	0.0015	P	3.1
4	☐	125.000	133.591	30552.95	0.0031	P	2.5
5	☐	250.000	257.833	55093.27	0.0055	P	1.4
6	☐	500.000	510.725	104852.52	0.0105	P	0.8
7	☐	1000.000	991.377	194953.70	0.0201	P	1.0
8	☐			3781.16	0.0004	P	2.1

$$y = 1.9876\text{E-}005 * x + 3.9611\text{E-}004$$

$$R = 0.9999$$

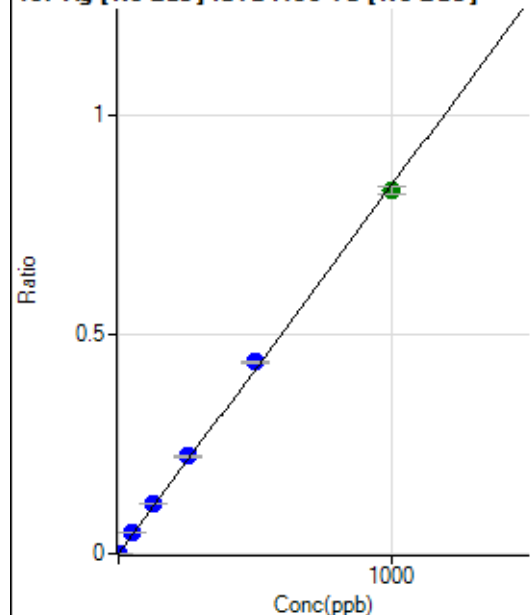
$$DL = 1.218$$

$$BEC = 19.93$$

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	75.00	0.0000	P	47.9
2	☐	1.000	1.104	9339.39	0.0009	P	1.1
3	☐	50.000	55.317	468801.66	0.0466	P	1.4
4	☐	125.000	136.538	1150593.31	0.1149	P	0.8
5	☐	250.000	263.758	2215078.85	0.2220	P	0.6
6	☐	500.000	519.533	4346506.13	0.4372	P	0.8
7	☐	1000.000	985.086	8040651.65	0.8290	A	2.2
8	☐			1869.62	0.0002	P	4.8

$$y = 8.4158\text{E-}004 * x + 7.4205\text{E-}006$$

$$R = 0.9996$$

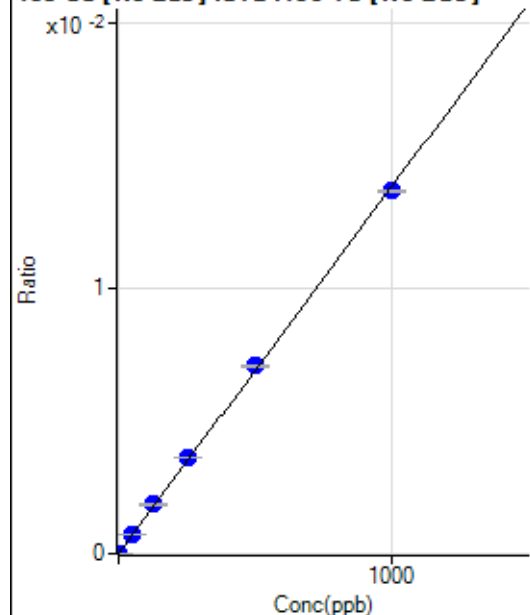
$$DL = 0.01268$$

$$BEC = 0.008817$$

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	27.78	0.0000	P	38.1
2	☐	1.000	0.920	154.17	0.0000	P	6.8
3	☐	50.000	54.435	7600.74	0.0008	P	1.6
4	☐	125.000	133.784	18537.22	0.0019	P	1.3
5	☐	250.000	260.057	35885.55	0.0036	P	0.1
6	☐	500.000	513.409	70548.84	0.0071	P	0.9
7	☐	1000.000	989.462	132627.77	0.0137	P	0.8
8	☐			105.56	0.0000	P	17.5

$$y = 1.3817\text{E-}005 * x + 2.7556\text{E-}006$$

$$R = 0.9998$$

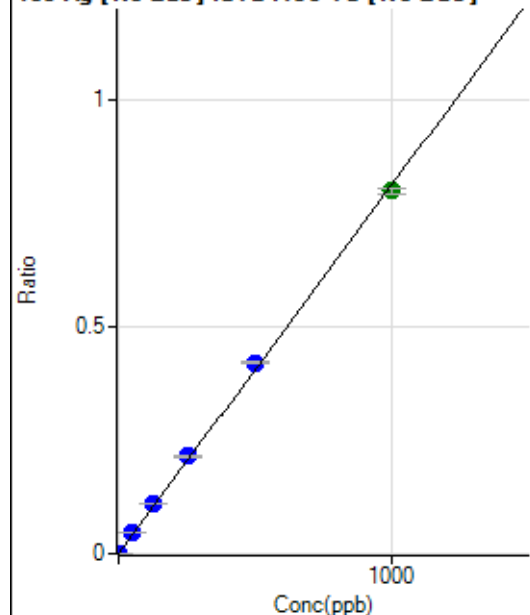
$$DL = 0.228$$

$$BEC = 0.1994$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	11.11	0.0000	P	114.8
2	☐	1.000	1.031	8347.10	0.0008	P	3.0
3	☐	50.000	55.332	452044.64	0.0449	P	0.8
4	☐	125.000	136.660	1110184.52	0.1109	P	0.4
5	☐	250.000	264.470	2141208.56	0.2146	P	1.1
6	☐	500.000	519.310	4188451.22	0.4213	P	0.7
7	☐	1000.000	985.003	7750946.70	0.7992	A	1.8
8	☐			1672.36	0.0002	P	9.7

$$y = 8.1133\text{E-}004 * x + 1.1005\text{E-}006$$

$$R = 0.9996$$

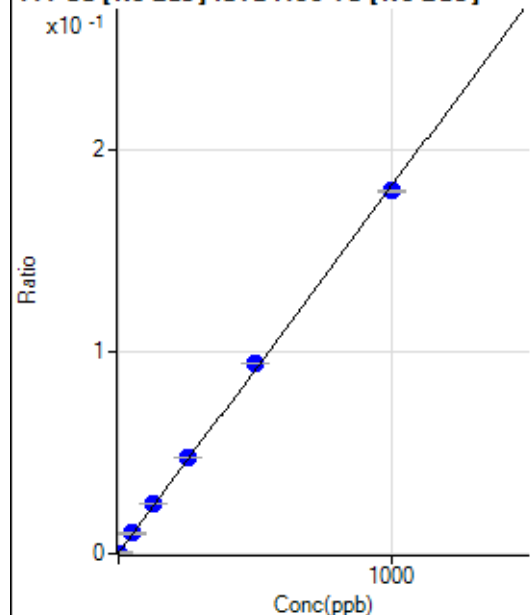
$$DL = 0.004672$$

$$BEC = 0.001356$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2804.08	0.0003	P	1.9
2	☐	1.000	1.063	4694.44	0.0005	P	3.2
3	☐	50.000	53.833	101212.48	0.0101	P	1.3
4	☐	125.000	133.664	245780.75	0.0245	P	0.8
5	☐	250.000	260.348	474477.57	0.0475	P	0.9
6	☐	500.000	517.574	936953.13	0.0943	P	0.8
7	☐	1000.000	987.351	1741443.64	0.1795	P	0.9
8	☐			3277.11	0.0003	P	2.6

$$y = 1.8157\text{E-}004 * x + 2.7783\text{E-}004$$

$$R = 0.9997$$

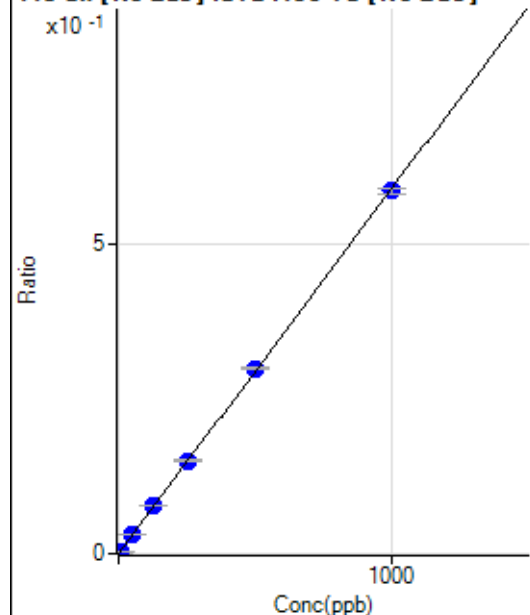
$$DL = 0.08528$$

$$BEC = 1.53$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	661.14	0.0001	P	6.4
2	☐	5.000	5.094	30639.45	0.0031	P	1.7
3	☐	50.000	52.452	312495.37	0.0310	P	1.1
4	☐	125.000	130.922	774653.14	0.0774	P	0.3
5	☐	250.000	254.634	1500951.87	0.1504	P	0.8
6	☐	500.000	506.542	2973896.72	0.2992	P	1.0
7	☐	1000.000	994.707	5696979.99	0.5874	P	1.7
8	☐			2091.88	0.0002	P	7.7

$$y = 5.9046\text{E-}004 * x + 6.5506\text{E-}005$$

$$R = 0.9999$$

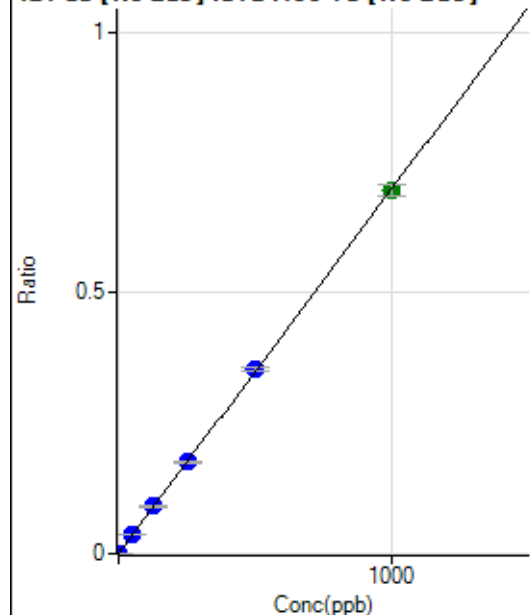
$$DL = 0.02144$$

$$BEC = 0.1109$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	105.56	0.0000	P	52.8
2	☐	2.000	2.087	14638.54	0.0015	P	4.0
3	☐	50.000	51.351	361251.56	0.0359	P	1.0
4	☐	125.000	129.888	908481.21	0.0907	P	1.5
5	☐	250.000	251.219	1750904.44	0.1755	P	2.1
6	☐	500.000	506.638	3517708.85	0.3539	P	2.1
7	☐	1000.000	995.698	6745322.37	0.6955	A	3.3
8	☐			3936.77	0.0004	P	7.1

$$y = 6.9849\text{E-}004 * x + 1.0475\text{E-}005$$

$$R = 1.0000$$

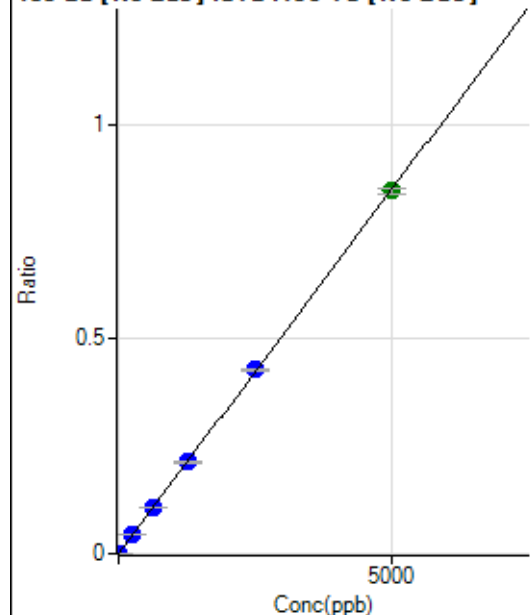
$$DL = 0.02376$$

$$BEC = 0.015$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	13.89	0.0000	P	69.7
2	☐	10.000	10.540	17839.65	0.0018	P	1.7
3	☐	250.000	257.249	439442.84	0.0436	P	1.5
4	☐	625.000	644.151	1094240.99	0.1093	P	0.8
5	☐	1250.000	1257.066	2128134.92	0.2133	P	0.9
6	☐	2500.000	2523.598	4256088.51	0.4281	P	1.0
7	☐	5000.000	4983.677	8200410.86	0.8455	A	1.8
8	☐			3072.64	0.0003	P	1.1

$$y = 1.6966\text{E-}004 * x + 1.3779\text{E-}006$$

$$R = 1.0000$$

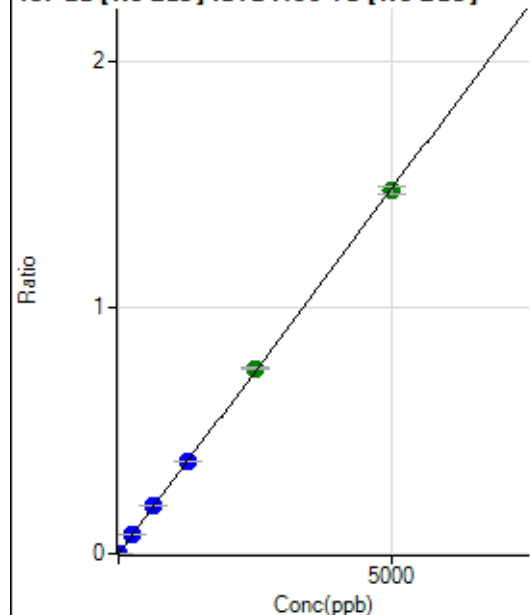
$$DL = 0.01697$$

$$BEC = 0.008122$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	19.44	0.0000	P	65.6
2	☐	10.000	10.536	31146.50	0.0031	P	2.9
3	☐	250.000	259.218	773602.55	0.0768	P	1.5
4	☐	625.000	648.661	1925085.92	0.1923	P	0.4
5	☐	1250.000	1265.468	3742858.03	0.3751	P	0.7
6	☐	2500.000	2538.280	7478909.72	0.7523	A	0.9
7	☐	5000.000	4973.573	14297168.90	1.4742	A	2.0
8	☐			5156.65	0.0005	P	5.4

$$y = 2.9640\text{E-}004 * x + 1.9286\text{E-}006$$

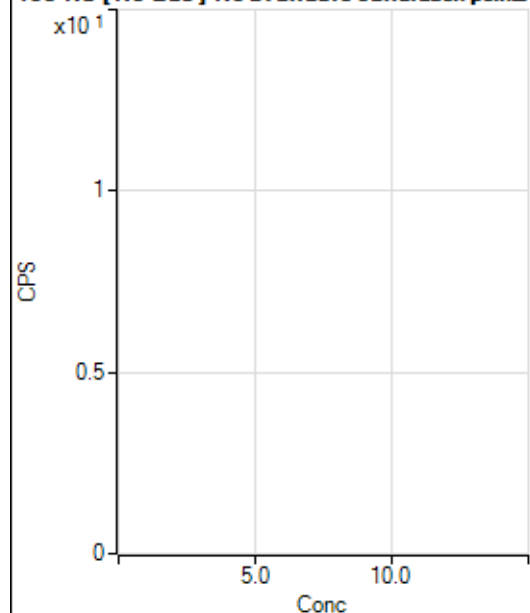
$$R = 0.9999$$

$$DL = 0.0128$$

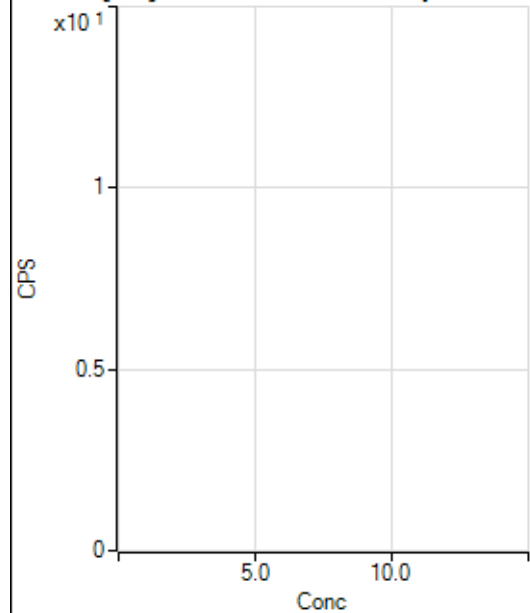
$$BEC = 0.006507$$

Weight: <None>

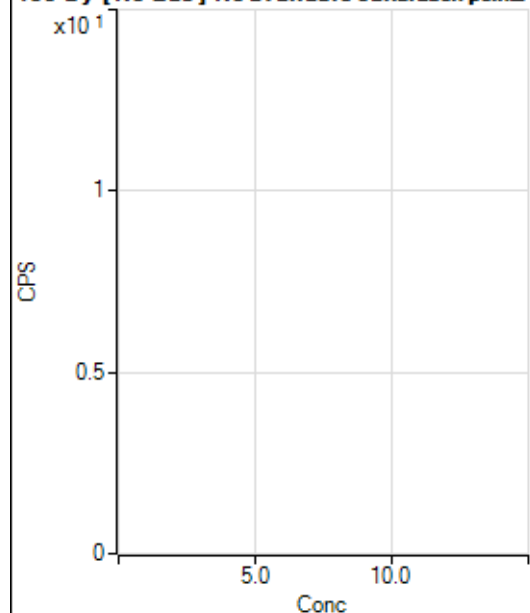
Min Conc: 0

150 Nd [No Gas] No available calibration points

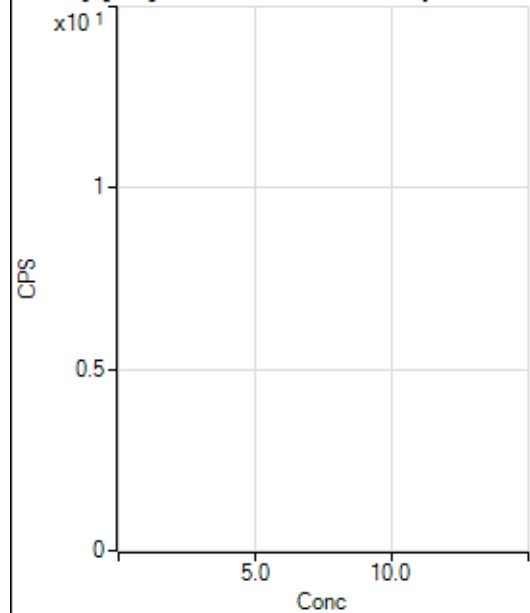
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.2
2	☐			4.44		P	173.2
3	☐			73.34		P	32.8
4	☐			113.33		P	45.9
5	☐			171.11		P	16.2
6	☐			391.13		P	11.1
7	☐			802.27		P	12.1
8	☐			33.33		P	20.0

150 Nd [He] No available calibration points

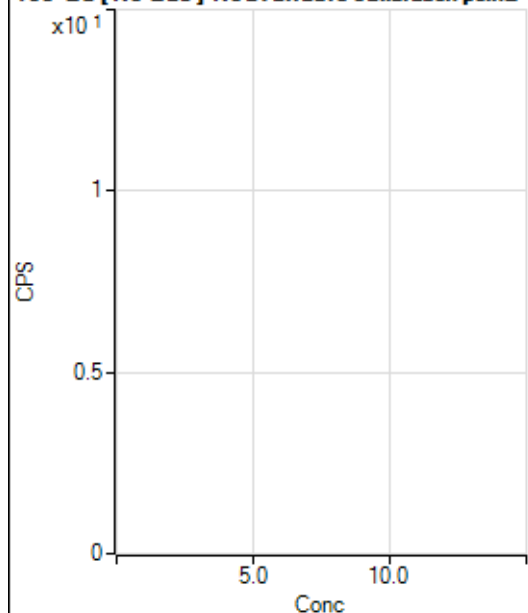
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			3.33		P	100.1
3	☐			3.33		P	0.0
4	☐			23.33		P	37.8
5	☐			26.67		P	66.2
6	☐			82.22		P	22.3
7	☐			150.01		P	13.9
8	☐			18.89		P	36.7

156 Dy [No Gas] No available calibration points

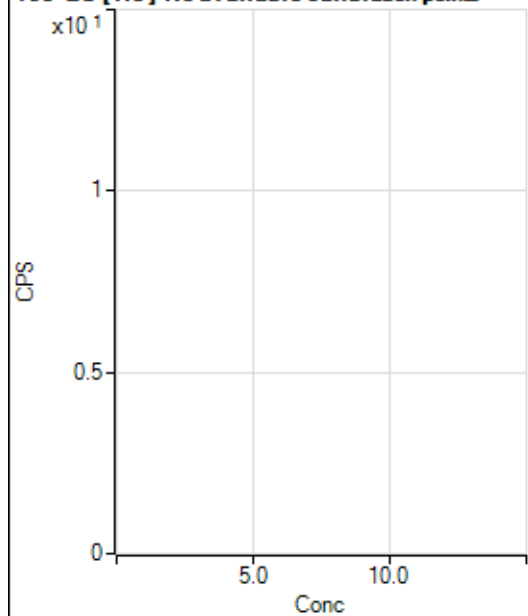
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.33		P	100.0
2	☐			2.78		P	173.2
3	☐			30.56		P	41.7
4	☐			80.56		P	39.2
5	☐			141.67		P	10.2
6	☐			291.68		P	15.1
7	☐			605.59		P	24.5
8	☐			1297.31		P	12.9

156 Dy [He] No available calibration points

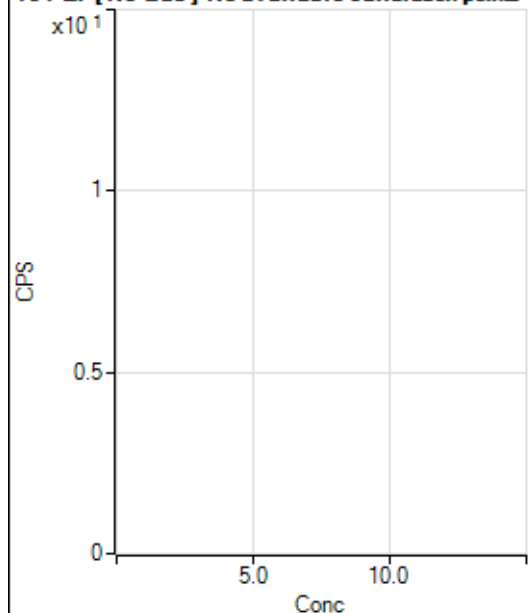
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.66		P	86.6
2	☐			2.22		P	86.6
3	☐			15.55		P	68.9
4	☐			45.55		P	15.2
5	☐			70.00		P	9.5
6	☐			153.34		P	5.8
7	☐			301.12		P	15.0
8	☐			662.24		P	4.6

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

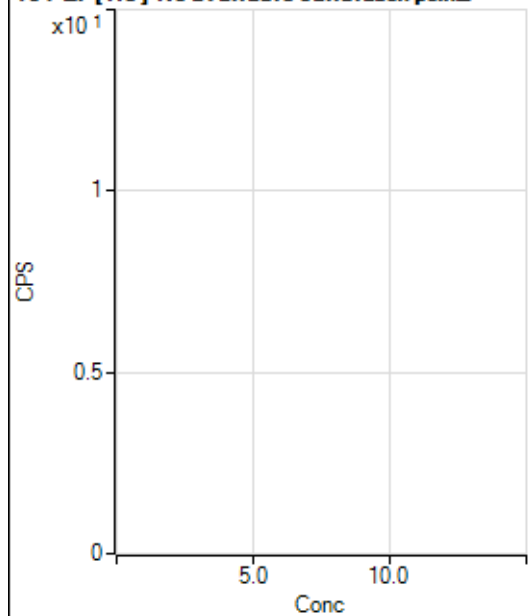
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			50.00		P	33.3
2	☐			61.11		P	7.9
3	☐			91.67		P	18.2
4	☐			111.11		P	30.3
5	☐			163.89		P	33.9
6	☐			302.79		P	29.2
7	☐			480.58		P	14.7
8	☐			1466.79		P	8.0

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			111.11		P	8.7
2	☐			121.11		P	13.6
3	☐			112.22		P	17.4
4	☐			151.11		P	7.7
5	☐			148.89		P	11.3
6	☐			267.78		P	10.7
7	☐			341.12		P	11.6
8	☐			927.82		P	8.1

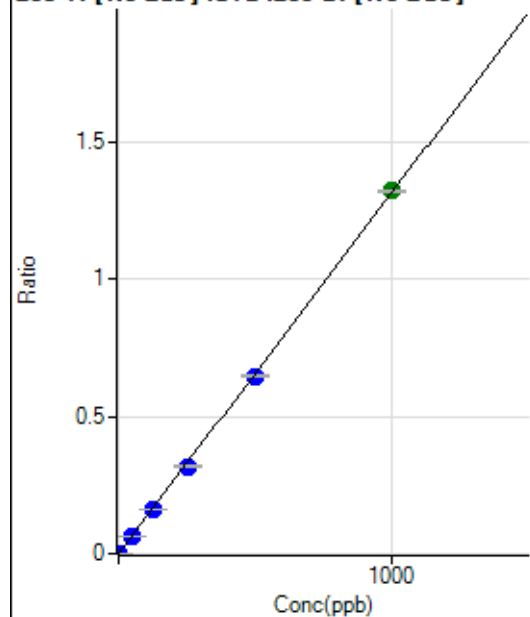
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			47.22		P	36.7
2	☐			58.33		P	51.5
3	☐			61.11		P	7.9
4	☐			97.23		P	19.8
5	☐			86.11		P	39.1
6	☐			144.45		P	21.8
7	☐			258.34		P	9.7
8	☐			322.24		P	16.4

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			26.67		P	25.0
2	☐			38.89		P	17.8
3	☐			21.11		P	9.1
4	☐			46.67		P	14.3
5	☐			46.67		P	28.6
6	☐			68.89		P	24.4
7	☐			91.11		P	15.2
8	☐			116.67		P	10.3

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	252.79	0.0000	P	35.1
2	☐	1.000	0.916	8575.20	0.0012	P	5.9
3	☐	50.000	48.933	446641.84	0.0642	P	1.6
4	☐	125.000	122.046	1104209.02	0.1602	P	0.4
5	☐	250.000	242.390	2202314.76	0.3181	P	1.7
6	☐	500.000	492.833	4318405.09	0.6467	P	0.7
7	☐	1000.000	1005.909	8538962.00	1.3200	A	0.7
8	☐			4353.61	0.0007	P	6.2

$$y = 0.0013 * x + 3.6415E-005$$

$$R = 0.9999$$

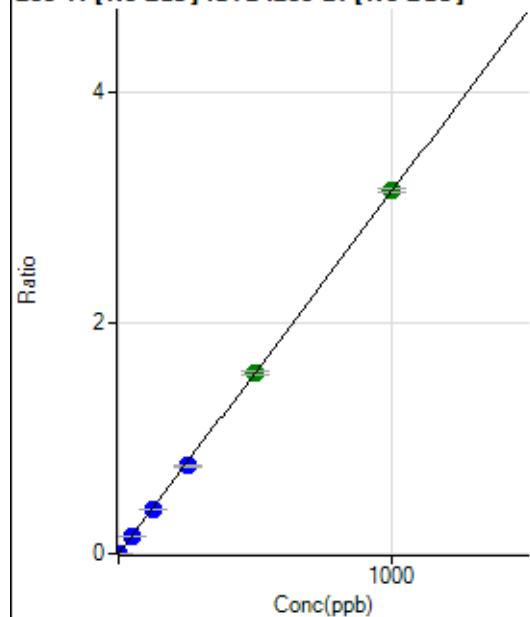
$$DL = 0.0292$$

$$BEC = 0.02775$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	605.59	0.0001	P	14.0
2	☐	1.000	0.945	21184.03	0.0031	P	4.7
3	☐	50.000	48.404	1058201.86	0.1522	P	1.8
4	☐	125.000	122.345	2651156.96	0.3846	P	0.3
5	☐	250.000	242.905	5286234.10	0.7635	P	1.8
6	☐	500.000	499.780	10487893.64	1.5709	A	1.4
7	☐	1000.000	1002.295	20378424.07	3.1502	A	1.1
8	☐			9898.34	0.0017	P	6.0

$$y = 0.0031 * x + 8.7328E-005$$

$$R = 1.0000$$

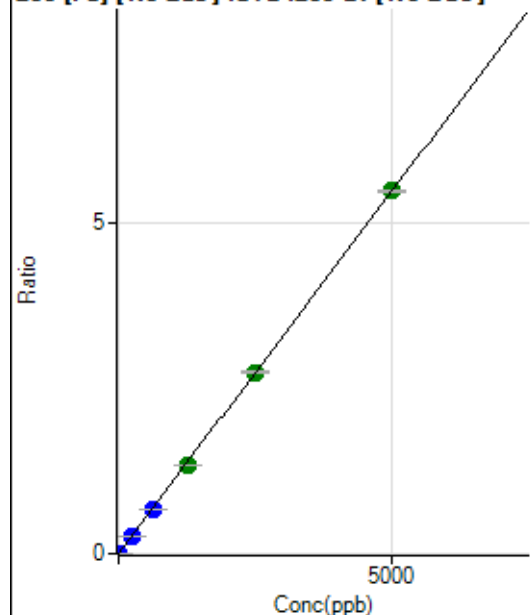
$$DL = 0.01168$$

$$BEC = 0.02779$$

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	822.26	0.0001	P	6.1
2	☐	1.000	0.950	8039.59	0.0012	P	2.8
3	☐	250.000	239.300	1824299.61	0.2624	P	1.2
4	☐	625.000	599.857	4533121.22	0.6576	P	0.8
5	☐	1250.000	1224.307	9292678.22	1.3421	A	1.3
6	☐	2500.000	2499.414	18292497.86	2.7397	A	1.0
7	☐	5000.000	5010.394	35527301.26	5.4920	A	0.7
8	☐			11132.63	0.0019	P	1.6

$$y = 0.0011 * x + 1.1864E-004$$

$$R = 1.0000$$

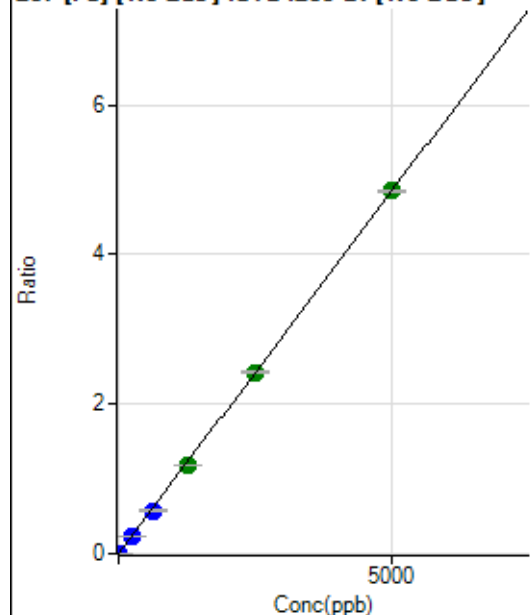
$$DL = 0.01994$$

$$BEC = 0.1082$$

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	707.44	0.0001	P	11.3
2	☐	1.000	0.920	6881.53	0.0010	P	2.4
3	☐	250.000	238.094	1604436.19	0.2308	P	0.4
4	☐	625.000	596.080	3981935.59	0.5776	P	0.7
5	☐	1250.000	1223.088	8205097.70	1.1851	A	1.7
6	☐	2500.000	2506.718	16216071.20	2.4287	A	0.9
7	☐	5000.000	5007.579	31385681.72	4.8517	A	0.4
8	☐			9464.61	0.0016	P	6.4

$$y = 9.6885E-004 * x + 1.0203E-004$$

$$R = 1.0000$$

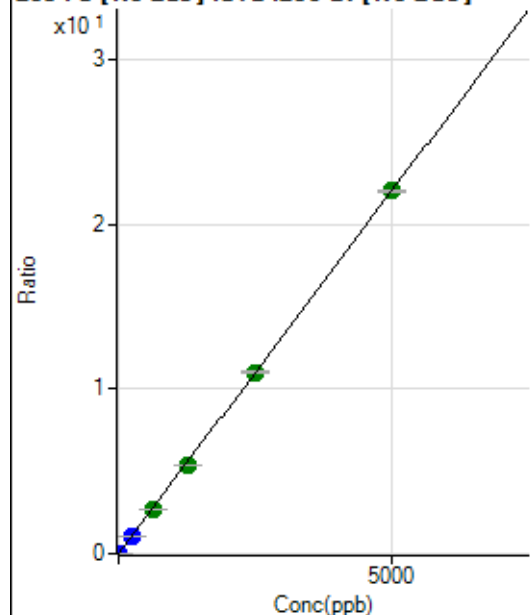
$$DL = 0.03573$$

$$BEC = 0.1053$$

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	3329.86	0.0005	P	3.2
2	☐	1.000	0.951	32367.95	0.0047	P	3.7
3	☐	250.000	239.350	7337833.72	1.0555	P	0.2
4	☐	625.000	609.409	18520967.22	2.6866	A	0.7
5	☐	1250.000	1224.233	37365937.00	5.3966	A	1.3
6	☐	2500.000	2506.793	73776204.19	11.0498	A	1.0
7	☐	5000.000	5005.527	142729343.0	22.0636	A	0.2
8	☐			44322.33	0.0075	P	3.2

$$y = 0.0044 * x + 4.8045E-004$$

$$R = 1.0000$$

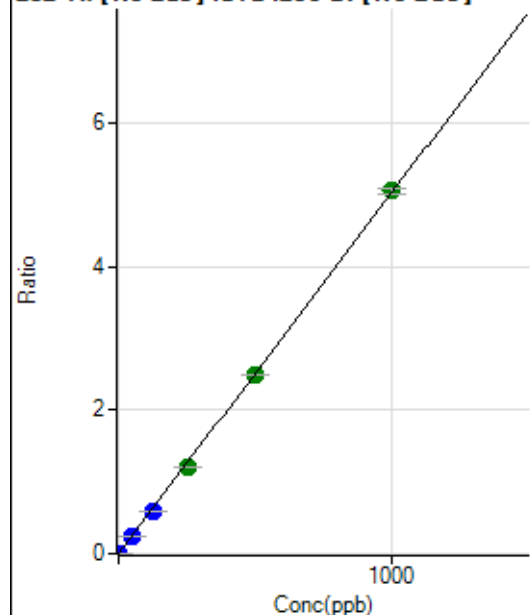
$$DL = 0.01057$$

$$BEC = 0.109$$

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	272.23	0.0000	P	38.6
2	☐	1.000	-0.001	231.49	0.0000	P	21.9
3	☐	50.000	45.504	1590717.16	0.2288	P	0.5
4	☐	125.000	116.355	4032808.69	0.5850	P	0.6
5	☐	250.000	240.131	8358359.39	1.2073	A	1.7
6	☐	500.000	495.290	16626933.01	2.4900	A	0.3
7	☐	1000.000	1006.129	32723049.11	5.0582	A	1.5
8	☐			2503.99	0.0004	P	8.4

$$y = 0.0050 * x + 3.9270E-005$$

$$R = 0.9999$$

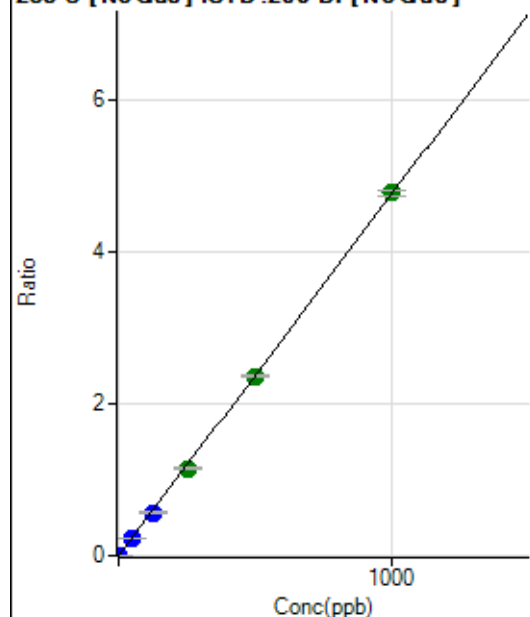
$$DL = 0.009036$$

$$BEC = 0.007811$$

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	30.56	0.0000	P	42.1
2	☐	1.000	0.907	29923.76	0.0043	P	2.3
3	☐	50.000	46.843	1548013.77	0.2227	P	0.8
4	☐	125.000	118.941	3897891.23	0.5654	P	1.6
5	☐	250.000	240.974	7929625.18	1.1454	A	2.5
6	☐	500.000	497.254	15782474.48	2.3636	A	0.8
7	☐	1000.000	1004.545	30891165.97	4.7750	A	1.7
8	☐			2911.51	0.0005	P	4.6

$$y = 0.0048 * x + 4.4149E-006$$

$$R = 0.9999$$

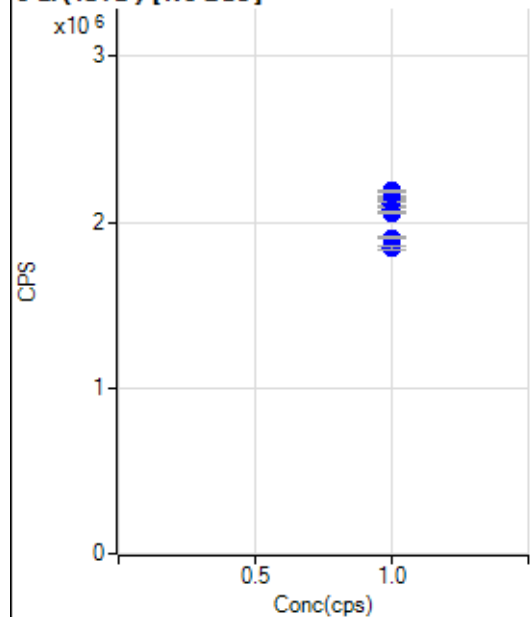
$$DL = 0.001174$$

$$BEC = 0.0009288$$

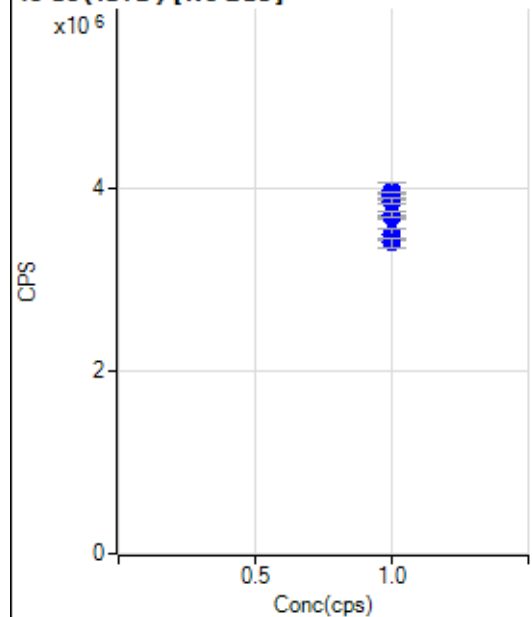
Weight: <None>

Min Conc: 0

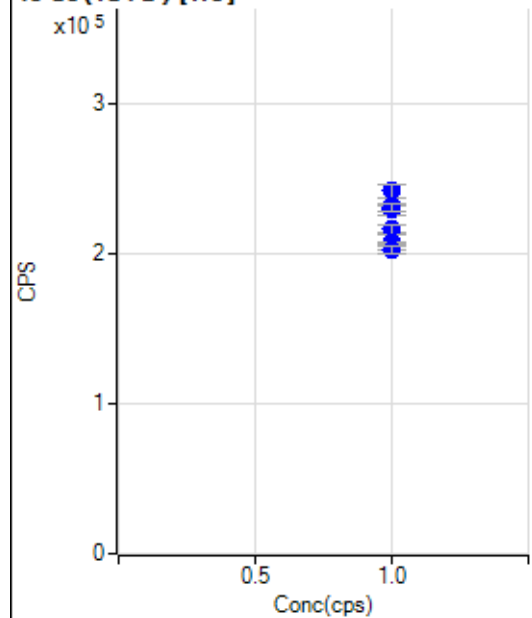
6 Li (ISTD) [No Gas]



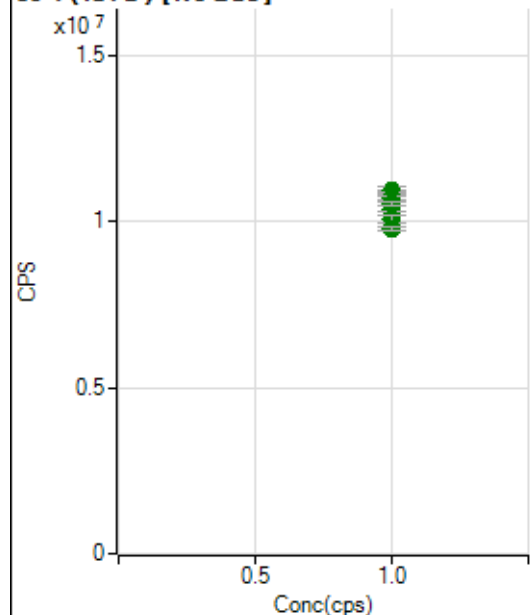
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		2148464.45		P	0.5
2	☐	1.000		2130217.00		P	0.8
3	☐	1.000		2188135.40		P	0.3
4	☐	1.000		2109255.18		P	1.2
5	☐	1.000		2075398.32		P	1.0
6	☐	1.000		2054309.22		P	0.4
7	☐	1.000		1907139.52		P	0.7
8	☐	1.000		1843749.87		P	0.8

45 Sc (ISTD) [No Gas]

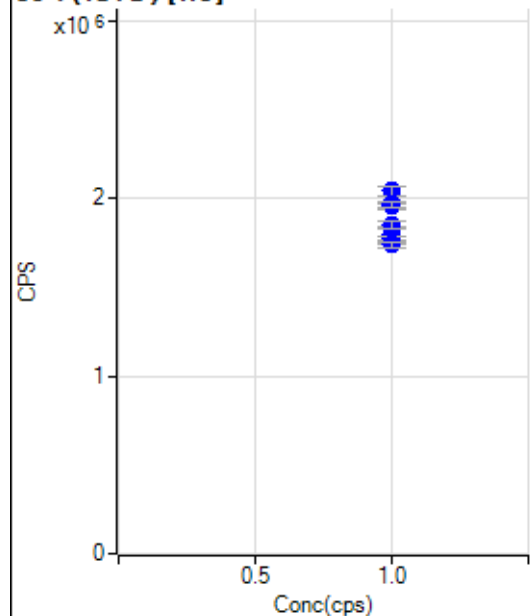
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3920564.80		P	1.2
2	☐	1.000		3982006.47		P	4.6
3	☐	1.000		3937347.27		P	1.1
4	☐	1.000		3868752.58		P	2.0
5	☐	1.000		3700391.44		P	1.2
6	☐	1.000		3723107.97		P	1.8
7	☐	1.000		3504980.67		P	3.6
8	☐	1.000		3409139.25		P	2.6

45 Sc (ISTD) [He]

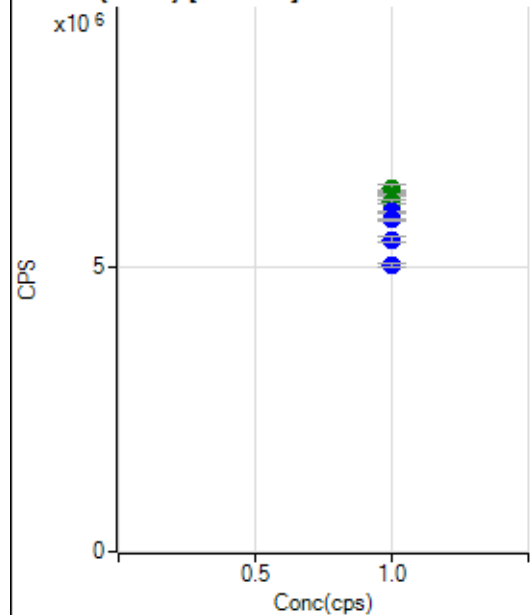
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		229122.38		P	2.6
2	☐	1.000		242152.37		P	3.7
3	☐	1.000		232805.96		P	0.6
4	☐	1.000		230748.11		P	2.1
5	☐	1.000		208146.78		P	5.7
6	☐	1.000		216540.25		P	3.0
7	☐	1.000		207440.26		P	0.9
8	☐	1.000		202747.43		P	2.3

89 Y (ISTD) [No Gas]

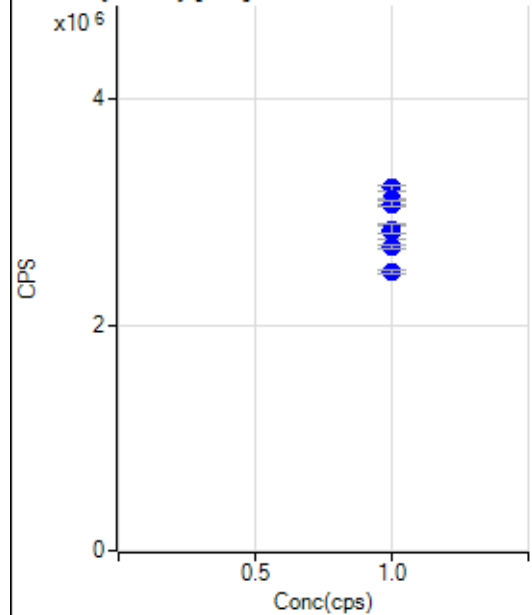
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		10860261.78		A	1.1
2	☐	1.000		10915775.46		A	2.7
3	☐	1.000		10880356.85		A	0.1
4	☐	1.000		10704784.08		A	1.5
5	☐	1.000		10365621.03		A	1.7
6	☐	1.000		10537096.37		A	1.0
7	☐	1.000		10071190.75		A	2.1
8	☐	1.000		9755877.49		A	1.2

89 Y (ISTD) [He]

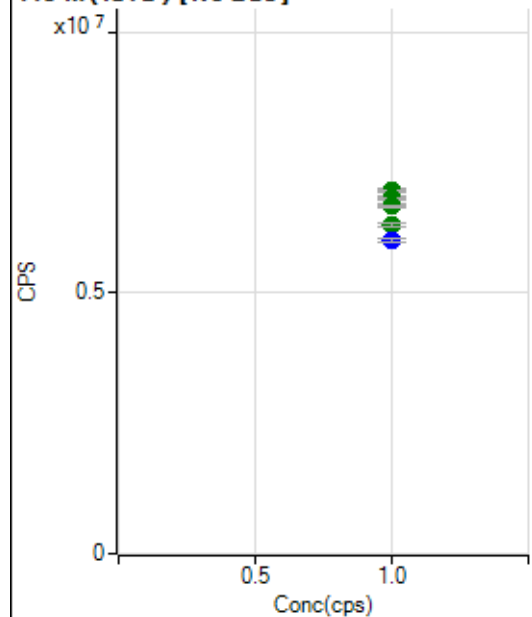
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		1955782.45		P	2.0
2	☐	1.000		2041380.92		P	2.7
3	☐	1.000		1972637.09		P	0.6
4	☐	1.000		1967339.12		P	1.6
5	☐	1.000		1793823.65		P	5.2
6	☐	1.000		1851547.90		P	2.5
7	☐	1.000		1776044.47		P	0.8
8	☐	1.000		1741085.64		P	1.9

103 Rh (ISTD) [No Gas]

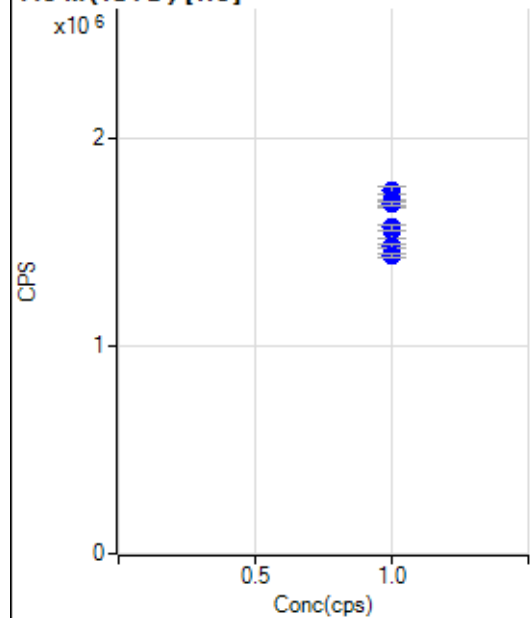
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		6318226.99		A	0.4
2	☐	1.000		6361590.18		A	2.8
3	☐	1.000		6245879.98		A	0.5
4	☐	1.000		6141800.60		A	1.4
5	☐	1.000		5955441.51		P	0.7
6	☐	1.000		5819671.93		P	0.7
7	☐	1.000		5477013.88		P	2.1
8	☐	1.000		5019881.59		P	1.6

103 Rh (ISTD) [He]

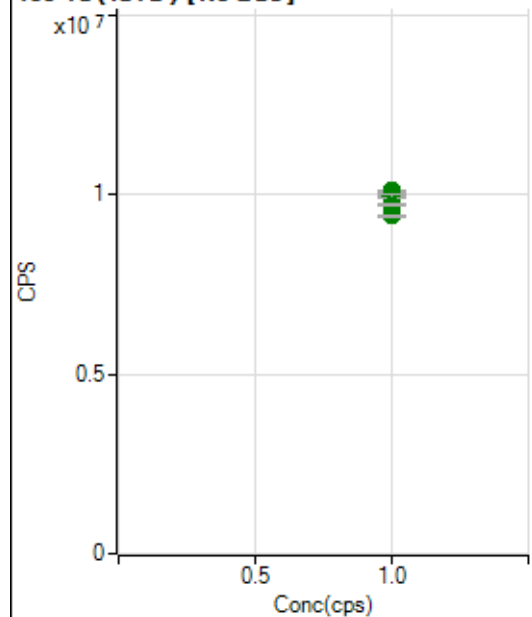
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		3092254.05		P	1.3
2	☐	1.000		3211745.54		P	1.8
3	☐	1.000		3107290.13		P	0.2
4	☐	1.000		3072354.29		P	1.3
5	☐	1.000		2823022.56		P	4.2
6	☐	1.000		2851026.97		P	2.7
7	☐	1.000		2693948.12		P	1.0
8	☐	1.000		2467512.15		P	1.6

115 In (ISTD) [No Gas]

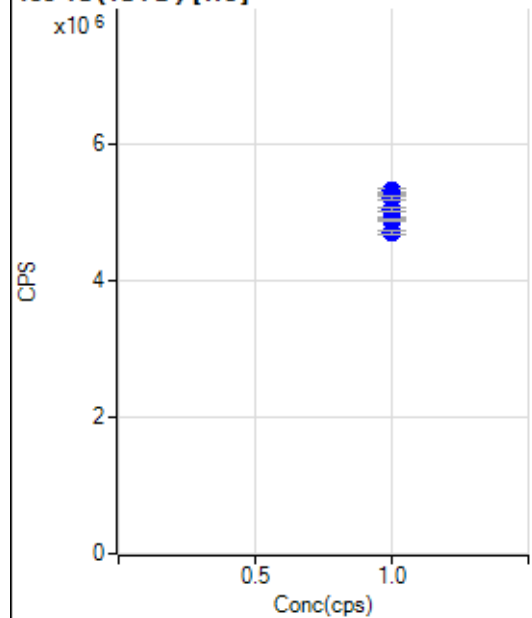
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6949320.01		A	0.7
2	☐	1.000		6940871.31		A	2.1
3	☐	1.000		6936510.16		A	0.7
4	☐	1.000		6809355.57		A	0.6
5	☐	1.000		6677459.39		A	1.1
6	☐	1.000		6650629.44		A	0.8
7	☐	1.000		6304961.35		A	1.4
8	☐	1.000		6000501.89		P	1.1

115 In (ISTD) [He]

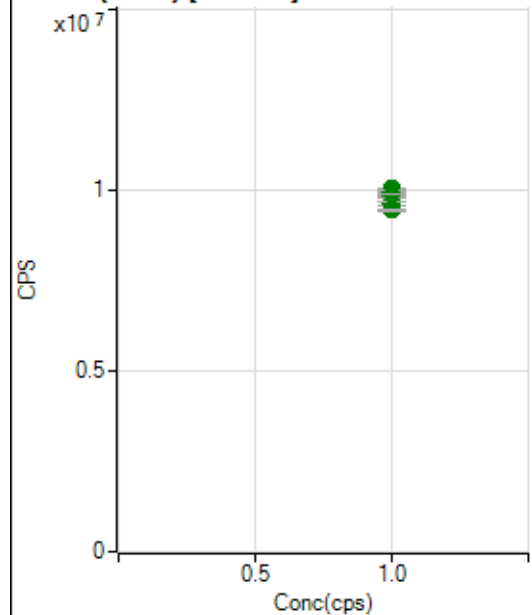
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1684298.75		P	1.9
2	☐	1.000		1744214.14		P	2.2
3	☐	1.000		1700119.58		P	0.4
4	☐	1.000		1682150.10		P	1.6
5	☐	1.000		1551892.09		P	4.0
6	☐	1.000		1569531.02		P	1.9
7	☐	1.000		1480600.56		P	1.0
8	☐	1.000		1433969.10		P	1.5

159 Tb (ISTD) [No Gas]

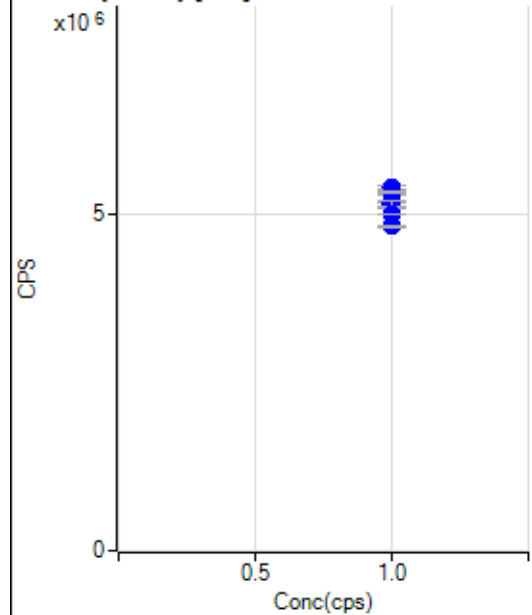
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10093237.14		A	0.5
2	☐	1.000		9969018.46		A	0.7
3	☐	1.000		10069347.63		A	0.9
4	☐	1.000		10012484.37		A	0.9
5	☐	1.000		9979133.05		A	1.1
6	☐	1.000		9941327.56		A	0.9
7	☐	1.000		9699073.81		A	0.6
8	☐	1.000		9400272.98		A	0.8

159 Tb (ISTD) [He]

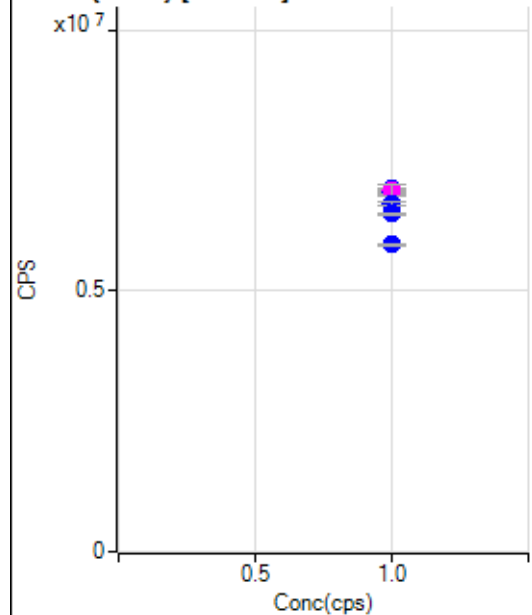
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5227198.88		P	1.3
2	☐	1.000		5317414.75		P	1.1
3	☐	1.000		5262040.58		P	0.2
4	☐	1.000		5219932.84		P	0.8
5	☐	1.000		5004467.36		P	2.5
6	☐	1.000		5045106.25		P	0.6
7	☐	1.000		4886008.50		P	0.7
8	☐	1.000		4700648.89		P	1.1

165 Ho (ISTD) [No Gas]

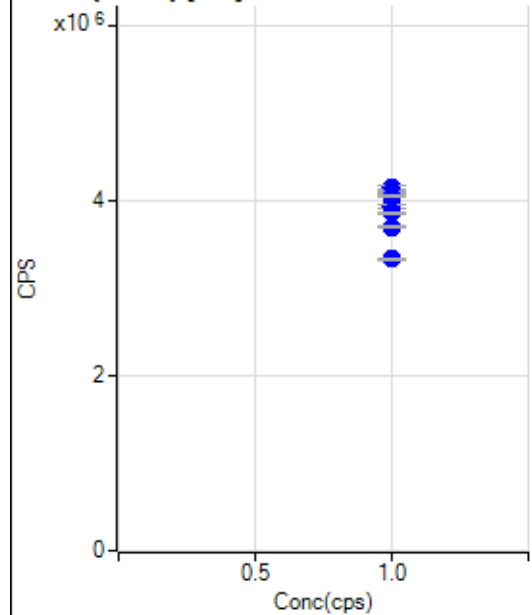
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9933306.52		A	0.7
2	☐	1.000		9868411.59		A	0.8
3	☐	1.000		10042538.26		A	0.6
4	☐	1.000		9956528.46		A	1.1
5	☐	1.000		9901070.55		A	1.7
6	☐	1.000		9840187.91		A	1.2
7	☐	1.000		9640649.09		A	1.0
8	☐	1.000		9451016.25		A	0.4

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5309904.05		P	0.9
2	☐	1.000		5394687.00		P	1.3
3	☐	1.000		5365214.75		P	0.1
4	☐	1.000		5333863.98		P	0.6
5	☐	1.000		5137732.04		P	1.9
6	☐	1.000		5164822.56		P	1.3
7	☐	1.000		5004216.52		P	0.3
8	☐	1.000		4820717.50		P	0.9

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6930854.48		P	0.7
2	☐	1.000		6932327.53		M	2.8
3	☐	1.000		6952121.98		P	0.6
4	☐	1.000		6893322.75		P	1.4
5	☐	1.000		6925894.83		M	3.4
6	☐	1.000		6677254.00		P	1.3
7	☐	1.000		6469019.00		P	0.5
8	☐	1.000		5884091.16		P	0.7

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4099093.69		P	0.9
2	☐	1.000		4144295.25		P	1.1
3	☐	1.000		4109707.47		P	0.3
4	☐	1.000		4052420.29		P	0.8
5	☐	1.000		3932003.41		P	1.2
6	☐	1.000		3859371.06		P	0.7
7	☐	1.000		3698479.91		P	0.3
8	☐	1.000		3328562.49		P	1.0

US EPA Tune Check Sample Report

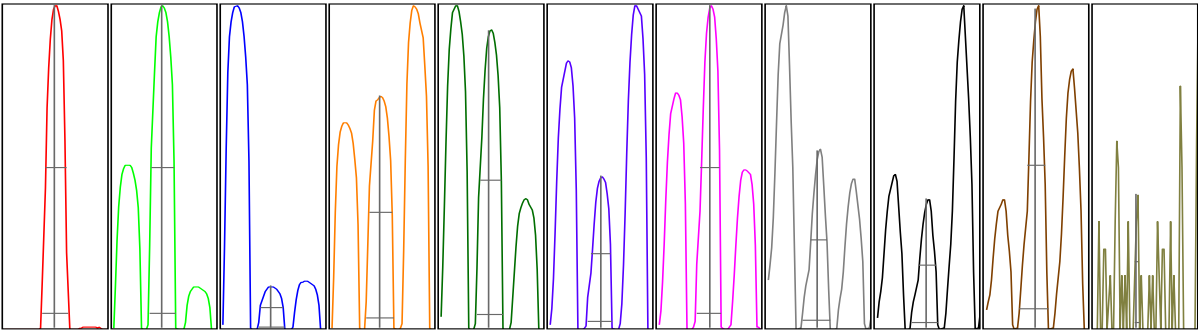
Batch Folder C:\Agilent\ICPMH\1\DATA\P7092421MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	6232	0.70	5.00	
24	61427	0.62	5.00	
25	8045	0.77	5.00	
26	9314	1.35	5.00	
59	14363	0.32	5.00	
113	9013	0.56	5.00	
115	25990	0.61	5.00	
206	14202	0.16	5.00	
207	12181	0.17	5.00	
208	29957	0.74	5.00	
220	0	50.00		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	6218	6283	6213	6268	6176
24	61084	61785	61823	61429	61015
25	8037	8122	8057	8058	7950
26	9254	9323	9257	9526	9209
59	14397	14393	14401	14305	14320
113	9075	9003	9024	9028	8935
115	26180	26134	25951	25849	25837
206	14233	14184	14219	14190	14185
207	12203	12170	12151	12193	12189
208	30005	29694	29759	30122	30204
220	0	0	0	0	0

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	10866	9.00	8.9 - 9.1		0.772	0.900	
24	97366	23.95	23.9 - 24.1		0.788	0.900	
25	12856	24.95	24.9 - 25.1		0.782	0.900	
26	14504	25.95	25.9 - 26.1		0.824	0.900	
59	23862	58.95	58.9 - 59.1		0.786	0.900	
113	16410	113.05	112.9 - 113.1		0.739	0.900	
115	47597	115.05	114.9 - 115.1		0.739	0.900	
206	29037	206.00	205.9 - 206.1		0.810	0.900	
207	24484	207.00	206.9 - 207.1		0.779	0.900	
208	60730	208.00	207.9 - 208.1		0.822	0.900	
220	0	219.75	-		0.144		

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.6	V	Deflect	13.8	V
Extract 2	-140.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-90	V	Cell Exit	-50	V			

Cell Parameters

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

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	4072	2.61	
89	21895	2.40	
205	15043	1.52	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	4247	4097	3983	4012	4023
89	22717	22126	21479	21609	21544
205	15451	14970	14929	14952	14914

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	8.7	V	Deflect	2.2	V
Extract 2	-195.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-95	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 :	LB116498	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 11:57:55	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.02	0.20	-0.18	0.00	N/A	ppb
Antimony	121-1	-0.01	0.01	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.01	0.02	-0.01	0.00	N/A	ppb
Barium	135-1	0.00	0.01	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.44	-0.35	-0.08	0.00	N/A	ppb
Boron	11-1	0.15	0.14	-0.29	0.00	N/A	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.01	0.03	-0.02	0.00	N/A	ppb
Cadmium	106-1	-0.17	0.46	-0.29	0.00	N/A	ppb
Cadmium	108-1	-0.08	0.07	0.01	0.00	N/A	ppb
Calcium	43-1	1.93	-1.16	-0.77	0.00	N/A	ppb
Calcium	44-1	-1.07	0.65	0.43	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.02	0.03	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.00	0.00	0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	-0.15	0.03	0.12	0.00	N/A	ppb
Iron	57-2	0.35	-0.18	-0.18	0.00	N/A	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 11:57:55	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	1.12	-1.53	0.41	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.01	-0.01	0.00	0.00	N/A	ppb
Lead	207-1	0.01	0.00	-0.01	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.07	0.04	-0.11	0.00	N/A	ppb
Manganese	55-2	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	94-1	-0.01	0.01	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	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	0.00	0.00	N/A	ppb
Phosphorus	31-2	4.28	-6.72	-3.41	-1.95		ppb
Potassium	39-2	-0.13	2.96	-2.83	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.20	0.47	-0.67	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.03	0.16	-0.13	0.00	N/A	ppb
Silicon	28-1	-1.52	-0.25	1.78	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	-0.48	-0.06	0.54	0.00	N/A	ppb
Strontium	86-1	0.00	0.03	-0.03	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-219.53	-379.44	-11.89	-203.62		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.01	0.00	-0.01	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 11:57:55	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	0.01	-0.01	0.00	N/A	ppb
Titanium	47-1	-0.02	0.00	0.01	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.05	0.02	0.03	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.01	0.00	-0.02	0.00	N/A	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 12:04:12	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23.71	20.26	21.70	21.89	7.90	ppb
Antimony	121-1	2.07	2.18	2.01	2.09	4.05	ppb
Arsenic	75-2	1.15	1.15	0.96	1.09	10.16	ppb
Barium	135-1	10.44	10.44	10.74	10.54	1.66	ppb
Barium	137-1	10.82	10.22	10.57	10.54	2.87	ppb
Beryllium	9-1	0.92	1.18	1.07	1.05	12.33	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	10-1	23.60	25.20	24.79	24.53	3.39	ppb
Boron	11-1	23.48	24.21	25.21	24.30	3.56	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.97	1.13	1.09	1.06	7.74	ppb
Cadmium	106-1	2.22	2.36	2.01	2.20	8.06	ppb
Cadmium	108-1	0.96	0.97	0.83	0.92	8.29	ppb
Calcium	43-1	517.88	505.76	512.18	511.94	1.18	ppb
Calcium	44-1	526.90	528.23	537.15	530.76	1.05	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.14	2.28	2.11	2.18	4.13	ppb
Cobalt	59-2	1.03	1.06	1.02	1.04	1.87	ppb
Copper	63-2	1.87	1.88	1.97	1.91	2.79	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				99		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				104		%
Iron	56-2	53.37	55.27	54.17	54.27	1.75	ppb
Iron	57-2	60.70	54.63	58.42	57.92	5.29	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 12:04:12	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	57.63	60.15	59.02	58.93	2.14	ppb
Krypton	83-1						cps
Lead	206-1	0.96	0.92	0.98	0.95	3.11	ppb
Lead	207-1	0.95	0.90	0.91	0.92	2.66	ppb
Lead	208-1	0.97	0.91	0.98	0.95	4.09	ppb
Lithium	6-1				99		%
Magnesium	24-2	509.34	501.13	490.05	500.17	1.94	ppb
Manganese	55-2	1.03	1.09	1.03	1.05	3.06	ppb
Molybdenum	94-1	4.93	5.22	5.07	5.07	2.89	ppb
Molybdenum	95-1	5.27	5.28	5.41	5.32	1.48	ppb
Molybdenum	96-1	5.23	5.29	5.37	5.29	1.28	ppb
Molybdenum	97-1	5.27	5.47	5.25	5.33	2.32	ppb
Molybdenum	98-1	5.31	5.40	5.21	5.30	1.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.18	1.18	0.96	1.11	11.59	ppb
Phosphorus	31-2	0.73	-4.75	9.88	1.95	378.67	ppb
Potassium	39-2	534.26	539.82	543.10	539.06	0.83	ppb
Rhodium	103-1				101		%
Rhodium	103-2				104		%
Scandium	45-1				102		%
Scandium	45-2				106		%
Selenium	82-1	5.63	5.69	5.16	5.50	5.27	ppb
Selenium	77-2	4.43	5.62	5.47	5.17	12.45	ppb
Selenium	78-2	5.16	4.89	4.24	4.77	9.95	ppb
Silicon	28-1	12.49	17.03	8.86	12.79	31.98	ppb
Silver	107-1	1.09	1.11	1.12	1.10	1.16	ppb
Silver	109-1	1.03	1.00	1.06	1.03	3.03	ppb
Sodium	23-2	509.03	507.16	507.56	507.91	0.19	ppb
Strontium	86-1	1.15	1.21	1.12	1.16	3.75	ppb
Strontium	88-1	1.12	1.12	1.15	1.13	1.66	ppb
Sulfur	34-1	320.64	674.56	-384.35	203.62	264.75	ppb
Terbium	159-1				99		%
Terbium	159-2				102		%
Thallium	203-1	0.93	0.85	0.96	0.92	6.08	ppb
Thallium	205-1	0.96	0.89	0.98	0.95	4.82	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 12:04:12	DataFile Name :	005CAL.S.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	4.99	5.14	5.15	5.09	1.77	ppb
Titanium	47-1	4.80	4.94	4.99	4.91	2.07	ppb
Uranium	238-1	0.91	0.89	0.93	0.91	2.30	ppb
Vanadium	51-2	5.27	5.24	4.97	5.16	3.16	ppb
Yttrium	89-1				101		%
Yttrium	89-2				104		%
Zinc	66-2	2.25	2.24	2.09	2.19	4.25	ppb
Zirconium	90-1	0.98	0.96	0.99	0.97	1.58	ppb
Zirconium	91-1	0.98	0.96	0.98	0.97	1.39	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 12:07:19	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1046.23	1057.95	1040.00	1048.06	0.87	ppb
Antimony	121-1	50.97	51.93	51.15	51.35	1.00	ppb
Arsenic	75-2	50.65	51.37	51.18	51.07	0.73	ppb
Barium	135-1	253.05	260.82	257.88	257.25	1.53	ppb
Barium	137-1	255.22	262.95	259.48	259.22	1.49	ppb
Beryllium	9-1	50.98	51.98	51.82	51.59	1.04	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	45.31	49.52	51.51	48.78	6.49	ppb
Boron	11-1	46.12	49.97	51.97	49.36	6.03	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	53.07	54.50	53.93	53.83	1.34	ppb
Cadmium	106-1	57.08	52.62	53.94	54.55	4.20	ppb
Cadmium	108-1	53.69	55.42	54.20	54.44	1.63	ppb
Calcium	43-1	5447.66	5501.13	5511.82	5486.87	0.63	ppb
Calcium	44-1	5433.58	5403.48	5466.68	5434.58	0.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51.56	51.91	51.93	51.80	0.40	ppb
Cobalt	59-2	52.11	52.56	52.20	52.29	0.46	ppb
Copper	63-2	526.68	528.52	528.63	527.95	0.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	56-2	2722.69	2725.38	2699.60	2715.89	0.52	ppb
Iron	57-2	2710.30	2711.99	2687.80	2703.36	0.50	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 12:07:19	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2805.32	2789.21	2756.67	2783.73	0.89	ppb
Krypton	83-1						cps
Lead	206-1	239.49	236.25	242.16	239.30	1.24	ppb
Lead	207-1	236.94	238.96	238.38	238.09	0.44	ppb
Lead	208-1	239.00	239.29	239.76	239.35	0.16	ppb
Lithium	6-1				102		%
Magnesium	24-2	5197.90	5227.39	5209.20	5211.50	0.29	ppb
Manganese	55-2	518.33	518.50	519.40	518.74	0.11	ppb
Molybdenum	94-1	256.02	258.96	255.55	256.84	0.72	ppb
Molybdenum	95-1	258.42	258.54	258.33	258.43	0.04	ppb
Molybdenum	96-1	257.23	259.19	260.06	258.83	0.56	ppb
Molybdenum	97-1	257.95	259.04	259.44	258.81	0.30	ppb
Molybdenum	98-1	257.06	258.17	257.98	257.73	0.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.77	54.51	53.25	53.85	1.17	ppb
Phosphorus	31-2	1081.40	1063.50	966.02	1036.98	5.99	ppb
Potassium	39-2	2764.42	2767.65	2773.16	2768.41	0.16	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				102		%
Selenium	82-1	52.70	54.90	53.51	53.70	2.07	ppb
Selenium	77-2	60.61	56.34	59.82	58.92	3.85	ppb
Selenium	78-2	53.19	50.74	55.49	53.14	4.47	ppb
Silicon	28-1	52.70	54.36	57.99	55.02	4.92	ppb
Silver	107-1	54.61	56.17	55.17	55.32	1.43	ppb
Silver	109-1	54.90	55.30	55.80	55.33	0.82	ppb
Sodium	23-2	5154.01	5157.94	5156.48	5156.15	0.04	ppb
Strontium	86-1	518.30	511.22	513.16	514.23	0.71	ppb
Strontium	88-1	507.92	504.88	513.89	508.89	0.90	ppb
Sulfur	34-1	932.55	780.38	784.25	832.40	10.42	ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	48.59	48.40	49.81	48.93	1.57	ppb
Thallium	205-1	48.47	47.51	49.23	48.40	1.77	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 12:07:19	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	45.22	45.60	45.69	45.50	0.54	ppb
Tin	118-1	51.87	53.02	52.46	52.45	1.10	ppb
Titanium	47-1	253.81	248.36	254.00	252.06	1.27	ppb
Uranium	238-1	46.67	46.57	47.29	46.84	0.84	ppb
Vanadium	51-2	51.32	51.08	50.64	51.01	0.68	ppb
Yttrium	89-1				100		%
Yttrium	89-2				101		%
Zinc	66-2	532.62	533.83	530.29	532.25	0.34	ppb
Zirconium	90-1	51.17	50.99	51.57	51.25	0.58	ppb
Zirconium	91-1	50.88	51.33	50.72	50.98	0.61	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 12:10:26	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2631.06	2636.63	2585.39	2617.69	1.07	ppb
Antimony	121-1	131.83	129.96	127.87	129.89	1.53	ppb
Arsenic	75-2	126.99	128.72	132.09	129.27	2.01	ppb
Barium	135-1	647.08	647.22	638.16	644.15	0.81	ppb
Barium	137-1	648.05	651.52	646.42	648.66	0.40	ppb
Beryllium	9-1	133.34	129.66	128.97	130.66	1.80	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Boron	10-1	121.99	127.85	129.74	126.52	3.19	ppb
Boron	11-1	120.25	127.07	129.72	125.68	3.89	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	132.49	134.11	134.40	133.66	0.77	ppb
Cadmium	106-1	136.00	135.56	129.21	133.59	2.84	ppb
Cadmium	108-1	133.83	135.45	132.08	133.78	1.26	ppb
Calcium	43-1	13866.23	13816.43	13863.30	13848.65	0.20	ppb
Calcium	44-1	13572.05	13713.62	13729.85	13671.84	0.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	129.49	130.29	128.45	129.41	0.71	ppb
Cobalt	59-2	130.63	131.18	129.56	130.46	0.63	ppb
Copper	63-2	1318.03	1319.39	1293.53	1310.32	1.11	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				98		%
Indium	115-2				100		%
Iron	56-2	6577.17	6559.10	6469.33	6535.20	0.88	ppb
Iron	57-2	6807.48	6779.76	6715.28	6767.51	0.70	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 12:10:26	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	6960.67	7025.01	6917.08	6967.59	0.78	ppb
Krypton	83-1						cps
Lead	206-1	601.68	594.47	603.43	599.86	0.79	ppb
Lead	207-1	591.74	596.84	599.65	596.08	0.67	ppb
Lead	208-1	604.28	611.98	611.97	609.41	0.73	ppb
Lithium	6-1				98		%
Magnesium	24-2	13044.41	13056.42	12931.73	13010.85	0.53	ppb
Manganese	55-2	1299.85	1303.67	1282.54	1295.35	0.87	ppb
Molybdenum	94-1	652.32	650.37	643.37	648.69	0.73	ppb
Molybdenum	95-1	657.03	652.26	647.92	652.40	0.70	ppb
Molybdenum	96-1	657.20	649.50	645.33	650.68	0.93	ppb
Molybdenum	97-1	656.53	644.30	648.01	649.62	0.97	ppb
Molybdenum	98-1	663.86	651.87	652.89	656.20	1.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	135.36	134.22	131.75	133.78	1.38	ppb
Phosphorus	31-2	2550.21	2643.98	2640.74	2611.65	2.04	ppb
Potassium	39-2	6887.38	6919.65	6909.65	6905.56	0.24	ppb
Rhodium	103-1				97		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				101		%
Selenium	82-1	130.95	132.34	134.92	132.74	1.52	ppb
Selenium	77-2	136.76	124.21	128.79	129.92	4.89	ppb
Selenium	78-2	127.39	132.70	131.42	130.50	2.12	ppb
Silicon	28-1	129.62	133.50	133.94	132.35	1.80	ppb
Silver	107-1	137.32	136.96	135.34	136.54	0.77	ppb
Silver	109-1	136.61	137.22	136.14	136.66	0.39	ppb
Sodium	23-2	12577.06	12583.16	12551.05	12570.42	0.14	ppb
Strontium	86-1	1290.98	1277.36	1287.64	1285.32	0.55	ppb
Strontium	88-1	1273.65	1276.54	1263.10	1271.10	0.56	ppb
Sulfur	34-1	2741.90	2373.23	2192.89	2436.01	11.49	ppb
Terbium	159-1				99		%
Terbium	159-2				100		%
Thallium	203-1	121.91	122.55	121.68	122.05	0.37	ppb
Thallium	205-1	122.82	122.12	122.10	122.34	0.34	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 12:10:26	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	115.53	116.58	116.95	116.35	0.64	ppb
Tin	118-1	131.44	130.67	130.66	130.92	0.34	ppb
Titanium	47-1	636.74	635.15	630.30	634.06	0.53	ppb
Uranium	238-1	116.86	120.60	119.37	118.94	1.60	ppb
Vanadium	51-2	128.40	128.11	127.91	128.14	0.19	ppb
Yttrium	89-1				99		%
Yttrium	89-2				101		%
Zinc	66-2	1310.14	1325.49	1302.00	1312.54	0.91	ppb
Zirconium	90-1	130.75	130.54	128.91	130.07	0.77	ppb
Zirconium	91-1	127.50	127.59	128.40	127.83	0.39	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 12:13:33	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5315.00	5241.71	5066.61	5207.77	2.45	ppb
Antimony	121-1	256.73	246.41	250.52	251.22	2.07	ppb
Arsenic	75-2	248.63	253.11	249.46	250.40	0.95	ppb
Barium	135-1	1270.59	1250.58	1250.03	1257.07	0.93	ppb
Barium	137-1	1275.41	1259.67	1261.32	1265.47	0.68	ppb
Beryllium	9-1	257.33	254.89	252.92	255.05	0.87	ppb
Bismuth	209-1				100		%
Bismuth	209-2				96		%
Boron	10-1	235.89	251.57	246.99	244.82	3.29	ppb
Boron	11-1	233.87	251.58	251.54	245.66	4.16	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	262.85	259.90	258.30	260.35	0.89	ppb
Cadmium	106-1	259.87	260.23	253.39	257.83	1.49	ppb
Cadmium	108-1	260.20	260.18	259.79	260.06	0.09	ppb
Calcium	43-1	27221.85	27246.61	26957.46	27141.97	0.59	ppb
Calcium	44-1	25083.37	24916.49	24977.91	24992.59	0.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	253.78	259.64	252.53	255.32	1.49	ppb
Cobalt	59-2	260.75	260.85	254.47	258.69	1.41	ppb
Copper	63-2	2606.68	2614.15	2546.26	2589.03	1.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				97		%
Indium	115-1				96		%
Indium	115-2				92		%
Iron	56-2	13175.96	13165.25	12826.02	13055.74	1.52	ppb
Iron	57-2	13600.26	13584.15	13223.27	13469.23	1.58	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 12:13:33	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	13965.88	13994.93	13620.02	13860.28	1.50	ppb
Krypton	83-1						cps
Lead	206-1	1228.60	1206.50	1237.82	1224.31	1.31	ppb
Lead	207-1	1226.42	1200.23	1242.62	1223.09	1.75	ppb
Lead	208-1	1230.19	1205.92	1236.59	1224.23	1.32	ppb
Lithium	6-1				97		%
Magnesium	24-2	25666.21	25440.31	24705.28	25270.60	1.99	ppb
Manganese	55-2	2603.87	2593.23	2530.56	2575.89	1.54	ppb
Molybdenum	94-1	1276.79	1296.33	1308.96	1294.03	1.25	ppb
Molybdenum	95-1	1286.33	1300.13	1312.87	1299.78	1.02	ppb
Molybdenum	96-1	1293.39	1308.77	1311.51	1304.56	0.75	ppb
Molybdenum	97-1	1292.66	1296.85	1308.94	1299.48	0.65	ppb
Molybdenum	98-1	1272.63	1270.30	1291.59	1278.17	0.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	265.16	262.72	257.21	261.70	1.56	ppb
Phosphorus	31-2	5360.28	5171.90	4967.79	5166.66	3.80	ppb
Potassium	39-2	13424.42	13792.50	13357.70	13524.87	1.73	ppb
Rhodium	103-1				94		%
Rhodium	103-2				91		%
Scandium	45-1				94		%
Scandium	45-2				91		%
Selenium	82-1	254.30	274.03	266.84	265.06	3.77	ppb
Selenium	77-2	280.75	273.26	262.22	272.08	3.43	ppb
Selenium	78-2	271.49	258.66	255.35	261.83	3.26	ppb
Silicon	28-1	262.14	275.27	281.61	273.01	3.64	ppb
Silver	107-1	265.23	262.25	263.79	263.76	0.57	ppb
Silver	109-1	267.35	264.73	261.33	264.47	1.14	ppb
Sodium	23-2	25649.26	25556.50	24864.24	25356.67	1.69	ppb
Strontium	86-1	2523.22	2565.40	2555.61	2548.07	0.87	ppb
Strontium	88-1	2511.55	2544.09	2524.07	2526.57	0.65	ppb
Sulfur	34-1	5269.69	4661.26	4605.88	4845.61	7.60	ppb
Terbium	159-1				99		%
Terbium	159-2				96		%
Thallium	203-1	244.34	237.75	245.08	242.39	1.67	ppb
Thallium	205-1	243.72	238.20	246.79	242.90	1.79	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 12:13:33	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	241.48	235.42	243.49	240.13	1.75	ppb
Tin	118-1	257.04	253.45	253.41	254.63	0.82	ppb
Titanium	47-1	1254.00	1258.54	1259.11	1257.22	0.22	ppb
Uranium	238-1	241.61	234.74	246.57	240.97	2.47	ppb
Vanadium	51-2	249.70	256.44	248.36	251.50	1.72	ppb
Yttrium	89-1				95		%
Yttrium	89-2				92		%
Zinc	66-2	2690.54	2628.97	2568.44	2629.31	2.32	ppb
Zirconium	90-1	254.40	257.11	258.79	256.77	0.86	ppb
Zirconium	91-1	252.16	256.89	256.44	255.16	1.02	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 12:26:40	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10228.71	10332.01	10251.57	10270.76	0.53	ppb
Antimony	121-1	512.66	512.88	494.38	506.64	2.10	ppb
Arsenic	75-2	505.22	504.21	502.99	504.14	0.22	ppb
Barium	135-1	2529.46	2546.50	2494.83	2523.60	1.04	ppb
Barium	137-1	2550.95	2552.81	2511.09	2538.28	0.93	ppb
Beryllium	9-1	511.06	506.00	500.92	505.99	1.00	ppb
Bismuth	209-1				96		%
Bismuth	209-2				94		%
Boron	10-1	502.63	504.90	528.60	512.04	2.81	ppb
Boron	11-1	494.70	504.29	521.54	506.84	2.68	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	518.99	521.03	512.70	517.57	0.84	ppb
Cadmium	106-1	515.43	506.97	509.77	510.73	0.84	ppb
Cadmium	108-1	518.49	511.45	510.28	513.41	0.86	ppb
Calcium	43-1	54002.74	54363.36	54661.98	54342.69	0.61	ppb
Calcium	44-1	50321.64	50164.82	50631.89	50372.78	0.47	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	504.39	507.70	504.21	505.43	0.39	ppb
Cobalt	59-2	504.35	510.79	506.07	507.07	0.66	ppb
Copper	63-2	5103.77	5179.19	5067.47	5116.81	1.11	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				96		%
Indium	115-2				93		%
Iron	56-2	25836.71	26091.00	25646.96	25858.23	0.86	ppb
Iron	57-2	26528.09	26736.82	26548.14	26604.35	0.43	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 12:26:40	DataFile Name :	012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	27079.43	27336.02	27220.12	27211.85	0.47	ppb
Krypton	83-1						cps
Lead	206-1	2527.65	2484.62	2485.97	2499.41	0.98	ppb
Lead	207-1	2530.47	2502.42	2487.27	2506.72	0.87	ppb
Lead	208-1	2535.64	2495.46	2489.28	2506.79	1.00	ppb
Lithium	6-1				96		%
Magnesium	24-2	50337.20	50651.68	50085.65	50358.17	0.56	ppb
Manganese	55-2	5031.78	5094.83	5051.78	5059.46	0.64	ppb
Molybdenum	94-1	2529.39	2515.75	2492.14	2512.43	0.75	ppb
Molybdenum	95-1	2537.77	2533.46	2508.90	2526.71	0.62	ppb
Molybdenum	96-1	2536.86	2547.28	2509.37	2531.17	0.77	ppb
Molybdenum	97-1	2543.35	2551.84	2530.10	2541.77	0.43	ppb
Molybdenum	98-1	2502.79	2520.03	2515.56	2512.79	0.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	509.70	516.02	507.91	511.21	0.83	ppb
Phosphorus	31-2	9749.39	10251.27	9969.27	9989.97	2.52	ppb
Potassium	39-2	25599.50	27183.41	25636.01	26139.64	3.46	ppb
Rhodium	103-1				92		%
Rhodium	103-2				92		%
Scandium	45-1				95		%
Scandium	45-2				95		%
Selenium	82-1	505.48	507.11	516.68	509.76	1.19	ppb
Selenium	77-2	508.25	524.62	519.88	517.58	1.63	ppb
Selenium	78-2	508.48	512.29	512.02	510.93	0.42	ppb
Silicon	28-1	493.69	503.28	511.05	502.67	1.73	ppb
Silver	107-1	520.52	522.85	515.22	519.53	0.75	ppb
Silver	109-1	521.92	521.14	514.87	519.31	0.74	ppb
Sodium	23-2	49948.26	50397.83	50566.83	50304.30	0.64	ppb
Strontium	86-1	5052.63	5050.71	5084.99	5062.78	0.38	ppb
Strontium	88-1	5033.23	5017.99	5040.75	5030.66	0.23	ppb
Sulfur	34-1	9885.91	9813.22	9785.04	9828.06	0.53	ppb
Terbium	159-1				98		%
Terbium	159-2				97		%
Thallium	203-1	494.07	489.03	495.40	492.83	0.68	ppb
Thallium	205-1	507.59	496.36	495.39	499.78	1.36	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 12:26:40	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	493.57	496.88	495.42	495.29	0.34	ppb
Tin	118-1	505.69	511.85	502.08	506.54	0.97	ppb
Titanium	47-1	2506.77	2513.22	2517.71	2512.57	0.22	ppb
Uranium	238-1	499.88	492.92	498.96	497.25	0.76	ppb
Vanadium	51-2	502.09	504.81	501.85	502.92	0.33	ppb
Yttrium	89-1				97		%
Yttrium	89-2				95		%
Zinc	66-2	5080.71	5162.15	5102.60	5115.15	0.82	ppb
Zirconium	90-1	506.44	499.84	501.90	502.73	0.67	ppb
Zirconium	91-1	499.99	502.11	501.97	501.35	0.24	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 12:29:46	DataFile Name :	013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20309.21	20319.35	20220.72	20283.09	0.27	ppb
Antimony	121-1	1026.41	960.85	999.83	995.70	3.31	ppb
Arsenic	75-2	1001.80	991.92	998.01	997.24	0.50	ppb
Barium	135-1	5056.53	4882.20	5012.30	4983.68	1.82	ppb
Barium	137-1	5015.44	4862.45	5042.83	4973.57	1.95	ppb
Beryllium	9-1	1015.69	976.68	992.49	994.95	1.97	ppb
Bismuth	209-1				93		%
Bismuth	209-2				90		%
Boron	10-1	955.96	998.29	1031.23	995.16	3.79	ppb
Boron	11-1	964.26	1003.08	1025.53	997.63	3.11	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	995.36	978.58	988.11	987.35	0.85	ppb
Cadmium	106-1	999.56	980.75	993.82	991.38	0.97	ppb
Cadmium	108-1	994.94	980.53	992.92	989.46	0.79	ppb
Calcium	43-1	105562.79	107617.22	108096.44	107092.15	1.26	ppb
Calcium	44-1	99282.01	100644.03	100882.63	100269.56	0.86	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	998.16	994.86	992.91	995.31	0.27	ppb
Cobalt	59-2	992.98	997.83	989.67	993.50	0.41	ppb
Copper	63-2	10001.61	9936.27	9793.33	9910.40	1.07	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				94		%
Indium	115-1				91		%
Indium	115-2				88		%
Iron	56-2	51252.98	50641.82	50296.72	50730.51	0.95	ppb
Iron	57-2	52129.55	52315.96	52101.81	52182.44	0.22	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 12:29:46	DataFile Name :	013CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	53773.15	53578.29	53393.88	53581.77	0.35	ppb
Krypton	83-1						cps
Lead	206-1	5048.28	4990.21	4992.69	5010.39	0.66	ppb
Lead	207-1	5006.53	5027.35	4988.85	5007.58	0.38	ppb
Lead	208-1	5016.73	4995.82	5004.03	5005.53	0.21	ppb
Lithium	6-1				89		%
Magnesium	24-2	99690.16	98033.92	98386.94	98703.67	0.88	ppb
Manganese	55-2	9991.61	9976.94	9865.52	9944.69	0.69	ppb
Molybdenum	94-1	5014.33	4951.69	4972.41	4979.48	0.64	ppb
Molybdenum	95-1	5007.90	4936.01	4967.14	4970.35	0.73	ppb
Molybdenum	96-1	4949.35	4971.17	4980.85	4967.12	0.32	ppb
Molybdenum	97-1	4946.79	4958.22	4984.68	4963.23	0.39	ppb
Molybdenum	98-1	4983.76	4973.26	4989.80	4982.27	0.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	992.09	991.70	986.75	990.18	0.30	ppb
Phosphorus	31-2	20170.85	19761.58	19910.20	19947.54	1.04	ppb
Potassium	39-2	49510.72	49025.82	49083.83	49206.79	0.54	ppb
Rhodium	103-1				87		%
Rhodium	103-2				87		%
Scandium	45-1				89		%
Scandium	45-2				91		%
Selenium	82-1	958.29	1010.86	1001.46	990.20	2.83	ppb
Selenium	77-2	982.10	1014.41	957.38	984.63	2.90	ppb
Selenium	78-2	991.79	975.48	1004.94	990.73	1.49	ppb
Silicon	28-1	956.86	994.50	1023.79	991.71	3.38	ppb
Silver	107-1	1006.47	962.24	986.54	985.09	2.25	ppb
Silver	109-1	1000.04	965.48	989.49	985.00	1.80	ppb
Sodium	23-2	100460.33	99193.01	99629.82	99761.05	0.65	ppb
Strontium	86-1	9820.47	10010.55	10023.38	9951.47	1.14	ppb
Strontium	88-1	9868.71	10109.45	9946.69	9974.95	1.23	ppb
Sulfur	34-1	20224.57	19990.47	20207.81	20140.95	0.65	ppb
Terbium	159-1				96		%
Terbium	159-2				93		%
Thallium	203-1	1004.22	1013.30	1000.20	1005.91	0.67	ppb
Thallium	205-1	1013.57	992.34	1000.98	1002.30	1.07	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 12:29:46	DataFile Name :	013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	989.78	1018.31	1010.29	1006.13	1.46	ppb
Tin	118-1	1004.66	975.03	1004.43	994.71	1.71	ppb
Titanium	47-1	4984.40	4930.23	5057.41	4990.68	1.28	ppb
Uranium	238-1	985.11	1016.83	1011.69	1004.54	1.69	ppb
Vanadium	51-2	1003.11	996.84	993.22	997.72	0.50	ppb
Yttrium	89-1				93		%
Yttrium	89-2				91		%
Zinc	66-2	9889.94	9913.33	9898.73	9900.66	0.12	ppb
Zirconium	90-1	992.48	999.58	996.69	996.25	0.36	ppb
Zirconium	91-1	1001.19	992.06	999.64	997.63	0.49	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 12:32:43	DataFile Name :	014CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99805.70	99908.76	99993.02	99902.49	0.09	ppb
Antimony	121-1	0.54	0.63	0.58	0.58	7.27	ppb
Arsenic	75-2	0.31	0.33	0.40	0.35	13.94	ppb
Barium	135-1	1.89	1.93	1.93	1.92	1.08	ppb
Barium	137-1	1.89	1.92	1.73	1.84	5.41	ppb
Beryllium	9-1	0.19	0.16	0.21	0.18	13.93	ppb
Bismuth	209-1				85		%
Bismuth	209-2				81		%
Boron	10-1	38.81	37.08	32.81	36.23	8.52	ppb
Boron	11-1	37.53	33.98	33.27	34.92	6.54	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.44	0.40	0.34	0.39	13.04	ppb
Cadmium	106-1	0.80	0.15	-0.02	0.31	140.47	ppb
Cadmium	108-1	0.69	0.45	0.70	0.61	23.25	ppb
Calcium	43-1	491163.31	501695.29	501146.22	498001.61	1.19	ppb
Calcium	44-1	493285.85	504694.66	501646.01	499875.51	1.18	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.05	3.06	2.92	3.01	2.57	ppb
Cobalt	59-2	2.41	2.44	2.38	2.41	1.40	ppb
Copper	63-2	1.90	1.98	1.97	1.95	2.28	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				95		%
Holmium	165-2				91		%
Indium	115-1				86		%
Indium	115-2				85		%
Iron	56-2	248128.99	251454.78	249609.23	249731.00	0.67	ppb
Iron	57-2	248602.85	251175.19	248240.89	249339.64	0.64	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 12:32:43	DataFile Name :	014CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	247670.19	251767.69	247483.12	248973.67	0.97	ppb
Krypton	83-1						cps
Lead	206-1	1.59	1.63	1.64	1.62	1.66	ppb
Lead	207-1	1.47	1.52	1.67	1.56	6.84	ppb
Lead	208-1	1.54	1.62	1.64	1.60	3.37	ppb
Lithium	6-1				86		%
Magnesium	24-2	499033.34	503360.08	498191.67	500195.03	0.55	ppb
Manganese	55-2	10.22	9.94	10.26	10.14	1.74	ppb
Molybdenum	94-1	1.35	1.24	1.23	1.27	5.15	ppb
Molybdenum	95-1	1.35	1.33	1.23	1.30	5.01	ppb
Molybdenum	96-1	1.71	1.62	1.51	1.61	6.19	ppb
Molybdenum	97-1	1.31	1.32	1.25	1.29	2.93	ppb
Molybdenum	98-1	1.25	1.25	1.19	1.23	2.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.53	3.62	3.40	3.52	3.09	ppb
Phosphorus	31-2	7.59	-10.95	14.08	3.57	363.54	ppb
Potassium	39-2	249544.27	249788.91	250589.67	249974.28	0.22	ppb
Rhodium	103-1				79		%
Rhodium	103-2				80		%
Scandium	45-1				87		%
Scandium	45-2				88		%
Selenium	82-1	0.57	0.04	0.06	0.22	134.22	ppb
Selenium	77-2	0.00	0.54	0.00	0.18	173.21	ppb
Selenium	78-2	0.03	-0.11	0.75	0.22	208.84	ppb
Silicon	28-1	71.66	86.33	89.94	82.64	11.71	ppb
Silver	107-1	0.23	0.21	0.23	0.23	4.96	ppb
Silver	109-1	0.22	0.19	0.24	0.22	9.77	ppb
Sodium	23-2	499693.54	501450.89	498844.16	499996.20	0.27	ppb
Strontium	86-1	4.28	3.94	3.99	4.07	4.58	ppb
Strontium	88-1	3.91	3.94	3.95	3.93	0.62	ppb
Sulfur	34-1	-167.78	-286.54	-340.16	-264.82		ppb
Terbium	159-1				93		%
Terbium	159-2				90		%
Thallium	203-1	0.56	0.55	0.50	0.54	6.48	ppb
Thallium	205-1	0.53	0.52	0.47	0.51	6.35	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 12:32:43	DataFile Name :	014CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.08	0.08	0.07	0.08	9.25	ppb
Tin	118-1	0.27	0.29	0.23	0.27	10.97	ppb
Titanium	47-1	1.02	0.80	0.97	0.93	12.21	ppb
Uranium	238-1	0.11	0.10	0.10	0.10	4.67	ppb
Vanadium	51-2	0.19	0.21	0.18	0.19	8.44	ppb
Yttrium	89-1				90		%
Yttrium	89-2				89		%
Zinc	66-2	16.89	17.88	17.08	17.28	3.05	ppb
Zirconium	90-1	0.24	0.24	0.24	0.24	1.53	ppb
Zirconium	91-1	0.24	0.20	0.24	0.23	10.15	ppb

LB Number : LB116498 Operator : JASWAL
 Lab Sample ID : ICV04 Instrumnet Name : P7
 Client Sample ID : ICV04 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-24 12:38:51 DataFile Name : 015ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	538.98	519.78	516.91	525.22	2.28	ppb
Antimony	121-1	201.04	203.97	201.93	202.31	0.74	ppb
Arsenic	75-2	206.84	209.28	206.68	207.60	0.70	ppb
Barium	135-1	102.82	103.64	102.95	103.14	0.43	ppb
Barium	137-1	102.20	105.29	104.82	104.10	1.60	ppb
Beryllium	9-1	101.71	100.78	101.56	101.35	0.49	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Boron	10-1	12.41	13.25	11.58	12.41	6.76	ppb
Boron	11-1	11.77	10.83	10.78	11.12	5.02	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	103.28	107.28	106.28	105.61	1.97	ppb
Cadmium	106-1	84.80	86.58	82.35	84.58	2.51	ppb
Cadmium	108-1	93.88	88.53	87.98	90.13	3.61	ppb
Calcium	43-1	2025.82	2034.61	2033.79	2031.41	0.24	ppb
Calcium	44-1	2079.53	2082.47	2069.92	2077.31	0.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	105.13	102.68	102.08	103.30	1.57	ppb
Cobalt	59-2	106.64	104.45	104.29	105.13	1.25	ppb
Copper	63-2	104.06	103.15	103.41	103.54	0.45	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				102		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				103		%
Iron	56-2	2138.91	2111.15	2101.38	2117.15	0.92	ppb
Iron	57-2	2135.57	2087.15	2079.87	2100.86	1.44	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	ICV04	Instrumnet Name :	P7
Client Sample ID :	ICV04	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 12:38:51	DataFile Name :	015ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2215.86	2208.22	2186.86	2203.65	0.68	ppb
Krypton	83-1						cps
Lead	206-1	205.28	205.17	207.50	205.98	0.64	ppb
Lead	207-1	195.40	196.84	197.56	196.60	0.56	ppb
Lead	208-1	199.67	201.56	202.90	201.38	0.81	ppb
Lithium	6-1				103		%
Magnesium	24-2	1184.19	1170.94	1159.48	1171.54	1.06	ppb
Manganese	55-2	103.22	99.73	100.13	101.03	1.89	ppb
Molybdenum	94-1	0.15	0.14	0.11	0.14	15.19	ppb
Molybdenum	95-1	0.08	0.07	0.06	0.07	12.14	ppb
Molybdenum	96-1	0.10	0.10	0.10	0.10	1.60	ppb
Molybdenum	97-1	0.09	0.05	0.09	0.08	33.72	ppb
Molybdenum	98-1	0.09	0.08	0.07	0.08	12.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	108.41	105.49	106.97	106.96	1.36	ppb
Phosphorus	31-2	1.97	-4.77	10.51	2.57	298.00	ppb
Potassium	39-2	2147.99	2137.58	2127.10	2137.56	0.49	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				104		%
Selenium	82-1	213.07	212.57	213.32	212.99	0.18	ppb
Selenium	77-2	225.81	223.72	216.55	222.03	2.19	ppb
Selenium	78-2	222.70	215.20	213.56	217.15	2.24	ppb
Silicon	28-1	7.43	8.12	8.00	7.85	4.69	ppb
Silver	107-1	51.94	53.48	52.93	52.78	1.48	ppb
Silver	109-1	52.45	53.27	52.67	52.80	0.81	ppb
Sodium	23-2	2089.52	2081.33	2069.46	2080.10	0.49	ppb
Strontium	86-1	0.20	0.30	0.22	0.24	21.86	ppb
Strontium	88-1	0.28	0.27	0.29	0.28	4.11	ppb
Sulfur	34-1	-183.63	-344.99	-435.84	-321.49		ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	203.92	205.13	208.88	205.98	1.26	ppb
Thallium	205-1	203.79	204.42	206.15	204.78	0.60	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	ICV04	Instrumnet Name :	P7
Client Sample ID :	ICV04	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 12:38:51	DataFile Name :	015ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.01	0.01	0.01	28.33	ppb
Tin	118-1	0.05	0.04	0.09	0.06	48.26	ppb
Titanium	47-1	0.13	0.02	0.07	0.08	73.13	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	35.31	ppb
Vanadium	51-2	100.84	99.51	99.54	99.96	0.76	ppb
Yttrium	89-1				103		%
Yttrium	89-2				103		%
Zinc	66-2	188.62	184.45	183.65	185.57	1.44	ppb
Zirconium	90-1	0.04	0.05	0.04	0.04	10.23	ppb
Zirconium	91-1	0.11	0.12	0.10	0.11	12.75	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 12:54:53	DataFile Name :	017LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.13	20.94	23.56	22.21	5.91	ppb
Antimony	121-1	1.89	2.10	2.12	2.03	6.28	ppb
Arsenic	75-2	0.99	1.10	1.04	1.04	4.93	ppb
Barium	135-1	10.10	10.69	10.26	10.35	2.94	ppb
Barium	137-1	10.03	10.74	10.20	10.32	3.63	ppb
Beryllium	9-1	1.02	1.20	1.20	1.14	9.21	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	10-1	29.64	27.49	26.45	27.86	5.85	ppb
Boron	11-1	29.87	27.02	29.17	28.69	5.19	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.97	1.07	0.96	1.00	6.13	ppb
Cadmium	106-1	-0.06	0.82	-0.34	0.14	436.91	ppb
Cadmium	108-1	0.87	1.05	0.94	0.95	9.54	ppb
Calcium	43-1	518.16	577.91	532.09	542.72	5.76	ppb
Calcium	44-1	527.89	539.57	540.54	536.00	1.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.09	2.14	2.09	2.11	1.53	ppb
Cobalt	59-2	1.03	1.12	1.04	1.06	4.66	ppb
Copper	63-2	1.96	1.99	2.03	1.99	1.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				103		%
Iron	56-2	55.40	54.51	55.01	54.97	0.81	ppb
Iron	57-2	56.54	56.14	55.49	56.06	0.95	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 12:54:53	DataFile Name :	017LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	60.16	58.20	55.01	57.79	4.50	ppb
Krypton	83-1						cps
Lead	206-1	1.13	1.21	1.14	1.16	3.71	ppb
Lead	207-1	1.14	1.14	1.18	1.15	2.10	ppb
Lead	208-1	1.14	1.17	1.16	1.16	1.30	ppb
Lithium	6-1				101		%
Magnesium	24-2	509.42	517.82	507.58	511.60	1.07	ppb
Manganese	55-2	1.06	1.05	1.09	1.07	2.12	ppb
Molybdenum	94-1	4.94	5.07	4.99	5.00	1.38	ppb
Molybdenum	95-1	5.10	5.25	5.18	5.18	1.45	ppb
Molybdenum	96-1	5.19	5.16	5.07	5.14	1.23	ppb
Molybdenum	97-1	5.18	5.00	5.19	5.12	2.07	ppb
Molybdenum	98-1	5.30	5.10	5.13	5.17	2.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.20	1.03	0.98	1.07	10.72	ppb
Phosphorus	31-2	-3.87	-6.70	-2.73	-4.43		ppb
Potassium	39-2	553.10	547.37	552.31	550.92	0.56	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				104		%
Selenium	82-1	6.09	5.50	5.30	5.63	7.36	ppb
Selenium	77-2	4.61	5.10	5.47	5.06	8.49	ppb
Selenium	78-2	5.32	6.29	4.32	5.31	18.50	ppb
Silicon	28-1	7.45	18.87	13.29	13.20	43.25	ppb
Silver	107-1	1.01	1.03	1.02	1.02	0.99	ppb
Silver	109-1	1.07	1.11	1.10	1.09	1.96	ppb
Sodium	23-2	542.86	540.62	535.89	539.79	0.66	ppb
Strontium	86-1	0.91	1.21	1.06	1.06	13.82	ppb
Strontium	88-1	1.14	1.16	1.09	1.13	3.30	ppb
Sulfur	34-1	-531.07	872.50	304.44	215.29	327.93	ppb
Terbium	159-1				99		%
Terbium	159-2				100		%
Thallium	203-1	0.91	1.00	1.02	0.98	6.16	ppb
Thallium	205-1	0.92	1.02	1.01	0.98	5.39	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 12:54:53	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	5.00	5.08	5.09	5.05	1.00	ppb
Titanium	47-1	5.31	5.19	4.76	5.09	5.63	ppb
Uranium	238-1	0.86	0.92	0.94	0.91	4.48	ppb
Vanadium	51-2	4.92	5.43	5.08	5.14	5.09	ppb
Yttrium	89-1				101		%
Yttrium	89-2				103		%
Zinc	66-2	2.43	2.46	2.30	2.40	3.46	ppb
Zirconium	90-1	0.95	0.97	0.96	0.96	0.80	ppb
Zirconium	91-1	0.92	0.97	0.92	0.94	2.92	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	ICB04	Instrumnet Name :	P7
Client Sample ID :	ICB04	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 12:58:00	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.32	-0.07	-0.39	-0.26		ppb
Antimony	121-1	0.01	0.01	0.02	0.01	25.72	ppb
Arsenic	75-2	0.04	-0.01	0.02	0.02	160.91	ppb
Barium	135-1	0.02	0.02	0.01	0.01	50.45	ppb
Barium	137-1	0.02	0.01	0.00	0.01	104.72	ppb
Beryllium	9-1	0.07	0.02	0.04	0.05	45.95	ppb
Bismuth	209-1				98		%
Bismuth	209-2				100		%
Boron	10-1	2.86	3.93	3.62	3.47	15.98	ppb
Boron	11-1	3.86	3.94	3.89	3.90	0.99	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.15	0.05	-0.07	-0.06		ppb
Cadmium	106-1	-2.00	0.57	-0.94	-0.79		ppb
Cadmium	108-1	0.04	-0.08	0.01	-0.01		ppb
Calcium	43-1	0.91	0.06	1.78	0.92	93.85	ppb
Calcium	44-1	1.05	2.11	-0.02	1.05	101.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.01	0.02	0.01	49.79	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.05	0.05	0.06	0.06	12.69	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				105		%
Iron	56-2	0.16	0.08	0.20	0.15	40.72	ppb
Iron	57-2	0.19	-0.38	0.06	-0.04		ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	ICB04	Instrumnet Name :	P7
Client Sample ID :	ICB04	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 12:58:00	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2.08	0.18	-0.18	0.69	175.63	ppb
Krypton	83-1						cps
Lead	206-1	0.22	0.21	0.21	0.21	3.57	ppb
Lead	207-1	0.19	0.22	0.22	0.21	6.83	ppb
Lead	208-1	0.19	0.19	0.21	0.20	5.52	ppb
Lithium	6-1				102		%
Magnesium	24-2	0.94	0.59	0.92	0.82	23.97	ppb
Manganese	55-2	0.01	0.02	0.02	0.02	27.98	ppb
Molybdenum	94-1	0.01	-0.03	0.01	0.00		ppb
Molybdenum	95-1	0.00	0.01	0.01	0.01	57.71	ppb
Molybdenum	96-1	0.00	0.01	0.01	0.01	76.40	ppb
Molybdenum	97-1	0.02	0.00	0.01	0.01	61.23	ppb
Molybdenum	98-1	0.01	0.00	0.00	0.01	97.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.00	0.01	0.01	60.89	ppb
Phosphorus	31-2	-4.20	-12.66	4.72	-4.05		ppb
Potassium	39-2	32.40	18.70	19.71	23.60	32.34	ppb
Rhodium	103-1				101		%
Rhodium	103-2				105		%
Scandium	45-1				102		%
Scandium	45-2				108		%
Selenium	82-1	-0.03	-0.25	-0.04	-0.11		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.52	-0.42	0.36	0.15	334.60	ppb
Silicon	28-1	2.53	3.28	4.91	3.57	34.13	ppb
Silver	107-1	0.01	0.00	0.01	0.01	46.89	ppb
Silver	109-1	0.01	0.01	0.01	0.01	31.91	ppb
Sodium	23-2	21.90	18.59	19.32	19.94	8.72	ppb
Strontium	86-1	0.00	0.06	0.09	0.05	83.96	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	11.44	ppb
Sulfur	34-1	40.02	-2.03	271.08	103.02	142.74	ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	0.03	0.03	0.02	0.03	21.32	ppb
Thallium	205-1	0.03	0.02	0.02	0.02	28.37	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	ICB04	Instrumnet Name :	P7
Client Sample ID :	ICB04	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 12:58:00	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	0.01	0.00	0.02	0.01	121.79	ppb
Titanium	47-1	0.00	0.03	0.03	0.02	76.80	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	2.20	ppb
Yttrium	89-1				102		%
Yttrium	89-2				106		%
Zinc	66-2	0.03	0.14	0.14	0.10	58.78	ppb
Zirconium	90-1	0.02	0.01	-0.01	0.01	200.87	ppb
Zirconium	91-1	0.00	-0.01	0.00	0.00		ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	ICSA04	Instrumnet Name :	P7
Client Sample ID :	ICSA04	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 13:01:08	DataFile Name :	019ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	96294.76	95772.43	95020.12	95695.77	0.67	ppb
Antimony	121-1	1.11	1.12	1.13	1.12	1.03	ppb
Arsenic	75-2	0.43	0.39	0.31	0.38	15.47	ppb
Barium	135-1	1.52	1.52	1.45	1.50	2.65	ppb
Barium	137-1	1.35	1.47	1.39	1.40	4.38	ppb
Beryllium	9-1	0.32	0.35	0.38	0.35	8.61	ppb
Bismuth	209-1				94		%
Bismuth	209-2				92		%
Boron	10-1	3.99	5.35	3.80	4.38	19.24	ppb
Boron	11-1	3.83	4.29	3.90	4.00	6.18	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.43	0.50	0.40	0.44	11.64	ppb
Cadmium	106-1	-1.42	-2.12	-2.36	-1.97		ppb
Cadmium	108-1	15.53	15.99	15.54	15.69	1.68	ppb
Calcium	43-1	102871.04	104342.11	103699.23	103637.46	0.71	ppb
Calcium	44-1	97068.01	97556.33	97880.62	97501.65	0.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	20.48	20.14	20.02	20.22	1.17	ppb
Cobalt	59-2	1.22	1.19	1.24	1.22	1.73	ppb
Copper	63-2	7.64	7.65	7.65	7.65	0.09	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				100		%
Holmium	165-2				98		%
Indium	115-1				94		%
Indium	115-2				93		%
Iron	56-2	102791.43	101825.64	101115.59	101910.88	0.83	ppb
Iron	57-2	104741.51	103639.38	105134.06	104504.98	0.74	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	ICSA04	Instrumnet Name :	P7
Client Sample ID :	ICSA04	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 13:01:08	DataFile Name :	019ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	102953.30	100436.96	101212.79	101534.35	1.27	ppb
Krypton	83-1						cps
Lead	206-1	4.71	4.68	4.70	4.70	0.37	ppb
Lead	207-1	4.24	4.26	4.01	4.17	3.30	ppb
Lead	208-1	4.45	4.38	4.29	4.38	1.91	ppb
Lithium	6-1				92		%
Magnesium	24-2	94440.72	93351.62	94808.16	94200.16	0.80	ppb
Manganese	55-2	7.88	8.04	7.79	7.90	1.59	ppb
Molybdenum	94-1	1358.94	1379.10	1378.21	1372.08	0.83	ppb
Molybdenum	95-1	1961.01	1981.87	1971.00	1971.29	0.53	ppb
Molybdenum	96-1	1887.07	1884.12	1896.21	1889.13	0.33	ppb
Molybdenum	97-1	1962.39	1973.15	1995.28	1976.94	0.85	ppb
Molybdenum	98-1	1963.88	1956.82	1968.66	1963.12	0.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.38	5.45	5.17	5.34	2.70	ppb
Phosphorus	31-2	99959.42	98944.86	98670.11	99191.46	0.68	ppb
Potassium	39-2	97098.61	97156.49	96959.69	97071.60	0.10	ppb
Rhodium	103-1				88		%
Rhodium	103-2				90		%
Scandium	45-1				91		%
Scandium	45-2				93		%
Selenium	82-1	0.49	-0.15	0.89	0.41	129.13	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.27	-0.47	-0.22	0.19	487.23	ppb
Silicon	28-1	20.30	17.97	20.50	19.59	7.20	ppb
Silver	107-1	0.03	0.03	0.02	0.03	19.55	ppb
Silver	109-1	0.04	0.05	0.05	0.05	9.55	ppb
Sodium	23-2	99976.03	99352.93	99718.04	99682.33	0.31	ppb
Strontium	86-1	33.80	35.73	34.89	34.81	2.79	ppb
Strontium	88-1	34.83	35.00	35.54	35.12	1.06	ppb
Sulfur	34-1	102623.05	104817.12	103146.15	103528.77	1.11	ppb
Terbium	159-1				98		%
Terbium	159-2				97		%
Thallium	203-1	0.08	0.10	0.15	0.11	30.16	ppb
Thallium	205-1	0.09	0.10	0.13	0.11	20.13	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	ICSA04	Instrumnet Name :	P7
Client Sample ID :	ICSA04	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 13:01:08	DataFile Name :	019ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	10.77	ppb
Tin	118-1	0.17	0.18	0.18	0.18	4.52	ppb
Titanium	47-1	2022.85	2027.29	2028.25	2026.13	0.14	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	1.90	ppb
Vanadium	51-2	0.18	0.18	0.14	0.17	12.28	ppb
Yttrium	89-1				94		%
Yttrium	89-2				94		%
Zinc	66-2	11.85	12.12	11.99	11.99	1.11	ppb
Zirconium	90-1	0.04	0.04	0.02	0.03	32.38	ppb
Zirconium	91-1	0.01	0.05	-0.01	0.02	200.93	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	ICSAB04	Instrumnet Name :	P7
Client Sample ID :	ICSAB04	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 13:04:13	DataFile Name :	020ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	95998.85	94222.70	95119.37	95113.64	0.93	ppb
Antimony	121-1	20.86	21.04	21.09	20.99	0.57	ppb
Arsenic	75-2	20.27	19.77	19.84	19.96	1.35	ppb
Barium	135-1	21.19	21.66	21.06	21.30	1.49	ppb
Barium	137-1	21.68	22.02	22.12	21.94	1.06	ppb
Beryllium	9-1	20.42	19.70	20.51	20.21	2.20	ppb
Bismuth	209-1				95		%
Bismuth	209-2				93		%
Boron	10-1	56.85	53.58	59.42	56.62	5.17	ppb
Boron	11-1	55.12	57.60	57.45	56.72	2.45	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	20.12	20.79	20.49	20.47	1.65	ppb
Cadmium	106-1	25.03	24.47	24.24	24.58	1.65	ppb
Cadmium	108-1	34.67	36.17	35.20	35.35	2.15	ppb
Calcium	43-1	102875.41	103478.31	103497.73	103283.81	0.34	ppb
Calcium	44-1	96887.54	97617.53	97915.82	97473.63	0.54	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	40.81	39.77	40.44	40.34	1.30	ppb
Cobalt	59-2	21.64	21.43	21.48	21.52	0.51	ppb
Copper	63-2	27.66	27.31	27.72	27.57	0.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				99		%
Indium	115-1				96		%
Indium	115-2				94		%
Iron	56-2	103605.25	101726.45	101510.81	102280.83	1.13	ppb
Iron	57-2	105107.85	104240.89	104033.27	104460.67	0.55	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	ICSAB04	Instrumnet Name :	P7
Client Sample ID :	ICSAB04	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 13:04:13	DataFile Name :	020ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	103341.97	101082.17	101374.64	101932.93	1.21	ppb
Krypton	83-1						cps
Lead	206-1	24.50	24.78	24.49	24.59	0.68	ppb
Lead	207-1	23.01	23.16	23.25	23.14	0.53	ppb
Lead	208-1	23.52	23.68	23.70	23.63	0.42	ppb
Lithium	6-1				92		%
Magnesium	24-2	94227.02	92812.32	93421.16	93486.83	0.76	ppb
Manganese	55-2	27.93	27.50	27.90	27.78	0.86	ppb
Molybdenum	94-1	1483.96	1484.94	1477.95	1482.28	0.26	ppb
Molybdenum	95-1	2012.57	1989.44	2012.34	2004.78	0.66	ppb
Molybdenum	96-1	1945.42	1951.62	1961.15	1952.73	0.41	ppb
Molybdenum	97-1	2024.30	2016.17	2028.65	2023.04	0.31	ppb
Molybdenum	98-1	2008.19	1985.55	1999.50	1997.74	0.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.31	25.63	25.58	25.84	1.59	ppb
Phosphorus	31-2	99789.98	98463.32	98395.71	98883.00	0.80	ppb
Potassium	39-2	97236.56	96305.11	96259.08	96600.25	0.57	ppb
Rhodium	103-1				90		%
Rhodium	103-2				91		%
Scandium	45-1				93		%
Scandium	45-2				94		%
Selenium	82-1	19.73	18.94	20.61	19.76	4.24	ppb
Selenium	77-2	20.43	21.23	18.43	20.03	7.21	ppb
Selenium	78-2	19.88	22.13	18.63	20.22	8.75	ppb
Silicon	28-1	63.03	62.71	63.74	63.16	0.83	ppb
Silver	107-1	18.88	19.35	19.27	19.17	1.31	ppb
Silver	109-1	18.90	19.26	19.10	19.09	0.96	ppb
Sodium	23-2	100761.75	98216.56	98766.12	99248.15	1.35	ppb
Strontium	86-1	87.99	88.87	88.63	88.50	0.52	ppb
Strontium	88-1	88.48	88.90	88.68	88.69	0.24	ppb
Sulfur	34-1	100677.35	103042.36	103302.03	102340.58	1.41	ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	19.90	20.54	20.60	20.35	1.91	ppb
Thallium	205-1	20.19	20.42	20.28	20.30	0.56	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	ICSAB04	Instrumnet Name :	P7
Client Sample ID :	ICSAB04	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 13:04:13	DataFile Name :	020ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	51.94	53.35	52.81	52.70	1.35	ppb
Titanium	47-1	2047.11	2058.83	2074.63	2060.19	0.67	ppb
Uranium	238-1	53.13	53.19	53.30	53.21	0.16	ppb
Vanadium	51-2	20.02	19.86	19.71	19.87	0.78	ppb
Yttrium	89-1				96		%
Yttrium	89-2				96		%
Zinc	66-2	27.40	27.31	28.05	27.59	1.46	ppb
Zirconium	90-1	53.54	53.10	53.32	53.32	0.41	ppb
Zirconium	91-1	52.34	53.17	52.88	52.79	0.80	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	CCV13	Instrumnet Name :	P7
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 13:07:22	DataFile Name :	021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50342.29	50468.24	50813.94	50541.49	0.48	ppb
Antimony	121-1	479.56	504.10	491.14	491.60	2.50	ppb
Arsenic	75-2	525.99	519.77	517.09	520.95	0.88	ppb
Barium	135-1	2450.32	2556.58	2505.83	2504.24	2.12	ppb
Barium	137-1	2453.96	2576.33	2521.81	2517.37	2.44	ppb
Beryllium	9-1	490.47	502.53	500.85	497.95	1.31	ppb
Bismuth	209-1				92		%
Bismuth	209-2				87		%
Boron	10-1	478.55	503.09	522.34	501.33	4.38	ppb
Boron	11-1	481.78	502.42	524.93	503.04	4.29	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	510.63	526.20	515.01	517.28	1.55	ppb
Cadmium	106-1	519.43	525.36	512.02	518.94	1.29	ppb
Cadmium	108-1	506.10	527.61	511.06	514.92	2.19	ppb
Calcium	43-1	261317.79	262505.09	266829.72	263550.87	1.10	ppb
Calcium	44-1	245192.68	247147.63	251942.78	248094.36	1.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	504.59	506.98	504.10	505.22	0.30	ppb
Cobalt	59-2	497.63	503.34	497.41	499.46	0.67	ppb
Copper	63-2	5090.28	5158.94	5147.81	5132.34	0.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				95		%
Indium	115-1				92		%
Indium	115-2				89		%
Iron	56-2	128359.18	127761.77	127624.46	127915.14	0.31	ppb
Iron	57-2	129071.40	127369.30	128018.77	128153.16	0.67	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	CCV13	Instrumnet Name :	P7
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 13:07:22	DataFile Name :	021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	128015.73	126421.88	127207.64	127215.09	0.63	ppb
Krypton	83-1						cps
Lead	206-1	2570.77	2591.06	2603.82	2588.55	0.64	ppb
Lead	207-1	2537.36	2559.80	2576.31	2557.83	0.76	ppb
Lead	208-1	2558.69	2559.30	2571.71	2563.23	0.29	ppb
Lithium	6-1				89		%
Magnesium	24-2	249734.30	248605.54	248348.98	248896.27	0.30	ppb
Manganese	55-2	5259.39	5178.73	5207.54	5215.22	0.78	ppb
Molybdenum	94-1	2501.96	2568.43	2536.20	2535.53	1.31	ppb
Molybdenum	95-1	2491.92	2546.53	2541.63	2526.69	1.20	ppb
Molybdenum	96-1	2497.93	2524.96	2537.14	2520.01	0.80	ppb
Molybdenum	97-1	2516.08	2579.26	2557.23	2550.85	1.26	ppb
Molybdenum	98-1	2492.12	2548.75	2545.61	2528.82	1.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	493.88	500.31	494.11	496.10	0.74	ppb
Phosphorus	31-2	9831.33	10179.30	10171.81	10060.81	1.98	ppb
Potassium	39-2	125068.95	124281.71	124189.67	124513.44	0.39	ppb
Rhodium	103-1				86		%
Rhodium	103-2				86		%
Scandium	45-1				91		%
Scandium	45-2				91		%
Selenium	82-1	519.18	520.72	525.55	521.81	0.64	ppb
Selenium	77-2	514.43	511.38	541.22	522.34	3.14	ppb
Selenium	78-2	518.30	537.78	522.51	526.20	1.95	ppb
Silicon	28-1	458.85	480.47	493.20	477.51	3.64	ppb
Silver	107-1	487.13	505.45	494.72	495.77	1.86	ppb
Silver	109-1	487.71	508.56	491.59	495.95	2.24	ppb
Sodium	23-2	250424.03	251240.80	250138.06	250600.97	0.23	ppb
Strontium	86-1	5060.58	5084.93	5045.12	5063.55	0.40	ppb
Strontium	88-1	5017.52	5084.80	5078.74	5060.36	0.74	ppb
Sulfur	34-1	9766.39	10037.28	10060.81	9954.83	1.64	ppb
Terbium	159-1				98		%
Terbium	159-2				94		%
Thallium	203-1	502.73	510.61	506.70	506.68	0.78	ppb
Thallium	205-1	517.71	514.89	514.59	515.73	0.33	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	CCV13	Instrumnet Name :	P7
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 13:07:22	DataFile Name :	021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	523.12	523.65	526.64	524.47	0.36	ppb
Tin	118-1	486.30	507.78	495.72	496.60	2.17	ppb
Titanium	47-1	2503.98	2516.07	2543.67	2521.24	0.81	ppb
Uranium	238-1	525.60	529.21	532.66	529.16	0.67	ppb
Vanadium	51-2	507.72	510.10	507.82	508.55	0.27	ppb
Yttrium	89-1				94		%
Yttrium	89-2				92		%
Zinc	66-2	5101.50	5109.77	5078.40	5096.56	0.32	ppb
Zirconium	90-1	506.08	516.33	508.79	510.40	1.04	ppb
Zirconium	91-1	499.08	513.96	504.30	505.78	1.49	ppb

LB Number : LB116498 Operator : JASWAL
 Lab Sample ID : CCB13 Instrumnet Name : P7
 Client Sample ID : CCB13 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-24 13:17:22 DataFile Name : 022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.60	1.09	0.75	0.81	30.88	ppb
Antimony	121-1	0.05	0.07	0.05	0.05	16.48	ppb
Arsenic	75-2	-0.01	0.04	0.01	0.01	215.48	ppb
Barium	135-1	0.00	0.01	0.02	0.01	74.82	ppb
Barium	137-1	0.02	0.01	0.00	0.01	75.36	ppb
Beryllium	9-1	0.04	0.05	0.07	0.05	28.98	ppb
Bismuth	209-1				96		%
Bismuth	209-2				96		%
Boron	10-1	4.06	4.65	3.57	4.09	13.17	ppb
Boron	11-1	4.13	4.06	4.08	4.09	0.84	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.28	-0.02	-0.15	-0.15		ppb
Cadmium	106-1	-3.87	-0.37	-2.07	-2.10		ppb
Cadmium	108-1	-0.02	-0.08	-0.08	-0.06		ppb
Calcium	43-1	-1.93	2.60	3.01	1.23	223.53	ppb
Calcium	44-1	1.65	0.62	1.34	1.20	43.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	0.02	0.01	0.00		ppb
Cobalt	59-2	-0.01	0.00	0.01	0.00	2041.33	ppb
Copper	63-2	0.13	0.12	0.14	0.13	5.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				97		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	0.56	0.75	0.44	0.58	26.03	ppb
Iron	57-2	0.05	0.76	0.62	0.48	78.36	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	CCB13	Instrumnet Name :	P7
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 13:17:22	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	-0.21	1.12	-0.46	0.15	575.48	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.07	0.05	0.06	18.13	ppb
Lead	207-1	0.11	0.07	0.07	0.08	24.91	ppb
Lead	208-1	0.08	0.07	0.06	0.07	14.03	ppb
Lithium	6-1				95		%
Magnesium	24-2	1.42	1.13	1.96	1.50	28.08	ppb
Manganese	55-2	0.03	0.03	0.05	0.04	36.39	ppb
Molybdenum	94-1	0.04	0.03	0.02	0.03	43.78	ppb
Molybdenum	95-1	0.03	0.03	0.03	0.03	13.22	ppb
Molybdenum	96-1	0.05	0.03	0.02	0.03	47.26	ppb
Molybdenum	97-1	0.03	0.01	0.03	0.02	49.08	ppb
Molybdenum	98-1	0.04	0.01	0.04	0.03	42.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.04	0.00	-0.02		ppb
Phosphorus	31-2	-13.91	-7.78	26.97	1.76	1251.98	ppb
Potassium	39-2	27.28	25.85	29.76	27.63	7.16	ppb
Rhodium	103-1				95		%
Rhodium	103-2				98		%
Scandium	45-1				95		%
Scandium	45-2				97		%
Selenium	82-1	-0.13	-0.58	0.50	-0.07		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.82	-0.57	0.87	0.37	219.99	ppb
Silicon	28-1	2.04	0.95	1.89	1.63	36.35	ppb
Silver	107-1	0.01	0.01	0.01	0.01	9.65	ppb
Silver	109-1	0.01	0.01	0.01	0.01	32.50	ppb
Sodium	23-2	35.87	33.03	33.95	34.28	4.22	ppb
Strontium	86-1	-0.05	-0.07	0.01	-0.04		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	27.13	ppb
Sulfur	34-1	25.99	-156.60	-61.94	-64.18		ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	0.04	0.02	0.02	0.03	39.35	ppb
Thallium	205-1	0.03	0.04	0.03	0.03	23.23	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	CCB13	Instrumnet Name :	P7
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 13:17:22	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	55.90	ppb
Tin	118-1	0.00	0.11	-0.01	0.03	226.45	ppb
Titanium	47-1	0.00	0.01	0.01	0.00	240.88	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	94.13	ppb
Vanadium	51-2	0.00	0.01	0.00	0.01	74.40	ppb
Yttrium	89-1				98		%
Yttrium	89-2				98		%
Zinc	66-2	0.16	0.23	0.23	0.21	19.71	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	9.79	ppb
Zirconium	91-1	0.02	0.01	0.01	0.01	27.09	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 13:20:31	DataFile Name :	023LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.62	19.29	21.50	21.13	8.03	ppb
Antimony	121-1	1.94	2.01	1.90	1.95	2.87	ppb
Arsenic	75-2	1.12	0.90	0.88	0.97	13.77	ppb
Barium	135-1	9.75	10.21	9.67	9.88	2.90	ppb
Barium	137-1	9.62	9.91	9.88	9.80	1.62	ppb
Beryllium	9-1	1.00	1.02	1.07	1.03	3.26	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Boron	10-1	27.79	23.49	25.67	25.65	8.39	ppb
Boron	11-1	24.65	25.25	27.26	25.72	5.32	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.95	0.95	0.89	0.93	3.34	ppb
Cadmium	106-1	1.04	0.32	0.24	0.53	82.87	ppb
Cadmium	108-1	0.73	0.86	0.96	0.85	13.90	ppb
Calcium	43-1	516.78	522.33	524.11	521.07	0.73	ppb
Calcium	44-1	513.44	524.38	520.50	519.44	1.07	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.08	2.03	2.02	2.05	1.68	ppb
Cobalt	59-2	1.02	0.99	1.07	1.03	3.71	ppb
Copper	63-2	1.97	1.88	1.89	1.91	2.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				97		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	53.88	54.93	55.54	54.78	1.53	ppb
Iron	57-2	54.78	56.13	52.44	54.45	3.43	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 13:20:31	DataFile Name :	023LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	58.78	52.52	55.13	55.48	5.66	ppb
Krypton	83-1						cps
Lead	206-1	1.01	0.97	1.05	1.01	4.00	ppb
Lead	207-1	1.03	0.95	0.98	0.99	4.00	ppb
Lead	208-1	1.02	0.97	1.01	1.00	2.64	ppb
Lithium	6-1				97		%
Magnesium	24-2	487.25	486.34	492.82	488.80	0.72	ppb
Manganese	55-2	1.06	1.01	1.06	1.04	2.63	ppb
Molybdenum	94-1	4.76	5.04	4.93	4.91	2.88	ppb
Molybdenum	95-1	4.82	4.83	4.99	4.88	1.99	ppb
Molybdenum	96-1	4.77	5.00	4.94	4.90	2.50	ppb
Molybdenum	97-1	5.08	4.89	5.13	5.03	2.52	ppb
Molybdenum	98-1	4.88	5.03	5.02	4.98	1.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.14	1.13	1.13	1.13	0.66	ppb
Phosphorus	31-2	-5.53	-10.23	-1.56	-5.77		ppb
Potassium	39-2	534.42	527.99	534.68	532.36	0.71	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				96		%
Scandium	45-2				98		%
Selenium	82-1	6.21	5.19	4.70	5.37	14.31	ppb
Selenium	77-2	4.85	9.29	4.33	6.16	44.30	ppb
Selenium	78-2	6.52	5.55	4.94	5.67	14.11	ppb
Silicon	28-1	8.62	9.65	8.48	8.92	7.16	ppb
Silver	107-1	0.95	1.01	0.99	0.98	3.11	ppb
Silver	109-1	1.02	1.01	1.00	1.01	0.72	ppb
Sodium	23-2	527.99	529.71	529.20	528.96	0.17	ppb
Strontium	86-1	1.09	1.04	1.13	1.09	4.17	ppb
Strontium	88-1	1.10	1.05	1.09	1.08	2.41	ppb
Sulfur	34-1	100.58	-4.25	-201.86	-35.18		ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	0.92	1.07	0.97	0.99	7.83	ppb
Thallium	205-1	0.99	0.97	0.96	0.97	1.20	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 13:20:31	DataFile Name :	023LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	4.73	4.94	4.95	4.87	2.58	ppb
Titanium	47-1	4.94	4.85	4.95	4.92	1.12	ppb
Uranium	238-1	0.88	0.88	0.92	0.89	2.53	ppb
Vanadium	51-2	4.94	5.05	4.81	4.94	2.46	ppb
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	2.19	2.20	2.03	2.14	4.55	ppb
Zirconium	90-1	0.92	0.93	0.97	0.94	3.14	ppb
Zirconium	91-1	0.97	0.90	0.98	0.95	4.50	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-01	Instrumnet Name :	P7
Client Sample ID :	SW-RR-02-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 13:23:38	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	84.29	97.20	86.55	89.35	7.72	ppb
Antimony	121-1	0.37	0.36	0.37	0.37	1.23	ppb
Arsenic	75-2	1.38	1.43	1.56	1.46	6.26	ppb
Barium	135-1	60.88	59.58	60.89	60.45	1.25	ppb
Barium	137-1	61.53	59.55	61.77	60.95	2.00	ppb
Beryllium	9-1	0.07	0.06	0.03	0.05	39.70	ppb
Bismuth	209-1				97		%
Bismuth	209-2				96		%
Boron	10-1	86.98	90.01	93.29	90.09	3.50	ppb
Boron	11-1	90.06	92.08	93.93	92.02	2.11	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.09	-0.03	-0.04	-0.05		ppb
Cadmium	106-1	-1.40	-0.59	-0.65	-0.88		ppb
Cadmium	108-1	-0.02	-0.08	0.07	-0.01		ppb
Calcium	43-1	32553.26	32801.26	33074.11	32809.54	0.79	ppb
Calcium	44-1	31145.17	31075.51	30987.32	31069.34	0.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.78	0.78	0.86	0.81	5.28	ppb
Cobalt	59-2	0.36	0.34	0.39	0.36	6.71	ppb
Copper	63-2	3.64	3.71	3.45	3.60	3.66	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				101		%
Holmium	165-2				98		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	657.30	671.37	661.87	663.51	1.08	ppb
Iron	57-2	706.24	731.28	720.75	719.42	1.75	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-01	Instrumnet Name :	P7
Client Sample ID :	SW-RR-02-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 13:23:38	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	644.71	670.97	672.11	662.59	2.34	ppb
Krypton	83-1						cps
Lead	206-1	0.54	0.54	0.51	0.53	2.36	ppb
Lead	207-1	0.52	0.48	0.46	0.48	6.22	ppb
Lead	208-1	0.51	0.50	0.48	0.50	2.87	ppb
Lithium	6-1				96		%
Magnesium	24-2	11590.47	11747.38	11653.67	11663.84	0.68	ppb
Manganese	55-2	321.94	324.97	324.95	323.95	0.54	ppb
Molybdenum	94-1	1.64	1.70	1.56	1.63	4.43	ppb
Molybdenum	95-1	2.30	2.27	2.37	2.32	2.33	ppb
Molybdenum	96-1	2.31	2.16	2.15	2.20	4.04	ppb
Molybdenum	97-1	2.20	2.19	2.28	2.22	2.19	ppb
Molybdenum	98-1	2.23	2.29	2.19	2.24	2.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.97	1.87	1.90	1.91	2.64	ppb
Phosphorus	31-2	385.82	441.64	453.91	427.12	8.50	ppb
Potassium	39-2	3916.72	3955.09	3928.44	3933.42	0.50	ppb
Rhodium	103-1				95		%
Rhodium	103-2				97		%
Scandium	45-1				96		%
Scandium	45-2				98		%
Selenium	82-1	0.01	0.98	1.39	0.79	89.27	ppb
Selenium	77-2	0.97	1.48	0.48	0.97	51.13	ppb
Selenium	78-2	0.50	0.23	0.56	0.43	41.16	ppb
Silicon	28-1	3211.74	3187.65	3195.09	3198.16	0.39	ppb
Silver	107-1	0.02	0.02	0.02	0.02	19.96	ppb
Silver	109-1	0.02	0.02	0.01	0.02	14.72	ppb
Sodium	23-2	38293.43	39039.15	38706.94	38679.84	0.97	ppb
Strontium	86-1	182.78	184.93	184.04	183.92	0.59	ppb
Strontium	88-1	184.96	186.52	186.01	185.83	0.43	ppb
Sulfur	34-1	13267.41	13409.22	13499.86	13392.16	0.87	ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	0.02	0.03	0.01	0.02	34.14	ppb
Thallium	205-1	0.02	0.02	0.01	0.02	27.39	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-01	Instrumnet Name :	P7
Client Sample ID :	SW-RR-02-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 13:23:38	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.01	0.01	0.01	6.09	ppb
Tin	118-1	0.17	0.19	0.15	0.17	11.28	ppb
Titanium	47-1	2.76	3.56	2.46	2.93	19.31	ppb
Uranium	238-1	0.21	0.21	0.20	0.21	3.66	ppb
Vanadium	51-2	1.02	1.00	1.02	1.01	1.18	ppb
Yttrium	89-1				98		%
Yttrium	89-2				98		%
Zinc	66-2	27.86	29.40	29.03	28.76	2.80	ppb
Zirconium	90-1	0.09	0.16	0.09	0.11	38.80	ppb
Zirconium	91-1	0.09	0.08	0.06	0.08	21.42	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-02	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 13:26:45	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	107.45	91.52	97.96	98.98	8.09	ppb
Antimony	121-1	0.11	0.08	0.10	0.10	18.28	ppb
Arsenic	75-2	0.70	0.59	0.46	0.58	20.35	ppb
Barium	135-1	45.84	47.12	46.71	46.55	1.40	ppb
Barium	137-1	45.50	47.26	46.10	46.29	1.94	ppb
Beryllium	9-1	0.05	0.03	0.02	0.03	59.39	ppb
Bismuth	209-1				101		%
Bismuth	209-2				96		%
Boron	10-1	41.37	43.11	46.77	43.75	6.30	ppb
Boron	11-1	43.56	44.51	45.87	44.65	2.60	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.04	-0.10	-0.22	-0.09		ppb
Cadmium	106-1	0.30	-1.29	-3.00	-1.33		ppb
Cadmium	108-1	0.04	0.01	0.18	0.08	120.33	ppb
Calcium	43-1	28769.07	28920.35	29034.33	28907.91	0.46	ppb
Calcium	44-1	27506.93	27401.29	27463.03	27457.08	0.19	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.55	0.54	0.65	0.58	9.87	ppb
Cobalt	59-2	0.17	0.18	0.16	0.17	5.79	ppb
Copper	63-2	1.30	1.36	1.37	1.34	2.79	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				101		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	56-2	183.76	190.34	185.02	186.37	1.87	ppb
Iron	57-2	231.45	247.13	239.39	239.32	3.28	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-02	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 13:26:45	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	193.24	186.66	186.22	188.71	2.08	ppb
Krypton	83-1						cps
Lead	206-1	0.25	0.25	0.25	0.25	1.56	ppb
Lead	207-1	0.25	0.26	0.24	0.25	4.73	ppb
Lead	208-1	0.25	0.25	0.25	0.25	0.35	ppb
Lithium	6-1				97		%
Magnesium	24-2	10570.98	10598.36	10675.51	10614.95	0.51	ppb
Manganese	55-2	28.71	28.76	28.85	28.77	0.23	ppb
Molybdenum	94-1	0.65	0.51	0.48	0.55	16.10	ppb
Molybdenum	95-1	0.64	0.65	0.62	0.63	2.27	ppb
Molybdenum	96-1	0.66	0.64	0.57	0.62	7.28	ppb
Molybdenum	97-1	0.52	0.62	0.71	0.61	15.30	ppb
Molybdenum	98-1	0.67	0.63	0.74	0.68	8.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.56	0.61	0.60	0.59	4.39	ppb
Phosphorus	31-2	24.60	15.67	8.61	16.29	49.19	ppb
Potassium	39-2	2514.07	2505.73	2511.33	2510.38	0.17	ppb
Rhodium	103-1				95		%
Rhodium	103-2				97		%
Scandium	45-1				96		%
Scandium	45-2				97		%
Selenium	82-1	0.18	1.31	0.47	0.65	89.98	ppb
Selenium	77-2	0.49	0.00	0.48	0.32	86.60	ppb
Selenium	78-2	-0.05	-0.05	0.03	-0.02		ppb
Silicon	28-1	1995.81	2036.29	2049.12	2027.08	1.37	ppb
Silver	107-1	0.00	0.00	0.01	0.01	95.39	ppb
Silver	109-1	0.01	0.01	0.01	0.01	20.73	ppb
Sodium	23-2	28468.09	28487.46	28796.15	28583.90	0.64	ppb
Strontium	86-1	156.81	158.55	160.47	158.61	1.15	ppb
Strontium	88-1	156.13	161.90	160.81	159.62	1.92	ppb
Sulfur	34-1	5552.51	5543.20	5427.10	5507.61	1.27	ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	0.01	-0.01	0.01	0.00	661.43	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	73.57	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-02	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 13:26:45	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.01	0.01	0.01	6.85	ppb
Tin	118-1	0.21	0.18	0.20	0.20	8.49	ppb
Titanium	47-1	2.77	2.78	3.04	2.86	5.41	ppb
Uranium	238-1	0.30	0.31	0.33	0.31	5.25	ppb
Vanadium	51-2	0.98	1.02	0.90	0.97	6.29	ppb
Yttrium	89-1				98		%
Yttrium	89-2				98		%
Zinc	66-2	22.99	21.48	21.65	22.04	3.74	ppb
Zirconium	90-1	0.06	0.06	0.07	0.06	14.24	ppb
Zirconium	91-1	0.02	0.29	0.22	0.18	81.29	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-03	Instrumnet Name :	P7
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 13:29:51	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	146.24	148.26	158.38	150.96	4.31	ppb
Antimony	121-1	0.39	0.36	0.35	0.37	6.58	ppb
Arsenic	75-2	1.16	1.13	1.32	1.20	8.23	ppb
Barium	135-1	57.76	57.58	57.95	57.77	0.32	ppb
Barium	137-1	57.86	57.13	58.35	57.78	1.06	ppb
Beryllium	9-1	0.05	0.02	0.03	0.03	44.27	ppb
Bismuth	209-1				98		%
Bismuth	209-2				96		%
Boron	10-1	79.21	80.54	84.24	81.33	3.20	ppb
Boron	11-1	79.92	82.31	84.88	82.37	3.01	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.04	-0.02	0.07	0.01	1119.00	ppb
Cadmium	106-1	-0.57	-0.36	0.81	-0.04		ppb
Cadmium	108-1	0.10	0.07	0.04	0.07	43.98	ppb
Calcium	43-1	30154.08	30205.59	29846.48	30068.72	0.65	ppb
Calcium	44-1	28473.87	28541.85	28099.50	28371.74	0.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.76	0.73	0.77	0.76	2.89	ppb
Cobalt	59-2	0.39	0.34	0.39	0.37	7.34	ppb
Copper	63-2	4.20	4.12	4.15	4.16	0.95	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				98		%
Iron	56-2	625.47	620.92	623.47	623.29	0.37	ppb
Iron	57-2	683.40	674.13	664.60	674.04	1.40	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-03	Instrumnet Name :	P7
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 13:29:51	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	628.81	621.78	643.20	631.26	1.73	ppb
Krypton	83-1						cps
Lead	206-1	0.65	0.62	0.61	0.63	3.65	ppb
Lead	207-1	0.58	0.63	0.59	0.60	4.83	ppb
Lead	208-1	0.61	0.59	0.59	0.60	2.03	ppb
Lithium	6-1				96		%
Magnesium	24-2	10927.07	10830.16	11000.16	10919.13	0.78	ppb
Manganese	55-2	179.30	177.51	180.75	179.18	0.91	ppb
Molybdenum	94-1	1.76	1.81	1.79	1.79	1.53	ppb
Molybdenum	95-1	2.40	2.40	2.31	2.37	2.23	ppb
Molybdenum	96-1	2.29	2.44	2.33	2.35	3.16	ppb
Molybdenum	97-1	2.38	2.53	2.33	2.41	4.29	ppb
Molybdenum	98-1	2.46	2.27	2.37	2.37	3.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.83	1.73	1.72	1.76	3.56	ppb
Phosphorus	31-2	441.26	467.49	468.84	459.20	3.39	ppb
Potassium	39-2	4023.56	3977.70	4053.56	4018.27	0.95	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				97		%
Scandium	45-2				98		%
Selenium	82-1	1.05	0.96	0.44	0.81	40.15	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.85	0.49	0.67	0.67	26.96	ppb
Silicon	28-1	2934.86	2916.75	2941.82	2931.14	0.44	ppb
Silver	107-1	0.01	0.01	0.03	0.02	49.86	ppb
Silver	109-1	0.01	0.02	0.02	0.02	26.92	ppb
Sodium	23-2	37772.07	36995.97	37509.31	37425.78	1.05	ppb
Strontium	86-1	173.94	174.37	176.64	174.98	0.83	ppb
Strontium	88-1	174.98	176.08	175.24	175.43	0.33	ppb
Sulfur	34-1	10936.98	10999.85	10813.57	10916.80	0.87	ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	-0.01	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00	294.46	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-03	Instrumnet Name :	P7
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 13:29:51	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.02	0.02	0.02	0.02	20.45	ppb
Tin	118-1	0.18	0.14	0.17	0.16	11.90	ppb
Titanium	47-1	4.18	3.87	4.13	4.06	4.15	ppb
Uranium	238-1	0.22	0.21	0.23	0.22	3.48	ppb
Vanadium	51-2	1.23	1.12	1.15	1.17	4.95	ppb
Yttrium	89-1				98		%
Yttrium	89-2				98		%
Zinc	66-2	27.35	25.82	26.00	26.39	3.18	ppb
Zirconium	90-1	0.11	0.08	0.09	0.09	16.49	ppb
Zirconium	91-1	0.20	0.08	0.08	0.12	57.79	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-04	Instrumnet Name :	P7
Client Sample ID :	SW-CB-02-(0.2)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 13:32:59	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	59.06	84.56	52.42	65.35	25.97	ppb
Antimony	121-1	0.16	0.19	0.20	0.18	11.80	ppb
Arsenic	75-2	0.85	0.65	0.81	0.77	13.22	ppb
Barium	135-1	66.64	67.32	69.26	67.74	2.01	ppb
Barium	137-1	66.76	67.91	68.12	67.60	1.08	ppb
Beryllium	9-1	0.02	0.02	0.04	0.03	47.88	ppb
Bismuth	209-1				98		%
Bismuth	209-2				95		%
Boron	10-1	111.44	118.28	114.20	114.64	3.00	ppb
Boron	11-1	114.41	116.98	117.60	116.33	1.45	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.02	-0.01	-0.10	-0.03		ppb
Cadmium	106-1	0.31	-0.23	-1.29	-0.40		ppb
Cadmium	108-1	0.01	0.10	0.07	0.06	77.73	ppb
Calcium	43-1	45362.75	45497.78	45793.78	45551.44	0.48	ppb
Calcium	44-1	43068.92	42951.94	43095.32	43038.73	0.18	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.28	0.21	0.23	0.24	14.26	ppb
Cobalt	59-2	0.14	0.15	0.15	0.15	6.30	ppb
Copper	63-2	1.46	1.40	1.43	1.43	1.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				98		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	192.11	195.17	190.37	192.55	1.26	ppb
Iron	57-2	282.09	276.37	259.21	272.56	4.37	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-04	Instrumnet Name :	P7
Client Sample ID :	SW-CB-02-(0.2)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 13:32:59	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	212.65	195.28	188.32	198.75	6.30	ppb
Krypton	83-1						cps
Lead	206-1	0.26	0.28	0.26	0.27	4.20	ppb
Lead	207-1	0.27	0.24	0.22	0.24	8.91	ppb
Lead	208-1	0.26	0.25	0.22	0.25	7.57	ppb
Lithium	6-1				97		%
Magnesium	24-2	12504.71	12553.82	12448.29	12502.27	0.42	ppb
Manganese	55-2	133.02	131.97	131.05	132.01	0.75	ppb
Molybdenum	94-1	0.53	0.55	0.52	0.53	2.30	ppb
Molybdenum	95-1	0.76	0.77	0.67	0.73	7.28	ppb
Molybdenum	96-1	0.75	0.73	0.69	0.72	4.33	ppb
Molybdenum	97-1	0.72	0.70	0.76	0.73	3.85	ppb
Molybdenum	98-1	0.65	0.69	0.71	0.68	4.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.71	0.75	0.74	0.73	2.90	ppb
Phosphorus	31-2	154.67	118.62	135.67	136.32	13.23	ppb
Potassium	39-2	3167.44	3158.02	3109.08	3144.85	1.00	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				96		%
Scandium	45-2				98		%
Selenium	82-1	0.79	0.90	0.24	0.64	55.01	ppb
Selenium	77-2	0.00	0.49	0.00	0.16	173.21	ppb
Selenium	78-2	0.78	0.13	0.20	0.37	95.75	ppb
Silicon	28-1	3765.15	3706.66	3721.11	3730.97	0.82	ppb
Silver	107-1	0.01	0.01	0.00	0.01	55.09	ppb
Silver	109-1	0.01	0.00	0.00	0.01	67.81	ppb
Sodium	23-2	47559.18	47597.30	47269.20	47475.23	0.38	ppb
Strontium	86-1	206.66	209.25	208.91	208.27	0.68	ppb
Strontium	88-1	207.92	206.94	207.80	207.55	0.26	ppb
Sulfur	34-1	19190.50	18724.50	18837.99	18917.66	1.28	ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	0.00	-0.01	-0.01	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00	1223.21	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-04	Instrumnet Name :	P7
Client Sample ID :	SW-CB-02-(0.2)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 13:32:59	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.01	0.01	0.01	50.43	ppb
Tin	118-1	0.07	0.04	0.06	0.06	32.40	ppb
Titanium	47-1	2.03	1.98	1.98	2.00	1.41	ppb
Uranium	238-1	0.15	0.16	0.17	0.16	4.88	ppb
Vanadium	51-2	1.43	1.48	1.28	1.40	7.49	ppb
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	17.76	17.70	17.49	17.65	0.82	ppb
Zirconium	90-1	0.04	0.06	0.05	0.05	22.43	ppb
Zirconium	91-1	0.02	0.07	0.04	0.04	58.33	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-05	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(0.5)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 13:36:05	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2077.49	2061.11	2011.63	2050.08	1.67	ppb
Antimony	121-1	0.72	0.72	0.73	0.72	1.29	ppb
Arsenic	75-2	6.55	6.72	6.66	6.64	1.27	ppb
Barium	135-1	129.46	132.96	130.83	131.08	1.34	ppb
Barium	137-1	132.30	133.52	133.86	133.23	0.61	ppb
Beryllium	9-1	0.16	0.09	0.14	0.13	26.19	ppb
Bismuth	209-1				97		%
Bismuth	209-2				95		%
Boron	10-1	141.64	148.28	145.59	145.17	2.30	ppb
Boron	11-1	140.43	149.09	150.31	146.61	3.68	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.03	0.09	0.26	0.13	93.19	ppb
Cadmium	106-1	-1.13	-0.82	0.91	-0.35		ppb
Cadmium	108-1	0.40	0.13	0.16	0.23	63.01	ppb
Calcium	43-1	45835.40	45899.46	45603.20	45779.35	0.34	ppb
Calcium	44-1	43521.85	44027.73	43227.55	43592.38	0.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	24.29	24.18	23.59	24.02	1.57	ppb
Cobalt	59-2	2.25	2.25	2.24	2.25	0.37	ppb
Copper	63-2	43.44	43.47	42.98	43.30	0.64	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				100		%
Holmium	165-2				98		%
Indium	115-1				97		%
Indium	115-2				96		%
Iron	56-2	8840.74	8648.73	8694.73	8728.07	1.15	ppb
Iron	57-2	9020.81	8920.77	8932.34	8957.97	0.61	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-05	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(0.5)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 13:36:05	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	9046.74	9063.66	8965.97	9025.46	0.58	ppb
Krypton	83-1						cps
Lead	206-1	17.35	17.30	17.06	17.24	0.91	ppb
Lead	207-1	16.02	16.26	16.04	16.10	0.82	ppb
Lead	208-1	16.54	16.64	16.44	16.54	0.62	ppb
Lithium	6-1				95		%
Magnesium	24-2	16000.45	15957.87	15972.61	15976.98	0.14	ppb
Manganese	55-2	946.12	942.26	944.39	944.25	0.20	ppb
Molybdenum	94-1	3.03	3.24	3.09	3.12	3.57	ppb
Molybdenum	95-1	3.10	3.11	3.15	3.12	0.93	ppb
Molybdenum	96-1	3.16	3.23	3.18	3.19	1.10	ppb
Molybdenum	97-1	3.00	3.06	3.03	3.03	0.99	ppb
Molybdenum	98-1	3.14	2.99	3.21	3.11	3.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	15.02	15.29	15.19	15.16	0.91	ppb
Phosphorus	31-2	789.44	705.28	725.80	740.17	5.93	ppb
Potassium	39-2	3805.47	3784.66	3799.82	3796.65	0.28	ppb
Rhodium	103-1				93		%
Rhodium	103-2				95		%
Scandium	45-1				95		%
Scandium	45-2				97		%
Selenium	82-1	0.61	0.79	1.21	0.87	35.34	ppb
Selenium	77-2	1.97	0.49	0.99	1.15	65.64	ppb
Selenium	78-2	0.63	0.05	0.47	0.39	79.01	ppb
Silicon	28-1	7041.10	7040.59	6995.37	7025.69	0.37	ppb
Silver	107-1	0.45	0.44	0.42	0.43	3.03	ppb
Silver	109-1	0.42	0.43	0.44	0.43	1.89	ppb
Sodium	23-2	44804.65	44710.74	44569.21	44694.86	0.27	ppb
Strontium	86-1	225.03	226.53	227.47	226.34	0.54	ppb
Strontium	88-1	226.96	229.32	229.06	228.45	0.57	ppb
Sulfur	34-1	22478.07	22630.09	22652.36	22586.84	0.42	ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	0.02	0.01	0.02	0.02	32.22	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	20.04	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-05	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(0.5)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 13:36:05	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.37	0.36	0.36	0.37	0.77	ppb
Tin	118-1	1.64	1.83	1.61	1.69	7.17	ppb
Titanium	47-1	74.57	79.28	70.81	74.89	5.66	ppb
Uranium	238-1	0.49	0.32	0.33	0.38	24.61	ppb
Vanadium	51-2	6.23	6.38	6.34	6.32	1.28	ppb
Yttrium	89-1				97		%
Yttrium	89-2				97		%
Zinc	66-2	81.53	81.80	80.55	81.29	0.81	ppb
Zirconium	90-1	0.56	0.72	0.64	0.64	12.16	ppb
Zirconium	91-1	0.60	0.99	0.67	0.75	27.89	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-05DUP	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(0.5)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 13:39:11	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2032.44	2148.50	2038.97	2073.30	3.14	ppb
Antimony	121-1	0.73	0.74	0.76	0.74	1.69	ppb
Arsenic	75-2	6.13	6.64	6.69	6.49	4.81	ppb
Barium	135-1	130.57	133.46	132.07	132.03	1.10	ppb
Barium	137-1	130.69	133.82	134.81	133.11	1.62	ppb
Beryllium	9-1	0.14	0.15	0.12	0.13	11.63	ppb
Bismuth	209-1				97		%
Bismuth	209-2				96		%
Boron	10-1	139.49	144.52	142.19	142.07	1.77	ppb
Boron	11-1	145.36	146.55	150.22	147.38	1.72	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.26	0.17	0.13	0.19	35.61	ppb
Cadmium	106-1	0.90	-0.26	-0.28	0.12	562.65	ppb
Cadmium	108-1	0.34	0.16	0.46	0.32	47.41	ppb
Calcium	43-1	45927.25	45922.11	45869.28	45906.21	0.07	ppb
Calcium	44-1	43552.18	43611.79	43485.42	43549.80	0.15	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	23.76	24.10	23.93	23.93	0.71	ppb
Cobalt	59-2	2.25	2.24	2.31	2.27	1.67	ppb
Copper	63-2	42.81	42.68	43.26	42.92	0.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	56-2	8776.62	8642.36	8567.45	8662.14	1.22	ppb
Iron	57-2	8881.37	8948.32	8995.18	8941.62	0.64	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-05DUP	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(0.5)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 13:39:11	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	9130.26	9057.06	8968.15	9051.82	0.90	ppb
Krypton	83-1						cps
Lead	206-1	17.32	17.35	17.36	17.34	0.12	ppb
Lead	207-1	16.06	16.09	16.34	16.16	0.92	ppb
Lead	208-1	16.60	16.66	16.74	16.67	0.43	ppb
Lithium	6-1				96		%
Magnesium	24-2	16021.64	15881.30	15839.90	15914.28	0.60	ppb
Manganese	55-2	943.99	941.32	936.75	940.68	0.39	ppb
Molybdenum	94-1	3.17	3.53	2.87	3.19	10.34	ppb
Molybdenum	95-1	3.15	2.88	2.91	2.98	4.93	ppb
Molybdenum	96-1	3.08	3.05	3.09	3.07	0.62	ppb
Molybdenum	97-1	2.83	3.12	2.88	2.94	5.21	ppb
Molybdenum	98-1	3.16	3.11	3.28	3.18	2.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	14.97	14.65	15.11	14.91	1.59	ppb
Phosphorus	31-2	733.34	800.48	787.95	773.92	4.61	ppb
Potassium	39-2	3774.85	3780.80	3752.26	3769.30	0.40	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				96		%
Scandium	45-2				98		%
Selenium	82-1	0.58	1.19	1.09	0.95	34.34	ppb
Selenium	77-2	1.49	0.49	1.44	1.14	49.63	ppb
Selenium	78-2	0.00	0.76	0.00	0.25	173.58	ppb
Silicon	28-1	7097.69	7048.49	6988.73	7044.97	0.77	ppb
Silver	107-1	0.45	0.47	0.42	0.45	6.20	ppb
Silver	109-1	0.40	0.45	0.46	0.43	7.00	ppb
Sodium	23-2	44930.99	44683.71	44302.51	44639.07	0.71	ppb
Strontium	86-1	226.82	229.83	225.93	227.53	0.90	ppb
Strontium	88-1	227.39	231.83	227.24	228.82	1.14	ppb
Sulfur	34-1	22622.74	22769.22	22572.50	22654.82	0.45	ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	0.03	0.02	0.02	0.02	18.12	ppb
Thallium	205-1	0.02	0.02	0.03	0.02	16.79	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-05DUP	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(0.5)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 13:39:11	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.34	0.36	0.37	0.36	4.27	ppb
Tin	118-1	1.73	1.83	1.80	1.79	3.11	ppb
Titanium	47-1	77.71	71.33	79.79	76.28	5.78	ppb
Uranium	238-1	0.33	0.33	0.32	0.33	1.51	ppb
Vanadium	51-2	6.46	6.15	6.38	6.33	2.57	ppb
Yttrium	89-1				98		%
Yttrium	89-2				98		%
Zinc	66-2	79.79	77.28	77.48	78.19	1.79	ppb
Zirconium	90-1	0.66	0.65	0.58	0.63	6.66	ppb
Zirconium	91-1	0.69	0.68	0.77	0.71	6.51	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-05LX5	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(0.5)L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-24 13:42:18	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	396.67	424.48	384.28	401.81	5.12	ppb
Antimony	121-1	0.13	0.12	0.17	0.14	17.75	ppb
Arsenic	75-2	1.57	1.39	1.29	1.42	10.10	ppb
Barium	135-1	24.76	25.30	26.10	25.39	2.65	ppb
Barium	137-1	24.85	26.16	25.34	25.45	2.61	ppb
Beryllium	9-1	0.08	0.04	0.04	0.05	49.88	ppb
Bismuth	209-1				98		%
Bismuth	209-2				96		%
Boron	10-1	35.74	33.25	33.28	34.09	4.19	ppb
Boron	11-1	35.08	33.83	35.18	34.70	2.18	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.10	-0.01	0.02	0.04	151.60	ppb
Cadmium	106-1	1.03	-0.52	-0.33	0.06	1470.66	ppb
Cadmium	108-1	0.01	-0.05	0.04	0.00		ppb
Calcium	43-1	8902.18	8895.18	8932.84	8910.07	0.22	ppb
Calcium	44-1	9001.35	8973.14	8985.32	8986.60	0.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.52	4.42	4.62	4.52	2.16	ppb
Cobalt	59-2	0.43	0.43	0.44	0.43	1.56	ppb
Copper	63-2	8.42	8.55	8.46	8.48	0.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				97		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	1708.80	1736.15	1725.77	1723.57	0.80	ppb
Iron	57-2	1734.53	1727.05	1747.60	1736.39	0.60	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-05LX5	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(0.5)L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-24 13:42:18	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	1751.45	1730.42	1749.86	1743.91	0.67	ppb
Krypton	83-1						cps
Lead	206-1	3.32	3.33	3.27	3.31	0.95	ppb
Lead	207-1	3.08	3.08	2.99	3.05	1.71	ppb
Lead	208-1	3.15	3.18	3.14	3.16	0.61	ppb
Lithium	6-1				97		%
Magnesium	24-2	3050.82	3072.25	3079.53	3067.53	0.49	ppb
Manganese	55-2	181.00	183.31	182.73	182.35	0.66	ppb
Molybdenum	94-1	0.80	0.53	0.58	0.64	22.54	ppb
Molybdenum	95-1	0.60	0.59	0.58	0.59	1.31	ppb
Molybdenum	96-1	0.58	0.58	0.58	0.58	0.80	ppb
Molybdenum	97-1	0.63	0.60	0.56	0.59	6.23	ppb
Molybdenum	98-1	0.59	0.59	0.55	0.58	4.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.89	2.99	2.91	2.93	1.77	ppb
Phosphorus	31-2	150.33	161.12	146.46	152.64	4.98	ppb
Potassium	39-2	742.95	743.98	744.77	743.90	0.12	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				97		%
Scandium	45-2				98		%
Selenium	82-1	0.16	-0.47	0.81	0.17	386.02	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.12	-0.05	0.01	-0.05		ppb
Silicon	28-1	1374.34	1427.23	1342.52	1381.37	3.10	ppb
Silver	107-1	0.09	0.09	0.11	0.10	8.28	ppb
Silver	109-1	0.09	0.10	0.09	0.09	3.53	ppb
Sodium	23-2	8730.30	8833.85	8802.74	8788.97	0.60	ppb
Strontium	86-1	42.60	44.08	44.01	43.56	1.91	ppb
Strontium	88-1	44.37	44.05	44.32	44.25	0.39	ppb
Sulfur	34-1	4053.66	4073.84	3863.60	3997.03	2.90	ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1	0.00	-0.01	0.00	0.00		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-05LX5	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(0.5)L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-24 13:42:18	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.07	0.07	0.06	0.06	6.68	ppb
Tin	118-1	0.32	0.28	0.34	0.31	10.24	ppb
Titanium	47-1	13.34	13.44	13.33	13.37	0.45	ppb
Uranium	238-1	0.06	0.06	0.07	0.06	14.53	ppb
Vanadium	51-2	1.27	1.23	1.16	1.22	4.43	ppb
Yttrium	89-1				98		%
Yttrium	89-2				98		%
Zinc	66-2	15.55	15.61	16.00	15.72	1.54	ppb
Zirconium	90-1	0.13	0.10	0.12	0.12	12.19	ppb
Zirconium	91-1	0.06	0.14	0.13	0.11	39.49	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-16	Instrumnet Name :	P7
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 13:45:29	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	111.20	100.16	109.23	106.87	5.51	ppb
Antimony	121-1	0.23	0.20	0.21	0.21	5.64	ppb
Arsenic	75-2	3.34	3.15	3.46	3.32	4.81	ppb
Barium	135-1	61.28	59.91	61.96	61.05	1.71	ppb
Barium	137-1	62.16	61.71	63.13	62.33	1.17	ppb
Beryllium	9-1	0.04	0.02	0.02	0.03	44.25	ppb
Bismuth	209-1				97		%
Bismuth	209-2				96		%
Boron	10-1	86.01	89.43	97.48	90.97	6.47	ppb
Boron	11-1	90.61	93.27	96.01	93.30	2.90	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.06	0.04	0.07	0.06	28.25	ppb
Cadmium	106-1	0.85	0.47	0.97	0.76	34.06	ppb
Cadmium	108-1	0.04	0.19	0.01	0.08	118.36	ppb
Calcium	43-1	23660.17	23640.06	23807.70	23702.64	0.39	ppb
Calcium	44-1	22521.67	22413.76	22319.98	22418.47	0.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.46	0.50	0.46	0.47	4.57	ppb
Cobalt	59-2	0.51	0.53	0.60	0.55	8.87	ppb
Copper	63-2	1.08	1.12	1.06	1.09	3.09	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				101		%
Holmium	165-2				97		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	2915.30	2939.89	2906.85	2920.68	0.59	ppb
Iron	57-2	2935.66	2945.40	2951.24	2944.10	0.27	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-16	Instrumnet Name :	P7
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 13:45:29	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2947.77	2977.92	2974.73	2966.81	0.56	ppb
Krypton	83-1						cps
Lead	206-1	0.66	0.68	0.67	0.67	1.09	ppb
Lead	207-1	0.65	0.60	0.63	0.63	4.16	ppb
Lead	208-1	0.64	0.64	0.64	0.64	0.41	ppb
Lithium	6-1				97		%
Magnesium	24-2	7244.11	7317.64	7228.58	7263.44	0.65	ppb
Manganese	55-2	543.33	548.27	544.43	545.34	0.48	ppb
Molybdenum	94-1	0.58	0.58	0.61	0.59	3.81	ppb
Molybdenum	95-1	0.69	0.72	0.64	0.68	6.00	ppb
Molybdenum	96-1	0.71	0.66	0.71	0.69	4.33	ppb
Molybdenum	97-1	0.72	0.69	0.68	0.70	2.82	ppb
Molybdenum	98-1	0.71	0.68	0.71	0.70	2.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.42	2.21	2.32	2.32	4.58	ppb
Phosphorus	31-2	196.19	225.81	202.06	208.02	7.54	ppb
Potassium	39-2	5209.59	5217.28	5222.29	5216.39	0.12	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				96		%
Scandium	45-2				97		%
Selenium	82-1	0.49	0.38	0.92	0.60	47.39	ppb
Selenium	77-2	0.00	0.00	0.49	0.16	173.21	ppb
Selenium	78-2	0.22	0.67	-0.43	0.15	368.31	ppb
Silicon	28-1	4128.23	4050.43	4094.26	4090.98	0.95	ppb
Silver	107-1	0.01	0.00	0.00	0.00	63.34	ppb
Silver	109-1	0.01	0.01	0.01	0.01	28.27	ppb
Sodium	23-2	22971.76	22996.41	22586.15	22851.44	1.01	ppb
Strontium	86-1	113.44	115.60	112.69	113.91	1.32	ppb
Strontium	88-1	114.46	115.40	115.59	115.15	0.53	ppb
Sulfur	34-1	10631.87	10613.99	10420.12	10555.33	1.11	ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-16	Instrumnet Name :	P7
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 13:45:29	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.02	0.02	0.02	19.04	ppb
Tin	118-1	0.07	0.07	0.07	0.07	2.43	ppb
Titanium	47-1	2.61	2.79	2.60	2.67	4.08	ppb
Uranium	238-1	0.05	0.05	0.05	0.05	2.60	ppb
Vanadium	51-2	0.93	0.96	0.81	0.90	9.04	ppb
Yttrium	89-1				99		%
Yttrium	89-2				97		%
Zinc	66-2	24.17	24.85	24.59	24.54	1.40	ppb
Zirconium	90-1	0.08	0.13	0.08	0.10	32.09	ppb
Zirconium	91-1	0.06	0.10	0.04	0.07	47.29	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-06	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(0.5)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 13:48:36	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11188.25	11296.65	11110.54	11198.48	0.83	ppb
Antimony	121-1	490.33	502.83	496.01	496.39	1.26	ppb
Arsenic	75-2	520.22	514.94	514.01	516.39	0.65	ppb
Barium	135-1	2656.45	2720.34	2700.70	2692.50	1.22	ppb
Barium	137-1	2659.72	2724.54	2727.24	2703.83	1.41	ppb
Beryllium	9-1	500.10	493.59	500.39	498.02	0.77	ppb
Bismuth	209-1				89		%
Bismuth	209-2				85		%
Boron	10-1	645.39	662.54	680.52	662.82	2.65	ppb
Boron	11-1	651.08	649.45	674.80	658.44	2.16	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	504.03	509.04	500.59	504.55	0.84	ppb
Cadmium	106-1	497.37	522.38	496.39	505.38	2.91	ppb
Cadmium	108-1	524.39	522.35	521.48	522.74	0.29	ppb
Calcium	43-1	99011.29	100703.76	100371.52	100028.85	0.90	ppb
Calcium	44-1	93630.83	93543.71	93668.64	93614.39	0.07	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	513.58	516.73	511.44	513.92	0.52	ppb
Cobalt	59-2	514.91	515.72	513.44	514.69	0.22	ppb
Copper	63-2	5658.95	5639.88	5691.82	5663.55	0.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				89		%
Indium	115-1				87		%
Indium	115-2				84		%
Iron	56-2	30984.77	31079.47	30731.30	30931.85	0.58	ppb
Iron	57-2	31449.15	31531.15	31310.36	31430.22	0.36	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-06	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(0.5)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 13:48:36	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	32076.33	32112.36	32038.19	32075.62	0.12	ppb
Krypton	83-1						cps
Lead	206-1	2617.81	2572.20	2602.02	2597.34	0.89	ppb
Lead	207-1	2629.60	2603.49	2590.34	2607.81	0.77	ppb
Lead	208-1	2606.39	2587.54	2596.96	2596.96	0.36	ppb
Lithium	6-1				86		%
Magnesium	24-2	66484.23	65957.70	65370.97	65937.63	0.84	ppb
Manganese	55-2	6554.50	6588.86	6578.07	6573.81	0.27	ppb
Molybdenum	94-1	3864.70	3937.06	3908.32	3903.36	0.93	ppb
Molybdenum	95-1	4454.57	4627.09	4557.72	4546.46	1.91	ppb
Molybdenum	96-1	4343.47	4546.68	4523.36	4471.17	2.49	ppb
Molybdenum	97-1	4464.09	4558.16	4571.13	4531.12	1.29	ppb
Molybdenum	98-1	4489.54	4579.25	4578.14	4548.98	1.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	519.39	516.47	515.64	517.17	0.38	ppb
Phosphorus	31-2	331.06	323.48	327.97	327.50	1.16	ppb
Potassium	39-2	29333.97	29267.14	29475.64	29358.92	0.36	ppb
Rhodium	103-1				82		%
Rhodium	103-2				82		%
Scandium	45-1				85		%
Scandium	45-2				84		%
Selenium	82-1	510.84	514.26	508.89	511.33	0.53	ppb
Selenium	77-2	502.61	485.71	516.17	501.50	3.04	ppb
Selenium	78-2	496.98	512.99	515.56	508.51	1.98	ppb
Silicon	28-1	5932.26	5958.95	6045.87	5979.03	0.99	ppb
Silver	107-1	472.83	603.26	503.35	526.48	12.96	ppb
Silver	109-1	496.20	578.76	475.67	516.88	10.56	ppb
Sodium	23-2	96505.49	96424.82	95997.81	96309.37	0.28	ppb
Strontium	86-1	5207.63	5292.85	5234.12	5244.86	0.83	ppb
Strontium	88-1	5229.11	5245.60	5267.63	5247.44	0.37	ppb
Sulfur	34-1	23355.83	23376.00	22663.69	23131.84	1.75	ppb
Terbium	159-1				91		%
Terbium	159-2				88		%
Thallium	203-1	500.18	498.73	504.62	501.18	0.61	ppb
Thallium	205-1	509.53	505.63	507.54	507.57	0.38	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-06	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(0.5)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 13:48:36	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.12	0.12	0.11	0.12	5.73	ppb
Tin	118-1	519.96	525.15	518.70	521.27	0.66	ppb
Titanium	47-1	4623.60	4653.39	4624.87	4633.95	0.36	ppb
Uranium	238-1	511.29	511.21	520.86	514.45	1.08	ppb
Vanadium	51-2	509.79	514.04	508.85	510.89	0.54	ppb
Yttrium	89-1				88		%
Yttrium	89-2				85		%
Zinc	66-2	5476.46	5492.79	5481.81	5483.69	0.15	ppb
Zirconium	90-1	494.80	505.50	501.09	500.47	1.07	ppb
Zirconium	91-1	485.79	500.32	493.52	493.21	1.47	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	CCV14	Instrumnet Name :	P7
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 13:52:41	DataFile Name :	033CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51005.92	51078.91	50259.83	50781.55	0.89	ppb
Antimony	121-1	487.20	488.65	481.64	485.83	0.76	ppb
Arsenic	75-2	524.03	518.51	518.55	520.36	0.61	ppb
Barium	135-1	2485.35	2466.97	2446.23	2466.19	0.79	ppb
Barium	137-1	2502.22	2484.71	2478.28	2488.41	0.50	ppb
Beryllium	9-1	494.22	503.24	499.25	498.90	0.91	ppb
Bismuth	209-1				90		%
Bismuth	209-2				85		%
Boron	10-1	488.07	520.28	513.87	507.40	3.36	ppb
Boron	11-1	492.52	511.05	525.99	509.85	3.29	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	513.22	509.02	504.13	508.79	0.89	ppb
Cadmium	106-1	500.37	503.24	498.59	500.74	0.47	ppb
Cadmium	108-1	511.51	507.91	500.35	506.59	1.12	ppb
Calcium	43-1	264450.92	265612.58	265389.27	265150.93	0.23	ppb
Calcium	44-1	247667.19	250799.06	248908.85	249125.03	0.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	509.56	503.56	501.08	504.74	0.86	ppb
Cobalt	59-2	499.79	495.98	492.51	496.09	0.73	ppb
Copper	63-2	5145.81	5104.95	5073.76	5108.17	0.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				92		%
Indium	115-1				89		%
Indium	115-2				86		%
Iron	56-2	129401.49	126945.37	126739.99	127695.62	1.16	ppb
Iron	57-2	131175.46	129954.79	129561.40	130230.55	0.65	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	CCV14	Instrumnet Name :	P7
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 13:52:41	DataFile Name :	033CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	129047.65	127747.80	126635.42	127810.29	0.94	ppb
Krypton	83-1						cps
Lead	206-1	2592.19	2594.87	2578.89	2588.65	0.33	ppb
Lead	207-1	2589.20	2575.59	2573.87	2579.55	0.33	ppb
Lead	208-1	2592.38	2590.52	2579.44	2587.45	0.27	ppb
Lithium	6-1				88		%
Magnesium	24-2	250565.79	250783.32	249778.78	250375.96	0.21	ppb
Manganese	55-2	5243.35	5219.20	5183.00	5215.18	0.58	ppb
Molybdenum	94-1	2538.91	2528.66	2522.13	2529.90	0.33	ppb
Molybdenum	95-1	2515.03	2537.70	2521.27	2524.66	0.46	ppb
Molybdenum	96-1	2515.96	2534.61	2520.15	2523.57	0.39	ppb
Molybdenum	97-1	2539.35	2571.92	2561.19	2557.49	0.65	ppb
Molybdenum	98-1	2523.07	2546.34	2535.88	2535.10	0.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	497.52	493.75	488.69	493.32	0.90	ppb
Phosphorus	31-2	10242.08	10045.75	10062.12	10116.65	1.08	ppb
Potassium	39-2	125517.89	125504.75	123528.51	124850.38	0.92	ppb
Rhodium	103-1				83		%
Rhodium	103-2				83		%
Scandium	45-1				87		%
Scandium	45-2				89		%
Selenium	82-1	521.67	522.81	529.53	524.67	0.81	ppb
Selenium	77-2	523.21	516.24	548.08	529.18	3.16	ppb
Selenium	78-2	516.11	520.31	518.38	518.27	0.41	ppb
Silicon	28-1	489.67	498.79	515.18	501.21	2.58	ppb
Silver	107-1	487.67	492.15	475.36	485.06	1.79	ppb
Silver	109-1	491.67	485.52	483.97	487.05	0.84	ppb
Sodium	23-2	254139.39	252096.50	250586.38	252274.09	0.71	ppb
Strontium	86-1	5023.55	5110.80	5076.27	5070.20	0.87	ppb
Strontium	88-1	5040.26	5073.83	5131.40	5081.83	0.91	ppb
Sulfur	34-1	10338.58	10173.31	10120.41	10210.77	1.11	ppb
Terbium	159-1				96		%
Terbium	159-2				92		%
Thallium	203-1	510.41	512.76	509.91	511.03	0.30	ppb
Thallium	205-1	520.18	520.43	520.24	520.28	0.03	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	CCV14	Instrumnet Name :	P7
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 13:52:41	DataFile Name :	033CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	532.58	526.36	525.35	528.10	0.74	ppb
Tin	118-1	496.83	495.83	488.02	493.56	0.98	ppb
Titanium	47-1	2526.81	2518.37	2527.98	2524.39	0.21	ppb
Uranium	238-1	533.53	530.26	530.84	531.55	0.33	ppb
Vanadium	51-2	514.70	507.40	500.80	507.64	1.37	ppb
Yttrium	89-1				91		%
Yttrium	89-2				89		%
Zinc	66-2	5137.77	5096.96	5060.70	5098.48	0.76	ppb
Zirconium	90-1	514.98	518.03	517.69	516.90	0.32	ppb
Zirconium	91-1	504.60	512.76	507.28	508.21	0.82	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	CCB14	Instrumnet Name :	P7
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 13:59:21	DataFile Name :	034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.58	2.12	5.27	3.32	51.15	ppb
Antimony	121-1	0.10	0.12	0.09	0.10	11.83	ppb
Arsenic	75-2	0.03	-0.02	0.02	0.01	256.46	ppb
Barium	135-1	0.05	0.03	0.03	0.03	29.16	ppb
Barium	137-1	0.06	0.05	0.04	0.05	11.43	ppb
Beryllium	9-1	0.09	0.04	0.05	0.06	39.60	ppb
Bismuth	209-1				96		%
Bismuth	209-2				94		%
Boron	10-1	9.71	9.43	9.91	9.69	2.49	ppb
Boron	11-1	9.19	10.31	9.34	9.61	6.33	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.09	-0.07	-0.29	-0.15		ppb
Cadmium	106-1	-1.41	-1.42	-4.26	-2.36		ppb
Cadmium	108-1	0.04	0.11	0.01	0.06	86.19	ppb
Calcium	43-1	2.43	8.79	5.39	5.53	57.50	ppb
Calcium	44-1	6.96	2.75	4.56	4.76	44.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	0.07	0.03	0.05	48.27	ppb
Cobalt	59-2	0.00	0.01	0.01	0.01	26.41	ppb
Copper	63-2	0.24	0.20	0.21	0.22	11.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				95		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	56-2	2.47	2.25	2.34	2.35	4.78	ppb
Iron	57-2	0.97	1.44	2.41	1.61	45.59	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	CCB14	Instrumnet Name :	P7
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 13:59:21	DataFile Name :	034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2.27	3.15	2.85	2.75	16.21	ppb
Krypton	83-1						cps
Lead	206-1	0.14	0.10	0.12	0.12	17.19	ppb
Lead	207-1	0.10	0.11	0.12	0.11	11.03	ppb
Lead	208-1	0.12	0.11	0.12	0.12	4.86	ppb
Lithium	6-1				95		%
Magnesium	24-2	4.96	4.39	4.19	4.51	8.83	ppb
Manganese	55-2	0.12	0.15	0.11	0.13	17.75	ppb
Molybdenum	94-1	0.07	0.11	0.13	0.11	26.11	ppb
Molybdenum	95-1	0.12	0.13	0.12	0.13	4.10	ppb
Molybdenum	96-1	0.12	0.09	0.06	0.09	29.55	ppb
Molybdenum	97-1	0.12	0.06	0.07	0.08	37.45	ppb
Molybdenum	98-1	0.12	0.11	0.10	0.11	8.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.01	0.00	-0.01		ppb
Phosphorus	31-2	-6.26	-2.17	-7.47	-5.30		ppb
Potassium	39-2	26.35	32.30	22.16	26.94	18.91	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				95		%
Scandium	45-2				96		%
Selenium	82-1	-0.25	0.50	-0.27	-0.01		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.92	1.25	-0.70	0.49	211.91	ppb
Silicon	28-1	9.09	4.14	5.19	6.14	42.49	ppb
Silver	107-1	0.06	0.12	0.04	0.08	51.16	ppb
Silver	109-1	0.08	0.03	0.58	0.23	131.82	ppb
Sodium	23-2	46.38	45.54	43.47	45.13	3.31	ppb
Strontium	86-1	0.09	0.09	0.06	0.08	18.89	ppb
Strontium	88-1	0.10	0.08	0.10	0.09	14.64	ppb
Sulfur	34-1	235.72	-420.18	-292.41	-158.96		ppb
Terbium	159-1				98		%
Terbium	159-2				95		%
Thallium	203-1	0.08	0.08	0.09	0.08	4.77	ppb
Thallium	205-1	0.08	0.09	0.08	0.09	6.69	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	CCB14	Instrumnet Name :	P7
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 13:59:21	DataFile Name :	034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.01	0.01	0.01	24.70	ppb
Tin	118-1	0.01	0.03	0.00	0.01	96.64	ppb
Titanium	47-1	0.06	0.12	0.04	0.07	58.38	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	8.41	ppb
Vanadium	51-2	0.00	0.01	0.02	0.01	78.19	ppb
Yttrium	89-1				98		%
Yttrium	89-2				96		%
Zinc	66-2	0.24	0.32	0.16	0.24	33.77	ppb
Zirconium	90-1	0.02	0.02	0.03	0.02	25.89	ppb
Zirconium	91-1	0.05	0.01	0.02	0.03	69.62	ppb

LB Number : LB116498 Operator : JASWAL
 Lab Sample ID : PB139327BL Instrumnet Name : P7
 Client Sample ID : PB139327BL Dilution Factor : 1
 Date & Time Acquired :: 2021-09-24 14:02:29 DataFile Name : 035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.28	0.44	2.20	0.97	109.43	ppb
Antimony	121-1	0.03	0.04	0.04	0.04	20.65	ppb
Arsenic	75-2	0.04	-0.03	-0.02	0.00		ppb
Barium	135-1	0.03	0.01	0.01	0.02	61.74	ppb
Barium	137-1	0.00	0.01	0.01	0.01	64.95	ppb
Beryllium	9-1	0.07	0.04	0.07	0.06	25.40	ppb
Bismuth	209-1				97		%
Bismuth	209-2				95		%
Boron	10-1	7.91	9.03	8.14	8.36	7.10	ppb
Boron	11-1	8.26	8.61	8.04	8.30	3.48	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.02	-0.08	-0.09	-0.05		ppb
Cadmium	106-1	0.20	-0.92	-1.15	-0.62		ppb
Cadmium	108-1	0.16	0.14	0.22	0.17	26.11	ppb
Calcium	43-1	3.04	2.17	3.15	2.79	19.12	ppb
Calcium	44-1	0.38	0.20	0.26	0.28	32.89	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	0.00	0.00	0.00	0.00	1002.10	ppb
Copper	63-2	0.10	0.09	0.10	0.10	2.01	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				99		%
Holmium	165-2				95		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	56-2	0.37	0.54	0.51	0.47	19.42	ppb
Iron	57-2	2.10	0.22	-0.39	0.64	202.29	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	PB139327BL	Instrumnet Name :	P7
Client Sample ID :	PB139327BL	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 14:02:29	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	-1.04	-0.01	1.79	0.25	578.54	ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.13	0.09	0.10	25.56	ppb
Lead	207-1	0.06	0.10	0.09	0.08	27.96	ppb
Lead	208-1	0.07	0.09	0.08	0.08	11.25	ppb
Lithium	6-1				95		%
Magnesium	24-2	1.37	1.92	1.30	1.53	22.12	ppb
Manganese	55-2	0.03	0.07	0.03	0.04	59.73	ppb
Molybdenum	94-1	0.04	0.04	0.04	0.04	7.51	ppb
Molybdenum	95-1	0.02	0.04	0.03	0.03	31.49	ppb
Molybdenum	96-1	0.05	0.02	0.03	0.03	30.62	ppb
Molybdenum	97-1	0.03	0.05	0.04	0.04	28.21	ppb
Molybdenum	98-1	0.04	0.02	0.04	0.03	36.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.02	-0.03	-0.01		ppb
Phosphorus	31-2	-9.64	-6.49	7.51	-2.87		ppb
Potassium	39-2	23.12	18.52	22.65	21.43	11.81	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				95		%
Scandium	45-2				96		%
Selenium	82-1	0.15	0.21	0.42	0.26	53.49	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.51	0.25	0.06	0.28	81.68	ppb
Silicon	28-1	2.81	2.38	2.88	2.69	9.97	ppb
Silver	107-1	0.04	0.01	0.02	0.02	67.50	ppb
Silver	109-1	0.02	0.02	0.02	0.02	6.48	ppb
Sodium	23-2	29.13	29.66	31.45	30.08	4.03	ppb
Strontium	86-1	0.04	0.04	0.00	0.02	83.98	ppb
Strontium	88-1	0.02	0.02	0.02	0.02	16.72	ppb
Sulfur	34-1	-65.69	-257.52	-88.18	-137.13		ppb
Terbium	159-1				99		%
Terbium	159-2				95		%
Thallium	203-1	0.05	0.04	0.02	0.04	35.23	ppb
Thallium	205-1	0.04	0.05	0.04	0.05	10.19	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	PB139327BL	Instrumnet Name :	P7
Client Sample ID :	PB139327BL	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 14:02:29	DataFile Name :	035CCBE.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	0.00	0.00	0.00		ppb
Titanium	47-1	0.03	0.03	0.03	0.03	18.01	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	65.45	ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	130.27	ppb
Yttrium	89-1				98		%
Yttrium	89-2				96		%
Zinc	66-2	0.27	0.19	0.11	0.19	42.81	ppb
Zirconium	90-1	0.02	0.02	0.03	0.02	32.21	ppb
Zirconium	91-1	0.01	0.01	0.00	0.01	121.81	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	PB139327BS	Instrumnet Name :	P7
Client Sample ID :	PB139327BS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 14:05:39	DataFile Name :	036LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10385.97	10297.71	10236.13	10306.60	0.73	ppb
Antimony	121-1	485.88	492.51	481.58	486.66	1.13	ppb
Arsenic	75-2	495.44	499.93	503.31	499.56	0.79	ppb
Barium	135-1	2436.45	2471.92	2420.35	2442.91	1.08	ppb
Barium	137-1	2472.92	2505.73	2429.12	2469.25	1.56	ppb
Beryllium	9-1	493.12	494.40	493.80	493.77	0.13	ppb
Bismuth	209-1				93		%
Bismuth	209-2				88		%
Boron	10-1	477.45	482.46	494.71	484.87	1.83	ppb
Boron	11-1	463.95	483.18	497.42	481.52	3.49	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	501.81	507.55	497.55	502.30	1.00	ppb
Cadmium	106-1	503.74	506.10	491.20	500.35	1.60	ppb
Cadmium	108-1	500.00	512.06	497.35	503.14	1.56	ppb
Calcium	43-1	54071.84	54088.60	54136.57	54099.00	0.06	ppb
Calcium	44-1	50935.55	50804.06	50761.75	50833.79	0.18	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	506.79	508.03	501.98	505.60	0.63	ppb
Cobalt	59-2	510.86	511.06	502.69	508.20	0.94	ppb
Copper	63-2	5175.20	5156.46	5040.85	5124.17	1.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				91		%
Indium	115-1				91		%
Indium	115-2				86		%
Iron	56-2	26205.49	26185.65	25830.45	26073.86	0.81	ppb
Iron	57-2	26522.99	26748.51	26272.28	26514.59	0.90	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	PB139327BS	Instrumnet Name :	P7
Client Sample ID :	PB139327BS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 14:05:39	DataFile Name :	036LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	27569.06	27332.85	27119.38	27340.43	0.82	ppb
Krypton	83-1						cps
Lead	206-1	2558.04	2524.37	2513.91	2532.11	0.91	ppb
Lead	207-1	2540.94	2535.18	2509.03	2528.38	0.67	ppb
Lead	208-1	2547.75	2522.68	2524.82	2531.75	0.55	ppb
Lithium	6-1				89		%
Magnesium	24-2	50863.25	51038.15	50154.84	50685.41	0.92	ppb
Manganese	55-2	5105.25	5102.50	5026.20	5077.98	0.88	ppb
Molybdenum	94-1	2497.64	2504.54	2514.18	2505.46	0.33	ppb
Molybdenum	95-1	2511.92	2520.80	2499.67	2510.80	0.42	ppb
Molybdenum	96-1	2483.65	2511.33	2498.59	2497.86	0.55	ppb
Molybdenum	97-1	2504.17	2532.40	2520.36	2518.98	0.56	ppb
Molybdenum	98-1	2504.66	2528.54	2472.91	2502.04	1.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	511.91	516.47	505.27	511.22	1.10	ppb
Phosphorus	31-2	9994.89	10330.81	9953.68	10093.13	2.05	ppb
Potassium	39-2	27123.53	26966.50	26722.93	26937.65	0.75	ppb
Rhodium	103-1				86		%
Rhodium	103-2				85		%
Scandium	45-1				87		%
Scandium	45-2				86		%
Selenium	82-1	510.47	518.55	528.05	519.03	1.70	ppb
Selenium	77-2	534.67	502.26	500.42	512.45	3.76	ppb
Selenium	78-2	519.76	513.87	525.47	519.70	1.12	ppb
Silicon	28-1	480.63	505.20	509.43	498.42	3.12	ppb
Silver	107-1	497.30	503.41	493.22	497.98	1.03	ppb
Silver	109-1	503.50	504.33	496.14	501.32	0.90	ppb
Sodium	23-2	50919.77	51567.11	50795.54	51094.14	0.81	ppb
Strontium	86-1	5015.55	5031.65	5004.78	5017.33	0.27	ppb
Strontium	88-1	5026.37	5046.71	5047.51	5040.19	0.24	ppb
Sulfur	34-1	10480.05	10639.96	10333.64	10484.55	1.46	ppb
Terbium	159-1				96		%
Terbium	159-2				90		%
Thallium	203-1	491.08	495.52	492.39	493.00	0.46	ppb
Thallium	205-1	506.55	504.17	505.47	505.40	0.24	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	PB139327BS	Instrumnet Name :	P7
Client Sample ID :	PB139327BS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 14:05:39	DataFile Name :	036LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	503.64	496.02	496.28	498.65	0.87	ppb
Tin	118-1	493.36	498.70	489.33	493.80	0.95	ppb
Titanium	47-1	2495.18	2496.84	2467.63	2486.55	0.66	ppb
Uranium	238-1	505.12	500.15	499.85	501.70	0.59	ppb
Vanadium	51-2	501.84	502.12	494.04	499.33	0.92	ppb
Yttrium	89-1				91		%
Yttrium	89-2				87		%
Zinc	66-2	5116.95	5158.93	5034.26	5103.38	1.24	ppb
Zirconium	90-1	501.24	503.01	507.88	504.04	0.68	ppb
Zirconium	91-1	493.02	498.14	500.68	497.28	0.78	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-07	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(0.5)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 14:08:38	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10881.55	10673.30	10791.91	10782.26	0.97	ppb
Antimony	121-1	494.60	479.46	487.87	487.31	1.56	ppb
Arsenic	75-2	510.99	509.20	517.97	512.72	0.90	ppb
Barium	135-1	2675.90	2589.53	2629.86	2631.77	1.64	ppb
Barium	137-1	2690.89	2614.53	2632.12	2645.85	1.51	ppb
Beryllium	9-1	493.32	486.85	487.94	489.37	0.71	ppb
Bismuth	209-1				88		%
Bismuth	209-2				85		%
Boron	10-1	642.02	666.57	675.03	661.21	2.59	ppb
Boron	11-1	635.39	666.17	670.75	657.43	2.93	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	500.98	491.38	492.80	495.05	1.05	ppb
Cadmium	106-1	494.65	475.33	497.57	489.18	2.47	ppb
Cadmium	108-1	513.62	506.73	508.27	509.54	0.71	ppb
Calcium	43-1	98641.47	98330.84	98517.01	98496.44	0.16	ppb
Calcium	44-1	92641.07	92741.10	92350.48	92577.55	0.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	505.35	506.18	510.38	507.30	0.53	ppb
Cobalt	59-2	507.70	505.57	507.59	506.95	0.24	ppb
Copper	63-2	5589.94	5576.40	5552.99	5573.11	0.34	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				88		%
Indium	115-1				85		%
Indium	115-2				83		%
Iron	56-2	29396.77	29275.47	29092.37	29254.87	0.52	ppb
Iron	57-2	29941.59	29835.97	29957.77	29911.78	0.22	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-07	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(0.5)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 14:08:38	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	30640.41	30484.56	30805.86	30643.61	0.52	ppb
Krypton	83-1						cps
Lead	206-1	2600.48	2565.66	2546.16	2570.76	1.07	ppb
Lead	207-1	2633.05	2616.67	2572.32	2607.35	1.21	ppb
Lead	208-1	2596.05	2588.95	2566.90	2583.96	0.59	ppb
Lithium	6-1				84		%
Magnesium	24-2	65997.03	64977.44	65195.57	65390.01	0.82	ppb
Manganese	55-2	6542.80	6417.14	6470.74	6476.89	0.97	ppb
Molybdenum	94-1	4151.64	4144.19	4108.31	4134.71	0.56	ppb
Molybdenum	95-1	4955.20	4923.00	4873.37	4917.19	0.84	ppb
Molybdenum	96-1	4836.06	4826.60	4751.47	4804.71	0.96	ppb
Molybdenum	97-1	4906.02	4864.92	4880.15	4883.70	0.43	ppb
Molybdenum	98-1	4891.04	4889.78	4921.17	4900.66	0.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	508.13	511.51	513.24	510.96	0.51	ppb
Phosphorus	31-2	251.08	245.43	316.06	270.85	14.49	ppb
Potassium	39-2	31011.69	29069.88	28792.34	29624.63	4.08	ppb
Rhodium	103-1				80		%
Rhodium	103-2				82		%
Scandium	45-1				82		%
Scandium	45-2				84		%
Selenium	82-1	505.29	510.15	502.93	506.12	0.73	ppb
Selenium	77-2	502.65	490.88	485.82	493.12	1.75	ppb
Selenium	78-2	505.21	482.92	497.61	495.25	2.29	ppb
Silicon	28-1	5575.20	5518.11	5556.19	5549.83	0.52	ppb
Silver	107-1	506.98	385.98	576.84	489.93	19.71	ppb
Silver	109-1	480.14	414.17	484.69	459.66	8.59	ppb
Sodium	23-2	96074.34	95210.38	96339.78	95874.83	0.62	ppb
Strontium	86-1	5194.33	5137.12	5135.20	5155.55	0.65	ppb
Strontium	88-1	5191.37	5194.26	5185.26	5190.30	0.09	ppb
Sulfur	34-1	22721.52	22785.26	22528.58	22678.45	0.59	ppb
Terbium	159-1				91		%
Terbium	159-2				88		%
Thallium	203-1	492.39	495.28	489.84	492.50	0.55	ppb
Thallium	205-1	507.15	506.61	504.36	506.04	0.29	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-07	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(0.5)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 14:08:38	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.22	0.18	0.16	0.19	15.80	ppb
Tin	118-1	514.66	502.80	505.86	507.77	1.21	ppb
Titanium	47-1	4597.58	4575.44	4538.38	4570.47	0.65	ppb
Uranium	238-1	523.64	520.83	514.70	519.72	0.88	ppb
Vanadium	51-2	500.80	505.55	504.99	503.78	0.51	ppb
Yttrium	89-1				86		%
Yttrium	89-2				84		%
Zinc	66-2	5580.08	5603.40	5585.35	5589.61	0.22	ppb
Zirconium	90-1	493.19	492.32	490.05	491.86	0.33	ppb
Zirconium	91-1	484.84	487.55	483.00	485.13	0.47	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-05A	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(0.5)A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 14:11:39	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11059.33	11164.84	11091.96	11105.38	0.49	ppb
Antimony	121-1	488.07	486.66	483.20	485.98	0.51	ppb
Arsenic	75-2	510.90	518.13	506.19	511.74	1.18	ppb
Barium	135-1	2640.38	2619.67	2623.98	2628.01	0.42	ppb
Barium	137-1	2672.59	2662.68	2669.92	2668.40	0.19	ppb
Beryllium	9-1	489.30	493.34	482.37	488.34	1.14	ppb
Bismuth	209-1				89		%
Bismuth	209-2				84		%
Boron	10-1	665.90	681.54	691.54	679.66	1.90	ppb
Boron	11-1	671.36	674.53	703.30	683.06	2.58	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	492.52	488.13	494.00	491.55	0.62	ppb
Cadmium	106-1	481.36	482.03	494.14	485.85	1.48	ppb
Cadmium	108-1	506.41	506.83	507.24	506.83	0.08	ppb
Calcium	43-1	99205.61	99300.94	99773.23	99426.60	0.31	ppb
Calcium	44-1	93931.76	92958.94	94115.76	93668.82	0.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	507.07	512.62	513.05	510.91	0.65	ppb
Cobalt	59-2	506.64	513.78	514.50	511.64	0.85	ppb
Copper	63-2	5609.69	5691.10	5697.83	5666.21	0.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				88		%
Indium	115-1				85		%
Indium	115-2				82		%
Iron	56-2	30338.58	30263.44	30564.60	30388.88	0.52	ppb
Iron	57-2	30785.16	30733.14	31008.67	30842.32	0.47	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-05A	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(0.5)A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 14:11:39	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	31584.07	31732.82	31894.11	31737.00	0.49	ppb
Krypton	83-1						cps
Lead	206-1	2637.58	2599.23	2599.93	2612.25	0.84	ppb
Lead	207-1	2638.44	2623.02	2620.38	2627.28	0.37	ppb
Lead	208-1	2623.32	2610.54	2598.96	2610.94	0.47	ppb
Lithium	6-1				84		%
Magnesium	24-2	65947.86	66340.50	66106.03	66131.47	0.30	ppb
Manganese	55-2	6582.77	6588.42	6583.27	6584.82	0.05	ppb
Molybdenum	94-1	4050.24	4006.14	3944.85	4000.41	1.32	ppb
Molybdenum	95-1	4717.68	4675.21	4654.49	4682.46	0.69	ppb
Molybdenum	96-1	4625.77	4584.42	4546.55	4585.58	0.86	ppb
Molybdenum	97-1	4700.08	4637.29	4569.49	4635.62	1.41	ppb
Molybdenum	98-1	4720.36	4624.66	4666.13	4670.38	1.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	509.11	517.82	520.28	515.74	1.14	ppb
Phosphorus	31-2	355.79	351.06	312.04	339.63	7.07	ppb
Potassium	39-2	31153.82	30024.30	31503.29	30893.81	2.50	ppb
Rhodium	103-1				80		%
Rhodium	103-2				81		%
Scandium	45-1				82		%
Scandium	45-2				82		%
Selenium	82-1	508.55	501.20	506.95	505.56	0.76	ppb
Selenium	77-2	505.34	489.16	494.80	496.43	1.65	ppb
Selenium	78-2	495.69	504.12	489.23	496.34	1.50	ppb
Silicon	28-1	5825.37	5886.56	5910.21	5874.05	0.75	ppb
Silver	107-1	468.43	526.61	435.23	476.76	9.70	ppb
Silver	109-1	448.31	458.23	457.52	454.69	1.22	ppb
Sodium	23-2	96100.61	97488.41	97934.86	97174.63	0.98	ppb
Strontium	86-1	5276.08	5209.03	5174.03	5219.71	0.99	ppb
Strontium	88-1	5228.62	5270.70	5210.56	5236.63	0.59	ppb
Sulfur	34-1	22589.80	22359.71	22626.12	22525.21	0.64	ppb
Terbium	159-1				92		%
Terbium	159-2				87		%
Thallium	203-1	498.47	500.64	494.82	497.98	0.59	ppb
Thallium	205-1	517.59	504.49	502.90	508.33	1.59	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-05A	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(0.5)A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 14:11:39	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.12	0.13	0.11	0.12	6.06	ppb
Tin	118-1	506.15	505.50	509.88	507.18	0.47	ppb
Titanium	47-1	4607.50	4619.89	4612.18	4613.19	0.14	ppb
Uranium	238-1	518.85	526.33	516.50	520.56	0.99	ppb
Vanadium	51-2	503.57	508.01	506.84	506.14	0.45	ppb
Yttrium	89-1				86		%
Yttrium	89-2				83		%
Zinc	66-2	5504.54	5536.56	5549.16	5530.09	0.42	ppb
Zirconium	90-1	495.48	497.25	491.13	494.62	0.64	ppb
Zirconium	91-1	492.35	487.19	481.53	487.03	1.11	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3752-01	Instrumnet Name :	P7
Client Sample ID :	FB-1P	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 14:14:51	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28426.81	28730.77	28647.44	28601.68	0.55	ppb
Antimony	121-1	2.36	2.49	2.41	2.42	2.84	ppb
Arsenic	75-2	18.90	18.39	18.94	18.74	1.62	ppb
Barium	135-1	148.33	154.42	149.92	150.89	2.09	ppb
Barium	137-1	151.18	153.05	150.55	151.59	0.86	ppb
Beryllium	9-1	1.85	2.02	2.13	2.00	7.02	ppb
Bismuth	209-1				98		%
Bismuth	209-2				93		%
Boron	10-1	154.59	150.72	166.02	157.11	5.06	ppb
Boron	11-1	158.28	154.31	167.03	159.87	4.07	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	2.12	2.10	1.97	2.06	4.11	ppb
Cadmium	106-1	4.18	3.41	2.69	3.43	21.62	ppb
Cadmium	108-1	2.23	1.93	2.68	2.28	16.49	ppb
Calcium	43-1	63944.55	63285.31	64095.07	63774.98	0.68	ppb
Calcium	44-1	61073.87	60243.69	60487.04	60601.54	0.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	114.32	113.70	113.99	114.00	0.27	ppb
Cobalt	59-2	35.53	35.50	35.58	35.54	0.10	ppb
Copper	63-2	219.37	220.46	222.21	220.68	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				99		%
Holmium	165-2				96		%
Indium	115-1				95		%
Indium	115-2				93		%
Iron	56-2	63253.92	63013.27	63378.36	63215.18	0.29	ppb
Iron	57-2	64181.83	64294.14	64488.06	64321.35	0.24	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3752-01	Instrumnet Name :	P7
Client Sample ID :	FB-1P	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 14:14:51	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	63067.88	62484.79	63081.32	62877.99	0.54	ppb
Krypton	83-1						cps
Lead	206-1	267.77	270.07	255.13	264.32	3.04	ppb
Lead	207-1	255.52	255.07	243.20	251.26	2.78	ppb
Lead	208-1	261.53	261.28	249.15	257.32	2.75	ppb
Lithium	6-1				91		%
Magnesium	24-2	15817.66	15817.36	15890.66	15841.90	0.27	ppb
Manganese	55-2	2152.83	2157.20	2164.74	2158.26	0.28	ppb
Molybdenum	94-1	9.20	9.61	9.71	9.51	2.84	ppb
Molybdenum	95-1	4.11	4.14	4.28	4.18	2.21	ppb
Molybdenum	96-1	4.76	5.06	5.03	4.95	3.32	ppb
Molybdenum	97-1	4.26	4.19	4.47	4.31	3.37	ppb
Molybdenum	98-1	4.14	4.17	4.10	4.14	0.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	122.52	124.13	123.14	123.26	0.66	ppb
Phosphorus	31-2	1697.26	1583.25	1655.96	1645.49	3.51	ppb
Potassium	39-2	7445.58	7326.41	7335.88	7369.29	0.90	ppb
Rhodium	103-1				90		%
Rhodium	103-2				92		%
Scandium	45-1				94		%
Scandium	45-2				95		%
Selenium	82-1	1.44	1.23	1.00	1.22	17.83	ppb
Selenium	77-2	14.68	17.81	15.15	15.88	10.63	ppb
Selenium	78-2	3.73	4.13	3.31	3.72	11.05	ppb
Silicon	28-1	35141.25	36886.16	35148.16	35725.19	2.81	ppb
Silver	107-1	1.26	4.19	1.15	2.20	78.37	ppb
Silver	109-1	4.17	2.97	1.22	2.79	53.12	ppb
Sodium	23-2	4686.95	4665.30	4683.11	4678.45	0.25	ppb
Strontium	86-1	297.95	299.38	300.17	299.17	0.37	ppb
Strontium	88-1	301.10	306.41	306.72	304.74	1.04	ppb
Sulfur	34-1	-20.52	78.03	370.91	142.80	142.57	ppb
Terbium	159-1				99		%
Terbium	159-2				95		%
Thallium	203-1	0.73	0.65	0.62	0.66	8.61	ppb
Thallium	205-1	0.67	0.65	0.59	0.64	6.83	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3752-01	Instrumnet Name :	P7
Client Sample ID :	FB-1P	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 14:14:51	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	5.30	5.47	5.11	5.29	3.39	ppb
Tin	118-1	3.60	3.80	3.59	3.67	3.25	ppb
Titanium	47-1	996.72	975.60	1069.68	1014.00	4.87	ppb
Uranium	238-1	2.34	2.38	2.19	2.30	4.39	ppb
Vanadium	51-2	96.34	98.14	97.51	97.33	0.94	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	757.25	761.09	761.20	759.85	0.30	ppb
Zirconium	90-1	4.34	4.83	4.55	4.57	5.34	ppb
Zirconium	91-1	9.80	4.26	10.77	8.28	42.44	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	CCV15	Instrumnet Name :	P7
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 14:23:47	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48458.42	49774.15	50874.68	49702.42	2.43	ppb
Antimony	121-1	483.91	480.70	494.18	486.27	1.45	ppb
Arsenic	75-2	498.55	516.90	520.88	512.11	2.33	ppb
Barium	135-1	2474.77	2441.36	2493.00	2469.71	1.06	ppb
Barium	137-1	2503.15	2445.04	2499.98	2482.72	1.32	ppb
Beryllium	9-1	502.20	501.50	500.37	501.36	0.18	ppb
Bismuth	209-1				89		%
Bismuth	209-2				84		%
Boron	10-1	522.22	539.34	523.72	528.42	1.79	ppb
Boron	11-1	523.50	528.97	523.15	525.21	0.62	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	515.54	510.56	517.34	514.48	0.68	ppb
Cadmium	106-1	515.34	512.65	515.99	514.66	0.34	ppb
Cadmium	108-1	516.59	509.99	504.36	510.31	1.20	ppb
Calcium	43-1	266272.29	265017.45	265437.07	265575.60	0.24	ppb
Calcium	44-1	250621.93	251240.83	248694.08	250185.61	0.53	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	483.89	496.89	506.78	495.85	2.31	ppb
Cobalt	59-2	479.91	492.10	497.20	489.73	1.81	ppb
Copper	63-2	4959.14	5065.65	5133.33	5052.71	1.74	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				92		%
Indium	115-1				87		%
Indium	115-2				85		%
Iron	56-2	124568.26	127679.70	128651.40	126966.46	1.68	ppb
Iron	57-2	126288.26	129505.62	131253.77	129015.88	1.95	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	CCV15	Instrumnet Name :	P7
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 14:23:47	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	123536.35	126390.82	128240.18	126055.78	1.88	ppb
Krypton	83-1						cps
Lead	206-1	2634.64	2587.41	2585.37	2602.47	1.07	ppb
Lead	207-1	2622.69	2587.38	2583.23	2597.77	0.83	ppb
Lead	208-1	2623.98	2599.00	2592.04	2605.01	0.64	ppb
Lithium	6-1				85		%
Magnesium	24-2	240280.91	247525.27	251762.76	246522.98	2.36	ppb
Manganese	55-2	5081.14	5149.80	5229.04	5153.33	1.44	ppb
Molybdenum	94-1	2553.87	2519.67	2541.84	2538.46	0.68	ppb
Molybdenum	95-1	2565.60	2516.08	2569.14	2550.27	1.16	ppb
Molybdenum	96-1	2521.06	2505.84	2530.78	2519.22	0.50	ppb
Molybdenum	97-1	2545.63	2528.50	2575.57	2549.90	0.93	ppb
Molybdenum	98-1	2568.50	2483.23	2532.88	2528.20	1.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	474.86	488.44	492.60	485.30	1.91	ppb
Phosphorus	31-2	9773.16	9763.48	10241.50	9926.04	2.75	ppb
Potassium	39-2	120380.73	123742.97	126232.27	123451.99	2.38	ppb
Rhodium	103-1				81		%
Rhodium	103-2				82		%
Scandium	45-1				86		%
Scandium	45-2				87		%
Selenium	82-1	535.17	522.52	524.69	527.46	1.28	ppb
Selenium	77-2	497.27	514.95	541.03	517.75	4.25	ppb
Selenium	78-2	518.54	529.37	524.89	524.26	1.04	ppb
Silicon	28-1	488.94	498.03	501.82	496.26	1.33	ppb
Silver	107-1	488.30	483.28	489.45	487.01	0.67	ppb
Silver	109-1	486.22	485.64	489.92	487.26	0.48	ppb
Sodium	23-2	241651.26	248775.09	251390.09	247272.15	2.04	ppb
Strontium	86-1	5090.55	5025.10	5063.71	5059.79	0.65	ppb
Strontium	88-1	5118.82	5075.97	5079.83	5091.54	0.47	ppb
Sulfur	34-1	10533.92	10632.02	10525.41	10563.78	0.56	ppb
Terbium	159-1				94		%
Terbium	159-2				91		%
Thallium	203-1	511.31	508.70	506.05	508.68	0.52	ppb
Thallium	205-1	527.10	517.36	515.85	520.10	1.17	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	CCV15	Instrumnet Name :	P7
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 14:23:47	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	541.29	526.40	535.51	534.40	1.40	ppb
Tin	118-1	496.54	492.90	495.02	494.82	0.37	ppb
Titanium	47-1	2534.81	2541.72	2521.75	2532.76	0.40	ppb
Uranium	238-1	541.11	527.71	532.08	533.63	1.28	ppb
Vanadium	51-2	485.39	498.13	509.58	497.70	2.43	ppb
Yttrium	89-1				90		%
Yttrium	89-2				88		%
Zinc	66-2	4909.78	5076.78	5111.33	5032.63	2.14	ppb
Zirconium	90-1	516.37	510.99	514.59	513.98	0.53	ppb
Zirconium	91-1	509.84	499.11	506.94	505.30	1.10	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	CCB15	Instrumnet Name :	P7
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 14:30:34	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.31	0.78	0.95	1.01	27.03	ppb
Antimony	121-1	0.07	0.10	0.06	0.08	24.40	ppb
Arsenic	75-2	0.05	0.05	0.05	0.05	1.43	ppb
Barium	135-1	0.02	0.04	0.04	0.03	32.37	ppb
Barium	137-1	0.03	0.05	0.05	0.05	24.84	ppb
Beryllium	9-1	0.07	0.07	0.06	0.07	11.90	ppb
Bismuth	209-1				96		%
Bismuth	209-2				92		%
Boron	10-1	12.22	11.39	13.03	12.21	6.72	ppb
Boron	11-1	12.05	11.81	12.48	12.11	2.84	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.22	-0.19	-0.02	-0.14		ppb
Cadmium	106-1	-3.42	-2.77	-0.62	-2.27		ppb
Cadmium	108-1	-0.11	0.08	0.20	0.06	268.30	ppb
Calcium	43-1	4.64	6.04	5.14	5.27	13.48	ppb
Calcium	44-1	3.20	3.35	3.26	3.27	2.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.00	0.01	0.02	82.90	ppb
Cobalt	59-2	0.01	0.00	0.01	0.00	203.04	ppb
Copper	63-2	0.18	0.21	0.23	0.21	10.64	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				98		%
Holmium	165-2				92		%
Indium	115-1				97		%
Indium	115-2				93		%
Iron	56-2	2.21	2.48	2.19	2.29	7.00	ppb
Iron	57-2	2.10	1.11	1.86	1.69	30.50	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	CCB15	Instrumnet Name :	P7
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 14:30:34	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2.14	1.56	0.49	1.40	60.15	ppb
Krypton	83-1						cps
Lead	206-1	0.23	0.20	0.24	0.22	9.61	ppb
Lead	207-1	0.24	0.22	0.21	0.22	7.18	ppb
Lead	208-1	0.22	0.21	0.22	0.22	4.64	ppb
Lithium	6-1				94		%
Magnesium	24-2	4.90	4.08	5.22	4.74	12.45	ppb
Manganese	55-2	0.11	0.13	0.09	0.11	16.65	ppb
Molybdenum	94-1	0.10	0.10	0.10	0.10	0.57	ppb
Molybdenum	95-1	0.08	0.08	0.10	0.09	12.83	ppb
Molybdenum	96-1	0.11	0.08	0.06	0.08	29.67	ppb
Molybdenum	97-1	0.12	0.06	0.08	0.09	35.00	ppb
Molybdenum	98-1	0.11	0.08	0.08	0.09	18.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.05	-0.02	-0.02		ppb
Phosphorus	31-2	5.76	-16.09	2.22	-2.70		ppb
Potassium	39-2	31.31	29.69	26.91	29.30	7.58	ppb
Rhodium	103-1				93		%
Rhodium	103-2				93		%
Scandium	45-1				93		%
Scandium	45-2				92		%
Selenium	82-1	0.42	0.43	-0.40	0.15	311.32	ppb
Selenium	77-2	0.00	1.04	0.00	0.35	173.21	ppb
Selenium	78-2	0.42	-0.30	0.68	0.26	193.14	ppb
Silicon	28-1	1.76	3.48	2.01	2.42	38.50	ppb
Silver	107-1	0.04	0.04	0.02	0.03	28.18	ppb
Silver	109-1	0.05	0.03	0.02	0.04	36.21	ppb
Sodium	23-2	55.38	49.64	52.93	52.65	5.47	ppb
Strontium	86-1	0.05	0.13	0.07	0.08	52.31	ppb
Strontium	88-1	0.08	0.08	0.06	0.07	15.19	ppb
Sulfur	34-1	-1.00	84.45	207.71	97.05	108.11	ppb
Terbium	159-1				97		%
Terbium	159-2				92		%
Thallium	203-1	0.09	0.09	0.09	0.09	0.48	ppb
Thallium	205-1	0.10	0.09	0.09	0.09	9.98	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	CCB15	Instrumnet Name :	P7
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 14:30:34	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.01	0.01	0.01	4.92	ppb
Tin	118-1	0.04	0.01	0.03	0.02	70.19	ppb
Titanium	47-1	0.03	0.04	0.10	0.05	71.06	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	24.15	ppb
Vanadium	51-2	0.00	0.01	0.01	0.01	45.56	ppb
Yttrium	89-1				95		%
Yttrium	89-2				92		%
Zinc	66-2	0.38	0.33	0.29	0.33	13.69	ppb
Zirconium	90-1	0.01	0.02	0.04	0.02	49.35	ppb
Zirconium	91-1	0.00	0.03	-0.01	0.01	217.95	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-08	Instrumnet Name :	P7
Client Sample ID :	SW-RR-02-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 15:23:21	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	82.82	77.22	72.83	77.62	6.45	ppb
Antimony	121-1	0.35	0.38	0.34	0.36	5.48	ppb
Arsenic	75-2	1.55	1.26	1.42	1.41	10.29	ppb
Barium	135-1	56.55	58.70	62.47	59.24	5.06	ppb
Barium	137-1	57.62	59.05	64.05	60.24	5.60	ppb
Beryllium	9-1	0.06	0.04	0.05	0.05	15.36	ppb
Bismuth	209-1				90		%
Bismuth	209-2				89		%
Boron	10-1	78.55	91.04	88.94	86.18	7.76	ppb
Boron	11-1	82.52	87.72	90.37	86.87	4.60	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.10	-0.25	-0.15	-0.17		ppb
Cadmium	106-1	-1.51	-3.67	-2.07	-2.42		ppb
Cadmium	108-1	-0.08	-0.11	-0.07	-0.08		ppb
Calcium	43-1	32011.64	32024.50	33693.12	32576.42	2.97	ppb
Calcium	44-1	30974.94	30518.90	31704.93	31066.26	1.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.86	0.89	0.85	0.87	2.76	ppb
Cobalt	59-2	0.35	0.35	0.36	0.35	0.92	ppb
Copper	63-2	3.41	3.29	3.32	3.34	1.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				92		%
Indium	115-1				95		%
Indium	115-2				91		%
Iron	56-2	641.35	638.11	642.20	640.56	0.34	ppb
Iron	57-2	693.33	691.39	707.58	697.43	1.27	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-08	Instrumnet Name :	P7
Client Sample ID :	SW-RR-02-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 15:23:21	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	629.21	651.37	655.81	645.46	2.21	ppb
Krypton	83-1						cps
Lead	206-1	0.58	0.60	0.59	0.59	0.90	ppb
Lead	207-1	0.54	0.60	0.54	0.56	5.85	ppb
Lead	208-1	0.56	0.59	0.58	0.58	2.04	ppb
Lithium	6-1				96		%
Magnesium	24-2	11455.99	11448.05	11535.32	11479.79	0.42	ppb
Manganese	55-2	314.30	312.39	314.40	313.70	0.36	ppb
Molybdenum	94-1	1.56	1.68	1.67	1.64	3.97	ppb
Molybdenum	95-1	2.18	2.06	2.32	2.19	6.11	ppb
Molybdenum	96-1	2.24	2.18	2.36	2.26	4.03	ppb
Molybdenum	97-1	2.14	2.23	2.28	2.21	3.26	ppb
Molybdenum	98-1	2.12	2.27	2.31	2.23	4.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.84	1.94	1.75	1.84	5.31	ppb
Phosphorus	31-2	487.51	474.89	415.21	459.20	8.41	ppb
Potassium	39-2	3845.08	3838.83	3815.75	3833.22	0.40	ppb
Rhodium	103-1				89		%
Rhodium	103-2				90		%
Scandium	45-1				92		%
Scandium	45-2				91		%
Selenium	82-1	-0.12	1.57	0.19	0.55	164.42	ppb
Selenium	77-2	0.00	0.53	0.00	0.18	173.21	ppb
Selenium	78-2	1.21	-0.42	0.37	0.39	211.69	ppb
Silicon	28-1	3245.80	3175.97	3335.14	3252.30	2.45	ppb
Silver	107-1	0.01	0.01	0.01	0.01	13.11	ppb
Silver	109-1	0.00	0.01	0.03	0.01	74.37	ppb
Sodium	23-2	38524.65	37976.54	38253.12	38251.44	0.72	ppb
Strontium	86-1	173.65	179.14	189.00	180.60	4.31	ppb
Strontium	88-1	174.02	180.03	187.98	180.68	3.88	ppb
Sulfur	34-1	14173.59	13701.50	14735.33	14203.47	3.64	ppb
Terbium	159-1				95		%
Terbium	159-2				91		%
Thallium	203-1	0.00	-0.01	0.00	0.00		ppb
Thallium	205-1	0.00	0.01	-0.01	0.00	5941.41	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-08	Instrumnet Name :	P7
Client Sample ID :	SW-RR-02-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 15:23:21	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.01	0.01	0.01	22.81	ppb
Tin	118-1	0.14	0.14	0.21	0.16	24.17	ppb
Titanium	47-1	2.67	2.42	3.06	2.72	11.89	ppb
Uranium	238-1	0.21	0.20	0.22	0.21	5.58	ppb
Vanadium	51-2	0.99	0.91	1.01	0.97	5.54	ppb
Yttrium	89-1				94		%
Yttrium	89-2				90		%
Zinc	66-2	29.17	28.90	29.35	29.14	0.78	ppb
Zirconium	90-1	0.08	0.09	0.08	0.08	8.57	ppb
Zirconium	91-1	0.06	0.09	0.11	0.09	25.62	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-09	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 15:26:28	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	102.05	95.20	88.05	95.10	7.36	ppb
Antimony	121-1	0.08	0.10	0.08	0.08	13.61	ppb
Arsenic	75-2	0.57	0.50	0.58	0.55	7.69	ppb
Barium	135-1	44.51	45.22	44.81	44.85	0.80	ppb
Barium	137-1	45.43	45.08	45.25	45.25	0.40	ppb
Beryllium	9-1	0.04	0.02	0.04	0.03	30.00	ppb
Bismuth	209-1				94		%
Bismuth	209-2				90		%
Boron	10-1	38.83	43.59	40.30	40.90	5.96	ppb
Boron	11-1	40.68	40.32	42.68	41.23	3.07	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.07	-0.03	-0.01	0.01	589.66	ppb
Cadmium	106-1	0.68	-0.59	-0.07	0.00	16281.44	ppb
Cadmium	108-1	0.05	-0.07	0.08	0.02	398.64	ppb
Calcium	43-1	28414.93	27634.54	28205.02	28084.83	1.44	ppb
Calcium	44-1	26677.67	25914.05	26371.82	26321.18	1.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.47	0.54	0.52	0.51	7.51	ppb
Cobalt	59-2	0.13	0.16	0.17	0.15	12.78	ppb
Copper	63-2	1.24	1.27	1.30	1.27	2.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				92		%
Indium	115-1				94		%
Indium	115-2				91		%
Iron	56-2	182.60	179.92	184.36	182.29	1.23	ppb
Iron	57-2	235.58	230.85	225.54	230.66	2.18	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-09	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 15:26:28	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	177.30	175.45	185.56	179.44	3.00	ppb
Krypton	83-1						cps
Lead	206-1	0.37	0.34	0.37	0.36	4.88	ppb
Lead	207-1	0.34	0.36	0.35	0.35	2.40	ppb
Lead	208-1	0.35	0.35	0.36	0.35	1.41	ppb
Lithium	6-1				94		%
Magnesium	24-2	10418.43	10480.44	10381.24	10426.70	0.48	ppb
Manganese	55-2	28.51	28.31	28.02	28.28	0.87	ppb
Molybdenum	94-1	0.52	0.44	0.46	0.47	8.71	ppb
Molybdenum	95-1	0.67	0.64	0.62	0.64	4.38	ppb
Molybdenum	96-1	0.64	0.53	0.67	0.62	12.14	ppb
Molybdenum	97-1	0.61	0.58	0.66	0.62	6.16	ppb
Molybdenum	98-1	0.65	0.64	0.57	0.62	7.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.46	0.61	0.55	0.54	13.75	ppb
Phosphorus	31-2	27.69	4.62	25.27	19.19	66.07	ppb
Potassium	39-2	2438.11	2476.94	2470.48	2461.84	0.85	ppb
Rhodium	103-1				90		%
Rhodium	103-2				90		%
Scandium	45-1				91		%
Scandium	45-2				90		%
Selenium	82-1	-0.20	0.69	0.22	0.24	186.99	ppb
Selenium	77-2	0.00	0.53	0.00	0.18	173.21	ppb
Selenium	78-2	0.59	0.18	-0.66	0.04	1711.92	ppb
Silicon	28-1	1994.19	1943.27	1998.69	1978.72	1.56	ppb
Silver	107-1	0.01	0.01	0.01	0.01	30.38	ppb
Silver	109-1	0.02	0.01	0.01	0.01	43.55	ppb
Sodium	23-2	28418.51	28330.47	28166.84	28305.27	0.45	ppb
Strontium	86-1	157.08	153.51	154.14	154.91	1.23	ppb
Strontium	88-1	157.94	152.89	156.42	155.75	1.66	ppb
Sulfur	34-1	6021.22	5528.70	5686.74	5745.56	4.38	ppb
Terbium	159-1				95		%
Terbium	159-2				91		%
Thallium	203-1	-0.01	0.00	-0.01	-0.01		ppb
Thallium	205-1	0.00	-0.01	-0.01	-0.01		ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-09	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 15:26:28	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.01	0.01	0.01	14.35	ppb
Tin	118-1	0.19	0.25	0.19	0.21	16.81	ppb
Titanium	47-1	2.84	3.10	3.09	3.01	4.88	ppb
Uranium	238-1	0.32	0.31	0.29	0.31	4.68	ppb
Vanadium	51-2	0.87	0.95	0.94	0.92	4.64	ppb
Yttrium	89-1				93		%
Yttrium	89-2				91		%
Zinc	66-2	21.98	23.43	22.80	22.74	3.19	ppb
Zirconium	90-1	0.04	0.09	0.04	0.06	52.13	ppb
Zirconium	91-1	0.03	0.01	0.04	0.03	49.45	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-10	Instrumnet Name :	P7
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 15:29:37	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	145.90	144.01	142.18	144.03	1.29	ppb
Antimony	121-1	0.40	0.37	0.41	0.39	4.45	ppb
Arsenic	75-2	1.29	1.16	1.03	1.16	11.47	ppb
Barium	135-1	54.75	55.33	55.79	55.29	0.95	ppb
Barium	137-1	55.83	56.23	55.89	55.98	0.38	ppb
Beryllium	9-1	0.06	0.03	0.05	0.05	39.67	ppb
Bismuth	209-1				94		%
Bismuth	209-2				90		%
Boron	10-1	78.42	77.97	75.08	77.16	2.36	ppb
Boron	11-1	78.95	77.41	80.35	78.90	1.86	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.09	0.11	-0.13	0.03	520.34	ppb
Cadmium	106-1	0.81	1.28	-1.61	0.16	974.06	ppb
Cadmium	108-1	-0.04	0.05	0.17	0.06	178.91	ppb
Calcium	43-1	29344.81	29375.12	28924.34	29214.75	0.86	ppb
Calcium	44-1	27966.75	27460.89	27533.70	27653.78	0.99	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.79	0.80	0.80	0.79	0.60	ppb
Cobalt	59-2	0.35	0.32	0.34	0.34	4.40	ppb
Copper	63-2	3.79	3.86	4.06	3.91	3.64	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				96		%
Holmium	165-2				92		%
Indium	115-1				95		%
Indium	115-2				92		%
Iron	56-2	602.22	595.70	599.02	598.98	0.54	ppb
Iron	57-2	646.92	643.45	667.11	652.49	1.96	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-10	Instrumnet Name :	P7
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 15:29:37	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	603.32	588.94	595.93	596.06	1.21	ppb
Krypton	83-1						cps
Lead	206-1	0.67	0.71	0.68	0.69	3.58	ppb
Lead	207-1	0.66	0.68	0.64	0.66	3.40	ppb
Lead	208-1	0.66	0.67	0.65	0.66	1.33	ppb
Lithium	6-1				94		%
Magnesium	24-2	10527.41	10474.02	10529.51	10510.32	0.30	ppb
Manganese	55-2	172.35	171.28	172.50	172.04	0.39	ppb
Molybdenum	94-1	1.57	1.72	1.86	1.71	8.41	ppb
Molybdenum	95-1	2.46	2.33	2.31	2.37	3.36	ppb
Molybdenum	96-1	2.24	2.18	2.45	2.29	6.23	ppb
Molybdenum	97-1	2.07	2.24	2.29	2.20	5.09	ppb
Molybdenum	98-1	2.35	2.36	2.33	2.35	0.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.73	1.67	1.65	1.68	2.51	ppb
Phosphorus	31-2	536.84	451.20	466.74	484.93	9.41	ppb
Potassium	39-2	3894.95	3845.32	3848.64	3862.97	0.72	ppb
Rhodium	103-1				90		%
Rhodium	103-2				91		%
Scandium	45-1				92		%
Scandium	45-2				92		%
Selenium	82-1	-0.32	0.10	0.12	-0.03		ppb
Selenium	77-2	0.00	0.52	0.51	0.35	86.61	ppb
Selenium	78-2	-0.05	0.41	0.10	0.15	155.76	ppb
Silicon	28-1	2881.03	2866.53	2850.66	2866.07	0.53	ppb
Silver	107-1	0.01	0.01	0.02	0.02	28.53	ppb
Silver	109-1	0.02	0.03	0.03	0.02	13.12	ppb
Sodium	23-2	36316.58	35979.56	36250.22	36182.12	0.49	ppb
Strontium	86-1	167.85	169.06	165.30	167.40	1.15	ppb
Strontium	88-1	170.11	168.37	167.15	168.54	0.88	ppb
Sulfur	34-1	11270.00	11053.80	10859.74	11061.18	1.86	ppb
Terbium	159-1				96		%
Terbium	159-2				92		%
Thallium	203-1	-0.01	-0.01	0.00	0.00		ppb
Thallium	205-1	-0.01	0.00	-0.01	-0.01		ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-10	Instrumnet Name :	P7
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 15:29:37	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.02	0.02	0.02	16.15	ppb
Tin	118-1	0.18	0.19	0.18	0.18	1.75	ppb
Titanium	47-1	4.35	4.34	4.35	4.35	0.24	ppb
Uranium	238-1	0.22	0.20	0.23	0.22	4.91	ppb
Vanadium	51-2	1.13	1.16	1.10	1.13	2.76	ppb
Yttrium	89-1				94		%
Yttrium	89-2				92		%
Zinc	66-2	27.26	26.94	25.49	26.56	3.55	ppb
Zirconium	90-1	0.17	0.09	0.07	0.11	50.07	ppb
Zirconium	91-1	0.06	0.05	0.08	0.06	18.36	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-11	Instrumnet Name :	P7
Client Sample ID :	SW-CB-02-(0.2)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 15:32:54	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	66.89	57.68	51.48	58.68	13.21	ppb
Antimony	121-1	0.17	0.15	0.16	0.16	6.14	ppb
Arsenic	75-2	0.81	0.77	0.74	0.77	4.23	ppb
Barium	135-1	65.23	65.10	63.85	64.73	1.18	ppb
Barium	137-1	65.74	65.42	64.76	65.31	0.76	ppb
Beryllium	9-1	0.04	0.03	0.02	0.03	43.02	ppb
Bismuth	209-1				95		%
Bismuth	209-2				90		%
Boron	10-1	105.87	111.01	115.97	110.95	4.55	ppb
Boron	11-1	107.60	114.42	116.70	112.90	4.19	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.07	-0.01	-0.06	-0.05		ppb
Cadmium	106-1	-1.11	-0.43	-1.06	-0.87		ppb
Cadmium	108-1	-0.11	-0.14	-0.02	-0.09		ppb
Calcium	43-1	44667.82	44457.79	43788.47	44304.69	1.04	ppb
Calcium	44-1	41891.13	41749.67	41926.14	41855.65	0.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.21	0.25	0.24	0.24	9.00	ppb
Cobalt	59-2	0.13	0.14	0.15	0.14	10.47	ppb
Copper	63-2	1.35	1.40	1.35	1.37	2.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				93		%
Indium	115-1				95		%
Indium	115-2				93		%
Iron	56-2	190.66	185.27	186.03	187.32	1.56	ppb
Iron	57-2	263.86	276.55	267.03	269.14	2.45	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-11	Instrumnet Name :	P7
Client Sample ID :	SW-CB-02-(0.2)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 15:32:54	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	184.83	189.59	188.24	187.55	1.31	ppb
Krypton	83-1						cps
Lead	206-1	0.34	0.28	0.30	0.31	10.50	ppb
Lead	207-1	0.30	0.31	0.31	0.31	2.25	ppb
Lead	208-1	0.32	0.30	0.30	0.31	3.36	ppb
Lithium	6-1				94		%
Magnesium	24-2	12149.39	12258.05	12097.34	12168.26	0.67	ppb
Manganese	55-2	128.11	129.45	127.91	128.49	0.65	ppb
Molybdenum	94-1	0.57	0.54	0.52	0.54	4.94	ppb
Molybdenum	95-1	0.69	0.67	0.78	0.71	8.54	ppb
Molybdenum	96-1	0.65	0.67	0.72	0.68	5.21	ppb
Molybdenum	97-1	0.76	0.65	0.65	0.68	9.16	ppb
Molybdenum	98-1	0.72	0.72	0.72	0.72	0.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.72	0.78	0.75	0.75	3.56	ppb
Phosphorus	31-2	150.51	159.58	116.45	142.18	15.99	ppb
Potassium	39-2	3027.58	3055.04	2995.40	3026.01	0.99	ppb
Rhodium	103-1				91		%
Rhodium	103-2				92		%
Scandium	45-1				93		%
Scandium	45-2				93		%
Selenium	82-1	0.62	-0.07	0.10	0.22	166.00	ppb
Selenium	77-2	0.00	0.52	0.00	0.17	173.21	ppb
Selenium	78-2	0.10	0.46	0.67	0.41	69.83	ppb
Silicon	28-1	3653.11	3642.07	3597.58	3630.92	0.81	ppb
Silver	107-1	0.01	0.02	0.00	0.01	79.81	ppb
Silver	109-1	0.01	0.01	0.01	0.01	9.39	ppb
Sodium	23-2	46445.33	46671.71	46025.17	46380.74	0.71	ppb
Strontium	86-1	203.38	202.04	203.61	203.01	0.42	ppb
Strontium	88-1	203.41	204.44	205.21	204.35	0.44	ppb
Sulfur	34-1	18911.80	18675.69	18419.26	18668.92	1.32	ppb
Terbium	159-1				97		%
Terbium	159-2				92		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-11	Instrumnet Name :	P7
Client Sample ID :	SW-CB-02-(0.2)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 15:32:54	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.00	0.00	0.01	73.53	ppb
Tin	118-1	0.06	0.04	0.05	0.05	16.53	ppb
Titanium	47-1	2.20	1.93	8.92	4.35	91.11	ppb
Uranium	238-1	0.14	0.16	0.15	0.15	7.69	ppb
Vanadium	51-2	1.31	1.44	1.35	1.37	4.93	ppb
Yttrium	89-1				94		%
Yttrium	89-2				92		%
Zinc	66-2	16.76	17.35	17.27	17.13	1.89	ppb
Zirconium	90-1	0.04	0.04	0.04	0.04	11.61	ppb
Zirconium	91-1	0.03	0.02	0.02	0.02	21.32	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-12	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(0.5)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 15:36:01	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2039.54	2024.52	2015.60	2026.55	0.60	ppb
Antimony	121-1	0.75	0.73	0.75	0.74	1.30	ppb
Arsenic	75-2	6.18	6.28	6.07	6.17	1.70	ppb
Barium	135-1	126.21	125.88	126.86	126.32	0.39	ppb
Barium	137-1	126.74	126.85	128.74	127.44	0.88	ppb
Beryllium	9-1	0.10	0.08	0.13	0.10	23.88	ppb
Bismuth	209-1				94		%
Bismuth	209-2				91		%
Boron	10-1	129.36	137.56	139.23	135.38	3.90	ppb
Boron	11-1	135.11	142.69	143.38	140.39	3.27	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.11	0.06	0.16	0.11	43.74	ppb
Cadmium	106-1	-0.89	-1.01	-0.45	-0.78		ppb
Cadmium	108-1	0.08	0.23	0.26	0.19	51.74	ppb
Calcium	43-1	44098.84	44338.00	44431.68	44289.51	0.39	ppb
Calcium	44-1	41718.50	42059.62	42058.10	41945.41	0.47	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	23.97	23.40	23.49	23.62	1.29	ppb
Cobalt	59-2	2.20	2.21	2.22	2.21	0.38	ppb
Copper	63-2	42.55	42.20	42.06	42.27	0.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				93		%
Indium	115-1				96		%
Indium	115-2				93		%
Iron	56-2	8557.58	8634.17	8488.89	8560.21	0.85	ppb
Iron	57-2	8792.01	8796.68	8790.77	8793.15	0.04	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-12	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(0.5)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 15:36:01	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	8848.85	8767.74	8705.84	8774.14	0.82	ppb
Krypton	83-1						cps
Lead	206-1	16.36	16.66	16.75	16.59	1.23	ppb
Lead	207-1	15.74	15.75	15.89	15.80	0.53	ppb
Lead	208-1	16.05	16.08	16.31	16.15	0.89	ppb
Lithium	6-1				93		%
Magnesium	24-2	15695.75	15639.52	15456.61	15597.29	0.80	ppb
Manganese	55-2	923.06	922.16	921.99	922.41	0.06	ppb
Molybdenum	94-1	3.03	2.96	3.94	3.31	16.52	ppb
Molybdenum	95-1	3.03	2.90	2.89	2.94	2.65	ppb
Molybdenum	96-1	2.89	3.00	2.83	2.91	2.85	ppb
Molybdenum	97-1	3.00	3.00	3.05	3.02	1.04	ppb
Molybdenum	98-1	2.87	2.98	3.02	2.96	2.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	14.77	14.60	14.49	14.62	0.98	ppb
Phosphorus	31-2	730.60	711.50	723.30	721.80	1.34	ppb
Potassium	39-2	3683.78	3700.00	3653.42	3679.07	0.64	ppb
Rhodium	103-1				90		%
Rhodium	103-2				92		%
Scandium	45-1				92		%
Scandium	45-2				93		%
Selenium	82-1	1.02	1.22	0.37	0.87	51.26	ppb
Selenium	77-2	0.52	0.51	0.51	0.51	1.26	ppb
Selenium	78-2	0.74	0.66	0.67	0.69	5.88	ppb
Silicon	28-1	6723.32	6794.34	6741.94	6753.20	0.55	ppb
Silver	107-1	0.46	0.41	0.40	0.43	7.81	ppb
Silver	109-1	0.47	0.47	0.45	0.46	2.75	ppb
Sodium	23-2	43820.23	43948.15	43538.91	43769.10	0.48	ppb
Strontium	86-1	217.70	221.37	220.01	219.70	0.84	ppb
Strontium	88-1	220.72	222.58	221.84	221.71	0.42	ppb
Sulfur	34-1	21915.28	22384.65	22407.87	22235.93	1.25	ppb
Terbium	159-1				97		%
Terbium	159-2				93		%
Thallium	203-1	0.01	0.00	0.02	0.01	69.97	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	28.86	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-12	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(0.5)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 15:36:01	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.33	0.34	0.35	0.34	2.43	ppb
Tin	118-1	1.62	1.65	1.76	1.68	4.57	ppb
Titanium	47-1	71.44	68.22	74.06	71.24	4.11	ppb
Uranium	238-1	0.33	0.34	0.33	0.33	2.04	ppb
Vanadium	51-2	6.11	6.25	5.91	6.09	2.82	ppb
Yttrium	89-1				94		%
Yttrium	89-2				92		%
Zinc	66-2	81.22	82.24	81.15	81.54	0.75	ppb
Zirconium	90-1	0.60	0.78	0.65	0.68	14.18	ppb
Zirconium	91-1	0.60	0.59	0.63	0.61	3.42	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-12DUP	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(0.5)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 15:39:08	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1921.84	1888.03	2039.10	1949.65	4.07	ppb
Antimony	121-1	0.70	0.70	0.74	0.72	3.50	ppb
Arsenic	75-2	5.95	5.80	6.07	5.94	2.26	ppb
Barium	135-1	124.54	123.98	124.60	124.37	0.27	ppb
Barium	137-1	125.93	126.63	126.15	126.24	0.29	ppb
Beryllium	9-1	0.14	0.12	0.12	0.12	7.65	ppb
Bismuth	209-1				95		%
Bismuth	209-2				92		%
Boron	10-1	134.28	137.94	137.06	136.43	1.40	ppb
Boron	11-1	137.34	140.59	141.71	139.88	1.62	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.19	0.26	0.22	0.22	16.04	ppb
Cadmium	106-1	0.39	1.08	1.08	0.85	46.41	ppb
Cadmium	108-1	0.02	0.14	0.32	0.16	97.96	ppb
Calcium	43-1	43519.76	43570.78	43348.18	43479.57	0.27	ppb
Calcium	44-1	40980.89	41317.23	41212.30	41170.14	0.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	22.70	22.46	22.86	22.67	0.89	ppb
Cobalt	59-2	2.12	2.08	2.22	2.14	3.23	ppb
Copper	63-2	40.36	41.00	41.11	40.82	1.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				94		%
Indium	115-1				97		%
Indium	115-2				94		%
Iron	56-2	8203.25	8265.33	8295.35	8254.64	0.57	ppb
Iron	57-2	8404.28	8476.33	8599.86	8493.49	1.16	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-12DUP	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(0.5)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 15:39:08	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	8475.80	8526.54	8617.02	8539.79	0.84	ppb
Krypton	83-1						cps
Lead	206-1	16.23	16.40	16.28	16.30	0.52	ppb
Lead	207-1	15.33	15.19	15.14	15.22	0.65	ppb
Lead	208-1	15.73	15.73	15.64	15.70	0.33	ppb
Lithium	6-1				95		%
Magnesium	24-2	15045.31	15083.59	15182.85	15103.92	0.47	ppb
Manganese	55-2	885.62	891.41	898.98	892.00	0.75	ppb
Molybdenum	94-1	2.79	2.87	2.93	2.86	2.41	ppb
Molybdenum	95-1	3.02	2.92	2.81	2.92	3.59	ppb
Molybdenum	96-1	2.87	2.94	2.85	2.89	1.60	ppb
Molybdenum	97-1	2.74	2.85	2.97	2.85	3.95	ppb
Molybdenum	98-1	2.87	2.86	2.84	2.85	0.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	13.91	14.07	14.14	14.04	0.83	ppb
Phosphorus	31-2	689.42	728.95	773.21	730.53	5.74	ppb
Potassium	39-2	3546.47	3550.82	3626.79	3574.69	1.26	ppb
Rhodium	103-1				93		%
Rhodium	103-2				93		%
Scandium	45-1				94		%
Scandium	45-2				94		%
Selenium	82-1	0.50	0.29	0.57	0.45	31.50	ppb
Selenium	77-2	0.50	1.03	1.01	0.84	35.84	ppb
Selenium	78-2	0.66	0.26	0.64	0.52	43.12	ppb
Silicon	28-1	6617.49	6592.21	6546.36	6585.35	0.55	ppb
Silver	107-1	0.40	0.42	0.41	0.41	2.78	ppb
Silver	109-1	0.44	0.41	0.43	0.43	4.06	ppb
Sodium	23-2	42243.48	42084.86	42875.69	42401.34	0.99	ppb
Strontium	86-1	214.60	214.03	212.89	213.84	0.41	ppb
Strontium	88-1	217.14	215.32	213.66	215.37	0.81	ppb
Sulfur	34-1	21685.54	21618.93	21472.73	21592.40	0.50	ppb
Terbium	159-1				97		%
Terbium	159-2				94		%
Thallium	203-1	0.02	0.02	0.01	0.02	17.38	ppb
Thallium	205-1	0.02	0.01	0.01	0.01	30.19	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-12DUP	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(0.5)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 15:39:08	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.33	0.32	0.33	0.33	1.81	ppb
Tin	118-1	1.61	1.64	1.62	1.62	0.75	ppb
Titanium	47-1	70.13	69.90	67.08	69.04	2.47	ppb
Uranium	238-1	0.32	0.31	0.31	0.31	1.94	ppb
Vanadium	51-2	5.82	5.93	5.93	5.89	1.08	ppb
Yttrium	89-1				97		%
Yttrium	89-2				94		%
Zinc	66-2	76.96	76.59	79.14	77.56	1.77	ppb
Zirconium	90-1	0.54	0.58	0.65	0.59	9.22	ppb
Zirconium	91-1	0.52	0.54	1.49	0.85	65.24	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-12LX5	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(0.5)L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-24 15:42:16	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	382.95	383.99	365.19	377.38	2.80	ppb
Antimony	121-1	0.15	0.14	0.15	0.15	5.68	ppb
Arsenic	75-2	1.31	1.21	1.21	1.24	4.42	ppb
Barium	135-1	24.61	25.15	25.17	24.98	1.27	ppb
Barium	137-1	23.90	24.92	25.32	24.71	2.97	ppb
Beryllium	9-1	0.04	0.01	0.07	0.04	70.67	ppb
Bismuth	209-1				96		%
Bismuth	209-2				93		%
Boron	10-1	31.23	33.00	33.21	32.48	3.36	ppb
Boron	11-1	30.87	32.15	33.54	32.19	4.14	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.09	0.08	0.04	0.07	38.42	ppb
Cadmium	106-1	0.82	0.49	-0.06	0.42	107.59	ppb
Cadmium	108-1	0.04	0.05	0.08	0.06	36.35	ppb
Calcium	43-1	8674.83	8648.32	8710.67	8677.94	0.36	ppb
Calcium	44-1	8775.88	8742.02	8775.73	8764.54	0.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.62	4.49	4.46	4.52	1.97	ppb
Cobalt	59-2	0.45	0.41	0.38	0.41	7.72	ppb
Copper	63-2	8.20	8.15	8.19	8.18	0.34	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				98		%
Indium	115-2				95		%
Iron	56-2	1692.44	1686.52	1673.65	1684.21	0.57	ppb
Iron	57-2	1707.68	1679.74	1674.46	1687.29	1.06	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-12LX5	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(0.5)L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-24 15:42:16	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	1711.69	1724.20	1686.89	1707.59	1.11	ppb
Krypton	83-1						cps
Lead	206-1	3.26	3.23	3.25	3.25	0.48	ppb
Lead	207-1	2.88	3.10	3.04	3.01	3.83	ppb
Lead	208-1	3.06	3.10	3.13	3.10	1.22	ppb
Lithium	6-1				96		%
Magnesium	24-2	3017.06	2998.61	2969.29	2994.99	0.80	ppb
Manganese	55-2	178.98	178.80	176.87	178.21	0.65	ppb
Molybdenum	94-1	0.53	0.64	0.76	0.64	18.04	ppb
Molybdenum	95-1	0.59	0.64	0.62	0.62	4.51	ppb
Molybdenum	96-1	0.62	0.54	0.51	0.56	10.59	ppb
Molybdenum	97-1	0.60	0.60	0.55	0.58	4.95	ppb
Molybdenum	98-1	0.55	0.56	0.55	0.55	0.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.16	2.88	3.09	3.04	4.74	ppb
Phosphorus	31-2	145.36	127.79	160.17	144.44	11.22	ppb
Potassium	39-2	731.30	714.41	724.52	723.41	1.18	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				95		%
Scandium	45-2				95		%
Selenium	82-1	0.04	0.58	0.83	0.48	82.84	ppb
Selenium	77-2	1.00	0.00	0.00	0.33	173.21	ppb
Selenium	78-2	-0.14	-0.29	1.32	0.30	298.09	ppb
Silicon	28-1	1305.90	1311.87	1332.48	1316.75	1.06	ppb
Silver	107-1	0.10	0.07	0.09	0.09	13.85	ppb
Silver	109-1	0.09	0.09	0.10	0.09	2.36	ppb
Sodium	23-2	8610.82	8603.10	8520.73	8578.22	0.58	ppb
Strontium	86-1	42.54	43.11	42.19	42.61	1.09	ppb
Strontium	88-1	42.47	42.46	42.73	42.55	0.36	ppb
Sulfur	34-1	4166.48	4014.94	4103.09	4094.84	1.86	ppb
Terbium	159-1				98		%
Terbium	159-2				94		%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	-0.01	0.00	-0.01	-0.01		ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-12LX5	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(0.5)L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-24 15:42:16	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.06	0.05	0.07	0.06	13.81	ppb
Tin	118-1	0.32	0.26	0.28	0.29	10.07	ppb
Titanium	47-1	12.75	13.23	12.20	12.73	4.02	ppb
Uranium	238-1	0.06	0.06	0.06	0.06	2.23	ppb
Vanadium	51-2	1.20	1.15	1.25	1.20	4.24	ppb
Yttrium	89-1				97		%
Yttrium	89-2				95		%
Zinc	66-2	15.74	16.18	15.50	15.81	2.18	ppb
Zirconium	90-1	0.14	0.12	0.13	0.13	7.92	ppb
Zirconium	91-1	0.10	0.11	0.09	0.10	11.68	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-13	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(0.5)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 15:45:24	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11146.17	11405.86	11116.33	11222.79	1.42	ppb
Antimony	121-1	497.59	492.43	491.83	493.95	0.64	ppb
Arsenic	75-2	521.30	520.60	516.13	519.34	0.54	ppb
Barium	135-1	2701.75	2666.97	2680.59	2683.10	0.65	ppb
Barium	137-1	2734.07	2718.24	2707.33	2719.88	0.49	ppb
Beryllium	9-1	498.09	498.59	494.23	496.97	0.48	ppb
Bismuth	209-1				87		%
Bismuth	209-2				82		%
Boron	10-1	646.24	660.70	678.57	661.84	2.45	ppb
Boron	11-1	644.13	656.39	678.07	659.53	2.61	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	509.10	505.67	504.10	506.29	0.51	ppb
Cadmium	106-1	510.62	501.32	506.21	506.05	0.92	ppb
Cadmium	108-1	532.80	525.68	514.07	524.18	1.80	ppb
Calcium	43-1	101685.31	99697.86	99095.83	100159.67	1.35	ppb
Calcium	44-1	95906.44	93824.56	93661.13	94464.04	1.33	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	515.33	525.50	517.11	519.31	1.05	ppb
Cobalt	59-2	515.94	528.40	518.24	520.86	1.27	ppb
Copper	63-2	5697.71	5861.32	5723.36	5760.80	1.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				91		%
Holmium	165-2				85		%
Indium	115-1				86		%
Indium	115-2				80		%
Iron	56-2	31067.12	31721.69	30958.09	31248.97	1.32	ppb
Iron	57-2	31597.30	32297.03	31821.95	31905.43	1.12	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-13	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(0.5)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 15:45:24	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	32300.93	32811.68	32405.92	32506.18	0.83	ppb
Krypton	83-1						cps
Lead	206-1	2652.93	2622.74	2603.14	2626.27	0.95	ppb
Lead	207-1	2690.36	2635.74	2642.24	2656.12	1.12	ppb
Lead	208-1	2654.75	2634.37	2614.46	2634.53	0.76	ppb
Lithium	6-1				85		%
Magnesium	24-2	65858.53	67495.85	65968.87	66441.08	1.38	ppb
Manganese	55-2	6684.01	6775.68	6654.83	6704.84	0.94	ppb
Molybdenum	94-1	3947.65	3905.77	3853.16	3902.19	1.21	ppb
Molybdenum	95-1	4625.35	4564.08	4536.02	4575.15	1.00	ppb
Molybdenum	96-1	4537.89	4487.70	4466.97	4497.52	0.81	ppb
Molybdenum	97-1	4590.38	4527.91	4563.40	4560.56	0.69	ppb
Molybdenum	98-1	4638.61	4551.30	4562.71	4584.21	1.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	522.36	532.92	520.93	525.41	1.25	ppb
Phosphorus	31-2	323.39	354.85	380.37	352.87	8.09	ppb
Potassium	39-2	29814.91	32108.90	31538.75	31154.19	3.83	ppb
Rhodium	103-1				81		%
Rhodium	103-2				80		%
Scandium	45-1				84		%
Scandium	45-2				80		%
Selenium	82-1	520.08	512.94	510.67	514.56	0.95	ppb
Selenium	77-2	517.56	567.71	532.54	539.27	4.77	ppb
Selenium	78-2	508.10	527.26	504.59	513.32	2.38	ppb
Silicon	28-1	6027.74	5902.34	5957.74	5962.61	1.05	ppb
Silver	107-1	426.08	462.56	516.55	468.39	9.72	ppb
Silver	109-1	464.43	399.51	473.28	445.74	9.04	ppb
Sodium	23-2	97457.94	98791.65	97005.91	97751.83	0.95	ppb
Strontium	86-1	5278.52	5225.32	5281.43	5261.76	0.60	ppb
Strontium	88-1	5326.98	5218.62	5227.37	5257.65	1.14	ppb
Sulfur	34-1	24263.29	23480.27	23238.51	23660.69	2.26	ppb
Terbium	159-1				90		%
Terbium	159-2				84		%
Thallium	203-1	503.64	499.84	498.77	500.75	0.51	ppb
Thallium	205-1	516.36	511.62	511.51	513.16	0.54	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-13	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(0.5)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 15:45:24	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.11	0.11	0.13	0.11	9.53	ppb
Tin	118-1	521.35	519.93	517.93	519.74	0.33	ppb
Titanium	47-1	4700.53	4634.37	4601.00	4645.30	1.09	ppb
Uranium	238-1	521.41	524.81	517.19	521.13	0.73	ppb
Vanadium	51-2	509.83	519.70	515.59	515.04	0.96	ppb
Yttrium	89-1				87		%
Yttrium	89-2				81		%
Zinc	66-2	5531.69	5686.06	5555.77	5591.17	1.49	ppb
Zirconium	90-1	502.88	498.28	497.38	499.51	0.59	ppb
Zirconium	91-1	497.94	488.80	492.06	492.93	0.94	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-14	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(0.5)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 15:48:25	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10784.83	10735.40	10651.34	10723.86	0.63	ppb
Antimony	121-1	488.70	485.21	477.82	483.91	1.15	ppb
Arsenic	75-2	512.73	510.09	509.46	510.76	0.34	ppb
Barium	135-1	2630.35	2619.41	2580.76	2610.17	1.00	ppb
Barium	137-1	2670.60	2646.71	2631.84	2649.72	0.74	ppb
Beryllium	9-1	494.44	491.96	486.12	490.84	0.87	ppb
Bismuth	209-1				87		%
Bismuth	209-2				82		%
Boron	10-1	641.19	652.47	670.77	654.81	2.28	ppb
Boron	11-1	640.05	658.08	679.20	659.11	2.97	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	501.41	494.38	485.79	493.86	1.58	ppb
Cadmium	106-1	503.52	495.72	483.80	494.35	2.01	ppb
Cadmium	108-1	523.05	512.94	515.48	517.16	1.02	ppb
Calcium	43-1	100104.70	99045.69	98525.55	99225.31	0.81	ppb
Calcium	44-1	94528.06	93725.38	92609.26	93620.90	1.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	508.78	511.86	506.85	509.16	0.50	ppb
Cobalt	59-2	508.75	508.77	505.79	507.77	0.34	ppb
Copper	63-2	5647.95	5600.44	5548.72	5599.04	0.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				91		%
Holmium	165-2				86		%
Indium	115-1				85		%
Indium	115-2				81		%
Iron	56-2	29835.38	29583.47	29335.58	29584.81	0.84	ppb
Iron	57-2	30117.56	30092.47	29976.03	30062.02	0.25	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-14	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(0.5)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 15:48:25	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	30880.54	30810.96	30558.37	30749.96	0.55	ppb
Krypton	83-1						cps
Lead	206-1	2654.77	2549.71	2574.44	2592.97	2.12	ppb
Lead	207-1	2663.31	2558.99	2602.87	2608.39	2.01	ppb
Lead	208-1	2644.85	2576.01	2590.45	2603.77	1.39	ppb
Lithium	6-1				83		%
Magnesium	24-2	65694.04	65285.72	64844.39	65274.72	0.65	ppb
Manganese	55-2	6534.46	6544.77	6414.90	6498.04	1.11	ppb
Molybdenum	94-1	4191.24	4053.38	4125.27	4123.30	1.67	ppb
Molybdenum	95-1	4958.61	4844.14	4898.94	4900.56	1.17	ppb
Molybdenum	96-1	4875.99	4768.60	4798.47	4814.35	1.15	ppb
Molybdenum	97-1	4933.32	4793.52	4874.21	4867.02	1.44	ppb
Molybdenum	98-1	5012.39	4853.52	4919.20	4928.37	1.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	510.99	512.17	507.06	510.07	0.52	ppb
Phosphorus	31-2	275.65	234.25	297.17	269.02	11.89	ppb
Potassium	39-2	31239.07	31187.55	31036.05	31154.23	0.34	ppb
Rhodium	103-1				80		%
Rhodium	103-2				80		%
Scandium	45-1				82		%
Scandium	45-2				82		%
Selenium	82-1	520.60	502.67	512.86	512.05	1.76	ppb
Selenium	77-2	500.30	530.78	510.68	513.92	3.02	ppb
Selenium	78-2	509.62	511.92	507.46	509.67	0.44	ppb
Silicon	28-1	5564.06	5520.31	5602.99	5562.46	0.74	ppb
Silver	107-1	576.98	418.92	396.68	464.19	21.18	ppb
Silver	109-1	630.25	506.40	403.58	513.41	22.11	ppb
Sodium	23-2	96204.86	96540.20	95353.23	96032.76	0.64	ppb
Strontium	86-1	5274.27	5119.74	5186.11	5193.37	1.49	ppb
Strontium	88-1	5204.51	5151.73	5178.26	5178.17	0.51	ppb
Sulfur	34-1	23314.33	22645.20	22776.05	22911.86	1.55	ppb
Terbium	159-1				91		%
Terbium	159-2				85		%
Thallium	203-1	497.95	488.37	488.97	491.76	1.09	ppb
Thallium	205-1	515.88	498.79	504.08	506.25	1.73	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-14	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(0.5)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 15:48:25	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.07	0.07	0.07	0.07	6.92	ppb
Tin	118-1	511.23	509.77	501.46	507.49	1.04	ppb
Titanium	47-1	4638.21	4578.10	4587.46	4601.26	0.70	ppb
Uranium	238-1	530.52	514.92	515.57	520.34	1.70	ppb
Vanadium	51-2	506.39	508.12	503.77	506.09	0.43	ppb
Yttrium	89-1				85		%
Yttrium	89-2				82		%
Zinc	66-2	5594.03	5613.81	5557.90	5588.58	0.51	ppb
Zirconium	90-1	497.32	490.99	493.53	493.95	0.65	ppb
Zirconium	91-1	490.89	481.79	485.99	486.22	0.94	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-12A	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(0.5)A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 15:51:26	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10982.27	10936.31	10943.22	10953.94	0.23	ppb
Antimony	121-1	483.85	482.91	489.77	485.51	0.77	ppb
Arsenic	75-2	513.63	512.36	515.58	513.86	0.32	ppb
Barium	135-1	2619.09	2602.92	2611.14	2611.05	0.31	ppb
Barium	137-1	2669.95	2621.04	2652.56	2647.85	0.94	ppb
Beryllium	9-1	496.41	493.43	492.44	494.09	0.42	ppb
Bismuth	209-1				87		%
Bismuth	209-2				82		%
Boron	10-1	660.92	677.88	675.43	671.41	1.37	ppb
Boron	11-1	668.77	671.71	675.45	671.98	0.50	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	497.81	489.60	490.80	492.74	0.90	ppb
Cadmium	106-1	490.57	488.69	490.16	489.81	0.20	ppb
Cadmium	108-1	517.97	508.59	510.49	512.35	0.97	ppb
Calcium	43-1	100412.45	99935.31	98379.31	99575.69	1.07	ppb
Calcium	44-1	95179.55	94585.80	93321.87	94362.41	1.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	513.38	507.62	508.94	509.98	0.59	ppb
Cobalt	59-2	511.61	508.08	507.75	509.15	0.42	ppb
Copper	63-2	5671.29	5650.50	5617.84	5646.54	0.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				86		%
Indium	115-1				85		%
Indium	115-2				81		%
Iron	56-2	30582.15	29990.06	30062.97	30211.72	1.07	ppb
Iron	57-2	30860.29	30572.68	30558.83	30663.93	0.56	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-12A	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(0.5)A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 15:51:26	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	31537.99	31357.59	31370.79	31422.12	0.32	ppb
Krypton	83-1						cps
Lead	206-1	2604.54	2591.53	2586.39	2594.15	0.36	ppb
Lead	207-1	2671.51	2619.21	2595.11	2628.61	1.49	ppb
Lead	208-1	2636.46	2600.39	2586.86	2607.90	0.98	ppb
Lithium	6-1				83		%
Magnesium	24-2	65288.06	64851.61	65178.20	65105.95	0.35	ppb
Manganese	55-2	6611.35	6525.91	6562.72	6566.66	0.65	ppb
Molybdenum	94-1	4029.05	4064.99	3998.13	4030.72	0.83	ppb
Molybdenum	95-1	4737.72	4777.48	4694.36	4736.52	0.88	ppb
Molybdenum	96-1	4630.86	4637.53	4604.72	4624.37	0.37	ppb
Molybdenum	97-1	4711.27	4754.05	4704.69	4723.34	0.57	ppb
Molybdenum	98-1	4728.38	4721.76	4704.61	4718.25	0.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	513.91	513.17	514.36	513.81	0.12	ppb
Phosphorus	31-2	325.95	318.64	297.06	313.88	4.79	ppb
Potassium	39-2	31254.40	31187.10	29221.41	30554.30	3.78	ppb
Rhodium	103-1				80		%
Rhodium	103-2				81		%
Scandium	45-1				82		%
Scandium	45-2				82		%
Selenium	82-1	509.68	504.58	496.63	503.63	1.31	ppb
Selenium	77-2	503.69	494.08	482.73	493.50	2.13	ppb
Selenium	78-2	511.94	508.82	501.98	507.58	1.00	ppb
Silicon	28-1	5827.75	5947.78	5727.88	5834.47	1.89	ppb
Silver	107-1	364.87	385.43	559.28	436.53	24.47	ppb
Silver	109-1	496.64	397.93	358.94	417.84	16.99	ppb
Sodium	23-2	96049.75	95819.23	95677.21	95848.73	0.20	ppb
Strontium	86-1	5248.10	5225.95	5237.77	5237.28	0.21	ppb
Strontium	88-1	5197.76	5218.76	5234.69	5217.07	0.36	ppb
Sulfur	34-1	23232.06	23143.79	22344.97	22906.94	2.13	ppb
Terbium	159-1				91		%
Terbium	159-2				85		%
Thallium	203-1	497.47	497.38	492.80	495.88	0.54	ppb
Thallium	205-1	508.92	509.19	506.26	508.12	0.32	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-12A	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(0.5)A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 15:51:26	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.10	0.08	0.08	0.09	10.65	ppb
Tin	118-1	510.17	500.57	506.80	505.85	0.96	ppb
Titanium	47-1	4647.93	4642.07	4559.51	4616.50	1.07	ppb
Uranium	238-1	526.70	518.38	513.21	519.43	1.31	ppb
Vanadium	51-2	509.24	505.91	505.52	506.89	0.40	ppb
Yttrium	89-1				86		%
Yttrium	89-2				82		%
Zinc	66-2	5572.41	5543.76	5530.27	5548.81	0.39	ppb
Zirconium	90-1	494.91	492.46	493.80	493.72	0.25	ppb
Zirconium	91-1	488.85	489.53	487.09	488.49	0.26	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	CCV16	Instrumnet Name :	P7
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 15:54:31	DataFile Name :	052CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51556.44	51447.68	51587.86	51530.66	0.14	ppb
Antimony	121-1	479.12	484.28	489.49	484.30	1.07	ppb
Arsenic	75-2	517.92	517.53	505.75	513.73	1.35	ppb
Barium	135-1	2429.90	2454.02	2460.92	2448.28	0.67	ppb
Barium	137-1	2494.75	2487.94	2499.65	2494.11	0.24	ppb
Beryllium	9-1	497.76	493.51	497.25	496.17	0.47	ppb
Bismuth	209-1				88		%
Bismuth	209-2				81		%
Boron	10-1	522.71	541.07	551.21	538.33	2.68	ppb
Boron	11-1	521.01	531.18	542.10	531.43	1.98	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	514.20	518.06	521.55	517.94	0.71	ppb
Cadmium	106-1	513.40	522.81	515.45	517.22	0.96	ppb
Cadmium	108-1	517.61	522.37	515.70	518.56	0.66	ppb
Calcium	43-1	264821.93	267850.64	269798.23	267490.27	0.94	ppb
Calcium	44-1	248914.21	251604.34	256306.33	252274.96	1.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	515.05	513.39	510.07	512.84	0.49	ppb
Cobalt	59-2	528.84	525.64	522.96	525.81	0.56	ppb
Copper	63-2	5251.63	5271.23	5206.31	5243.06	0.64	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				94		%
Holmium	165-2				88		%
Indium	115-1				86		%
Indium	115-2				82		%
Iron	56-2	132755.67	130756.57	131890.26	131800.83	0.76	ppb
Iron	57-2	133523.96	132873.08	132152.61	132849.88	0.52	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	CCV16	Instrumnet Name :	P7
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 15:54:31	DataFile Name :	052CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	131063.01	131610.04	130400.60	131024.55	0.46	ppb
Krypton	83-1						cps
Lead	206-1	2603.09	2640.38	2638.35	2627.27	0.80	ppb
Lead	207-1	2565.03	2614.86	2625.44	2601.78	1.24	ppb
Lead	208-1	2590.55	2614.74	2625.68	2610.32	0.69	ppb
Lithium	6-1				85		%
Magnesium	24-2	258933.97	257877.25	257349.44	258053.55	0.31	ppb
Manganese	55-2	5434.59	5369.40	5331.74	5378.58	0.97	ppb
Molybdenum	94-1	2522.86	2537.98	2581.07	2547.30	1.19	ppb
Molybdenum	95-1	2497.63	2576.83	2576.47	2550.31	1.79	ppb
Molybdenum	96-1	2474.05	2569.91	2558.72	2534.23	2.07	ppb
Molybdenum	97-1	2507.00	2559.52	2562.01	2542.84	1.22	ppb
Molybdenum	98-1	2479.05	2547.99	2522.32	2516.45	1.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	505.59	503.49	492.55	500.55	1.40	ppb
Phosphorus	31-2	10276.08	10126.62	10290.36	10231.02	0.89	ppb
Potassium	39-2	128411.24	127212.17	127588.95	127737.45	0.48	ppb
Rhodium	103-1				80		%
Rhodium	103-2				79		%
Scandium	45-1				84		%
Scandium	45-2				83		%
Selenium	82-1	522.18	531.19	527.66	527.01	0.86	ppb
Selenium	77-2	538.52	513.50	538.65	530.22	2.73	ppb
Selenium	78-2	536.48	539.00	541.48	538.99	0.46	ppb
Silicon	28-1	501.02	517.22	534.08	517.44	3.19	ppb
Silver	107-1	496.50	497.08	502.42	498.67	0.65	ppb
Silver	109-1	493.18	500.18	499.73	497.69	0.79	ppb
Sodium	23-2	259883.85	258439.21	258458.83	258927.30	0.32	ppb
Strontium	86-1	4951.54	5076.02	5148.67	5058.74	1.97	ppb
Strontium	88-1	5020.99	5140.91	5125.72	5095.87	1.28	ppb
Sulfur	34-1	10350.90	10432.09	10505.53	10429.51	0.74	ppb
Terbium	159-1				93		%
Terbium	159-2				87		%
Thallium	203-1	505.95	508.63	511.37	508.65	0.53	ppb
Thallium	205-1	523.14	520.67	527.92	523.91	0.70	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	CCV16	Instrumnet Name :	P7
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 15:54:31	DataFile Name :	052CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	538.25	539.36	545.71	541.10	0.74	ppb
Tin	118-1	487.89	491.45	499.88	493.07	1.25	ppb
Titanium	47-1	2521.41	2543.28	2540.08	2534.92	0.47	ppb
Uranium	238-1	540.82	543.10	545.60	543.18	0.44	ppb
Vanadium	51-2	516.05	513.29	513.65	514.33	0.29	ppb
Yttrium	89-1				89		%
Yttrium	89-2				84		%
Zinc	66-2	5191.02	5190.31	5180.03	5187.12	0.12	ppb
Zirconium	90-1	505.48	514.43	515.51	511.81	1.08	ppb
Zirconium	91-1	496.78	511.33	509.44	505.85	1.56	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	CCB16	Instrumnet Name :	P7
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 16:00:54	DataFile Name :	053CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.74	1.17	2.40	1.77	34.83	ppb
Antimony	121-1	0.13	0.10	0.12	0.12	12.57	ppb
Arsenic	75-2	0.03	0.01	0.02	0.02	50.54	ppb
Barium	135-1	0.03	0.05	0.06	0.05	27.83	ppb
Barium	137-1	0.03	0.05	0.05	0.04	20.39	ppb
Beryllium	9-1	0.08	0.05	0.06	0.07	21.74	ppb
Bismuth	209-1				95		%
Bismuth	209-2				90		%
Boron	10-1	17.21	15.40	15.15	15.92	7.06	ppb
Boron	11-1	16.38	15.48	14.92	15.59	4.70	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.09	-0.03	-0.17	-0.10		ppb
Cadmium	106-1	-1.45	-0.76	-2.54	-1.58		ppb
Cadmium	108-1	0.20	0.08	0.11	0.13	50.61	ppb
Calcium	43-1	4.78	9.46	0.97	5.07	83.87	ppb
Calcium	44-1	2.71	3.55	3.44	3.24	14.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.02	0.02	0.02	7.69	ppb
Cobalt	59-2	0.01	0.00	0.01	0.01	48.86	ppb
Copper	63-2	0.27	0.24	0.21	0.24	10.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				91		%
Indium	115-1				96		%
Indium	115-2				91		%
Iron	56-2	2.40	3.00	2.83	2.74	11.29	ppb
Iron	57-2	2.86	2.97	2.99	2.94	2.35	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	CCB16	Instrumnet Name :	P7
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 16:00:54	DataFile Name :	053CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2.89	1.67	2.24	2.27	26.89	ppb
Krypton	83-1						cps
Lead	206-1	0.18	0.19	0.22	0.20	9.69	ppb
Lead	207-1	0.19	0.21	0.17	0.19	9.71	ppb
Lead	208-1	0.19	0.19	0.21	0.20	4.88	ppb
Lithium	6-1				93		%
Magnesium	24-2	4.96	4.50	4.96	4.81	5.59	ppb
Manganese	55-2	0.10	0.11	0.13	0.11	10.78	ppb
Molybdenum	94-1	0.13	0.10	0.11	0.11	16.46	ppb
Molybdenum	95-1	0.14	0.11	0.08	0.11	27.05	ppb
Molybdenum	96-1	0.08	0.08	0.11	0.09	16.48	ppb
Molybdenum	97-1	0.11	0.10	0.07	0.10	23.02	ppb
Molybdenum	98-1	0.12	0.11	0.08	0.10	20.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.08	-0.05	-0.03	-0.05		ppb
Phosphorus	31-2	-10.08	-12.07	-11.95	-11.37		ppb
Potassium	39-2	22.36	23.20	22.92	22.82	1.86	ppb
Rhodium	103-1				91		%
Rhodium	103-2				91		%
Scandium	45-1				91		%
Scandium	45-2				90		%
Selenium	82-1	0.12	0.49	-0.11	0.17	181.12	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.78	-0.28	-0.21	0.10	614.05	ppb
Silicon	28-1	5.45	5.90	4.62	5.32	12.26	ppb
Silver	107-1	0.13	0.08	0.04	0.08	52.17	ppb
Silver	109-1	0.14	0.07	0.46	0.22	92.44	ppb
Sodium	23-2	52.87	55.31	54.41	54.20	2.28	ppb
Strontium	86-1	0.13	0.01	0.13	0.09	78.14	ppb
Strontium	88-1	0.07	0.07	0.07	0.07	4.26	ppb
Sulfur	34-1	-449.06	-266.46	-319.10	-344.87		ppb
Terbium	159-1				97		%
Terbium	159-2				90		%
Thallium	203-1	0.14	0.10	0.10	0.11	16.55	ppb
Thallium	205-1	0.10	0.11	0.10	0.10	4.76	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	CCB16	Instrumnet Name :	P7
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 16:00:54	DataFile Name :	053CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.01	0.01	0.01	16.16	ppb
Tin	118-1	0.00	0.02	0.01	0.01	78.77	ppb
Titanium	47-1	0.09	0.03	0.07	0.06	50.62	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	15.82	ppb
Vanadium	51-2	0.01	0.00	0.01	0.01	75.85	ppb
Yttrium	89-1				94		%
Yttrium	89-2				91		%
Zinc	66-2	0.37	0.40	0.27	0.35	19.19	ppb
Zirconium	90-1	0.04	0.03	0.02	0.03	28.16	ppb
Zirconium	91-1	0.01	0.06	0.03	0.03	90.06	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-17	Instrumnet Name :	P7
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 16:04:03	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	168.77	159.14	175.19	167.70	4.82	ppb
Antimony	121-1	0.23	0.22	0.25	0.23	5.66	ppb
Arsenic	75-2	3.18	2.75	2.89	2.94	7.49	ppb
Barium	135-1	54.27	55.75	55.35	55.12	1.40	ppb
Barium	137-1	55.59	57.17	57.53	56.76	1.81	ppb
Beryllium	9-1	0.08	0.08	0.04	0.07	32.46	ppb
Bismuth	209-1				93		%
Bismuth	209-2				89		%
Boron	10-1	88.83	94.03	92.58	91.81	2.92	ppb
Boron	11-1	91.59	92.45	97.26	93.77	3.26	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.05	-0.16	-0.11	-0.07		ppb
Cadmium	106-1	0.34	-2.15	-1.73	-1.18		ppb
Cadmium	108-1	0.14	0.17	-0.17	0.05	381.18	ppb
Calcium	43-1	24723.63	24615.79	24492.89	24610.77	0.47	ppb
Calcium	44-1	23515.38	23393.30	23337.94	23415.54	0.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.53	0.43	0.55	0.50	13.54	ppb
Cobalt	59-2	0.49	0.49	0.51	0.49	2.08	ppb
Copper	63-2	1.35	1.27	1.37	1.33	4.16	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				97		%
Holmium	165-2				90		%
Indium	115-1				95		%
Indium	115-2				89		%
Iron	56-2	2682.84	2677.94	2672.54	2677.77	0.19	ppb
Iron	57-2	2765.37	2726.64	2687.18	2726.40	1.43	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-17	Instrumnet Name :	P7
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 16:04:03	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2713.24	2728.25	2691.60	2711.03	0.68	ppb
Krypton	83-1						cps
Lead	206-1	0.77	0.80	0.76	0.78	2.20	ppb
Lead	207-1	0.83	0.77	0.76	0.79	5.04	ppb
Lead	208-1	0.78	0.77	0.76	0.77	1.44	ppb
Lithium	6-1				92		%
Magnesium	24-2	6716.11	6738.64	6706.14	6720.30	0.25	ppb
Manganese	55-2	499.52	501.66	497.25	499.48	0.44	ppb
Molybdenum	94-1	0.64	0.67	0.64	0.65	2.41	ppb
Molybdenum	95-1	0.71	0.66	0.64	0.67	5.33	ppb
Molybdenum	96-1	0.67	0.64	0.75	0.69	7.86	ppb
Molybdenum	97-1	0.76	0.67	0.64	0.69	9.54	ppb
Molybdenum	98-1	0.63	0.70	0.66	0.66	5.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.73	2.82	2.81	2.79	1.64	ppb
Phosphorus	31-2	196.64	175.26	179.18	183.69	6.20	ppb
Potassium	39-2	4762.11	4785.83	4787.74	4778.56	0.30	ppb
Rhodium	103-1				89		%
Rhodium	103-2				89		%
Scandium	45-1				90		%
Scandium	45-2				88		%
Selenium	82-1	0.91	1.56	0.69	1.05	43.00	ppb
Selenium	77-2	0.00	0.00	1.07	0.36	173.21	ppb
Selenium	78-2	0.31	0.11	-0.41	0.00	14802.59	ppb
Silicon	28-1	3811.62	3774.88	3842.15	3809.55	0.88	ppb
Silver	107-1	0.03	0.02	0.02	0.02	14.55	ppb
Silver	109-1	0.02	0.03	0.03	0.03	20.95	ppb
Sodium	23-2	21375.00	21312.86	21168.32	21285.39	0.50	ppb
Strontium	86-1	104.64	105.46	106.95	105.68	1.11	ppb
Strontium	88-1	105.80	106.66	107.33	106.60	0.72	ppb
Sulfur	34-1	10050.46	9901.11	9973.37	9974.98	0.75	ppb
Terbium	159-1				96		%
Terbium	159-2				89		%
Thallium	203-1	0.06	0.03	0.05	0.05	26.42	ppb
Thallium	205-1	0.06	0.04	0.05	0.05	12.70	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-17	Instrumnet Name :	P7
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 16:04:03	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.02	0.03	0.02	0.02	28.96	ppb
Tin	118-1	0.14	0.19	0.18	0.17	17.23	ppb
Titanium	47-1	3.01	2.78	2.62	2.80	7.11	ppb
Uranium	238-1	0.04	0.04	0.05	0.04	5.09	ppb
Vanadium	51-2	0.84	0.94	0.81	0.86	7.79	ppb
Yttrium	89-1				94		%
Yttrium	89-2				89		%
Zinc	66-2	28.81	28.55	29.53	28.96	1.75	ppb
Zirconium	90-1	0.09	0.09	0.09	0.09	3.81	ppb
Zirconium	91-1	0.11	0.09	0.09	0.10	12.61	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3752-02	Instrumnet Name :	P7
Client Sample ID :	FB-1UP	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 16:07:10	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27312.98	27478.64	27399.36	27396.99	0.30	ppb
Antimony	121-1	2.20	2.21	2.14	2.19	1.66	ppb
Arsenic	75-2	17.14	17.50	18.50	17.71	3.99	ppb
Barium	135-1	141.58	145.77	147.90	145.08	2.21	ppb
Barium	137-1	143.13	144.83	143.85	143.93	0.60	ppb
Beryllium	9-1	1.76	1.79	1.94	1.83	5.43	ppb
Bismuth	209-1				95		%
Bismuth	209-2				90		%
Boron	10-1	130.79	137.77	136.87	135.15	2.81	ppb
Boron	11-1	135.46	135.85	140.72	137.34	2.13	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.92	1.92	1.91	1.92	0.48	ppb
Cadmium	106-1	3.80	4.71	4.29	4.26	10.63	ppb
Cadmium	108-1	2.20	2.74	2.25	2.40	12.38	ppb
Calcium	43-1	60769.60	61600.53	61237.71	61202.61	0.68	ppb
Calcium	44-1	58612.88	58026.85	58294.99	58311.57	0.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	109.27	109.05	110.84	109.72	0.89	ppb
Cobalt	59-2	34.05	33.98	34.05	34.03	0.11	ppb
Copper	63-2	210.22	211.79	212.24	211.42	0.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				93		%
Indium	115-1				95		%
Indium	115-2				92		%
Iron	56-2	60432.38	60667.49	60741.94	60613.93	0.27	ppb
Iron	57-2	60995.31	61192.35	61559.19	61248.95	0.47	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3752-02	Instrumnet Name :	P7
Client Sample ID :	FB-1UP	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 16:07:10	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	61046.39	60838.03	60950.13	60944.85	0.17	ppb
Krypton	83-1						cps
Lead	206-1	254.05	255.50	258.71	256.08	0.93	ppb
Lead	207-1	242.18	241.94	244.55	242.89	0.59	ppb
Lead	208-1	248.02	248.52	250.47	249.00	0.52	ppb
Lithium	6-1				91		%
Magnesium	24-2	15037.24	15098.73	15172.37	15102.78	0.45	ppb
Manganese	55-2	2055.63	2069.24	2065.52	2063.47	0.34	ppb
Molybdenum	94-1	8.13	9.47	10.96	9.52	14.84	ppb
Molybdenum	95-1	3.44	3.68	3.79	3.64	5.01	ppb
Molybdenum	96-1	4.24	4.59	4.43	4.42	4.04	ppb
Molybdenum	97-1	3.43	3.52	3.60	3.52	2.47	ppb
Molybdenum	98-1	3.44	3.78	3.60	3.61	4.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	117.70	118.37	118.20	118.09	0.29	ppb
Phosphorus	31-2	1587.00	1499.06	1607.35	1564.47	3.68	ppb
Potassium	39-2	6969.12	7157.99	7078.40	7068.50	1.34	ppb
Rhodium	103-1				89		%
Rhodium	103-2				91		%
Scandium	45-1				94		%
Scandium	45-2				95		%
Selenium	82-1	1.11	1.82	2.03	1.65	29.23	ppb
Selenium	77-2	13.57	14.09	19.73	15.80	21.61	ppb
Selenium	78-2	2.96	4.29	3.52	3.59	18.72	ppb
Silicon	28-1	33932.64	34097.60	33521.75	33850.67	0.88	ppb
Silver	107-1	0.97	0.95	0.94	0.95	1.42	ppb
Silver	109-1	0.92	0.93	0.88	0.91	2.89	ppb
Sodium	23-2	4388.43	4437.75	4450.98	4425.72	0.74	ppb
Strontium	86-1	268.46	286.71	288.59	281.25	3.95	ppb
Strontium	88-1	268.99	289.42	289.02	282.47	4.13	ppb
Sulfur	34-1	569.18	454.36	387.80	470.45	19.50	ppb
Terbium	159-1				97		%
Terbium	159-2				93		%
Thallium	203-1	0.40	0.39	0.38	0.39	2.52	ppb
Thallium	205-1	0.39	0.37	0.39	0.39	2.74	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3752-02	Instrumnet Name :	P7
Client Sample ID :	FB-1UP	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 16:07:10	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	5.11	5.13	5.17	5.14	0.58	ppb
Tin	118-1	3.64	3.52	3.56	3.57	1.80	ppb
Titanium	47-1	958.31	943.73	938.41	946.82	1.09	ppb
Uranium	238-1	2.22	2.14	2.21	2.19	1.81	ppb
Vanadium	51-2	93.46	93.17	93.61	93.41	0.24	ppb
Yttrium	89-1				104		%
Yttrium	89-2				101		%
Zinc	66-2	735.70	739.11	738.41	737.74	0.24	ppb
Zirconium	90-1	3.90	4.22	4.07	4.07	3.86	ppb
Zirconium	91-1	3.90	4.37	3.86	4.04	7.04	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	CCV17	Instrumnet Name :	P7
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 16:10:19	DataFile Name :	056CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50783.44	50732.78	51013.55	50843.26	0.29	ppb
Antimony	121-1	480.82	487.72	487.69	485.41	0.82	ppb
Arsenic	75-2	508.88	505.59	504.51	506.33	0.45	ppb
Barium	135-1	2435.65	2461.78	2432.63	2443.35	0.66	ppb
Barium	137-1	2496.35	2526.12	2487.81	2503.43	0.80	ppb
Beryllium	9-1	492.83	495.51	499.37	495.90	0.66	ppb
Bismuth	209-1				87		%
Bismuth	209-2				81		%
Boron	10-1	492.65	495.88	519.97	502.84	2.97	ppb
Boron	11-1	486.29	505.83	521.87	504.66	3.53	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	519.20	524.21	524.13	522.52	0.55	ppb
Cadmium	106-1	520.61	529.94	520.69	523.75	1.02	ppb
Cadmium	108-1	525.18	530.05	522.27	525.83	0.75	ppb
Calcium	43-1	261449.34	264760.29	265042.49	263750.70	0.76	ppb
Calcium	44-1	245439.22	252268.70	251798.26	249835.39	1.53	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	506.20	504.26	502.43	504.30	0.37	ppb
Cobalt	59-2	518.03	514.78	515.10	515.97	0.35	ppb
Copper	63-2	5167.68	5154.45	5162.43	5161.52	0.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				88		%
Indium	115-1				87		%
Indium	115-2				82		%
Iron	56-2	129598.37	129487.20	129353.21	129479.59	0.09	ppb
Iron	57-2	131280.51	131321.10	130824.90	131142.17	0.21	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	CCV17	Instrumnet Name :	P7
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 16:10:19	DataFile Name :	056CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	129874.35	128323.25	128553.42	128917.01	0.65	ppb
Krypton	83-1						cps
Lead	206-1	2603.79	2627.23	2629.55	2620.19	0.54	ppb
Lead	207-1	2608.96	2635.91	2632.77	2625.88	0.56	ppb
Lead	208-1	2597.89	2623.31	2624.07	2615.09	0.57	ppb
Lithium	6-1				87		%
Magnesium	24-2	254492.52	253639.37	254580.45	254237.45	0.20	ppb
Manganese	55-2	5250.03	5277.59	5279.26	5268.96	0.31	ppb
Molybdenum	94-1	2480.64	2546.95	2554.85	2527.48	1.61	ppb
Molybdenum	95-1	2480.46	2540.54	2543.83	2521.61	1.41	ppb
Molybdenum	96-1	2493.42	2562.99	2532.53	2529.65	1.38	ppb
Molybdenum	97-1	2471.97	2539.41	2550.02	2520.47	1.68	ppb
Molybdenum	98-1	2473.04	2533.97	2543.55	2516.85	1.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	495.07	490.80	491.62	492.50	0.46	ppb
Phosphorus	31-2	9848.29	10254.70	9922.97	10008.65	2.16	ppb
Potassium	39-2	126513.59	125765.51	126280.49	126186.53	0.30	ppb
Rhodium	103-1				81		%
Rhodium	103-2				79		%
Scandium	45-1				87		%
Scandium	45-2				84		%
Selenium	82-1	513.54	528.61	526.08	522.74	1.54	ppb
Selenium	77-2	517.13	542.86	504.87	521.62	3.72	ppb
Selenium	78-2	532.45	540.45	538.70	537.20	0.78	ppb
Silicon	28-1	477.50	486.85	497.14	487.16	2.02	ppb
Silver	107-1	500.18	509.85	502.85	504.29	0.99	ppb
Silver	109-1	503.22	503.25	505.85	504.10	0.30	ppb
Sodium	23-2	254863.42	252887.30	253189.06	253646.59	0.42	ppb
Strontium	86-1	4958.97	5040.15	5120.62	5039.91	1.60	ppb
Strontium	88-1	4960.54	5086.10	5100.94	5049.19	1.53	ppb
Sulfur	34-1	10722.72	10688.60	10485.27	10632.19	1.21	ppb
Terbium	159-1				94		%
Terbium	159-2				87		%
Thallium	203-1	504.05	510.66	508.93	507.88	0.68	ppb
Thallium	205-1	517.39	526.34	520.91	521.55	0.86	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	CCV17	Instrumnet Name :	P7
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 16:10:19	DataFile Name :	056CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	530.75	535.71	541.27	535.91	0.98	ppb
Tin	118-1	486.70	495.26	498.89	493.62	1.27	ppb
Titanium	47-1	2483.62	2521.61	2522.71	2509.31	0.89	ppb
Uranium	238-1	531.02	533.89	539.40	534.77	0.80	ppb
Vanadium	51-2	506.47	505.45	505.25	505.72	0.13	ppb
Yttrium	89-1				90		%
Yttrium	89-2				84		%
Zinc	66-2	5105.64	5075.50	5113.91	5098.35	0.40	ppb
Zirconium	90-1	497.19	508.78	512.33	506.10	1.56	ppb
Zirconium	91-1	492.09	505.23	504.42	500.58	1.47	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	CCB17	Instrumnet Name :	P7
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 16:33:46	DataFile Name :	057CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.79	0.33	1.14	0.75	54.45	ppb
Antimony	121-1	0.05	0.04	0.03	0.04	25.94	ppb
Arsenic	75-2	0.05	-0.01	-0.01	0.01	320.35	ppb
Barium	135-1	0.03	0.03	0.01	0.02	40.44	ppb
Barium	137-1	0.05	0.05	0.02	0.04	47.30	ppb
Beryllium	9-1	0.06	0.07	0.06	0.06	10.34	ppb
Bismuth	209-1				92		%
Bismuth	209-2				88		%
Boron	10-1	2.23	3.49	3.30	3.01	22.59	ppb
Boron	11-1	3.23	3.60	2.76	3.20	13.08	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.20	-0.17	-0.01	-0.13		ppb
Cadmium	106-1	-2.91	-2.34	-0.13	-1.79		ppb
Cadmium	108-1	-0.01	-0.01	0.02	0.00	698.28	ppb
Calcium	43-1	2.27	9.64	3.17	5.03	79.93	ppb
Calcium	44-1	4.03	3.30	3.57	3.63	10.12	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.05	0.03	0.05	0.04	25.58	ppb
Cobalt	59-2	-0.01	0.01	0.01	0.00	280.94	ppb
Copper	63-2	0.12	0.17	0.13	0.14	20.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				89		%
Indium	115-1				96		%
Indium	115-2				90		%
Iron	56-2	2.27	1.97	2.10	2.11	7.16	ppb
Iron	57-2	3.15	2.07	1.75	2.32	31.62	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	CCB17	Instrumnet Name :	P7
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 16:33:46	DataFile Name :	057CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2.93	1.35	0.72	1.67	68.09	ppb
Krypton	83-1						cps
Lead	206-1	0.23	0.26	0.22	0.24	9.85	ppb
Lead	207-1	0.22	0.24	0.22	0.23	5.80	ppb
Lead	208-1	0.24	0.25	0.23	0.24	5.61	ppb
Lithium	6-1				94		%
Magnesium	24-2	2.88	3.54	4.77	3.73	25.76	ppb
Manganese	55-2	0.12	0.10	0.10	0.11	11.89	ppb
Molybdenum	94-1	0.07	0.06	0.04	0.05	25.20	ppb
Molybdenum	95-1	0.05	0.03	0.04	0.04	24.63	ppb
Molybdenum	96-1	0.05	0.03	0.04	0.04	21.68	ppb
Molybdenum	97-1	0.07	0.03	0.07	0.06	37.95	ppb
Molybdenum	98-1	0.04	0.03	0.04	0.04	4.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.03	-0.02	-0.02		ppb
Phosphorus	31-2	-6.68	2.91	0.52	-1.08		ppb
Potassium	39-2	5.53	23.60	18.83	15.99	58.56	ppb
Rhodium	103-1				92		%
Rhodium	103-2				90		%
Scandium	45-1				92		%
Scandium	45-2				89		%
Selenium	82-1	0.92	1.02	1.09	1.01	8.46	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.13	-0.45	-0.13	-0.24		ppb
Silicon	28-1	2.28	0.92	2.03	1.74	41.70	ppb
Silver	107-1	0.02	0.02	0.01	0.02	31.42	ppb
Silver	109-1	0.03	0.02	0.02	0.02	27.96	ppb
Sodium	23-2	20.96	24.00	24.88	23.28	8.83	ppb
Strontium	86-1	0.07	0.05	0.08	0.07	23.43	ppb
Strontium	88-1	0.09	0.06	0.07	0.07	19.00	ppb
Sulfur	34-1	818.58	550.67	586.13	651.80	22.33	ppb
Terbium	159-1				94		%
Terbium	159-2				89		%
Thallium	203-1	0.00	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	0.00	0.00	0.00		ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	CCB17	Instrumnet Name :	P7
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 16:33:46	DataFile Name :	057CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.00	0.00	0.00	61.92	ppb
Tin	118-1	0.01	0.04	0.05	0.03	70.35	ppb
Titanium	47-1	0.07	0.03	0.07	0.05	40.34	ppb
Uranium	238-1	0.00	0.01	0.01	0.01	27.48	ppb
Vanadium	51-2	0.01	0.02	0.01	0.02	21.29	ppb
Yttrium	89-1				94		%
Yttrium	89-2				89		%
Zinc	66-2	0.32	0.50	0.27	0.36	32.64	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	13.50	ppb
Zirconium	91-1	0.02	0.01	0.02	0.02	38.21	ppb

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 11:57:55	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	66	91	50	69	30.25	cps
Antimony	121-1	42	142	133	106	52.56	cps
Arsenic	75-2	4	11	4	6	69.34	cps
Barium	135-1	8	25	8	14	69.31	cps
Barium	137-1	8	17	33	19	65.47	cps
Beryllium	9-1	50	56	44	50	11.11	cps
Bismuth	209-1	6954043	6963338	6875182	6930854	0.70	cps
Bismuth	209-2	4086092	4139398	4071791	4099094	0.87	cps
Boron	10-1	583	433	483	500	15.28	cps
Boron	11-1	2567	2575	2167	2436	9.58	cps
Bromine	81-1	7552	7544	6718	7272	6.59	cps
Bromine	81-2	20	40	40	33	34.64	cps
Cadmium	111-1	2802	2852	2758	2804	1.67	cps
Cadmium	106-1	3984	4076	3934	3998	1.80	cps
Cadmium	108-1	17	38	29	28	37.74	cps
Calcium	43-1	108	50	58	72	43.69	cps
Calcium	44-1	3892	4459	4451	4267	7.61	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	593	603	663	620	6.11	cps
Cobalt	59-2	30	53	37	40	30.04	cps
Copper	63-2	433	440	447	440	1.51	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Dysprosium	156-2	3	13	3	7	86.65	cps
Erbium	164-1	42	67	33	47	36.74	cps
Erbium	164-2	27	20	33	27	24.99	cps
Gadolinium	160-1	33	50	67	50	33.34	cps
Gadolinium	160-2	117	117	100	111	8.66	cps
Holmium	165-1	9971102	9977079	9851739	9933307	0.71	cps
Holmium	165-2	5308219	5359755	5261738	5309904	0.92	cps
Indium	115-1	6930617	6911534	7005809	6949320	0.72	cps
Indium	115-2	1676461	1719582	1656854	1684299	1.91	cps
Iron	56-2	2778	3212	3223	3071	8.26	cps
Iron	57-2	133	111	106	117	12.60	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 11:57:55	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	761	501	671	644	20.52	cps
Krypton	83-1	570	533	630	578	8.45	cps
Lead	206-1	878	778	811	822	6.19	cps
Lead	207-1	794	700	628	707	11.82	cps
Lead	208-1	3445	3234	3311	3330	3.21	cps
Lithium	6-1	2139648	2159592	2146154	2148464	0.47	cps
Magnesium	24-2	217	217	175	203	11.86	cps
Manganese	55-2	33	37	13	28	45.44	cps
Molybdenum	94-1	183	225	192	200	11.02	cps
Molybdenum	95-1	17	42	33	31	41.66	cps
Molybdenum	96-1	108	100	100	103	4.68	cps
Molybdenum	97-1	8	50	8	22	108.27	cps
Molybdenum	98-1	50	50	67	56	17.32	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	130	110	110	117	9.90	cps
Phosphorus	31-2	200	150	158	169	15.81	cps
Potassium	39-2	23761	25038	22693	23831	4.93	cps
Rhodium	103-1	6287417	6323828	6343436	6318227	0.45	cps
Rhodium	103-2	3081948	3137322	3057493	3092254	1.32	cps
Scandium	45-1	3877005	3916310	3968380	3920565	1.17	cps
Scandium	45-2	228782	235215	223370	229122	2.59	cps
Selenium	82-1	-3	27	-105	-27	-255.38	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	59	65	56	60	7.78	cps
Silicon	28-1	188694	196516	208727	197979	5.10	cps
Silver	107-1	117	58	50	75	48.44	cps
Silver	109-1	8	0	25	11	114.58	cps
Sodium	23-2	9812	10237	9929	9992	2.20	cps
Strontium	86-1	850	917	808	858	6.37	cps
Strontium	88-1	175	142	117	144	20.26	cps
Sulfur	34-1	312765	310885	326781	316811	2.74	cps
Terbium	159-1	10145645	10055230	10078836	10093237	0.46	cps
Terbium	159-2	5202121	5304183	5175293	5227199	1.30	cps
Thallium	203-1	317	292	150	253	35.56	cps
Thallium	205-1	592	700	525	606	14.59	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 11:57:55	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	389	183	244	272	38.78	cps
Tin	118-1	667	700	617	661	6.34	cps
Titanium	47-1	25	42	50	39	32.73	cps
Uranium	238-1	17	33	42	31	41.66	cps
Vanadium	51-2	3	0	0	1	173.21	cps
Yttrium	89-1	10795999	10787163	10997623	10860262	1.10	cps
Yttrium	89-2	1956365	1995103	1915879	1955782	2.03	cps
Zinc	66-2	139	169	166	158	10.26	cps
Zirconium	90-1	450	450	533	478	10.07	cps
Zirconium	91-1	150	125	75	117	32.73	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 12:04:12	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2627	2096	2337	2353	11.31	cps
Antimony	121-1	14425	15400	14091	14639	4.65	cps
Arsenic	75-2	304	289	248	280	10.27	cps
Barium	135-1	17587	17803	18129	17840	1.53	cps
Barium	137-1	31837	30442	31161	31147	2.24	cps
Beryllium	9-1	1361	1750	1606	1572	12.50	cps
Bismuth	209-1	6766303	7144615	6886064	6932328	2.79	cps
Bismuth	209-2	4194147	4107905	4130834	4144295	1.08	cps
Boron	10-1	5026	5393	5334	5251	3.75	cps
Boron	11-1	23619	24545	25556	24573	3.94	cps
Bromine	81-1	6485	5951	7636	6691	12.86	cps
Bromine	81-2	80	50	40	57	36.74	cps
Cadmium	111-1	4505	4848	4731	4694	3.71	cps
Cadmium	106-1	4367	4451	4334	4384	1.37	cps
Cadmium	108-1	158	163	142	154	7.15	cps
Calcium	43-1	9995	10496	9762	10084	3.72	cps
Calcium	44-1	165161	177993	166176	169777	4.20	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5765	5648	5501	5638	2.34	cps
Cobalt	59-2	3977	3781	3804	3854	2.79	cps
Copper	63-2	5528	5161	5611	5433	4.41	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	50	92	33	58	51.51	cps
Erbium	164-2	47	33	37	39	17.85	cps
Gadolinium	160-1	58	67	58	61	7.87	cps
Gadolinium	160-2	110	113	140	121	13.58	cps
Holmium	165-1	9777601	9928811	9898823	9868412	0.81	cps
Holmium	165-2	5458078	5318968	5407014	5394687	1.30	cps
Indium	115-1	6886926	7109092	6826596	6940871	2.14	cps
Indium	115-2	1783593	1706512	1742537	1744214	2.21	cps
Iron	56-2	115028	110517	113114	112887	2.01	cps
Iron	57-2	3289	2761	3073	3041	8.73	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 12:04:12	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	7239	6989	7169	7132	1.81	cps
Krypton	83-1	570	530	597	566	5.93	cps
Lead	206-1	7886	8041	8192	8040	1.90	cps
Lead	207-1	6896	6952	6796	6882	1.15	cps
Lead	208-1	32177	31971	32956	32368	1.60	cps
Lithium	6-1	2111765	2135242	2143644	2130217	0.78	cps
Magnesium	24-2	117745	107600	109807	111717	4.78	cps
Manganese	55-2	1747	1710	1697	1718	1.51	cps
Molybdenum	94-1	13599	15033	13915	14182	5.31	cps
Molybdenum	95-1	17319	18112	17670	17700	2.24	cps
Molybdenum	96-1	19347	20423	19722	19831	2.76	cps
Molybdenum	97-1	10971	11889	10846	11235	5.07	cps
Molybdenum	98-1	28370	30141	27661	28724	4.45	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	1267	1177	1020	1155	10.81	cps
Phosphorus	31-2	200	158	242	200	20.83	cps
Potassium	39-2	138400	129629	135941	134657	3.36	cps
Rhodium	103-1	6335367	6553757	6195647	6361590	2.84	cps
Rhodium	103-2	3265386	3153105	3216746	3211746	1.75	cps
Scandium	45-1	3900743	4193525	3851752	3982006	4.64	cps
Scandium	45-2	250675	232823	242960	242152	3.70	cps
Selenium	82-1	614	649	558	607	7.59	cps
Selenium	77-2	33	40	40	38	10.19	cps
Selenium	78-2	194	178	167	180	7.78	cps
Silicon	28-1	254957	296768	235108	262278	12.00	cps
Silver	107-1	9178	9437	9403	9339	1.51	cps
Silver	109-1	8303	8161	8578	8347	2.54	cps
Sodium	23-2	207222	191795	200296	199771	3.87	cps
Strontium	86-1	3275	3542	3192	3337	5.48	cps
Strontium	88-1	20573	21475	21033	21027	2.14	cps
Sulfur	34-1	331672	368537	305608	335272	9.43	cps
Terbium	159-1	9921775	10045883	9939398	9969018	0.67	cps
Terbium	159-2	5362184	5247790	5342270	5317415	1.15	cps
Thallium	203-1	8536	8261	8928	8575	3.91	cps
Thallium	205-1	21092	20683	21777	21184	2.61	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 12:04:12	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	272	183	239	231	19.40	cps
Tin	118-1	29882	31168	30868	30639	2.20	cps
Titanium	47-1	4317	4784	4434	4512	5.38	cps
Uranium	238-1	29225	30135	30411	29924	2.07	cps
Vanadium	51-2	10507	9710	9613	9943	4.93	cps
Yttrium	89-1	10778425	11255879	10713022	10915775	2.71	cps
Yttrium	89-2	2096557	1986180	2041405	2041381	2.70	cps
Zinc	66-2	1140	1052	1034	1075	5.26	cps
Zirconium	90-1	11597	11864	11630	11697	1.24	cps
Zirconium	91-1	2650	2700	2625	2659	1.44	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 12:07:19	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	105057	106198	103319	104858	1.38	cps
Antimony	121-1	361192	361918	360644	361252	0.18	cps
Arsenic	75-2	12394	12580	12394	12456	0.86	cps
Barium	135-1	435451	441368	441510	439443	0.79	cps
Barium	137-1	767302	777382	776124	773603	0.71	cps
Beryllium	9-1	75665	77295	76603	76521	1.07	cps
Bismuth	209-1	6909872	6995094	6951400	6952122	0.61	cps
Bismuth	209-2	4103884	4124580	4100659	4109707	0.32	cps
Boron	10-1	9537	10395	10729	10220	6.02	cps
Boron	11-1	45703	49406	50986	48698	5.57	cps
Bromine	81-1	6568	6552	6318	6479	2.16	cps
Bromine	81-2	60	20	40	40	50.00	cps
Cadmium	111-1	100550	101471	101616	101212	0.57	cps
Cadmium	106-1	15526	14383	14816	14908	3.87	cps
Cadmium	108-1	7552	7665	7585	7601	0.76	cps
Calcium	43-1	104919	107865	105800	106195	1.42	cps
Calcium	44-1	1671052	1691894	1675599	1679515	0.65	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	114661	115397	114238	114765	0.51	cps
Cobalt	59-2	184861	186400	183184	184815	0.87	cps
Copper	63-2	1324712	1328910	1315454	1323025	0.52	cps
Dysprosium	156-1	33	17	42	31	41.66	cps
Dysprosium	156-2	3	23	20	16	68.90	cps
Erbium	164-1	58	67	58	61	7.87	cps
Erbium	164-2	20	23	20	21	9.11	cps
Gadolinium	160-1	75	108	92	92	18.18	cps
Gadolinium	160-2	90	127	120	112	17.41	cps
Holmium	165-1	10096343	9972027	10059245	10042538	0.64	cps
Holmium	165-2	5361383	5367578	5366683	5365215	0.06	cps
Indium	115-1	6960327	6966265	6882938	6936510	0.67	cps
Indium	115-2	1694846	1708442	1697071	1700120	0.43	cps
Iron	56-2	5312908	5316461	5211801	5280390	1.13	cps
Iron	57-2	131700	131740	129217	130886	1.10	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 12:07:19	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	297078	295281	288831	293730	1.48	cps
Krypton	83-1	590	480	613	561	12.69	cps
Lead	206-1	1814678	1812259	1845962	1824300	1.03	cps
Lead	207-1	1586904	1620220	1606184	1604436	1.04	cps
Lead	208-1	7282591	7381416	7349494	7337834	0.69	cps
Lithium	6-1	2189600	2193700	2181106	2188135	0.29	cps
Magnesium	24-2	1118151	1124133	1108653	1116979	0.70	cps
Manganese	55-2	806178	806182	799241	803867	0.50	cps
Molybdenum	94-1	702635	711772	702031	705479	0.77	cps
Molybdenum	95-1	854552	856221	855078	855284	0.10	cps
Molybdenum	96-1	954733	963422	966151	961435	0.62	cps
Molybdenum	97-1	540172	543265	543818	542419	0.36	cps
Molybdenum	98-1	1383459	1391487	1389759	1388235	0.30	cps
Neodymium	150-1	80	93	47	73	32.78	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	48506	49152	47523	48394	1.69	cps
Phosphorus	31-2	5618	5526	4984	5376	6.37	cps
Potassium	39-2	566109	566561	561777	564816	0.47	cps
Rhodium	103-1	6233210	6280333	6224097	6245880	0.48	cps
Rhodium	103-2	3100893	3115401	3105577	3107290	0.24	cps
Scandium	45-1	3918064	3988977	3905001	3937347	1.15	cps
Scandium	45-2	233660	233585	231173	232806	0.61	cps
Selenium	82-1	6021	6283	6120	6142	2.15	cps
Selenium	77-2	430	400	420	417	3.67	cps
Selenium	78-2	1328	1270	1369	1322	3.73	cps
Silicon	28-1	443807	459760	466946	456838	2.59	cps
Silver	107-1	466216	471597	468592	468802	0.58	cps
Silver	109-1	451768	447517	456849	452045	1.03	cps
Sodium	23-2	1862749	1863564	1843802	1856705	0.60	cps
Strontium	86-1	1099280	1085883	1089432	1091532	0.64	cps
Strontium	88-1	9370303	9327960	9489584	9395949	0.89	cps
Sulfur	34-1	352480	353965	346635	351027	1.10	cps
Terbium	159-1	10142753	9974136	10091154	10069348	0.86	cps
Terbium	159-2	5253566	5271402	5261153	5262041	0.17	cps
Thallium	203-1	440824	444474	454628	446642	1.60	cps
Thallium	205-1	1053296	1045231	1076079	1058202	1.51	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 12:07:19	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	1571291	1603863	1596997	1590717	1.08	cps
Tin	118-1	311302	312923	313261	312495	0.34	cps
Titanium	47-1	227493	226640	226910	227014	0.19	cps
Uranium	238-1	1532932	1548405	1562704	1548014	0.96	cps
Vanadium	51-2	95452	94966	93171	94530	1.27	cps
Yttrium	89-1	10871462	10887584	10882025	10880357	0.08	cps
Yttrium	89-2	1978934	1980383	1958594	1972637	0.62	cps
Zinc	66-2	213124	213538	209932	212198	0.93	cps
Zirconium	90-1	587569	586412	592778	588920	0.58	cps
Zirconium	91-1	132734	134089	132449	133091	0.66	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 12:10:26	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	261839	255506	260981	259442	1.32	cps
Antimony	121-1	916232	918337	890875	908481	1.68	cps
Arsenic	75-2	31163	30729	32416	31436	2.79	cps
Barium	135-1	1092201	1110713	1079809	1094241	1.42	cps
Barium	137-1	1910994	1953359	1910905	1925086	1.27	cps
Beryllium	9-1	188369	187604	184128	186700	1.21	cps
Bismuth	209-1	6778811	6944337	6956820	6893323	1.44	cps
Bismuth	209-2	4081737	4020712	4054812	4052420	0.75	cps
Boron	10-1	23627	25338	25363	24776	4.02	cps
Boron	11-1	109671	118562	119375	115870	4.65	cps
Bromine	81-1	5801	5760	6685	6082	8.59	cps
Bromine	81-2	40	60	10	37	68.63	cps
Cadmium	111-1	242084	249111	246147	245781	1.44	cps
Cadmium	106-1	30834	31260	29565	30553	2.89	cps
Cadmium	108-1	18425	18959	18228	18537	2.04	cps
Calcium	43-1	266574	265605	257561	263247	1.88	cps
Calcium	44-1	4161816	4204992	4068665	4145158	1.68	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	284555	278781	286308	283215	1.39	cps
Cobalt	59-2	459390	449208	462129	456909	1.49	cps
Copper	63-2	3286170	3203231	3271306	3253569	1.36	cps
Dysprosium	156-1	67	117	58	81	39.17	cps
Dysprosium	156-2	40	53	43	46	15.23	cps
Erbium	164-1	75	108	108	97	19.80	cps
Erbium	164-2	53	40	47	47	14.28	cps
Gadolinium	160-1	150	92	92	111	30.31	cps
Gadolinium	160-2	163	150	140	151	7.75	cps
Holmium	165-1	9831202	10004646	10033737	9956528	1.10	cps
Holmium	165-2	5365235	5304370	5331987	5333864	0.57	cps
Indium	115-1	6832203	6830136	6765727	6809356	0.56	cps
Indium	115-2	1693733	1651949	1700769	1682150	1.57	cps
Iron	56-2	12720560	12352699	12691286	12588182	1.62	cps
Iron	57-2	327794	317892	327988	324558	1.78	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 12:10:26	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	729873	717282	735697	727617	1.29	cps
Krypton	83-1	547	513	517	526	3.49	cps
Lead	206-1	4471429	4525730	4602204	4533121	1.45	cps
Lead	207-1	3887060	4016284	4042463	3981936	2.09	cps
Lead	208-1	18058799	18735410	18768693	18520967	2.16	cps
Lithium	6-1	2085033	2135575	2107158	2109255	1.20	cps
Magnesium	24-2	2781834	2711321	2797312	2763489	1.66	cps
Manganese	55-2	2004439	1957574	2006070	1989361	1.38	cps
Molybdenum	94-1	1754884	1786706	1716760	1752783	2.00	cps
Molybdenum	95-1	2130026	2159342	2083453	2124273	1.80	cps
Molybdenum	96-1	2391272	2413302	2329009	2377861	1.84	cps
Molybdenum	97-1	1347874	1350779	1319578	1339410	1.29	cps
Molybdenum	98-1	3502702	3512273	3416865	3477280	1.51	cps
Neodymium	150-1	53	140	147	113	45.95	cps
Neodymium	150-2	20	33	17	23	37.78	cps
Nickel	60-2	120883	116712	119346	118980	1.77	cps
Phosphorus	31-2	12889	13006	13531	13142	2.60	cps
Potassium	39-2	1362480	1332831	1386389	1360567	1.97	cps
Rhodium	103-1	6150280	6220947	6054175	6141801	1.36	cps
Rhodium	103-2	3088548	3026770	3101745	3072354	1.30	cps
Scandium	45-1	3912643	3912464	3781151	3868753	1.96	cps
Scandium	45-2	231668	225589	234987	230748	2.07	cps
Selenium	82-1	14708	15180	15032	14974	1.61	cps
Selenium	77-2	973	860	917	917	6.18	cps
Selenium	78-2	3106	3145	3202	3151	1.54	cps
Silicon	28-1	801797	819880	794334	805337	1.63	cps
Silver	107-1	1149794	1165989	1135997	1150593	1.30	cps
Silver	109-1	1102734	1126160	1101660	1110185	1.25	cps
Sodium	23-2	4492272	4376495	4547227	4471998	1.95	cps
Strontium	86-1	2683134	2711060	2654472	2682889	1.05	cps
Strontium	88-1	23036105	23577262	22659810	23091059	2.00	cps
Sulfur	34-1	409085	397434	378596	395038	3.89	cps
Terbium	159-1	9948787	10115245	9973422	10012484	0.90	cps
Terbium	159-2	5256246	5174535	5229018	5219933	0.80	cps
Thallium	203-1	1084639	1116970	1111018	1104209	1.56	cps
Thallium	205-1	2617284	2665848	2670338	2651157	1.11	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 12:10:26	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	3937386	4070363	4090677	4032809	2.06	cps
Tin	118-1	772756	781112	770091	774653	0.74	cps
Titanium	47-1	569882	568431	545156	561156	2.47	cps
Uranium	238-1	3765489	3980821	3947363	3897891	2.97	cps
Vanadium	51-2	236759	230028	239240	235343	2.03	cps
Yttrium	89-1	10658378	10884095	10571879	10704784	1.51	cps
Yttrium	89-2	1985297	1931335	1985386	1967339	1.58	cps
Zinc	66-2	519537	511829	523706	518358	1.16	cps
Zirconium	90-1	1471212	1499965	1438786	1469987	2.08	cps
Zirconium	91-1	325911	333041	325552	328168	1.29	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 12:13:33	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	444483	478195	472970	465216	3.90	cps
Antimony	121-1	1770543	1738255	1743915	1750904	0.98	cps
Arsenic	75-2	51805	57485	57290	55527	5.81	cps
Barium	135-1	2128243	2142709	2113454	2128135	0.69	cps
Barium	137-1	3732256	3770641	3725677	3742858	0.65	cps
Beryllium	9-1	362135	361897	351758	358596	1.65	cps
Bismuth	209-1	6751428	7192848	6833409	6925895	3.39	cps
Bismuth	209-2	3879620	3942513	3973876	3932003	1.22	cps
Boron	10-1	45067	48461	46614	46714	3.64	cps
Boron	11-1	210277	228042	223334	220551	4.17	cps
Bromine	81-1	5776	6010	5676	5821	2.94	cps
Bromine	81-2	20	30	30	27	21.65	cps
Cadmium	111-1	473923	479375	470135	474478	0.98	cps
Cadmium	106-1	54906	56236	54137	55093	1.93	cps
Cadmium	108-1	35524	36334	35799	35886	1.15	cps
Calcium	43-1	501400	494000	484925	493442	1.67	cps
Calcium	44-1	7366894	7203343	7164453	7244897	1.48	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	468183	522509	520027	503573	6.09	cps
Cobalt	59-2	770616	840978	839467	817020	4.92	cps
Copper	63-2	5461741	5975192	5955362	5797432	5.02	cps
Dysprosium	156-1	150	125	150	142	10.19	cps
Dysprosium	156-2	70	77	63	70	9.53	cps
Erbium	164-1	117	50	92	86	39.11	cps
Erbium	164-2	33	47	60	47	28.58	cps
Gadolinium	160-1	200	100	192	164	33.86	cps
Gadolinium	160-2	133	167	147	149	11.27	cps
Holmium	165-1	9910911	10062737	9729564	9901071	1.68	cps
Holmium	165-2	5024103	5189236	5199858	5137732	1.92	cps
Indium	115-1	6689062	6741661	6601656	6677459	1.06	cps
Indium	115-2	1479962	1580115	1595599	1551892	4.04	cps
Iron	56-2	21414257	23341509	23268865	22674877	4.82	cps
Iron	57-2	550289	599591	597235	582372	4.78	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 12:13:33	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1230202	1344800	1339220	1304741	4.95	cps
Krypton	83-1	497	447	467	470	5.35	cps
Lead	206-1	9092732	9513051	9272252	9292678	2.27	cps
Lead	207-1	8022871	8364906	8227516	8205098	2.10	cps
Lead	208-1	36612130	38236293	37249389	37365937	2.19	cps
Lithium	6-1	2077333	2095882	2052980	2075398	1.04	cps
Magnesium	24-2	4600018	4973929	4942530	4838825	4.29	cps
Manganese	55-2	3374595	3666261	3660846	3567234	4.68	cps
Molybdenum	94-1	3402886	3377637	3374271	3384931	0.46	cps
Molybdenum	95-1	4131556	4082424	4078571	4097517	0.72	cps
Molybdenum	96-1	4662483	4612302	4572811	4615865	0.97	cps
Molybdenum	97-1	2629277	2578754	2575113	2594381	1.17	cps
Molybdenum	98-1	6652592	6491777	6530382	6558251	1.28	cps
Neodymium	150-1	140	193	180	171	16.22	cps
Neodymium	150-2	47	20	13	27	66.16	cps
Nickel	60-2	198918	214999	215385	209767	4.48	cps
Phosphorus	31-2	22601	23795	23394	23263	2.61	cps
Potassium	39-2	2212708	2479389	2457769	2383288	6.22	cps
Rhodium	103-1	5983225	5976354	5906746	5955442	0.71	cps
Rhodium	103-2	2687583	2874487	2906998	2823023	4.19	cps
Scandium	45-1	3749170	3690475	3661530	3700391	1.21	cps
Scandium	45-2	194703	212399	217338	208147	5.72	cps
Selenium	82-1	28324	29840	28748	28971	2.70	cps
Selenium	77-2	1697	1800	1747	1748	2.96	cps
Selenium	78-2	5562	5779	5770	5704	2.15	cps
Silicon	28-1	1360287	1396757	1413467	1390170	1.96	cps
Silver	107-1	2203839	2228984	2212414	2215079	0.58	cps
Silver	109-1	2141540	2169142	2112944	2141209	1.31	cps
Sodium	23-2	7690781	8359455	8322371	8124202	4.63	cps
Strontium	86-1	5194888	5163489	5089090	5149156	1.06	cps
Strontium	88-1	45005164	44567774	43746853	44439930	1.44	cps
Sulfur	34-1	468423	442981	437872	449759	3.64	cps
Terbium	159-1	9872853	10099022	9965525	9979133	1.14	cps
Terbium	159-2	4859244	5066363	5087796	5004467	2.52	cps
Thallium	203-1	2164896	2244229	2197819	2202315	1.81	cps
Thallium	205-1	5172268	5385487	5300948	5286234	2.03	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 12:13:33	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	8196405	8513464	8365209	8358359	1.90	cps
Tin	118-1	1499075	1512018	1491763	1500952	0.68	cps
Titanium	47-1	1075396	1062394	1054536	1064109	0.99	cps
Uranium	238-1	7753920	8025790	8009165	7929625	1.92	cps
Vanadium	51-2	386955	433532	429634	416707	6.20	cps
Yttrium	89-1	10559799	10323421	10213643	10365621	1.71	cps
Yttrium	89-2	1685821	1837534	1858115	1793824	5.25	cps
Zinc	66-2	896555	955661	955368	935861	3.64	cps
Zirconium	90-1	2835616	2801687	2790032	2809112	0.84	cps
Zirconium	91-1	638488	635894	628045	634142	0.86	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 12:26:40	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	979884	931928	953482	955098	2.51	cps
Antimony	121-1	3543567	3542299	3467261	3517709	1.24	cps
Arsenic	75-2	117785	112114	116198	115365	2.54	cps
Barium	135-1	4246632	4271833	4249800	4256089	0.32	cps
Barium	137-1	7482114	7481612	7473003	7478910	0.07	cps
Beryllium	9-1	714046	704547	693873	704155	1.43	cps
Bismuth	209-1	6584610	6683467	6763685	6677254	1.34	cps
Bismuth	209-2	3889388	3838717	3850008	3859371	0.69	cps
Boron	10-1	94805	94903	98822	96177	2.38	cps
Boron	11-1	439020	445954	458741	447905	2.23	cps
Bromine	81-1	5143	5801	6310	5751	10.17	cps
Bromine	81-2	10	50	20	27	78.06	cps
Cadmium	111-1	935244	938160	937456	936953	0.16	cps
Cadmium	106-1	105297	103551	105710	104853	1.09	cps
Cadmium	108-1	70922	69904	70821	70549	0.80	cps
Calcium	43-1	1001906	999906	979727	993846	1.23	cps
Calcium	44-1	14883544	14709336	14467176	14686685	1.42	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1065385	1009698	1033997	1036360	2.69	cps
Cobalt	59-2	1707506	1628226	1663462	1666398	2.38	cps
Copper	63-2	12250361	11704781	11809116	11921419	2.43	cps
Dysprosium	156-1	242	325	308	292	15.12	cps
Dysprosium	156-2	163	150	147	153	5.75	cps
Erbium	164-1	158	167	108	144	21.84	cps
Erbium	164-2	53	87	67	69	24.36	cps
Gadolinium	160-1	208	383	317	303	29.17	cps
Gadolinium	160-2	273	237	293	268	10.73	cps
Holmium	165-1	9731490	9822580	9966494	9840188	1.20	cps
Holmium	165-2	5236255	5107314	5150899	5164823	1.27	cps
Indium	115-1	6713495	6623349	6615045	6650629	0.82	cps
Indium	115-2	1595341	1537487	1575765	1569531	1.87	cps
Iron	56-2	48101798	45736073	46358432	46732101	2.62	cps
Iron	57-2	1229534	1166778	1194640	1196984	2.63	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 12:26:40	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	2732015	2596703	2666255	2664991	2.54	cps
Krypton	83-1	530	447	513	497	8.88	cps
Lead	206-1	18243862	18202570	18431062	18292498	0.67	cps
Lead	207-1	16143822	16204602	16299790	16216071	0.48	cps
Lead	208-1	73595979	73517373	74215261	73776204	0.52	cps
Lithium	6-1	2062563	2055494	2044871	2054309	0.43	cps
Magnesium	24-2	10334945	9791681	9983919	10036848	2.74	cps
Manganese	55-2	7470547	7122044	7281891	7291494	2.39	cps
Molybdenum	94-1	6791976	6697341	6556282	6681866	1.78	cps
Molybdenum	95-1	8212528	8128149	7954495	8098391	1.62	cps
Molybdenum	96-1	9213860	9172272	8929272	9105135	1.69	cps
Molybdenum	97-1	5212201	5184691	5079927	5158940	1.35	cps
Molybdenum	98-1	13181841	13158680	12980500	13107007	0.84	cps
Neodymium	150-1	347	393	433	391	11.09	cps
Neodymium	150-2	73	103	70	82	22.33	cps
Nickel	60-2	437924	417439	423683	426349	2.46	cps
Phosphorus	31-2	46949	46472	46607	46676	0.53	cps
Potassium	39-2	4812775	4810501	4679291	4767522	1.60	cps
Rhodium	103-1	5863007	5817890	5778118	5819672	0.73	cps
Rhodium	103-2	2924167	2768755	2860159	2851027	2.74	cps
Scandium	45-1	3776668	3744128	3648527	3723108	1.79	cps
Scandium	45-2	223050	210014	216557	216540	3.01	cps
Selenium	82-1	56752	56446	56833	56677	0.36	cps
Selenium	77-2	3437	3384	3484	3435	1.46	cps
Selenium	78-2	11607	11152	11581	11447	2.23	cps
Silicon	28-1	2412243	2434276	2405866	2417462	0.62	cps
Silver	107-1	4334963	4350928	4353627	4346506	0.23	cps
Silver	109-1	4190314	4180760	4194280	4188451	0.17	cps
Sodium	23-2	17147939	16290917	16854770	16764542	2.60	cps
Strontium	86-1	10480156	10386202	10333451	10399936	0.71	cps
Strontium	88-1	90872142	89818821	89162862	89951275	0.96	cps
Sulfur	34-1	612457	604986	588709	602051	2.02	cps
Terbium	159-1	9895667	9887801	10040515	9941328	0.86	cps
Terbium	159-2	5067580	5011751	5055988	5045106	0.58	cps
Thallium	203-1	4269150	4289001	4397064	4318405	1.59	cps
Thallium	205-1	10505105	10427040	10531535	10487894	0.52	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 12:26:40	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	16338945	16695557	16846297	16626933	1.57	cps
Tin	118-1	2955401	2989014	2977275	2973897	0.57	cps
Titanium	47-1	2165463	2152334	2101125	2139641	1.59	cps
Uranium	238-1	15645912	15659559	16041953	15782474	1.42	cps
Vanadium	51-2	891367	843823	864998	866729	2.75	cps
Yttrium	89-1	10639451	10548079	10423759	10537096	1.03	cps
Yttrium	89-2	1886345	1799120	1869179	1851548	2.50	cps
Zinc	66-2	1939370	1855287	1891021	1895226	2.23	cps
Zirconium	90-1	5687073	5564723	5521795	5591197	1.53	cps
Zirconium	91-1	1275438	1269847	1254535	1266607	0.85	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 12:29:46	DataFile Name :	013CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1827003	1808308	1785818	1807043	1.14	cps
Antimony	121-1	6966582	6539591	6729794	6745322	3.17	cps
Arsenic	75-2	220644	219044	216978	218889	0.84	cps
Barium	135-1	8336015	8070805	8194413	8200411	1.62	cps
Barium	137-1	14445118	14043097	14403291	14297169	1.55	cps
Beryllium	9-1	1321622	1260582	1274026	1285410	2.50	cps
Bismuth	209-1	6432292	6476078	6498687	6469019	0.52	cps
Bismuth	209-2	3706616	3700489	3688334	3698480	0.25	cps
Boron	10-1	167525	173508	178246	173093	3.10	cps
Boron	11-1	794911	820135	833894	816313	2.42	cps
Bromine	81-1	4743	5560	5893	5398	10.96	cps
Bromine	81-2	30	80	10	40	90.14	cps
Cadmium	111-1	1758824	1733980	1731527	1741444	0.87	cps
Cadmium	106-1	196899	193800	194162	194954	0.87	cps
Cadmium	108-1	133612	132039	132232	132628	0.65	cps
Calcium	43-1	1893017	1807540	1829446	1843334	2.41	cps
Calcium	44-1	28379868	26945716	27215746	27513777	2.77	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1979372	1951655	1932995	1954674	1.19	cps
Cobalt	59-2	3157011	3138393	3089016	3128140	1.12	cps
Copper	63-2	22543816	22156305	21671169	22123763	1.98	cps
Dysprosium	156-1	575	767	475	606	24.48	cps
Dysprosium	156-2	307	253	343	301	15.03	cps
Erbium	164-1	258	233	283	258	9.68	cps
Erbium	164-2	80	87	107	91	15.23	cps
Gadolinium	160-1	400	533	508	481	14.75	cps
Gadolinium	160-2	317	387	320	341	11.58	cps
Holmium	165-1	9525411	9714352	9682184	9640649	1.05	cps
Holmium	165-2	5021340	4994924	4996386	5004217	0.30	cps
Indium	115-1	6397939	6289766	6227179	6304961	1.37	cps
Indium	115-2	1489435	1488744	1463623	1480601	0.99	cps
Iron	56-2	89606010	87587855	86328066	87840644	1.88	cps
Iron	57-2	2268852	2252541	2226225	2249206	0.96	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 12:29:46	DataFile Name :	013CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	5094093	5021192	4965779	5027021	1.28	cps
Krypton	83-1	597	490	547	544	9.80	cps
Lead	206-1	35593463	35423525	35564915	35527301	0.26	cps
Lead	207-1	31201101	31544116	31411828	31385682	0.55	cps
Lead	208-1	142237446	142608823	143341759	142729343	0.39	cps
Lithium	6-1	1920949	1905404	1895065	1907140	0.68	cps
Magnesium	24-2	19220944	18698866	18623188	18847666	1.73	cps
Manganese	55-2	13930708	13761034	13503667	13731803	1.57	cps
Molybdenum	94-1	13040862	12357024	12575522	12657803	2.76	cps
Molybdenum	95-1	15696367	14845185	15139640	15227064	2.84	cps
Molybdenum	96-1	17410513	16779836	17038546	17076298	1.86	cps
Molybdenum	97-1	9818756	9443347	9621354	9627819	1.95	cps
Molybdenum	98-1	25423075	24343228	24752530	24839611	2.19	cps
Neodymium	150-1	693	833	880	802	12.11	cps
Neodymium	150-2	173	133	143	150	13.88	cps
Nickel	60-2	800368	791465	781519	791117	1.19	cps
Phosphorus	31-2	91044	88243	88228	89171	1.82	cps
Potassium	39-2	8720851	8543023	8487926	8583933	1.42	cps
Rhodium	103-1	5607946	5390075	5433021	5477014	2.11	cps
Rhodium	103-2	2716445	2702997	2662402	2693948	1.04	cps
Scandium	45-1	3650532	3419156	3445254	3504981	3.62	cps
Scandium	45-2	209465	207218	205639	207440	0.93	cps
Selenium	82-1	104227	105499	105923	105216	0.84	cps
Selenium	77-2	6275	6498	6038	6270	3.67	cps
Selenium	78-2	21336	21041	21340	21239	0.81	cps
Silicon	28-1	4346330	4224196	4376701	4315742	1.87	cps
Silver	107-1	8230663	7890655	8000638	8040652	2.16	cps
Silver	109-1	7884120	7632601	7736119	7750947	1.63	cps
Sodium	23-2	32379465	31628168	31525318	31844317	1.46	cps
Strontium	86-1	19728122	19296433	19580905	19535153	1.12	cps
Strontium	88-1	172569350	169627791	169140504	170445882	1.09	cps
Sulfur	34-1	896375	833107	845504	858329	3.91	cps
Terbium	159-1	9717063	9743854	9636304	9699074	0.58	cps
Terbium	159-2	4918707	4891138	4848181	4886009	0.73	cps
Thallium	203-1	8476282	8611123	8529481	8538962	0.80	cps
Thallium	205-1	20491201	20198499	20445572	20378424	0.77	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 12:29:46	DataFile Name :	013CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	32007239	33154121	33007788	32723049	1.91	cps
Tin	118-1	5764887	5610345	5715708	5696980	1.39	cps
Titanium	47-1	4161917	3855764	3985415	4001032	3.84	cps
Uranium	238-1	30120019	31301420	31252058	30891166	2.16	cps
Vanadium	51-2	1672364	1644096	1625637	1647366	1.43	cps
Yttrium	89-1	10304788	9887929	10020856	10071191	2.11	cps
Yttrium	89-2	1782135	1786818	1759180	1776044	0.83	cps
Zinc	66-2	3545037	3515303	3483377	3514572	0.88	cps
Zirconium	90-1	10793944	10431415	10541084	10588814	1.76	cps
Zirconium	91-1	2473528	2351814	2401660	2409000	2.54	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 12:32:43	DataFile Name :	014CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8689009	8502802	8904534	8698782	2.31	cps
Antimony	121-1	3684	4184	3942	3937	6.35	cps
Arsenic	75-2	72	76	94	81	14.73	cps
Barium	135-1	3050	3067	3100	3073	0.83	cps
Barium	137-1	5301	5310	4859	5157	4.99	cps
Beryllium	9-1	278	239	300	272	11.36	cps
Bismuth	209-1	5931075	5851853	5869346	5884091	0.71	cps
Bismuth	209-2	3300327	3318506	3366854	3328562	1.03	cps
Boron	10-1	6993	6652	5885	6510	8.72	cps
Boron	11-1	31951	28912	28110	29657	6.83	cps
Bromine	81-1	5151	6035	5835	5674	8.17	cps
Bromine	81-2	50	70	10	43	70.50	cps
Cadmium	111-1	3376	3256	3199	3277	2.76	cps
Cadmium	106-1	3892	3717	3734	3781	2.55	cps
Cadmium	108-1	117	83	117	106	18.24	cps
Calcium	43-1	8468250	8304194	8241628	8338024	1.40	cps
Calcium	44-1	135558320	133151390	131493874	133401195	1.53	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6401	6281	6298	6327	1.03	cps
Cobalt	59-2	7465	7385	7515	7455	0.88	cps
Copper	63-2	4531	4601	4797	4643	2.98	cps
Dysprosium	156-1	1358	1425	1108	1297	12.87	cps
Dysprosium	156-2	690	667	630	662	4.57	cps
Erbium	164-1	383	292	292	322	16.42	cps
Erbium	164-2	113	107	130	117	10.30	cps
Gadolinium	160-1	1592	1358	1450	1467	8.02	cps
Gadolinium	160-2	853	1003	927	928	8.08	cps
Holmium	165-1	9478944	9462870	9411235	9451016	0.37	cps
Holmium	165-2	4813082	4783486	4865585	4820717	0.86	cps
Indium	115-1	6078023	5963238	5960245	6000502	1.12	cps
Indium	115-2	1431836	1412991	1457081	1433969	1.54	cps
Iron	56-2	419822032	415902154	431991221	422571802	1.99	cps
Iron	57-2	10471109	10342055	10695140	10502768	1.70	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 12:32:43	DataFile Name :	014CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	22704724	22562432	23206768	22824641	1.48	cps
Krypton	83-1	493	523	497	504	3.26	cps
Lead	206-1	11027	11127	11244	11133	0.98	cps
Lead	207-1	9053	9220	10121	9465	6.07	cps
Lead	208-1	43089	44580	45297	44322	2.54	cps
Lithium	6-1	1858151	1844343	1828755	1843750	0.80	cps
Magnesium	24-2	93117033	91816752	95087321	93340369	1.76	cps
Manganese	55-2	13817	13133	14190	13713	3.91	cps
Molybdenum	94-1	3551	3200	3200	3317	6.09	cps
Molybdenum	95-1	4076	3951	3651	3892	5.61	cps
Molybdenum	96-1	5851	5434	5084	5457	7.04	cps
Molybdenum	97-1	2525	2475	2359	2453	3.49	cps
Molybdenum	98-1	6151	6026	5785	5988	3.11	cps
Neodymium	150-1	27	33	40	33	20.00	cps
Neodymium	150-2	13	27	17	19	36.75	cps
Nickel	60-2	2857	2864	2824	2848	0.75	cps
Phosphorus	31-2	192	108	225	175	34.34	cps
Potassium	39-2	42453893	41541908	43607257	42534353	2.43	cps
Rhodium	103-1	5109807	4979108	4970730	5019882	1.55	cps
Rhodium	103-2	2460114	2432488	2509934	2467512	1.59	cps
Scandium	45-1	3509882	3369630	3347906	3409139	2.58	cps
Scandium	45-2	202717	198168	207356	202747	2.27	cps
Selenium	82-1	35	-20	-18	-1	-4155.17	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	54	50	70	58	18.70	cps
Silicon	28-1	476876	516723	527780	507126	5.28	cps
Silver	107-1	1925	1750	1934	1870	5.54	cps
Silver	109-1	1708	1483	1825	1672	10.39	cps
Sodium	23-2	155833691	152872558	159128929	155945059	2.01	cps
Strontium	86-1	9036	8186	8311	8511	5.40	cps
Strontium	88-1	65691	64854	65232	65259	0.64	cps
Sulfur	34-1	284613	270013	266825	273817	3.46	cps
Terbium	159-1	9448857	9314403	9437559	9400273	0.79	cps
Terbium	159-2	4701870	4648511	4751566	4700649	1.10	cps
Thallium	203-1	4559	4468	4034	4354	6.44	cps
Thallium	205-1	10346	10162	9187	9898	6.29	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 12:32:43	DataFile Name :	014CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	2756	2439	2317	2504	9.05	cps
Tin	118-1	2134	2217	1925	2092	7.18	cps
Titanium	47-1	850	650	775	758	13.32	cps
Uranium	238-1	3075	2884	2775	2912	5.22	cps
Vanadium	51-2	307	337	300	314	6.21	cps
Yttrium	89-1	9889983	9670868	9706781	9755877	1.20	cps
Yttrium	89-2	1736298	1710129	1776830	1741086	1.93	cps
Zinc	66-2	5997	6199	6203	6133	1.92	cps
Zirconium	90-1	2917	2925	2917	2920	0.16	cps
Zirconium	91-1	667	567	667	633	9.12	cps

LB Number : LB116498 Operator : JASWAL
 Lab Sample ID : ICV04 Instrumnet Name : P7
 Client Sample ID : ICV04 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-24 12:38:51 DataFile Name : 015ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	53865	54818	53281	53988	1.44	cps
Antimony	121-1	1442090	1443667	1456547	1447435	0.55	cps
Arsenic	75-2	50424	53217	51552	51731	2.72	cps
Barium	135-1	179149	178168	180362	179226	0.61	cps
Barium	137-1	311074	316220	320842	316045	1.55	cps
Beryllium	9-1	151025	150711	152962	151566	0.80	cps
Bismuth	209-1	7126500	7155316	7176746	7152854	0.35	cps
Bismuth	209-2	4052893	4144643	4119775	4105770	1.16	cps
Boron	10-1	2984	3175	2859	3006	5.31	cps
Boron	11-1	13523	12731	12772	13009	3.43	cps
Bromine	81-1	6318	6527	6410	6418	1.63	cps
Bromine	81-2	60	10	50	40	66.14	cps
Cadmium	111-1	195419	200185	202124	199243	1.73	cps
Cadmium	106-1	21375	21450	20991	21272	1.16	cps
Cadmium	108-1	13348	12422	12581	12784	3.87	cps
Calcium	43-1	39537	39862	40222	39874	0.86	cps
Calcium	44-1	649981	653430	655640	653017	0.44	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	231887	238995	232224	234369	1.71	cps
Cobalt	59-2	376231	388851	379456	381513	1.72	cps
Copper	63-2	260691	272682	267165	266846	2.25	cps
Dysprosium	156-1	17	17	17	17	0.00	cps
Dysprosium	156-2	10	7	7	8	24.71	cps
Erbium	164-1	92	100	83	92	9.09	cps
Erbium	164-2	30	27	27	28	6.92	cps
Gadolinium	160-1	33	83	50	56	45.83	cps
Gadolinium	160-2	157	83	140	127	30.35	cps
Holmium	165-1	10098052	10001937	10180972	10093654	0.89	cps
Holmium	165-2	5326102	5429315	5382595	5379337	0.96	cps
Indium	115-1	6991597	7152931	7099443	7081324	1.16	cps
Indium	115-2	1691584	1754106	1733950	1726547	1.85	cps
Iron	56-2	4152130	4324572	4207055	4227919	2.08	cps
Iron	57-2	103243	106477	103702	104474	1.67	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	ICV04	Instrumnet Name :	P7
Client Sample ID :	ICV04	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 12:38:51	DataFile Name :	015ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	233540	245588	237709	238946	2.56	cps
Krypton	83-1	520	530	510	520	1.92	cps
Lead	206-1	1604358	1609971	1633149	1615826	0.94	cps
Lead	207-1	1349893	1365313	1374375	1363193	0.91	cps
Lead	208-1	6275412	6360542	6422015	6352656	1.16	cps
Lithium	6-1	2191399	2207086	2222811	2207098	0.71	cps
Magnesium	24-2	253535	264545	256023	258034	2.24	cps
Manganese	55-2	159710	162822	159781	160771	1.11	cps
Molybdenum	94-1	633	608	525	589	9.63	cps
Molybdenum	95-1	308	283	250	281	10.43	cps
Molybdenum	96-1	483	483	475	481	1.00	cps
Molybdenum	97-1	225	125	217	189	29.38	cps
Molybdenum	98-1	525	492	425	481	10.60	cps
Neodymium	150-1	20	27	33	27	24.99	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	97142	99756	98860	98586	1.35	cps
Phosphorus	31-2	192	167	242	200	19.09	cps
Potassium	39-2	442911	465227	452581	453573	2.47	cps
Rhodium	103-1	6359136	6306457	6455782	6373792	1.19	cps
Rhodium	103-2	3101601	3204325	3177822	3161249	1.69	cps
Scandium	45-1	3965709	3981161	4018667	3988512	0.68	cps
Scandium	45-2	232412	245245	239689	239115	2.69	cps
Selenium	82-1	24882	25041	25094	25006	0.44	cps
Selenium	77-2	1597	1650	1567	1605	2.63	cps
Selenium	78-2	5349	5394	5251	5331	1.37	cps
Silicon	28-1	235297	239481	241174	238651	1.27	cps
Silver	107-1	448966	456139	460011	455038	1.23	cps
Silver	109-1	436968	437919	441277	438721	0.52	cps
Sodium	23-2	757183	795901	773493	775526	2.51	cps
Strontium	86-1	1317	1542	1358	1406	8.52	cps
Strontium	88-1	5376	5243	5668	5429	4.01	cps
Sulfur	34-1	321069	317139	317182	318464	0.71	cps
Terbium	159-1	10268822	10132313	10326035	10242390	0.97	cps
Terbium	159-2	5199657	5312226	5283941	5265275	1.11	cps
Thallium	203-1	1907210	1926282	1967370	1933621	1.59	cps
Thallium	205-1	4565078	4597682	4650506	4604422	0.94	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	ICV04	Instrumnet Name :	P7
Client Sample ID :	ICV04	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 12:38:51	DataFile Name :	015ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	639	494	528	554	13.66	cps
Tin	118-1	983	883	1242	1036	17.85	cps
Titanium	47-1	158	58	108	108	46.16	cps
Uranium	238-1	75	108	125	103	24.77	cps
Vanadium	51-2	186534	194233	189897	190221	2.03	cps
Yttrium	89-1	11073557	11170098	11154643	11132766	0.47	cps
Yttrium	89-2	1972394	2057332	2018083	2015936	2.11	cps
Zinc	66-2	75176	77574	75488	76080	1.71	cps
Zirconium	90-1	942	1042	958	981	5.46	cps
Zirconium	91-1	408	450	375	411	9.14	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 12:54:53	DataFile Name :	017LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2337	2185	2520	2347	7.15	cps
Antimony	121-1	13515	14616	14917	14349	5.14	cps
Arsenic	75-2	254	278	269	267	4.55	cps
Barium	135-1	17445	17970	17445	17620	1.72	cps
Barium	137-1	30258	31561	30292	30704	2.42	cps
Beryllium	9-1	1556	1789	1817	1721	8.34	cps
Bismuth	209-1	7330589	6653706	6746119	6910138	5.31	cps
Bismuth	209-2	4022270	4049098	4060518	4043962	0.49	cps
Boron	10-1	6393	5835	5751	5993	5.82	cps
Boron	11-1	30373	27100	29671	29048	5.93	cps
Bromine	81-1	7736	5943	6627	6769	13.37	cps
Bromine	81-2	70	70	30	57	40.75	cps
Cadmium	111-1	4616	4673	4524	4604	1.63	cps
Cadmium	106-1	4017	4084	3901	4001	2.32	cps
Cadmium	108-1	150	171	158	160	6.57	cps
Calcium	43-1	9887	11622	10421	10643	8.35	cps
Calcium	44-1	163580	176249	171853	170561	3.77	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5358	5408	5438	5401	0.75	cps
Cobalt	59-2	3784	4044	3854	3894	3.46	cps
Copper	63-2	5478	5481	5751	5570	2.82	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	33	50	58	47	26.96	cps
Erbium	164-2	40	33	27	33	20.00	cps
Gadolinium	160-1	100	83	33	72	48.04	cps
Gadolinium	160-2	117	120	100	112	9.55	cps
Holmium	165-1	9949895	9736203	9876965	9854354	1.10	cps
Holmium	165-2	5234849	5293314	5330710	5286291	0.91	cps
Indium	115-1	6990009	7077982	6993238	7020410	0.71	cps
Indium	115-2	1713551	1719662	1752441	1728552	1.21	cps
Iron	56-2	113445	110086	114285	112605	1.97	cps
Iron	57-2	2923	2861	2911	2898	1.12	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 12:54:53	DataFile Name :	017LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	7159	6849	6698	6902	3.40	cps
Krypton	83-1	490	540	553	528	6.33	cps
Lead	206-1	9948	9620	9264	9611	3.56	cps
Lead	207-1	8820	8058	8414	8431	4.52	cps
Lead	208-1	40447	37594	37716	38585	4.18	cps
Lithium	6-1	2182126	2134417	2179148	2165230	1.23	cps
Magnesium	24-2	112015	112243	113209	112489	0.56	cps
Manganese	55-2	1713	1663	1783	1720	3.50	cps
Molybdenum	94-1	13548	14491	14057	14032	3.36	cps
Molybdenum	95-1	16660	17853	17344	17286	3.46	cps
Molybdenum	96-1	19105	19739	19130	19325	1.86	cps
Molybdenum	97-1	10713	10771	11013	10832	1.47	cps
Molybdenum	98-1	28170	28203	27953	28109	0.48	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	0	7	3	3	100.05	cps
Nickel	60-2	1223	1053	1037	1105	9.35	cps
Phosphorus	31-2	167	150	175	164	7.77	cps
Potassium	39-2	135412	132360	137189	134987	1.81	cps
Rhodium	103-1	6300294	6500925	6351781	6384333	1.63	cps
Rhodium	103-2	3144138	3141549	3203647	3163111	1.11	cps
Scandium	45-1	3856356	4067373	3958958	3960896	2.66	cps
Scandium	45-2	238438	235055	241852	238448	1.43	cps
Selenium	82-1	663	621	587	624	6.08	cps
Selenium	77-2	33	37	40	37	9.10	cps
Selenium	78-2	191	213	169	191	11.65	cps
Silicon	28-1	228904	296775	262565	262748	12.92	cps
Silver	107-1	8745	8678	8661	8695	0.51	cps
Silver	109-1	8853	8961	8911	8909	0.61	cps
Sodium	23-2	209517	205733	209924	208391	1.11	cps
Strontium	86-1	2759	3509	3134	3134	11.97	cps
Strontium	88-1	20957	22118	20465	21180	4.01	cps
Sulfur	34-1	301410	363943	336105	333819	9.38	cps
Terbium	159-1	10174637	9904680	10017383	10032233	1.35	cps
Terbium	159-2	5173310	5186178	5271201	5210230	1.02	cps
Thallium	203-1	9003	8937	9304	9081	2.15	cps
Thallium	205-1	21893	21893	21969	21918	0.20	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 12:54:53	DataFile Name :	017LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	217	217	200	211	4.56	cps
Tin	118-1	30684	30341	30759	30595	0.73	cps
Titanium	47-1	4718	4868	4351	4645	5.72	cps
Uranium	238-1	30010	29024	30144	29726	2.06	cps
Vanadium	51-2	9330	10157	9783	9757	4.25	cps
Yttrium	89-1	10716429	11155328	10991069	10954276	2.02	cps
Yttrium	89-2	2014794	2003867	2039517	2019393	0.90	cps
Zinc	66-2	1155	1152	1120	1142	1.70	cps
Zirconium	90-1	11230	11855	11663	11583	2.77	cps
Zirconium	91-1	2475	2709	2550	2578	4.62	cps

LB Number : LB116498 Operator : JASWAL
 Lab Sample ID : ICB04 Instrumnet Name : P7
 Client Sample ID : ICB04 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-24 12:58:00 DataFile Name : 018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	41	66	33	47	37.10	cps
Antimony	121-1	192	200	242	211	12.69	cps
Arsenic	75-2	17	4	11	10	62.01	cps
Barium	135-1	50	42	25	39	32.73	cps
Barium	137-1	75	50	17	47	61.97	cps
Beryllium	9-1	150	89	117	119	25.82	cps
Bismuth	209-1	6828413	6857087	6780826	6822109	0.56	cps
Bismuth	209-2	4112331	4072589	4114082	4099667	0.57	cps
Boron	10-1	1083	1308	1233	1208	9.48	cps
Boron	11-1	6126	6243	6135	6168	1.06	cps
Bromine	81-1	6168	6101	6127	6132	0.55	cps
Bromine	81-2	40	30	50	40	25.00	cps
Cadmium	111-1	2571	2870	2701	2714	5.53	cps
Cadmium	106-1	3659	4076	3834	3856	5.43	cps
Cadmium	108-1	33	17	29	26	32.86	cps
Calcium	43-1	92	75	108	92	18.18	cps
Calcium	44-1	4676	5009	4326	4670	7.32	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	710	680	707	699	2.35	cps
Cobalt	59-2	43	33	37	38	13.48	cps
Copper	63-2	633	600	637	623	3.25	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	33	50	58	47	26.97	cps
Erbium	164-2	23	17	40	27	45.07	cps
Gadolinium	160-1	58	33	67	53	32.88	cps
Gadolinium	160-2	110	60	150	107	42.27	cps
Holmium	165-1	10072140	9890170	9821152	9927821	1.31	cps
Holmium	165-2	5390902	5339882	5380922	5370569	0.50	cps
Indium	115-1	7062895	6998058	7049857	7036937	0.49	cps
Indium	115-2	1791263	1751423	1761869	1768185	1.17	cps
Iron	56-2	3739	3456	3701	3632	4.23	cps
Iron	57-2	139	106	128	124	13.68	cps

LB Number : LB116498 Operator : JASWAL
 Lab Sample ID : ICB04 Instrumnet Name : P7
 Client Sample ID : ICB04 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-24 12:58:00 DataFile Name : 018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	951	711	671	777	19.50	cps
Krypton	83-1	583	600	580	588	1.82	cps
Lead	206-1	2461	2384	2339	2395	2.58	cps
Lead	207-1	1978	2145	2134	2085	4.47	cps
Lead	208-1	9112	9107	9596	9272	3.03	cps
Lithium	6-1	2198755	2214710	2192756	2202074	0.52	cps
Magnesium	24-2	442	350	425	406	12.04	cps
Manganese	55-2	50	57	63	57	11.76	cps
Molybdenum	94-1	225	125	242	197	31.99	cps
Molybdenum	95-1	42	75	67	61	28.38	cps
Molybdenum	96-1	108	142	150	133	16.53	cps
Molybdenum	97-1	67	33	50	50	33.34	cps
Molybdenum	98-1	125	75	67	89	35.49	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	137	127	133	132	3.85	cps
Phosphorus	31-2	175	125	217	172	26.65	cps
Potassium	39-2	33173	29329	29539	30680	7.04	cps
Rhodium	103-1	6435950	6346333	6338113	6373466	0.85	cps
Rhodium	103-2	3290448	3218002	3228792	3245747	1.20	cps
Scandium	45-1	3994995	3997891	3981719	3991535	0.22	cps
Scandium	45-2	252954	245118	245135	247736	1.82	cps
Selenium	82-1	-30	-57	-32	-40	-37.56	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	78	52	72	67	20.29	cps
Silicon	28-1	213699	217453	224309	218487	2.46	cps
Silver	107-1	167	108	175	150	24.22	cps
Silver	109-1	67	108	117	97	27.55	cps
Sodium	23-2	19555	17703	17978	18412	5.43	cps
Strontium	86-1	883	1000	1067	983	9.44	cps
Strontium	88-1	300	300	333	311	6.19	cps
Sulfur	34-1	330646	329530	336966	332380	1.21	cps
Terbium	159-1	10265690	10002395	10155620	10141235	1.30	cps
Terbium	159-2	5334672	5272931	5307859	5305154	0.58	cps
Thallium	203-1	500	508	417	475	10.67	cps
Thallium	205-1	1267	983	1075	1108	13.05	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	ICB04	Instrumnet Name :	P7
Client Sample ID :	ICB04	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 12:58:00	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	189	189	178	185	3.46	cps
Tin	118-1	758	633	800	731	11.87	cps
Titanium	47-1	42	67	67	58	24.74	cps
Uranium	238-1	42	17	8	22	78.07	cps
Vanadium	51-2	7	7	7	7	0.00	cps
Yttrium	89-1	11044425	11053082	11078774	11058760	0.16	cps
Yttrium	89-2	2110641	2034912	2069316	2071623	1.83	cps
Zinc	66-2	189	229	226	215	10.40	cps
Zirconium	90-1	733	575	400	569	29.28	cps
Zirconium	91-1	117	100	117	111	8.66	cps

LB Number : LB116498 Operator : JASWAL
 Lab Sample ID : ICSA04 Instrumnet Name : P7
 Client Sample ID : ICSA04 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-24 13:01:08 DataFile Name : 019ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8726128	8921495	8740303	8795975	1.24	cps
Antimony	121-1	7752	7869	8027	7883	1.75	cps
Arsenic	75-2	102	96	78	92	13.70	cps
Barium	135-1	2550	2567	2475	2531	1.93	cps
Barium	137-1	3959	4326	4134	4140	4.43	cps
Beryllium	9-1	478	511	556	515	7.58	cps
Bismuth	209-1	6418759	6503169	6580775	6500901	1.25	cps
Bismuth	209-2	3763819	3818053	3779952	3787275	0.74	cps
Boron	10-1	1183	1408	1142	1245	11.53	cps
Boron	11-1	5501	5810	5526	5612	3.05	cps
Bromine	81-1	5618	6627	6185	6143	8.23	cps
Bromine	81-2	50	30	60	47	32.73	cps
Cadmium	111-1	3501	3652	3514	3556	2.35	cps
Cadmium	106-1	3626	3501	3492	3539	2.11	cps
Cadmium	108-1	2142	2213	2175	2177	1.63	cps
Calcium	43-1	1816449	1816292	1829380	1820707	0.41	cps
Calcium	44-1	27321430	27069396	27524651	27305159	0.84	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	41468	41940	41171	41526	0.93	cps
Cobalt	59-2	3937	3971	4057	3988	1.55	cps
Copper	63-2	17748	18275	18041	18021	1.47	cps
Dysprosium	156-1	33	25	50	36	35.25	cps
Dysprosium	156-2	7	17	20	14	48.02	cps
Erbium	164-1	92	42	67	67	37.50	cps
Erbium	164-2	80	47	50	59	31.17	cps
Gadolinium	160-1	83	100	92	92	9.09	cps
Gadolinium	160-2	157	123	120	133	15.21	cps
Holmium	165-1	9862815	9996527	10050474	9969939	0.97	cps
Holmium	165-2	5160444	5266835	5191324	5206201	1.05	cps
Indium	115-1	6576690	6453485	6567763	6532646	1.05	cps
Indium	115-2	1552999	1579923	1573152	1568691	0.89	cps
Iron	56-2	181030793	184344843	180761415	182045684	1.10	cps
Iron	57-2	4592140	4670888	4678770	4647266	1.03	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	ICSA04	Instrumnet Name :	P7
Client Sample ID :	ICSA04	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 13:01:08	DataFile Name :	019ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	9824309	9852222	9803689	9826740	0.25	cps
Krypton	83-1	503	540	490	511	5.07	cps
Lead	206-1	33910	34110	34662	34227	1.14	cps
Lead	207-1	27028	27512	26259	26933	2.34	cps
Lead	208-1	129111	128797	127542	128483	0.65	cps
Lithium	6-1	1984549	1957082	1972125	1971252	0.70	cps
Magnesium	24-2	18342829	18638336	18691521	18557562	1.01	cps
Manganese	55-2	11098	11631	11131	11287	2.65	cps
Molybdenum	94-1	3520210	3518967	3585360	3541512	1.07	cps
Molybdenum	95-1	6121858	6094366	6179249	6131824	0.71	cps
Molybdenum	96-1	6611720	6502580	6672043	6595448	1.30	cps
Molybdenum	97-1	3879522	3842418	3961362	3894434	1.56	cps
Molybdenum	98-1	9978020	9793382	10044994	9938799	1.31	cps
Neodymium	150-1	27	73	73	58	46.63	cps
Neodymium	150-2	10	10	13	11	17.30	cps
Nickel	60-2	4481	4664	4377	4507	3.22	cps
Phosphorus	31-2	453846	461805	454742	456798	0.95	cps
Potassium	39-2	17207793	17699536	17441994	17449774	1.41	cps
Rhodium	103-1	5532374	5484445	5588417	5535079	0.94	cps
Rhodium	103-2	2766176	2812123	2799472	2792590	0.85	cps
Scandium	45-1	3594532	3543549	3591208	3576430	0.80	cps
Scandium	45-2	211006	216907	214184	214032	1.38	cps
Selenium	82-1	28	-41	72	19	294.38	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	83	46	52	60	33.01	cps
Silicon	28-1	268415	254743	269022	264060	3.06	cps
Silver	107-1	350	342	267	319	14.37	cps
Silver	109-1	350	417	417	394	9.76	cps
Sodium	23-2	32460551	33160393	32864422	32828455	1.07	cps
Strontium	86-1	68429	71226	70925	70193	2.19	cps
Strontium	88-1	606676	600598	621753	609676	1.79	cps
Sulfur	34-1	3271247	3287551	3283373	3280724	0.26	cps
Terbium	159-1	9857155	9891217	10001888	9916753	0.76	cps
Terbium	159-2	5019278	5134242	5064665	5072728	1.14	cps
Thallium	203-1	917	1108	1500	1175	25.31	cps
Thallium	205-1	2392	2692	3342	2809	17.29	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	ICSA04	Instrumnet Name :	P7
Client Sample ID :	ICSA04	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 13:01:08	DataFile Name :	019ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	267	272	272	270	1.19	cps
Tin	118-1	1625	1717	1725	1689	3.29	cps
Titanium	47-1	1663171	1643174	1666063	1657469	0.75	cps
Uranium	238-1	517	517	542	525	2.75	cps
Vanadium	51-2	307	307	247	287	12.08	cps
Yttrium	89-1	10263543	10109946	10307298	10226929	1.01	cps
Yttrium	89-2	1818363	1855375	1855231	1842990	1.16	cps
Zinc	66-2	4425	4648	4542	4538	2.45	cps
Zirconium	90-1	842	892	683	806	13.50	cps
Zirconium	91-1	142	233	75	150	53.00	cps

LB Number : LB116498 Operator : JASWAL
 Lab Sample ID : ICSAB04 Instrumnet Name : P7
 Client Sample ID : ICSAB04 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-24 13:04:13 DataFile Name : 020ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8839770	8832026	8790310	8820702	0.30	cps
Antimony	121-1	148679	148629	149058	148789	0.16	cps
Arsenic	75-2	4679	4606	4582	4622	1.08	cps
Barium	135-1	36674	37158	36139	36657	1.39	cps
Barium	137-1	65529	65981	66325	65945	0.61	cps
Beryllium	9-1	27286	26351	27280	26972	2.00	cps
Bismuth	209-1	6543463	6642373	6630853	6605563	0.82	cps
Bismuth	209-2	3802077	3821207	3814830	3812705	0.26	cps
Boron	10-1	10646	10070	11054	10590	4.67	cps
Boron	11-1	48695	50836	50418	49983	2.27	cps
Bromine	81-1	5926	6927	7127	6660	9.66	cps
Bromine	81-2	100	70	80	83	18.33	cps
Cadmium	111-1	40079	40968	40439	40495	1.10	cps
Cadmium	106-1	9111	8920	8878	8970	1.39	cps
Cadmium	108-1	4913	5080	4947	4980	1.77	cps
Calcium	43-1	1868480	1844972	1834552	1849335	0.94	cps
Calcium	44-1	28050598	27743757	27666145	27820167	0.73	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	83390	82747	82941	83026	0.40	cps
Cobalt	59-2	70461	71037	70196	70565	0.61	cps
Copper	63-2	64237	64571	64605	64471	0.32	cps
Dysprosium	156-1	42	50	17	36	48.03	cps
Dysprosium	156-2	23	10	17	17	39.99	cps
Erbium	164-1	50	108	67	75	40.06	cps
Erbium	164-2	43	53	53	50	11.55	cps
Gadolinium	160-1	117	50	108	92	39.63	cps
Gadolinium	160-2	113	117	140	123	11.78	cps
Holmium	165-1	10011487	10179966	10088368	10093274	0.84	cps
Holmium	165-2	5256755	5308857	5230197	5265270	0.76	cps
Indium	115-1	6715755	6711912	6594665	6674111	1.03	cps
Indium	115-2	1575472	1596096	1581650	1584406	0.67	cps
Iron	56-2	185410060	185317021	182315771	184347617	0.95	cps
Iron	57-2	4682605	4727378	4651413	4687132	0.81	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	ICSAB04	Instrumnet Name :	P7
Client Sample ID :	ICSAB04	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 13:04:13	DataFile Name :	020ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	10020615	9977519	9865242	9954459	0.81	cps
Krypton	83-1	503	530	443	492	9.02	cps
Lead	206-1	176525	181225	178749	178833	1.31	cps
Lead	207-1	146534	149735	150051	148773	1.31	cps
Lead	208-1	681419	696635	695744	691266	1.24	cps
Lithium	6-1	1969558	1971499	1960206	1967088	0.31	cps
Magnesium	24-2	18596812	18646551	18504129	18582497	0.39	cps
Manganese	55-2	39881	39981	39988	39950	0.15	cps
Molybdenum	94-1	3937055	3919641	3904219	3920305	0.42	cps
Molybdenum	95-1	6434813	6328551	6406376	6389913	0.86	cps
Molybdenum	96-1	6981067	6967733	7007197	6985332	0.29	cps
Molybdenum	97-1	4098740	4061543	4089859	4083381	0.48	cps
Molybdenum	98-1	10450023	10279741	10360003	10363256	0.82	cps
Neodymium	150-1	33	60	20	38	53.92	cps
Neodymium	150-2	20	20	20	20	0.00	cps
Nickel	60-2	21836	21656	21306	21599	1.25	cps
Phosphorus	31-2	460393	462432	455596	459474	0.76	cps
Potassium	39-2	17510437	17654355	17397025	17520606	0.74	cps
Rhodium	103-1	5688011	5668380	5652422	5669604	0.31	cps
Rhodium	103-2	2817373	2846446	2796054	2819957	0.90	cps
Scandium	45-1	3697337	3629550	3608372	3645087	1.27	cps
Scandium	45-2	214413	218263	215185	215954	0.94	cps
Selenium	82-1	2164	2065	2252	2160	4.32	cps
Selenium	77-2	137	143	123	134	7.57	cps
Selenium	78-2	504	559	476	513	8.27	cps
Silicon	28-1	464347	454429	456198	458325	1.15	cps
Silver	107-1	162126	164722	164073	163640	0.83	cps
Silver	109-1	156330	157964	156759	157018	0.54	cps
Sodium	23-2	33243810	32986235	32702866	32977637	0.82	cps
Strontium	86-1	181127	182014	181668	181603	0.25	cps
Strontium	88-1	1578481	1577889	1575183	1577184	0.11	cps
Sulfur	34-1	3306790	3315390	3303602	3308594	0.18	cps
Terbium	159-1	10196703	10108222	10112710	10139212	0.49	cps
Terbium	159-2	5081007	5167114	5101918	5116679	0.88	cps
Thallium	203-1	171118	179282	179519	176640	2.71	cps
Thallium	205-1	415789	426776	423316	421960	1.33	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	ICSAB04	Instrumnet Name :	P7
Client Sample ID :	ICSAB04	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 13:04:13	DataFile Name :	020ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	233	200	206	213	8.39	cps
Tin	118-1	313394	319088	316015	316166	0.90	cps
Titanium	47-1	1731252	1709244	1712305	1717600	0.69	cps
Uranium	238-1	1652482	1679488	1679874	1670615	0.94	cps
Vanadium	51-2	34173	34500	33765	34146	1.08	cps
Yttrium	89-1	10511872	10458482	10466601	10478985	0.27	cps
Yttrium	89-2	1865576	1883016	1866673	1871755	0.52	cps
Zinc	66-2	10200	10352	10477	10343	1.34	cps
Zirconium	90-1	594434	586539	589462	590145	0.68	cps
Zirconium	91-1	132010	133416	132793	132740	0.53	cps

LB Number : LB116498 Operator : JASWAL
 Lab Sample ID : CCV13 Instrumnet Name : P7
 Client Sample ID : CCV13 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-24 13:07:22 DataFile Name : 021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4568588	4513918	4568940	4550482	0.70	cps
Antimony	121-1	3342138	3414155	3385797	3380697	1.07	cps
Arsenic	75-2	117508	115410	115511	116143	1.02	cps
Barium	135-1	4147709	4205563	4195755	4183009	0.74	cps
Barium	137-1	7257044	7404103	7376953	7346033	1.07	cps
Beryllium	9-1	634759	646958	643830	641849	0.99	cps
Bismuth	209-1	6369026	6336951	6346117	6350698	0.26	cps
Bismuth	209-2	3556058	3569862	3596339	3574086	0.57	cps
Boron	10-1	83630	87435	90628	87231	4.02	cps
Boron	11-1	396088	410808	428469	411788	3.94	cps
Bromine	81-1	6460	5685	6452	6199	7.18	cps
Bromine	81-2	50	60	10	40	66.14	cps
Cadmium	111-1	927809	929062	925614	927495	0.19	cps
Cadmium	106-1	106959	105087	104347	105464	1.28	cps
Cadmium	108-1	69799	70712	69720	70077	0.79	cps
Calcium	43-1	4576936	4638509	4609148	4608197	0.67	cps
Calcium	44-1	68451429	69609120	69367652	69142733	0.88	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1009714	999843	999454	1003004	0.58	cps
Cobalt	59-2	1596081	1591110	1580693	1589295	0.49	cps
Copper	63-2	11574920	11561747	11597989	11578219	0.16	cps
Dysprosium	156-1	767	875	1025	889	14.59	cps
Dysprosium	156-2	547	403	543	498	16.44	cps
Erbium	164-1	350	283	342	325	11.18	cps
Erbium	164-2	100	130	147	126	18.84	cps
Gadolinium	160-1	858	942	1025	942	8.85	cps
Gadolinium	160-2	580	630	677	629	7.69	cps
Holmium	165-1	9869029	9863035	9855772	9862612	0.07	cps
Holmium	165-2	5009281	5035960	5088446	5044562	0.80	cps
Indium	115-1	6462674	6378704	6358052	6399810	0.87	cps
Indium	115-2	1500053	1495665	1500200	1498639	0.17	cps
Iron	56-2	226385377	222079699	223017561	223827546	1.01	cps
Iron	57-2	5666979	5511540	5569023	5582514	1.41	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	CCV13	Instrumnet Name :	P7
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 13:07:22	DataFile Name :	021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	12233399	11906738	12044279	12061472	1.36	cps
Krypton	83-1	440	473	497	470	6.06	cps
Lead	206-1	17947597	17998153	18112957	18019569	0.47	cps
Lead	207-1	15657811	15716748	15841001	15738520	0.59	cps
Lead	208-1	71833650	71488670	71939319	71753879	0.33	cps
Lithium	6-1	1910512	1900513	1897666	1902897	0.35	cps
Magnesium	24-2	48574650	47657228	47860538	48030805	1.00	cps
Manganese	55-2	7397502	7178930	7257154	7277862	1.52	cps
Molybdenum	94-1	6500943	6610677	6523479	6545033	0.89	cps
Molybdenum	95-1	7803212	7899006	7878655	7860291	0.64	cps
Molybdenum	96-1	8778928	8790203	8826861	8798664	0.28	cps
Molybdenum	97-1	4989463	5066500	5019947	5025303	0.77	cps
Molybdenum	98-1	12700936	12867027	12842765	12803576	0.70	cps
Neodymium	150-1	607	627	540	591	7.68	cps
Neodymium	150-2	160	120	183	154	20.74	cps
Nickel	60-2	401999	401355	398487	400614	0.47	cps
Phosphorus	31-2	44851	45762	45971	45528	1.31	cps
Potassium	39-2	22190394	21732613	21831709	21918239	1.10	cps
Rhodium	103-1	5453398	5436820	5369432	5419883	0.82	cps
Rhodium	103-2	2646774	2659572	2659711	2655352	0.28	cps
Scandium	45-1	3565558	3597182	3516481	3559741	1.14	cps
Scandium	45-2	211311	208261	209366	209646	0.74	cps
Selenium	82-1	56404	56037	56521	56321	0.45	cps
Selenium	77-2	3334	3294	3507	3378	3.36	cps
Selenium	78-2	11336	11688	11427	11484	1.59	cps
Silicon	28-1	2129404	2240962	2244016	2204794	2.96	cps
Silver	107-1	4090367	4124506	4109129	4108001	0.42	cps
Silver	109-1	3947980	4000664	3936364	3961669	0.86	cps
Sodium	23-2	81412152	80498860	80570631	80827214	0.63	cps
Strontium	86-1	10157025	10109610	10023917	10096851	0.67	cps
Strontium	88-1	87657412	87994752	87832598	87828254	0.19	cps
Sulfur	34-1	574785	587742	575223	579250	1.27	cps
Terbium	159-1	9977328	9696011	9869323	9847554	1.44	cps
Terbium	159-2	4902894	4942059	4893015	4912656	0.53	cps
Thallium	203-1	4201754	4246083	4219664	4222500	0.53	cps
Thallium	205-1	10363780	10255349	10264247	10294458	0.58	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	CCV13	Instrumnet Name :	P7
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 13:07:22	DataFile Name :	021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	16750169	16682751	16802204	16745041	0.36	cps
Tin	118-1	2865537	2907725	2889446	2887569	0.73	cps
Titanium	47-1	2042143	2070202	2045958	2052768	0.74	cps
Uranium	238-1	15912430	15940978	16067971	15973793	0.52	cps
Vanadium	51-2	853923	845553	846238	848571	0.55	cps
Yttrium	89-1	10295202	10198074	10191423	10228233	0.57	cps
Yttrium	89-2	1807640	1796574	1807496	1803904	0.35	cps
Zinc	66-2	1844817	1821138	1819559	1828505	0.77	cps
Zirconium	90-1	5499102	5557559	5472881	5509847	0.79	cps
Zirconium	91-1	1231938	1256684	1232272	1240298	1.14	cps

LB Number : LB116498 Operator : JASWAL
 Lab Sample ID : CCB13 Instrumnet Name : P7
 Client Sample ID : CCB13 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-24 13:17:22 DataFile Name : 022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125	166	141	144	14.53	cps
Antimony	121-1	467	550	442	486	11.67	cps
Arsenic	75-2	4	15	7	9	65.47	cps
Barium	135-1	17	33	42	31	41.66	cps
Barium	137-1	67	50	25	47	44.41	cps
Beryllium	9-1	106	111	144	120	17.47	cps
Bismuth	209-1	6596633	6672449	6741983	6670355	1.09	cps
Bismuth	209-2	3919842	3933999	3948633	3934158	0.37	cps
Boron	10-1	1233	1342	1142	1239	8.08	cps
Boron	11-1	5943	5876	5893	5904	0.59	cps
Bromine	81-1	6535	6302	6643	6493	2.69	cps
Bromine	81-2	50	40	40	43	13.32	cps
Cadmium	111-1	2269	2704	2530	2501	8.74	cps
Cadmium	106-1	3184	3826	3584	3531	9.18	cps
Cadmium	108-1	25	17	17	19	24.73	cps
Calcium	43-1	33	117	125	92	55.30	cps
Calcium	44-1	4517	4242	4484	4415	3.40	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	550	623	627	600	7.22	cps
Cobalt	59-2	20	33	67	40	60.10	cps
Copper	63-2	757	707	773	746	4.65	cps
Dysprosium	156-1	42	8	0	17	132.30	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	42	83	75	67	33.07	cps
Erbium	164-2	27	30	27	28	6.92	cps
Gadolinium	160-1	83	83	58	75	19.25	cps
Gadolinium	160-2	110	140	120	123	12.39	cps
Holmium	165-1	9745482	9771427	9607428	9708112	0.91	cps
Holmium	165-2	5134407	5089149	5173799	5132452	0.83	cps
Indium	115-1	6835576	6869820	6857842	6854413	0.25	cps
Indium	115-2	1644098	1621020	1671975	1645698	1.55	cps
Iron	56-2	4062	4256	3873	4064	4.72	cps
Iron	57-2	117	144	144	135	11.86	cps

LB Number : LB116498 Operator : JASWAL
 Lab Sample ID : CCB13 Instrumnet Name : P7
 Client Sample ID : CCB13 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-24 13:17:22 DataFile Name : 022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	611	721	591	641	10.94	cps
Krypton	83-1	540	597	533	557	6.25	cps
Lead	206-1	1200	1317	1172	1230	6.23	cps
Lead	207-1	1350	1161	1128	1213	9.88	cps
Lead	208-1	5384	5289	4950	5208	4.38	cps
Lithium	6-1	2049357	2046316	2046877	2047516	0.08	cps
Magnesium	24-2	492	417	608	506	19.11	cps
Manganese	55-2	73	63	103	80	26.02	cps
Molybdenum	94-1	317	275	242	278	13.53	cps
Molybdenum	95-1	142	142	117	133	10.83	cps
Molybdenum	96-1	292	208	175	225	26.71	cps
Molybdenum	97-1	83	42	75	67	33.07	cps
Molybdenum	98-1	250	133	242	208	31.24	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	97	77	117	97	20.69	cps
Phosphorus	31-2	108	133	308	183	59.44	cps
Potassium	39-2	28453	27242	29180	28292	3.46	cps
Rhodium	103-1	5895755	5966528	6182257	6014847	2.48	cps
Rhodium	103-2	3018252	2977119	3054746	3016705	1.29	cps
Scandium	45-1	3711598	3732348	3758345	3734097	0.63	cps
Scandium	45-2	224298	216812	226333	222481	2.25	cps
Selenium	82-1	-41	-92	30	-34	-176.98	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	78	44	80	67	29.43	cps
Silicon	28-1	196384	192637	198202	195741	1.45	cps
Silver	107-1	142	133	150	142	5.88	cps
Silver	109-1	67	117	117	100	28.87	cps
Sodium	23-2	22159	20473	21691	21441	4.06	cps
Strontium	86-1	742	700	858	767	10.71	cps
Strontium	88-1	325	292	392	336	15.15	cps
Sulfur	34-1	306770	302989	307969	305910	0.85	cps
Terbium	159-1	9974023	9842471	10096900	9971131	1.28	cps
Terbium	159-2	5028740	5029119	5085724	5047861	0.65	cps
Thallium	203-1	550	442	392	461	17.55	cps
Thallium	205-1	1100	1408	1208	1239	12.63	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	CCB13	Instrumnet Name :	P7
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 13:17:22	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	317	333	283	311	8.18	cps
Tin	118-1	625	1310	575	837	49.06	cps
Titanium	47-1	33	42	42	39	12.38	cps
Uranium	238-1	83	42	42	56	43.30	cps
Vanadium	51-2	10	23	7	13	66.12	cps
Yttrium	89-1	10695139	10645027	10556654	10632273	0.66	cps
Yttrium	89-2	1921140	1874638	1941700	1912492	1.80	cps
Zinc	66-2	216	236	245	232	6.33	cps
Zirconium	90-1	700	717	667	694	3.67	cps
Zirconium	91-1	158	142	142	147	6.54	cps

LB Number : LB116498 Operator : JASWAL
 Lab Sample ID : CRI Instrumnet Name : P7
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2021-09-24 13:20:31 DataFile Name : 023LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2265	1908	2122	2098	8.56	cps
Antimony	121-1	13782	14049	13532	13788	1.88	cps
Arsenic	75-2	272	219	217	236	13.38	cps
Barium	135-1	16685	17186	16602	16824	1.88	cps
Barium	137-1	28755	29140	29624	29173	1.49	cps
Beryllium	9-1	1450	1489	1545	1495	3.18	cps
Bismuth	209-1	6737406	6758388	6856347	6784047	0.94	cps
Bismuth	209-2	3972216	3988440	3973613	3978090	0.23	cps
Boron	10-1	5718	4943	5326	5329	7.27	cps
Boron	11-1	24187	24904	26549	25213	4.80	cps
Bromine	81-1	6794	6502	6927	6741	3.23	cps
Bromine	81-2	10	10	50	23	98.97	cps
Cadmium	111-1	4529	4464	4447	4480	0.97	cps
Cadmium	106-1	4201	3992	4051	4081	2.63	cps
Cadmium	108-1	129	146	163	146	11.43	cps
Calcium	43-1	9620	9904	9720	9748	1.47	cps
Calcium	44-1	155333	161505	156841	157893	2.04	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5074	4881	4858	4938	2.41	cps
Cobalt	59-2	3544	3384	3644	3524	3.72	cps
Copper	63-2	5228	4914	4961	5034	3.36	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	7	7	7	7	0.00	cps
Erbium	164-1	25	25	75	42	69.28	cps
Erbium	164-2	27	33	30	30	11.10	cps
Gadolinium	160-1	50	33	58	47	26.96	cps
Gadolinium	160-2	127	123	117	122	4.17	cps
Holmium	165-1	9864389	9982282	10038727	9961799	0.89	cps
Holmium	165-2	5179135	5162383	5171658	5171059	0.16	cps
Indium	115-1	6921209	6889793	6901904	6904302	0.23	cps
Indium	115-2	1656125	1646466	1658208	1653600	0.38	cps
Iron	56-2	104731	104898	106191	105273	0.76	cps
Iron	57-2	2689	2706	2539	2645	3.47	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 13:20:31	DataFile Name :	023LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	6648	5907	6178	6244	6.01	cps
Krypton	83-1	527	570	617	571	7.88	cps
Lead	206-1	8253	7980	8703	8312	4.39	cps
Lead	207-1	7408	6919	7213	7180	3.43	cps
Lead	208-1	33411	32071	33812	33098	2.75	cps
Lithium	6-1	2070400	2085410	2074023	2076611	0.38	cps
Magnesium	24-2	101626	99721	101189	100845	0.99	cps
Manganese	55-2	1620	1523	1597	1580	3.19	cps
Molybdenum	94-1	13073	13940	13582	13532	3.22	cps
Molybdenum	95-1	15742	15892	16351	15995	1.98	cps
Molybdenum	96-1	17536	18554	18212	18101	2.86	cps
Molybdenum	97-1	10504	10196	10646	10449	2.20	cps
Molybdenum	98-1	25941	26976	26751	26556	2.05	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	1110	1083	1080	1091	1.51	cps
Phosphorus	31-2	150	125	167	147	14.25	cps
Potassium	39-2	124888	121577	122997	123154	1.35	cps
Rhodium	103-1	6216542	6312487	6182764	6237265	1.08	cps
Rhodium	103-2	3034667	3017152	3055748	3035856	0.64	cps
Scandium	45-1	3762263	3832288	3748593	3781048	1.19	cps
Scandium	45-2	226145	222322	222635	223701	0.95	cps
Selenium	82-1	676	566	507	583	14.72	cps
Selenium	77-2	33	63	30	42	43.48	cps
Selenium	78-2	209	185	174	190	9.49	cps
Silicon	28-1	228582	237531	227120	231078	2.44	cps
Silver	107-1	8111	8478	8494	8361	2.59	cps
Silver	109-1	8311	8102	8219	8211	1.27	cps
Sodium	23-2	193541	190856	190951	191783	0.79	cps
Strontium	86-1	3125	3050	3225	3134	2.80	cps
Strontium	88-1	20206	19447	20031	19895	2.00	cps
Sulfur	34-1	313221	315811	302940	310657	2.19	cps
Terbium	159-1	10076864	9917805	10105952	10033540	1.01	cps
Terbium	159-2	5032714	5081449	5083654	5065939	0.57	cps
Thallium	203-1	8361	9737	8987	9028	7.63	cps
Thallium	205-1	21459	21126	21376	21320	0.81	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 13:20:31	DataFile Name :	023LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	206	222	200	209	5.53	cps
Tin	118-1	28780	29573	30183	29512	2.38	cps
Titanium	47-1	4292	4292	4284	4290	0.11	cps
Uranium	238-1	28097	28289	29918	28768	3.48	cps
Vanadium	51-2	8899	8943	8526	8789	2.61	cps
Yttrium	89-1	10717228	10802194	10748936	10756119	0.40	cps
Yttrium	89-2	1917482	1901635	1933359	1917492	0.83	cps
Zinc	66-2	1005	989	925	973	4.31	cps
Zirconium	90-1	10863	11038	11513	11138	3.02	cps
Zirconium	91-1	2617	2450	2634	2567	3.95	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-01	Instrumnet Name :	P7
Client Sample ID :	SW-RR-02-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 13:23:38	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8240	9235	8439	8638	6.10	cps
Antimony	121-1	2692	2709	2734	2711	0.77	cps
Arsenic	75-2	333	341	378	351	6.79	cps
Barium	135-1	104029	103222	104045	103765	0.45	cps
Barium	137-1	183666	180246	184381	182764	1.21	cps
Beryllium	9-1	144	128	89	120	23.69	cps
Bismuth	209-1	6646080	6746028	6784179	6725429	1.06	cps
Bismuth	209-2	3905016	3899040	3961420	3921825	0.88	cps
Boron	10-1	16860	17435	18095	17463	3.54	cps
Boron	11-1	82113	83923	85767	83935	2.18	cps
Bromine	81-1	30700	37549	41627	36625	15.08	cps
Bromine	81-2	4686	4986	5246	4973	5.64	cps
Cadmium	111-1	2637	2782	2733	2718	2.72	cps
Cadmium	106-1	3709	3926	3859	3831	2.90	cps
Cadmium	108-1	25	17	38	26	39.73	cps
Calcium	43-1	603626	605408	606752	605262	0.26	cps
Calcium	44-1	9207862	9144738	9063654	9138752	0.79	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2287	2227	2440	2318	4.75	cps
Cobalt	59-2	1260	1163	1357	1260	7.67	cps
Copper	63-2	9283	9190	8806	9093	2.78	cps
Dysprosium	156-1	525	450	533	503	9.13	cps
Dysprosium	156-2	303	277	290	290	4.60	cps
Erbium	164-1	308	400	375	361	13.12	cps
Erbium	164-2	170	163	173	169	3.01	cps
Gadolinium	160-1	558	542	667	589	11.53	cps
Gadolinium	160-2	347	370	460	392	15.26	cps
Holmium	165-1	9984723	9983925	10126265	10031638	0.82	cps
Holmium	165-2	5196373	5213031	5243613	5217672	0.46	cps
Indium	115-1	6818354	6876544	6934238	6876379	0.84	cps
Indium	115-2	1658142	1633182	1654195	1648506	0.81	cps
Iron	56-2	1241588	1233842	1247256	1240895	0.54	cps
Iron	57-2	33243	33488	33845	33525	0.90	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-01	Instrumnet Name :	P7
Client Sample ID :	SW-RR-02-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 13:23:38	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	66457	67270	69091	67606	2.00	cps
Krypton	83-1	543	443	440	476	12.35	cps
Lead	206-1	4707	4757	4634	4699	1.31	cps
Lead	207-1	4001	3806	3695	3834	4.04	cps
Lead	208-1	18094	18050	17627	17924	1.44	cps
Lithium	6-1	2069620	2070131	2074924	2071558	0.14	cps
Magnesium	24-2	2408813	2375470	2416260	2400181	0.90	cps
Manganese	55-2	483815	475185	487200	482066	1.29	cps
Molybdenum	94-1	4609	4784	4376	4590	4.46	cps
Molybdenum	95-1	7494	7402	7711	7536	2.10	cps
Molybdenum	96-1	8486	7969	7894	8116	3.97	cps
Molybdenum	97-1	4534	4534	4693	4587	1.99	cps
Molybdenum	98-1	11788	12181	11588	11852	2.54	cps
Neodymium	150-1	307	347	273	309	11.89	cps
Neodymium	150-2	143	137	137	139	2.77	cps
Nickel	60-2	1823	1690	1763	1759	3.80	cps
Phosphorus	31-2	2050	2259	2375	2228	7.39	cps
Potassium	39-2	765199	751600	765617	760805	1.05	cps
Rhodium	103-1	5947391	6059546	5981923	5996287	0.96	cps
Rhodium	103-2	3005417	2962747	3000342	2989502	0.78	cps
Scandium	45-1	3774431	3756955	3734236	3755207	0.54	cps
Scandium	45-2	225766	219667	225236	223556	1.51	cps
Selenium	82-1	-25	84	130	63	126.16	cps
Selenium	77-2	7	10	3	7	50.03	cps
Selenium	78-2	70	63	72	69	7.15	cps
Silicon	28-1	14634816	14459229	14404897	14499647	0.83	cps
Silver	107-1	208	258	275	247	14.03	cps
Silver	109-1	150	167	125	147	14.25	cps
Sodium	23-2	13309018	13201490	13421043	13310517	0.82	cps
Strontium	86-1	380339	385917	382325	382860	0.74	cps
Strontium	88-1	3343023	3380984	3356525	3360177	0.57	cps
Sulfur	34-1	715026	716012	714411	715150	0.11	cps
Terbium	159-1	10070499	10210576	10069617	10116897	0.80	cps
Terbium	159-2	5116355	5075960	5162365	5118227	0.84	cps
Thallium	203-1	442	492	367	433	14.52	cps
Thallium	205-1	992	908	833	911	8.69	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-01	Instrumnet Name :	P7
Client Sample ID :	SW-RR-02-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 13:23:38	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	678	689	739	702	4.64	cps
Tin	118-1	1650	1825	1575	1683	7.62	cps
Titanium	47-1	2417	3093	2142	2551	19.18	cps
Uranium	238-1	6702	6802	6418	6641	3.00	cps
Vanadium	51-2	1830	1747	1830	1802	2.67	cps
Yttrium	89-1	10650537	10681706	10633289	10655177	0.23	cps
Yttrium	89-2	1923888	1888280	1933846	1915338	1.25	cps
Zinc	66-2	10918	11204	11343	11155	1.94	cps
Zirconium	90-1	1433	2286	1442	1720	28.47	cps
Zirconium	91-1	350	308	267	308	13.51	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-02	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 13:26:45	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10331	8846	9489	9555	7.79	cps
Antimony	121-1	900	650	817	789	16.14	cps
Arsenic	75-2	170	146	115	144	19.37	cps
Barium	135-1	78839	80582	81053	80158	1.45	cps
Barium	137-1	136708	141218	139755	139227	1.65	cps
Beryllium	9-1	122	83	72	93	28.35	cps
Bismuth	209-1	7078005	7149289	6822093	7016462	2.45	cps
Bismuth	209-2	3909744	3938605	3956569	3934973	0.60	cps
Boron	10-1	8302	8611	9345	8753	6.12	cps
Boron	11-1	41081	41833	43237	42051	2.60	cps
Bromine	81-1	27952	29656	33105	30238	8.68	cps
Bromine	81-2	3434	3464	3524	3474	1.32	cps
Cadmium	111-1	2888	2618	2430	2645	8.70	cps
Cadmium	106-1	4076	3734	3442	3751	8.45	cps
Cadmium	108-1	33	29	54	39	34.44	cps
Calcium	43-1	531572	535894	541097	536188	0.89	cps
Calcium	44-1	8103859	8095824	8160677	8120120	0.44	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1763	1753	1977	1831	6.89	cps
Cobalt	59-2	627	663	597	629	5.31	cps
Copper	63-2	3534	3697	3721	3650	2.79	cps
Dysprosium	156-1	367	308	308	328	10.27	cps
Dysprosium	156-2	190	190	153	178	11.91	cps
Erbium	164-1	333	292	308	311	6.74	cps
Erbium	164-2	187	190	173	183	4.81	cps
Gadolinium	160-1	367	467	350	394	16.00	cps
Gadolinium	160-2	297	283	277	286	3.57	cps
Holmium	165-1	9983693	9939507	10081542	10001581	0.73	cps
Holmium	165-2	5223717	5263980	5243760	5243819	0.38	cps
Indium	115-1	6827260	6764837	6902625	6831574	1.01	cps
Indium	115-2	1648142	1651759	1648816	1649572	0.12	cps
Iron	56-2	344128	357827	348877	350277	1.99	cps
Iron	57-2	10810	11583	11255	11216	3.46	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-02	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 13:26:45	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	20064	19483	19493	19680	1.69	cps
Krypton	83-1	523	473	497	498	5.03	cps
Lead	206-1	2761	2845	2667	2758	3.23	cps
Lead	207-1	2411	2556	2289	2419	5.52	cps
Lead	208-1	11185	11308	10741	11078	2.69	cps
Lithium	6-1	2077142	2072558	2082038	2077246	0.23	cps
Magnesium	24-2	2164491	2179183	2201095	2181589	0.84	cps
Manganese	55-2	42538	42792	43033	42788	0.58	cps
Molybdenum	94-1	1959	1558	1492	1670	15.12	cps
Molybdenum	95-1	2125	2109	2042	2092	2.11	cps
Molybdenum	96-1	2525	2425	2192	2381	7.19	cps
Molybdenum	97-1	1100	1275	1475	1283	14.62	cps
Molybdenum	98-1	3659	3325	3951	3645	8.58	cps
Neodymium	150-1	447	440	360	416	11.61	cps
Neodymium	150-2	150	110	157	139	18.17	cps
Nickel	60-2	593	637	633	621	3.88	cps
Phosphorus	31-2	292	250	217	253	14.87	cps
Potassium	39-2	492193	492690	495101	493328	0.32	cps
Rhodium	103-1	5947940	6007677	5992849	5982822	0.52	cps
Rhodium	103-2	2999029	3005451	3002563	3002348	0.11	cps
Scandium	45-1	3761037	3771786	3793457	3775427	0.44	cps
Scandium	45-2	222430	223361	223977	223256	0.35	cps
Selenium	82-1	-6	120	27	47	139.48	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	57	57	59	58	1.84	cps
Silicon	28-1	9133858	9341864	9453548	9309757	1.74	cps
Silver	107-1	108	92	192	131	41.03	cps
Silver	109-1	75	100	75	83	17.32	cps
Sodium	23-2	9750484	9797958	9931328	9826590	0.95	cps
Strontium	86-1	331138	327450	335353	331314	1.19	cps
Strontium	88-1	2862820	2903329	2918256	2894801	0.99	cps
Sulfur	34-1	478484	479568	478772	478941	0.12	cps
Terbium	159-1	10136069	10079005	10226949	10147341	0.74	cps
Terbium	159-2	5112429	5168504	5136853	5139262	0.55	cps
Thallium	203-1	325	158	325	269	35.71	cps
Thallium	205-1	683	633	675	664	4.03	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-02	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 13:26:45	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	733	806	756	765	4.84	cps
Tin	118-1	1942	1733	1892	1856	5.86	cps
Titanium	47-1	2417	2434	2675	2509	5.77	cps
Uranium	238-1	10146	10421	10771	10446	3.00	cps
Vanadium	51-2	1737	1810	1603	1717	6.10	cps
Yttrium	89-1	10804786	10567184	10693330	10688433	1.11	cps
Yttrium	89-2	1911591	1917168	1916985	1915248	0.17	cps
Zinc	66-2	8903	8365	8454	8574	3.36	cps
Zirconium	90-1	1108	1100	1275	1161	8.50	cps
Zirconium	91-1	158	859	684	567	64.32	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-03	Instrumnet Name :	P7
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 13:29:51	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14077	14512	15352	14647	4.42	cps
Antimony	121-1	2867	2625	2559	2684	6.05	cps
Arsenic	75-2	280	276	319	291	8.10	cps
Barium	135-1	98497	98423	99436	98785	0.57	cps
Barium	137-1	172389	170601	174905	172632	1.25	cps
Beryllium	9-1	111	72	94	93	21.07	cps
Bismuth	209-1	6754927	6784411	6817709	6785683	0.46	cps
Bismuth	209-2	3943271	3935460	3933440	3937391	0.13	cps
Boron	10-1	15325	15625	16434	15795	3.63	cps
Boron	11-1	72792	75145	77959	75298	3.44	cps
Bromine	81-1	36046	40666	44251	40321	10.20	cps
Bromine	81-2	5417	5056	5206	5226	3.46	cps
Cadmium	111-1	2720	2770	2940	2810	4.10	cps
Cadmium	106-1	3867	3917	4167	3984	4.04	cps
Cadmium	108-1	42	38	33	38	11.12	cps
Calcium	43-1	555238	560281	562820	559446	0.69	cps
Calcium	44-1	8359655	8441298	8448615	8416523	0.59	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2214	2187	2257	2219	1.59	cps
Cobalt	59-2	1353	1213	1363	1310	6.40	cps
Copper	63-2	10514	10504	10457	10492	0.29	cps
Dysprosium	156-1	658	600	775	678	13.15	cps
Dysprosium	156-2	350	333	380	354	6.67	cps
Erbium	164-1	392	625	375	464	30.13	cps
Erbium	164-2	220	237	253	237	7.04	cps
Gadolinium	160-1	900	967	742	870	13.29	cps
Gadolinium	160-2	533	547	453	511	9.88	cps
Holmium	165-1	10095367	10020329	10071577	10062424	0.38	cps
Holmium	165-2	5245297	5229581	5222960	5232613	0.22	cps
Indium	115-1	6898228	6836487	6941801	6892172	0.77	cps
Indium	115-2	1655459	1660112	1646713	1654094	0.41	cps
Iron	56-2	1167578	1178701	1172357	1172879	0.48	cps
Iron	57-2	31790	31890	31144	31608	1.28	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-03	Instrumnet Name :	P7
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 13:29:51	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	64063	64426	65994	64828	1.58	cps
Krypton	83-1	470	510	557	512	8.47	cps
Lead	206-1	5629	5412	5351	5464	2.67	cps
Lead	207-1	4462	4851	4606	4640	4.24	cps
Lead	208-1	21418	20984	20918	21107	1.29	cps
Lithium	6-1	2059850	2066655	2080992	2069166	0.52	cps
Magnesium	24-2	2243981	2261681	2275486	2260383	0.70	cps
Manganese	55-2	266266	268064	270378	268236	0.77	cps
Molybdenum	94-1	4926	5076	5051	5018	1.60	cps
Molybdenum	95-1	7802	7827	7569	7733	1.84	cps
Molybdenum	96-1	8444	8970	8628	8681	3.07	cps
Molybdenum	97-1	4901	5218	4843	4987	4.05	cps
Molybdenum	98-1	13006	12030	12664	12567	3.94	cps
Neodymium	150-1	567	473	513	518	9.04	cps
Neodymium	150-2	200	270	173	214	23.28	cps
Nickel	60-2	1687	1627	1600	1638	2.71	cps
Phosphorus	31-2	2292	2459	2442	2397	3.83	cps
Potassium	39-2	776104	780498	787427	781343	0.73	cps
Rhodium	103-1	6051051	6190051	6168860	6136654	1.22	cps
Rhodium	103-2	2984026	3002630	2992690	2993115	0.31	cps
Scandium	45-1	3748065	3775660	3838392	3787372	1.22	cps
Scandium	45-2	223085	226856	224714	224885	0.84	cps
Selenium	82-1	92	81	24	66	56.01	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	78	70	74	74	5.00	cps
Silicon	28-1	13296056	13312468	13648333	13418952	1.48	cps
Silver	107-1	183	183	317	228	33.80	cps
Silver	109-1	125	142	200	156	25.32	cps
Sodium	23-2	12972041	12920502	12975937	12956160	0.24	cps
Strontium	86-1	362184	363380	370424	365330	1.22	cps
Strontium	88-1	3164398	3187016	3191658	3181024	0.46	cps
Sulfur	34-1	639589	646213	651183	645662	0.90	cps
Terbium	159-1	10050502	10072903	10111658	10078354	0.31	cps
Terbium	159-2	5120754	5125413	5114296	5120154	0.11	cps
Thallium	203-1	192	242	242	225	12.83	cps
Thallium	205-1	608	583	600	597	2.13	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-03	Instrumnet Name :	P7
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 13:29:51	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	783	1028	1033	948	15.06	cps
Tin	118-1	1725	1508	1692	1642	7.11	cps
Titanium	47-1	3617	3375	3667	3553	4.39	cps
Uranium	238-1	7044	6810	7336	7063	3.73	cps
Vanadium	51-2	2187	2020	2064	2090	4.14	cps
Yttrium	89-1	10656764	10665437	10732764	10684988	0.39	cps
Yttrium	89-2	1903312	1927136	1918524	1916324	0.63	cps
Zinc	66-2	10595	10179	10152	10309	2.41	cps
Zirconium	90-1	1684	1350	1475	1503	11.21	cps
Zirconium	91-1	617	317	317	417	41.59	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-04	Instrumnet Name :	P7
Client Sample ID :	SW-CB-02-(0.2)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 13:32:59	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5830	8147	5137	6371	24.74	cps
Antimony	121-1	1225	1483	1508	1406	11.16	cps
Arsenic	75-2	209	159	196	188	13.78	cps
Barium	135-1	114593	116223	119745	116854	2.25	cps
Barium	137-1	200560	204824	205753	203712	1.36	cps
Beryllium	9-1	72	78	106	85	20.97	cps
Bismuth	209-1	6762232	6787508	6750014	6766585	0.28	cps
Bismuth	209-2	3901433	3895254	3915783	3904156	0.27	cps
Boron	10-1	21474	22868	22133	22158	3.15	cps
Boron	11-1	103728	106489	107227	105815	1.74	cps
Bromine	81-1	28370	30491	32513	30458	6.80	cps
Bromine	81-2	3164	3544	3514	3407	6.21	cps
Cadmium	111-1	2858	2801	2654	2771	3.79	cps
Cadmium	106-1	4076	3984	3776	3945	3.90	cps
Cadmium	108-1	29	42	38	36	17.62	cps
Calcium	43-1	829978	849578	852788	844115	1.46	cps
Calcium	44-1	12562790	12786486	12794401	12714559	1.03	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1210	1043	1107	1120	7.51	cps
Cobalt	59-2	510	560	550	540	4.90	cps
Copper	63-2	3997	3791	3897	3895	2.65	cps
Dysprosium	156-1	167	217	233	206	16.88	cps
Dysprosium	156-2	73	80	103	86	18.42	cps
Erbium	164-1	367	175	250	264	36.60	cps
Erbium	164-2	113	103	143	120	17.35	cps
Gadolinium	160-1	250	242	267	253	5.04	cps
Gadolinium	160-2	197	247	187	210	15.31	cps
Holmium	165-1	10080692	10015118	9980294	10025368	0.51	cps
Holmium	165-2	5232548	5229431	5217225	5226401	0.15	cps
Indium	115-1	6871918	6906083	6869895	6882632	0.30	cps
Indium	115-2	1659387	1642561	1637950	1646633	0.69	cps
Iron	56-2	367268	365411	360847	364509	0.91	cps
Iron	57-2	13429	12889	12244	12854	4.62	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-04	Instrumnet Name :	P7
Client Sample ID :	SW-CB-02-(0.2)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 13:32:59	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	22484	20275	19814	20857	6.84	cps
Krypton	83-1	457	433	530	473	10.66	cps
Lead	206-1	2756	2878	2700	2778	3.27	cps
Lead	207-1	2434	2261	2150	2282	6.26	cps
Lead	208-1	11008	10774	9924	10568	5.40	cps
Lithium	6-1	2070417	2079885	2083476	2077926	0.32	cps
Magnesium	24-2	2614785	2571155	2580731	2588890	0.89	cps
Manganese	55-2	201144	195472	196473	197697	1.53	cps
Molybdenum	94-1	1625	1692	1608	1642	2.69	cps
Molybdenum	95-1	2475	2559	2217	2417	7.37	cps
Molybdenum	96-1	2801	2800	2609	2737	4.05	cps
Molybdenum	97-1	1500	1483	1583	1522	3.52	cps
Molybdenum	98-1	3484	3726	3809	3673	4.60	cps
Neodymium	150-1	167	140	207	171	19.61	cps
Neodymium	150-2	73	53	50	59	21.43	cps
Nickel	60-2	737	757	757	750	1.54	cps
Phosphorus	31-2	933	742	833	836	11.47	cps
Potassium	39-2	627138	612504	610751	616798	1.46	cps
Rhodium	103-1	5955344	6118200	6020533	6031359	1.36	cps
Rhodium	103-2	2990286	2967027	2972401	2976571	0.41	cps
Scandium	45-1	3724425	3801063	3790766	3772085	1.10	cps
Scandium	45-2	227154	222491	225212	224952	1.04	cps
Selenium	82-1	62	77	1	46	86.46	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	78	61	63	67	13.58	cps
Silicon	28-1	16896827	16979598	16998886	16958437	0.32	cps
Silver	107-1	133	133	92	119	20.14	cps
Silver	109-1	100	42	42	61	55.11	cps
Sodium	23-2	16628627	16300261	16385975	16438288	1.04	cps
Strontium	86-1	427900	441910	436801	435537	1.63	cps
Strontium	88-1	3740294	3797204	3775014	3770837	0.76	cps
Sulfur	34-1	883460	887354	888420	886411	0.29	cps
Terbium	159-1	10134003	10175069	10189016	10166029	0.28	cps
Terbium	159-2	5120151	5093232	5129643	5114342	0.37	cps
Thallium	203-1	283	192	183	219	25.28	cps
Thallium	205-1	633	650	508	597	12.97	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-04	Instrumnet Name :	P7
Client Sample ID :	SW-CB-02-(0.2)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 13:32:59	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	711	439	500	550	25.97	cps
Tin	118-1	1108	892	1050	1017	11.03	cps
Titanium	47-1	1767	1759	1759	1761	0.27	cps
Uranium	238-1	4959	5043	5410	5137	4.66	cps
Vanadium	51-2	2590	2630	2300	2507	7.19	cps
Yttrium	89-1	10600799	10812563	10705230	10706197	0.99	cps
Yttrium	89-2	1942955	1897107	1907038	1915700	1.26	cps
Zinc	66-2	7062	6890	6894	6949	1.41	cps
Zirconium	90-1	867	1108	1075	1017	12.88	cps
Zirconium	91-1	175	308	208	231	30.10	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-05	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(0.5)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 13:36:05	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	196824	198461	190682	195323	2.10	cps
Antimony	121-1	5143	5143	5243	5176	1.12	cps
Arsenic	75-2	1535	1585	1559	1560	1.60	cps
Barium	135-1	221455	224798	222460	222905	0.77	cps
Barium	137-1	395386	394391	397630	395802	0.42	cps
Beryllium	9-1	272	178	244	231	20.97	cps
Bismuth	209-1	6632627	6756816	6748025	6712489	1.03	cps
Bismuth	209-2	3854231	3898521	3883839	3878864	0.58	cps
Boron	10-1	26783	27918	27400	27367	2.08	cps
Boron	11-1	124995	132104	133072	130057	3.39	cps
Bromine	81-1	32637	39012	42989	38213	13.67	cps
Bromine	81-2	5216	5296	5246	5253	0.77	cps
Cadmium	111-1	2858	2929	3250	3012	6.93	cps
Cadmium	106-1	3767	3784	4151	3901	5.56	cps
Cadmium	108-1	83	46	50	60	34.42	cps
Calcium	43-1	839747	834754	834673	836391	0.35	cps
Calcium	44-1	12711854	12765254	12613516	12696875	0.61	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51303	51891	49861	51018	2.05	cps
Cobalt	59-2	7569	7695	7525	7596	1.16	cps
Copper	63-2	103509	105275	102465	103749	1.37	cps
Dysprosium	156-1	3250	2984	3150	3128	4.31	cps
Dysprosium	156-2	1507	1443	1543	1498	3.38	cps
Erbium	164-1	2617	2750	2700	2689	2.51	cps
Erbium	164-2	1333	1383	1280	1332	3.88	cps
Gadolinium	160-1	2792	2909	2917	2873	2.43	cps
Gadolinium	160-2	1683	1693	1924	1767	7.69	cps
Holmium	165-1	9885353	10015410	9865719	9922160	0.82	cps
Holmium	165-2	5156274	5194797	5191544	5180871	0.41	cps
Indium	115-1	6725774	6741044	6751309	6739376	0.19	cps
Indium	115-2	1613732	1638568	1617758	1623352	0.82	cps
Iron	56-2	16275539	16182017	16014783	16157447	0.82	cps
Iron	57-2	413456	415546	409606	412869	0.73	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-05	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(0.5)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 13:36:05	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	902830	919282	895221	905778	1.36	cps
Krypton	83-1	530	477	493	500	5.46	cps
Lead	206-1	126936	128955	126981	127624	0.90	cps
Lead	207-1	103605	107116	105547	105423	1.67	cps
Lead	208-1	486649	498840	492086	492525	1.24	cps
Lithium	6-1	2041327	2034234	2032805	2036122	0.22	cps
Magnesium	24-2	3248180	3292414	3244147	3261580	0.82	cps
Manganese	55-2	1388847	1405753	1387002	1393867	0.74	cps
Molybdenum	94-1	8244	8887	8478	8536	3.81	cps
Molybdenum	95-1	9971	10062	10212	10082	1.21	cps
Molybdenum	96-1	11480	11805	11613	11633	1.41	cps
Molybdenum	97-1	6101	6268	6210	6193	1.37	cps
Molybdenum	98-1	16410	15767	16902	16360	3.48	cps
Neodymium	150-1	3547	3401	3327	3425	3.27	cps
Neodymium	150-2	1543	1537	1350	1477	7.43	cps
Nickel	60-2	12866	13313	13016	13065	1.74	cps
Phosphorus	31-2	3917	3576	3617	3703	5.03	cps
Potassium	39-2	726885	734836	726201	729307	0.66	cps
Rhodium	103-1	5871671	5875124	5865165	5870653	0.09	cps
Rhodium	103-2	2931788	2961514	2948585	2947296	0.51	cps
Scandium	45-1	3729409	3702059	3725745	3719071	0.40	cps
Scandium	45-2	220533	224133	220643	221770	0.92	cps
Selenium	82-1	42	63	109	71	48.50	cps
Selenium	77-2	13	3	7	8	65.47	cps
Selenium	78-2	72	59	69	67	10.01	cps
Silicon	28-1	31476761	31243637	31242822	31321073	0.43	cps
Silver	107-1	3851	3726	3609	3728	3.24	cps
Silver	109-1	3459	3526	3559	3514	1.45	cps
Sodium	23-2	15209460	15425346	15137143	15257316	0.98	cps
Strontium	86-1	463073	469550	471413	468012	0.94	cps
Strontium	88-1	4058472	4130625	4125084	4104727	0.98	cps
Sulfur	34-1	983521	980846	987791	984053	0.36	cps
Terbium	159-1	10082047	9965085	10021827	10022986	0.58	cps
Terbium	159-2	5052417	5093674	5086906	5077666	0.44	cps
Thallium	203-1	375	350	442	389	12.19	cps
Thallium	205-1	908	1067	1083	1020	9.47	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-05	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(0.5)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 13:36:05	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	12579	12651	12629	12619	0.29	cps
Tin	118-1	10446	11438	10162	10682	6.27	cps
Titanium	47-1	63646	67165	60384	63732	5.32	cps
Uranium	238-1	15397	10396	10571	12121	23.41	cps
Vanadium	51-2	10931	11391	11128	11150	2.07	cps
Yttrium	89-1	10537319	10614314	10612113	10587915	0.41	cps
Yttrium	89-2	1888758	1902498	1886950	1892736	0.45	cps
Zinc	66-2	30920	31528	30563	31004	1.57	cps
Zirconium	90-1	6735	8531	7628	7631	11.76	cps
Zirconium	91-1	1617	2627	1809	2017	26.59	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-05DUP	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(0.5)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 13:39:11	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	192964	206421	198468	199285	3.39	cps
Antimony	121-1	5301	5276	5401	5326	1.24	cps
Arsenic	75-2	1426	1574	1609	1537	6.33	cps
Barium	135-1	224334	227358	224300	225331	0.78	cps
Barium	137-1	392289	398256	400001	396849	1.02	cps
Beryllium	9-1	244	250	211	235	8.94	cps
Bismuth	209-1	6638281	6743663	6764051	6715332	1.01	cps
Bismuth	209-2	3863048	3922324	3971700	3919024	1.39	cps
Boron	10-1	26382	27534	27175	27030	2.18	cps
Boron	11-1	129305	131374	134989	131889	2.18	cps
Bromine	81-1	35620	40625	43006	39750	9.48	cps
Bromine	81-2	5316	5246	5006	5190	3.14	cps
Cadmium	111-1	3295	3105	3018	3139	4.51	cps
Cadmium	106-1	4192	3926	3909	4009	3.97	cps
Cadmium	108-1	75	50	92	72	29.04	cps
Calcium	43-1	842754	851707	847843	847435	0.53	cps
Calcium	44-1	12740722	12895134	12814197	12816684	0.60	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	50289	51610	51937	51279	1.70	cps
Cobalt	59-2	7585	7645	7986	7739	2.79	cps
Copper	63-2	102227	103130	105919	103759	1.86	cps
Dysprosium	156-1	2959	2884	2892	2912	1.41	cps
Dysprosium	156-2	1477	1653	1597	1576	5.73	cps
Erbium	164-1	2859	2675	2834	2789	3.57	cps
Erbium	164-2	1370	1460	1370	1400	3.71	cps
Gadolinium	160-1	3134	3209	3067	3137	2.26	cps
Gadolinium	160-2	1800	1713	1653	1722	4.28	cps
Holmium	165-1	9951725	9833820	9923512	9903019	0.62	cps
Holmium	165-2	5163896	5251472	5298134	5237834	1.30	cps
Indium	115-1	6818756	6868316	6835140	6840738	0.37	cps
Indium	115-2	1614721	1639317	1658203	1637414	1.33	cps
Iron	56-2	16191589	16134822	16204584	16176998	0.23	cps
Iron	57-2	407925	415919	423575	415806	1.88	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-05DUP	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(0.5)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 13:39:11	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	913081	916608	919509	916399	0.35	cps
Krypton	83-1	483	467	477	476	1.76	cps
Lead	206-1	126819	129024	129533	128458	1.12	cps
Lead	207-1	103985	105839	107743	105856	1.78	cps
Lead	208-1	488888	498340	502352	496527	1.39	cps
Lithium	6-1	2041254	2057480	2063347	2054027	0.56	cps
Magnesium	24-2	3259339	3269469	3303677	3277495	0.71	cps
Manganese	55-2	1388640	1401286	1412760	1400895	0.86	cps
Molybdenum	94-1	8703	9572	8003	8759	8.98	cps
Molybdenum	95-1	10196	9228	9562	9662	5.09	cps
Molybdenum	96-1	11255	11055	11447	11252	1.74	cps
Molybdenum	97-1	5810	6335	5993	6046	4.41	cps
Molybdenum	98-1	16677	16260	17503	16813	3.76	cps
Neodymium	150-1	3887	3214	3821	3641	10.19	cps
Neodymium	150-2	1667	1567	1600	1611	3.16	cps
Nickel	60-2	12856	12732	13303	12964	2.32	cps
Phosphorus	31-2	3659	4026	4017	3901	5.37	cps
Potassium	39-2	722741	732510	736683	730645	0.98	cps
Rhodium	103-1	6014973	6106436	5940888	6020766	1.38	cps
Rhodium	103-2	2918896	2982506	3008507	2969970	1.55	cps
Scandium	45-1	3735277	3775381	3762583	3757747	0.55	cps
Scandium	45-2	220998	223644	226574	223739	1.25	cps
Selenium	82-1	39	106	97	81	45.27	cps
Selenium	77-2	10	3	10	8	49.52	cps
Selenium	78-2	57	76	59	64	15.89	cps
Silicon	28-1	31778119	31897983	31521928	31732677	0.61	cps
Silver	107-1	3909	4059	3584	3851	6.31	cps
Silver	109-1	3292	3659	3709	3553	6.40	cps
Sodium	23-2	15284485	15382393	15451091	15372656	0.54	cps
Strontium	86-1	470557	472043	474776	472459	0.45	cps
Strontium	88-1	4099154	4137747	4149486	4128795	0.64	cps
Sulfur	34-1	989426	1004509	995135	996356	0.76	cps
Terbium	159-1	10126557	10040494	10009906	10058985	0.60	cps
Terbium	159-2	5059444	5133105	5177838	5123462	1.17	cps
Thallium	203-1	467	408	425	433	6.93	cps
Thallium	205-1	1025	992	1150	1056	7.91	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-05DUP	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(0.5)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 13:39:11	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	11739	12395	13001	12378	5.10	cps
Tin	118-1	10980	11522	11322	11274	2.43	cps
Titanium	47-1	66429	61630	68707	65589	5.51	cps
Uranium	238-1	10379	10671	10388	10479	1.59	cps
Vanadium	51-2	11358	10941	11515	11271	2.63	cps
Yttrium	89-1	10623117	10517398	10760445	10633653	1.15	cps
Yttrium	89-2	1875336	1910667	1939110	1908371	1.67	cps
Zinc	66-2	30328	29729	30197	30085	1.05	cps
Zirconium	90-1	7836	7687	7078	7534	5.33	cps
Zirconium	91-1	1884	1825	2092	1934	7.26	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-05LX5	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(0.5)L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-24 13:42:18	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	38602	40838	36789	38743	5.23	cps
Antimony	121-1	1067	975	1308	1117	15.42	cps
Arsenic	75-2	376	335	313	341	9.35	cps
Barium	135-1	42967	43234	44355	43518	1.69	cps
Barium	137-1	75328	78111	75228	76222	2.15	cps
Beryllium	9-1	167	100	106	124	29.81	cps
Bismuth	209-1	6808734	6786473	6826172	6807126	0.29	cps
Bismuth	209-2	3912800	3921443	3935003	3923082	0.29	cps
Boron	10-1	7219	6827	6802	6949	3.36	cps
Boron	11-1	33454	32711	33771	33312	1.63	cps
Bromine	81-1	19597	18204	18946	18916	3.69	cps
Bromine	81-2	1271	1482	1211	1321	10.74	cps
Cadmium	111-1	3028	2788	2811	2875	4.60	cps
Cadmium	106-1	4259	3884	3901	4015	5.28	cps
Cadmium	108-1	29	21	33	28	22.92	cps
Calcium	43-1	164286	166652	166906	165948	0.87	cps
Calcium	44-1	2650622	2682501	2678891	2670671	0.65	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	10294	9970	10330	10198	1.94	cps
Cobalt	59-2	1517	1487	1523	1509	1.29	cps
Copper	63-2	20928	21015	20678	20874	0.84	cps
Dysprosium	156-1	592	583	567	581	2.19	cps
Dysprosium	156-2	267	363	283	304	16.97	cps
Erbium	164-1	658	608	567	611	7.51	cps
Erbium	164-2	333	300	247	293	14.90	cps
Gadolinium	160-1	650	592	433	558	20.08	cps
Gadolinium	160-2	457	420	480	452	6.69	cps
Holmium	165-1	10054379	9945644	9937053	9979025	0.66	cps
Holmium	165-2	5131870	5160752	5156275	5149632	0.30	cps
Indium	115-1	6942758	6906880	6910529	6920056	0.29	cps
Indium	115-2	1642846	1655441	1659237	1652508	0.52	cps
Iron	56-2	3229164	3243809	3208044	3227006	0.56	cps
Iron	57-2	81636	80368	80910	80971	0.79	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-05LX5	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(0.5)L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-24 13:42:18	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	179795	175642	176705	177381	1.22	cps
Krypton	83-1	570	590	493	551	9.26	cps
Lead	206-1	25580	25597	25296	25491	0.66	cps
Lead	207-1	21028	20922	20466	20805	1.44	cps
Lead	208-1	97907	98431	97892	98077	0.31	cps
Lithium	6-1	2071772	2095396	2085861	2084343	0.57	cps
Magnesium	24-2	635416	632664	630938	633006	0.36	cps
Manganese	55-2	272546	272923	270671	272047	0.44	cps
Molybdenum	94-1	2352	1642	1750	1915	19.98	cps
Molybdenum	95-1	1975	1959	1917	1950	1.54	cps
Molybdenum	96-1	2200	2250	2184	2211	1.57	cps
Molybdenum	97-1	1317	1258	1158	1245	6.43	cps
Molybdenum	98-1	3184	3225	2917	3109	5.38	cps
Neodymium	150-1	713	780	667	720	7.91	cps
Neodymium	150-2	273	323	403	333	19.67	cps
Nickel	60-2	2637	2690	2607	2645	1.60	cps
Phosphorus	31-2	908	950	875	911	4.12	cps
Potassium	39-2	164485	162825	162144	163151	0.74	cps
Rhodium	103-1	6176846	6146551	6173093	6165497	0.27	cps
Rhodium	103-2	2988964	3016301	3031479	3012248	0.72	cps
Scandium	45-1	3755323	3812421	3802132	3789959	0.80	cps
Scandium	45-2	226202	223652	222515	224123	0.84	cps
Selenium	82-1	-8	-80	65	-8	-915.82	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	56	57	59	57	3.22	cps
Silicon	28-1	6339175	6675802	6274015	6429664	3.35	cps
Silver	107-1	858	867	967	897	6.72	cps
Silver	109-1	750	792	767	769	2.73	cps
Sodium	23-2	3047731	3048995	3022848	3039858	0.49	cps
Strontium	86-1	89452	93494	91875	91607	2.22	cps
Strontium	88-1	803527	806157	798241	802642	0.50	cps
Sulfur	34-1	432364	439558	431925	434616	0.99	cps
Terbium	159-1	10224715	10070257	10013783	10102918	1.08	cps
Terbium	159-2	5066415	5045322	5071045	5060927	0.27	cps
Thallium	203-1	258	200	258	239	14.10	cps
Thallium	205-1	433	442	433	436	1.10	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-05LX5	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(0.5)L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-24 13:42:18	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	2506	2606	2328	2480	5.67	cps
Tin	118-1	2575	2300	2659	2511	7.47	cps
Titanium	47-1	11496	11756	11630	11627	1.12	cps
Uranium	238-1	1875	1984	2451	2103	14.55	cps
Vanadium	51-2	2284	2184	2057	2175	5.22	cps
Yttrium	89-1	10669984	10782224	10610759	10687656	0.81	cps
Yttrium	89-2	1905421	1911639	1928494	1915184	0.62	cps
Zinc	66-2	6175	6129	6245	6183	0.94	cps
Zirconium	90-1	1976	1667	1792	1812	8.59	cps
Zirconium	91-1	267	467	450	394	28.13	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-16	Instrumnet Name :	P7
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 13:45:29	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10729	9602	10434	10255	5.70	cps
Antimony	121-1	1675	1542	1558	1592	4.56	cps
Arsenic	75-2	789	752	819	786	4.25	cps
Barium	135-1	103894	103020	105918	104277	1.43	cps
Barium	137-1	184114	185375	188521	186003	1.22	cps
Beryllium	9-1	106	72	83	87	19.50	cps
Bismuth	209-1	6644079	6753443	6795931	6731151	1.16	cps
Bismuth	209-2	3913321	3924615	3906184	3914707	0.24	cps
Boron	10-1	16793	17486	18945	17741	6.19	cps
Boron	11-1	83169	85768	87888	85608	2.76	cps
Bromine	81-1	36162	40616	45322	40700	11.25	cps
Bromine	81-2	5447	5457	5387	5430	0.70	cps
Cadmium	111-1	2886	2888	2929	2901	0.84	cps
Cadmium	106-1	4126	4109	4184	4140	0.95	cps
Cadmium	108-1	33	54	29	39	34.44	cps
Calcium	43-1	437338	441369	442982	440563	0.66	cps
Calcium	44-1	6638186	6672965	6622393	6644515	0.39	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1573	1640	1557	1590	2.77	cps
Cobalt	59-2	1767	1817	2057	1880	8.25	cps
Copper	63-2	3014	3107	2944	3021	2.71	cps
Dysprosium	156-1	467	442	483	464	4.52	cps
Dysprosium	156-2	237	270	293	267	10.68	cps
Erbium	164-1	458	575	592	542	13.41	cps
Erbium	164-2	333	290	307	310	7.05	cps
Gadolinium	160-1	700	575	533	603	14.39	cps
Gadolinium	160-2	453	437	397	429	6.79	cps
Holmium	165-1	10162085	9857824	10088692	10036200	1.58	cps
Holmium	165-2	5145010	5175797	5172344	5164384	0.33	cps
Indium	115-1	6844869	6917981	6903442	6888764	0.56	cps
Indium	115-2	1626267	1639726	1635726	1633906	0.42	cps
Iron	56-2	5435074	5442166	5364800	5414013	0.79	cps
Iron	57-2	136285	135771	135629	135895	0.25	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-16	Instrumnet Name :	P7
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 13:45:29	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	298223	299138	297916	298426	0.21	cps
Krypton	83-1	537	543	503	528	4.06	cps
Lead	206-1	5618	5818	5790	5742	1.89	cps
Lead	207-1	4879	4618	4829	4775	2.90	cps
Lead	208-1	21818	22191	22458	22156	1.45	cps
Lithium	6-1	2083848	2089274	2081426	2084849	0.19	cps
Magnesium	24-2	1488811	1493295	1470672	1484260	0.81	cps
Manganese	55-2	807411	808991	800904	805768	0.53	cps
Molybdenum	94-1	1750	1750	1875	1792	4.03	cps
Molybdenum	95-1	2259	2375	2134	2256	5.36	cps
Molybdenum	96-1	2700	2500	2709	2636	4.47	cps
Molybdenum	97-1	1500	1433	1442	1458	2.49	cps
Molybdenum	98-1	3826	3626	3842	3764	3.20	cps
Neodymium	150-1	700	607	707	671	8.33	cps
Neodymium	150-2	350	297	320	322	8.30	cps
Nickel	60-2	2197	2000	2090	2096	4.70	cps
Phosphorus	31-2	1117	1250	1133	1167	6.23	cps
Potassium	39-2	998775	993148	991080	994334	0.40	cps
Rhodium	103-1	5962595	6153126	6114928	6076883	1.66	cps
Rhodium	103-2	2982612	3006338	2988935	2992628	0.41	cps
Scandium	45-1	3762341	3800250	3787286	3783292	0.51	cps
Scandium	45-2	223249	221671	221003	221974	0.52	cps
Selenium	82-1	29	17	78	41	78.30	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	63	74	48	62	21.07	cps
Silicon	28-1	18696491	18532614	18667184	18632096	0.47	cps
Silver	107-1	142	100	100	114	21.12	cps
Silver	109-1	67	108	108	94	25.47	cps
Sodium	23-2	7898802	7851399	7688232	7812811	1.41	cps
Strontium	86-1	237204	241549	238151	238968	0.96	cps
Strontium	88-1	2076083	2091915	2118976	2095658	1.03	cps
Sulfur	34-1	632768	638596	630496	633953	0.66	cps
Terbium	159-1	9991279	10134585	10074295	10066720	0.71	cps
Terbium	159-2	5040758	5042986	5105620	5063121	0.73	cps
Thallium	203-1	167	158	192	172	10.07	cps
Thallium	205-1	367	467	450	428	12.52	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-16	Instrumnet Name :	P7
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 13:45:29	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	661	856	833	783	13.59	cps
Tin	118-1	1075	1108	1083	1089	1.59	cps
Titanium	47-1	2284	2467	2292	2347	4.41	cps
Uranium	238-1	1542	1517	1500	1520	1.38	cps
Vanadium	51-2	1660	1703	1427	1597	9.32	cps
Yttrium	89-1	10688276	10681820	10801803	10723966	0.63	cps
Yttrium	89-2	1895036	1917716	1898375	1903709	0.64	cps
Zinc	66-2	9387	9579	9453	9473	1.03	cps
Zirconium	90-1	1350	1951	1367	1556	22.01	cps
Zirconium	91-1	267	383	225	292	28.14	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-06	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(0.5)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 13:48:36	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	932343	935083	918506	928644	0.96	cps
Antimony	121-1	3153097	3213140	3204201	3190146	1.02	cps
Arsenic	75-2	106579	106002	105061	105881	0.72	cps
Barium	135-1	4149095	4222131	4237422	4202883	1.12	cps
Barium	137-1	7257627	7387673	7475761	7373687	1.49	cps
Beryllium	9-1	623737	619913	617590	620413	0.50	cps
Bismuth	209-1	6093250	6188227	6180551	6154009	0.86	cps
Bismuth	209-2	3473629	3511431	3495529	3493530	0.54	cps
Boron	10-1	108544	112195	113237	111325	2.21	cps
Boron	11-1	515126	517429	528255	520270	1.35	cps
Bromine	81-1	38043	42338	44335	41572	7.73	cps
Bromine	81-2	5076	5326	5367	5256	2.99	cps
Cadmium	111-1	845078	848066	843145	845430	0.29	cps
Cadmium	106-1	94656	98608	94907	96057	2.30	cps
Cadmium	108-1	66731	66052	66663	66482	0.56	cps
Calcium	43-1	1616269	1642898	1641914	1633694	0.92	cps
Calcium	44-1	24363885	24326449	24424921	24371752	0.20	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	943647	943069	932238	939651	0.68	cps
Cobalt	59-2	1516435	1508672	1500096	1508401	0.54	cps
Copper	63-2	11815580	11697045	11789706	11767444	0.53	cps
Dysprosium	156-1	1108	1325	933	1122	17.48	cps
Dysprosium	156-2	530	627	637	598	9.85	cps
Erbium	164-1	850	983	933	922	7.30	cps
Erbium	164-2	413	430	453	432	4.65	cps
Gadolinium	160-1	1017	1167	1008	1064	8.38	cps
Gadolinium	160-2	630	670	703	668	5.50	cps
Holmium	165-1	9169488	9254105	9198012	9207202	0.47	cps
Holmium	165-2	4724959	4744027	4718721	4729236	0.28	cps
Indium	115-1	6010750	6054348	6042553	6035884	0.37	cps
Indium	115-2	1409806	1414223	1408607	1410878	0.21	cps
Iron	56-2	50179975	49996865	49373747	49850196	0.85	cps
Iron	57-2	1267943	1262751	1252310	1261001	0.63	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-06	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(0.5)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 13:48:36	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	2814980	2799303	2789277	2801186	0.46	cps
Krypton	83-1	477	487	397	453	10.88	cps
Lead	206-1	17484621	17447801	17628165	17520196	0.54	cps
Lead	207-1	15524358	15609815	15511701	15548625	0.34	cps
Lead	208-1	70004390	70581224	70750279	70445298	0.56	cps
Lithium	6-1	1841200	1854049	1822006	1839085	0.88	cps
Magnesium	24-2	11874036	11701253	11582374	11719221	1.25	cps
Manganese	55-2	8465114	8452609	8427996	8448573	0.22	cps
Molybdenum	94-1	9362456	9421859	9394304	9392873	0.32	cps
Molybdenum	95-1	13005519	13345042	13202915	13184492	1.29	cps
Molybdenum	96-1	14232429	14717233	14706290	14551984	1.90	cps
Molybdenum	97-1	8253624	8325151	8385630	8321468	0.79	cps
Molybdenum	98-1	21332980	21494830	21584365	21470725	0.59	cps
Neodymium	150-1	1287	1473	1207	1322	10.35	cps
Neodymium	150-2	460	477	437	458	4.39	cps
Nickel	60-2	388187	383425	382317	384643	0.81	cps
Phosphorus	31-2	1533	1492	1508	1511	1.39	cps
Potassium	39-2	4794365	4751512	4779114	4774997	0.45	cps
Rhodium	103-1	5172601	5227895	5191508	5197335	0.54	cps
Rhodium	103-2	2551993	2549328	2540854	2547391	0.23	cps
Scandium	45-1	3323077	3321060	3330057	3324732	0.14	cps
Scandium	45-2	194029	192732	192486	193082	0.43	cps
Selenium	82-1	51744	51458	51144	51448	0.58	cps
Selenium	77-2	2987	2900	3060	2983	2.69	cps
Selenium	78-2	9970	10339	10317	10209	2.03	cps
Silicon	28-1	23656742	23747995	24157231	23853989	1.12	cps
Silver	107-1	3663389	4644522	3917630	4075180	12.49	cps
Silver	109-1	3706302	4295710	3569130	3857047	10.01	cps
Sodium	23-2	28812923	28596400	28433486	28614269	0.67	cps
Strontium	86-1	9745128	9784233	9718331	9749230	0.34	cps
Strontium	88-1	85174485	84404831	85133010	84904109	0.51	cps
Sulfur	34-1	899886	899880	883188	894318	1.08	cps
Terbium	159-1	9206202	9148244	9248144	9200863	0.55	cps
Terbium	159-2	4623592	4651791	4593460	4622948	0.63	cps
Thallium	203-1	3999380	4050008	4092739	4047376	1.15	cps
Thallium	205-1	9758428	9834690	9859612	9817577	0.54	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-06	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(0.5)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 13:48:36	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	4045	4056	3712	3938	4.97	cps
Tin	118-1	2827035	2837298	2833057	2832463	0.18	cps
Titanium	47-1	3514353	3534853	3522705	3523970	0.29	cps
Uranium	238-1	14808759	15037393	15302190	15049447	1.64	cps
Vanadium	51-2	787277	788546	779582	785135	0.62	cps
Yttrium	89-1	9598813	9482172	9523971	9534985	0.62	cps
Yttrium	89-2	1657683	1665608	1653807	1659033	0.36	cps
Zinc	66-2	1818431	1811660	1805733	1811941	0.35	cps
Zirconium	90-1	5012886	5059059	5037025	5036323	0.46	cps
Zirconium	91-1	1118025	1137470	1126949	1127482	0.86	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	CCV14	Instrumnet Name :	P7
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 13:52:41	DataFile Name :	033CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4506775	4448142	4340650	4431856	1.90	cps
Antimony	121-1	3277508	3283274	3277566	3279449	0.10	cps
Arsenic	75-2	115681	111506	109713	112300	2.73	cps
Barium	135-1	4060946	4026031	4043190	4043389	0.43	cps
Barium	137-1	7142848	7084274	7156230	7127784	0.54	cps
Beryllium	9-1	640913	640510	636856	639426	0.35	cps
Bismuth	209-1	6201017	6196163	6239610	6212264	0.38	cps
Bismuth	209-2	3488016	3503112	3488963	3493364	0.24	cps
Boron	10-1	85457	89379	88482	87773	2.34	cps
Boron	11-1	405700	413074	426046	414940	2.48	cps
Bromine	81-1	9462	9879	8719	9353	6.28	cps
Bromine	81-2	310	280	250	280	10.71	cps
Cadmium	111-1	900134	891699	894442	895425	0.48	cps
Cadmium	106-1	99598	100025	100403	100009	0.40	cps
Cadmium	108-1	68095	67534	67379	67670	0.56	cps
Calcium	43-1	4483035	4480142	4421710	4461629	0.78	cps
Calcium	44-1	66921324	67427610	66102243	66817059	1.00	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	992776	966943	954226	971315	2.02	cps
Cobalt	59-2	1560748	1526516	1503322	1530195	1.89	cps
Copper	63-2	11392700	11139250	10979716	11170555	1.86	cps
Dysprosium	156-1	908	858	908	892	3.24	cps
Dysprosium	156-2	497	557	530	528	5.70	cps
Erbium	164-1	217	242	233	231	5.52	cps
Erbium	164-2	130	167	133	143	14.15	cps
Gadolinium	160-1	1000	842	817	886	11.22	cps
Gadolinium	160-2	670	483	540	564	16.96	cps
Holmium	165-1	9636518	9600565	9621618	9619567	0.19	cps
Holmium	165-2	4917567	4917307	4870449	4901774	0.55	cps
Indium	115-1	6255585	6145538	6136340	6179154	1.07	cps
Indium	115-2	1481195	1445864	1432300	1453120	1.74	cps
Iron	56-2	222206661	214845577	212725649	216592629	2.30	cps
Iron	57-2	5607516	5475224	5413547	5498762	1.80	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	CCV14	Instrumnet Name :	P7
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 13:52:41	DataFile Name :	033CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	12006879	11714543	11516591	11746004	2.10	cps
Krypton	83-1	460	427	437	441	3.88	cps
Lead	206-1	17619766	17624176	17638461	17627468	0.06	cps
Lead	207-1	15556200	15462326	15560376	15526301	0.36	cps
Lead	208-1	70859491	70753252	70944481	70852408	0.14	cps
Lithium	6-1	1914400	1878903	1883135	1892146	1.02	cps
Magnesium	24-2	47451470	46807795	46235094	46831453	1.30	cps
Manganese	55-2	7180502	7044370	6937699	7054190	1.73	cps
Molybdenum	94-1	6364964	6275302	6216521	6285595	1.19	cps
Molybdenum	95-1	7598617	7589745	7489328	7559230	0.80	cps
Molybdenum	96-1	8531342	8507862	8401782	8480328	0.81	cps
Molybdenum	97-1	4858528	4871201	4817878	4849203	0.57	cps
Molybdenum	98-1	12406499	12394571	12259717	12353596	0.66	cps
Neodymium	150-1	527	500	580	536	7.61	cps
Neodymium	150-2	100	130	160	130	23.08	cps
Nickel	60-2	394289	385656	378554	386166	2.04	cps
Phosphorus	31-2	45486	43974	43681	44380	2.18	cps
Potassium	39-2	21682833	21367920	20858007	21302920	1.95	cps
Rhodium	103-1	5256475	5238241	5183471	5226062	0.73	cps
Rhodium	103-2	2624613	2572575	2547744	2581644	1.52	cps
Scandium	45-1	3451031	3433721	3391789	3425513	0.89	cps
Scandium	45-2	205740	202773	201098	203203	1.16	cps
Selenium	82-1	54681	54249	54572	54501	0.41	cps
Selenium	77-2	3350	3220	3364	3312	2.39	cps
Selenium	78-2	11154	10954	10737	10949	1.90	cps
Silicon	28-1	2187737	2214062	2253282	2218360	1.49	cps
Silver	107-1	3952749	3984164	3897443	3944785	1.11	cps
Silver	109-1	3841840	3789216	3825381	3818813	0.70	cps
Sodium	23-2	80441639	78644396	77527427	78871154	1.86	cps
Strontium	86-1	9728128	9797201	9664836	9730055	0.68	cps
Strontium	88-1	84958041	84660919	85039223	84886061	0.23	cps
Sulfur	34-1	572248	564801	556456	564502	1.40	cps
Terbium	159-1	9630930	9619250	9742168	9664116	0.70	cps
Terbium	159-2	4802923	4787367	4774684	4788325	0.30	cps
Thallium	203-1	4153366	4169280	4175145	4165930	0.27	cps
Thallium	205-1	10138571	10135572	10202739	10158960	0.37	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	CCV14	Instrumnet Name :	P7
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 13:52:41	DataFile Name :	033CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	16603317	16396551	16479893	16493254	0.63	cps
Tin	118-1	2825955	2816850	2807886	2816897	0.32	cps
Titanium	47-1	1994570	1977939	1961242	1977917	0.84	cps
Uranium	238-1	15726274	15617727	15744497	15696166	0.44	cps
Vanadium	51-2	842850	818911	801579	821113	2.52	cps
Yttrium	89-1	9933151	9832926	9766055	9844044	0.85	cps
Yttrium	89-2	1786180	1740022	1711912	1746038	2.15	cps
Zinc	66-2	1808948	1768701	1741609	1773086	1.91	cps
Zirconium	90-1	5399072	5376177	5336148	5370466	0.59	cps
Zirconium	91-1	1201742	1208863	1187803	1199469	0.89	cps

LB Number : LB116498 Operator : JASWAL
 Lab Sample ID : CCB14 Instrumnet Name : P7
 Client Sample ID : CCB14 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-24 13:59:21 DataFile Name : 034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	308	274	550	377	39.80	cps
Antimony	121-1	775	900	750	808	9.94	cps
Arsenic	75-2	13	2	9	8	70.51	cps
Barium	135-1	92	67	58	72	24.02	cps
Barium	137-1	183	175	150	169	10.24	cps
Beryllium	9-1	167	106	117	130	25.11	cps
Bismuth	209-1	6561561	6687447	6724074	6657694	1.28	cps
Bismuth	209-2	3857399	3901557	3848361	3869106	0.74	cps
Boron	10-1	2284	2225	2325	2278	2.21	cps
Boron	11-1	10362	11313	10512	10729	4.76	cps
Bromine	81-1	6051	7027	7227	6768	9.29	cps
Bromine	81-2	100	120	130	117	13.09	cps
Cadmium	111-1	2595	2603	2220	2472	8.85	cps
Cadmium	106-1	3651	3617	3075	3448	9.37	cps
Cadmium	108-1	33	42	29	35	18.33	cps
Calcium	43-1	117	225	167	169	32.00	cps
Calcium	44-1	6268	4759	5359	5462	13.91	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	673	763	637	691	9.43	cps
Cobalt	59-2	50	60	57	56	9.17	cps
Copper	63-2	993	920	887	933	5.85	cps
Dysprosium	156-1	0	25	17	14	91.65	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	42	8	17	22	78.07	cps
Erbium	164-2	63	27	27	39	54.42	cps
Gadolinium	160-1	100	42	75	72	40.52	cps
Gadolinium	160-2	83	110	137	110	24.25	cps
Holmium	165-1	9791767	9853763	9792910	9812814	0.36	cps
Holmium	165-2	5013784	5088147	5031832	5044588	0.77	cps
Indium	115-1	6900343	6778818	6875643	6851602	0.94	cps
Indium	115-2	1609511	1637249	1595008	1613923	1.33	cps
Iron	56-2	7442	7285	7063	7263	2.62	cps
Iron	57-2	156	183	217	185	16.52	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	CCB14	Instrumnet Name :	P7
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 13:59:21	DataFile Name :	034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	841	961	881	894	6.84	cps
Krypton	83-1	610	500	537	549	10.20	cps
Lead	206-1	1789	1522	1672	1661	8.05	cps
Lead	207-1	1300	1383	1489	1391	6.81	cps
Lead	208-1	6690	6484	6679	6617	1.75	cps
Lithium	6-1	2044880	2039475	2049102	2044486	0.24	cps
Magnesium	24-2	1192	1117	1017	1108	7.92	cps
Manganese	55-2	203	260	183	216	18.45	cps
Molybdenum	94-1	400	492	542	478	15.04	cps
Molybdenum	95-1	425	450	433	436	2.92	cps
Molybdenum	96-1	533	433	333	433	23.08	cps
Molybdenum	97-1	267	150	158	192	33.96	cps
Molybdenum	98-1	683	608	583	625	8.33	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	97	107	113	106	7.95	cps
Phosphorus	31-2	142	167	133	147	11.78	cps
Potassium	39-2	27577	29697	26291	27855	6.18	cps
Rhodium	103-1	6219095	6085884	6080291	6128424	1.28	cps
Rhodium	103-2	2940000	3017130	2923454	2960195	1.69	cps
Scandium	45-1	3838107	3650524	3708769	3732466	2.57	cps
Scandium	45-2	218737	226585	214513	219945	2.79	cps
Selenium	82-1	-54	30	-56	-27	-181.40	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	78	87	41	69	35.76	cps
Silicon	28-1	235321	202276	210172	215923	7.99	cps
Silver	107-1	608	1059	442	703	45.44	cps
Silver	109-1	642	275	4677	1865	131.00	cps
Sodium	23-2	25146	25756	23702	24868	4.24	cps
Strontium	86-1	1025	1025	975	1008	2.86	cps
Strontium	88-1	1934	1483	1909	1775	14.25	cps
Sulfur	34-1	323718	288587	297013	303106	6.05	cps
Terbium	159-1	9918030	9830679	9876067	9874925	0.44	cps
Terbium	159-2	4943271	4993921	4938597	4958596	0.62	cps
Thallium	203-1	967	942	1017	975	3.92	cps
Thallium	205-1	2242	2517	2359	2373	5.82	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	CCB14	Instrumnet Name :	P7
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 13:59:21	DataFile Name :	034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	517	661	533	570	13.86	cps
Tin	118-1	733	808	650	731	10.84	cps
Titanium	47-1	92	133	67	97	34.64	cps
Uranium	238-1	300	300	267	289	6.66	cps
Vanadium	51-2	3	20	27	17	72.13	cps
Yttrium	89-1	10713870	10527505	10648662	10630012	0.89	cps
Yttrium	89-2	1866857	1904656	1834849	1868787	1.87	cps
Zinc	66-2	239	278	205	241	15.23	cps
Zirconium	90-1	675	683	792	717	9.08	cps
Zirconium	91-1	233	142	167	181	26.24	cps

LB Number : LB116498 Operator : JASWAL
 Lab Sample ID : PB139327BL Instrumnet Name : P7
 Client Sample ID : PB139327BL Dilution Factor : 1
 Date & Time Acquired :: 2021-09-24 14:02:29 DataFile Name : 035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	91	108	275	158	64.23	cps
Antimony	121-1	300	383	392	358	14.15	cps
Arsenic	75-2	15	0	2	6	145.31	cps
Barium	135-1	67	33	33	44	43.31	cps
Barium	137-1	25	50	50	42	34.64	cps
Beryllium	9-1	144	106	139	130	16.22	cps
Bismuth	209-1	6662566	6717221	6769343	6716377	0.79	cps
Bismuth	209-2	3878202	3907537	3892683	3892808	0.38	cps
Boron	10-1	1950	2150	1984	2028	5.28	cps
Boron	11-1	9562	9828	9320	9570	2.66	cps
Bromine	81-1	6610	6568	7419	6866	6.98	cps
Bromine	81-2	30	130	90	83	60.40	cps
Cadmium	111-1	2821	2607	2611	2680	4.58	cps
Cadmium	106-1	4009	3734	3717	3820	4.29	cps
Cadmium	108-1	50	46	58	51	12.39	cps
Calcium	43-1	125	108	125	119	8.05	cps
Calcium	44-1	4184	4101	4084	4123	1.30	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	540	570	543	551	2.98	cps
Cobalt	59-2	37	47	33	39	17.85	cps
Copper	63-2	647	647	650	648	0.30	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	83	50	75	69	24.98	cps
Erbium	164-2	37	23	20	27	33.08	cps
Gadolinium	160-1	42	50	25	39	32.73	cps
Gadolinium	160-2	120	107	90	106	14.24	cps
Holmium	165-1	9882860	9825674	9741765	9816766	0.72	cps
Holmium	165-2	5021312	5111048	5078409	5070256	0.90	cps
Indium	115-1	6931380	6846067	6772104	6849850	1.16	cps
Indium	115-2	1604221	1628105	1630739	1621022	0.90	cps
Iron	56-2	3584	3951	3895	3810	5.19	cps
Iron	57-2	206	122	94	141	41.08	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	PB139327BL	Instrumnet Name :	P7
Client Sample ID :	PB139327BL	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 14:02:29	DataFile Name :	035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	511	621	801	644	22.76	cps
Krypton	83-1	520	470	500	497	5.07	cps
Lead	206-1	1389	1745	1456	1530	12.36	cps
Lead	207-1	1039	1322	1295	1219	12.82	cps
Lead	208-1	5367	5956	5673	5665	5.20	cps
Lithium	6-1	2048114	2038776	2036887	2041259	0.29	cps
Magnesium	24-2	467	583	458	503	13.90	cps
Manganese	55-2	63	127	67	86	41.66	cps
Molybdenum	94-1	300	317	300	306	3.15	cps
Molybdenum	95-1	92	150	133	125	24.04	cps
Molybdenum	96-1	267	192	217	225	16.97	cps
Molybdenum	97-1	75	117	108	100	22.05	cps
Molybdenum	98-1	258	150	242	217	26.92	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	120	93	87	100	17.64	cps
Phosphorus	31-2	125	142	208	158	27.85	cps
Potassium	39-2	26824	26340	27142	26769	1.51	cps
Rhodium	103-1	6162910	6185773	5949120	6099268	2.14	cps
Rhodium	103-2	2960426	2997683	2985125	2981078	0.64	cps
Scandium	45-1	3744115	3716551	3684155	3714940	0.81	cps
Scandium	45-2	217443	220417	220726	219529	0.83	cps
Selenium	82-1	-9	-2	21	3	469.90	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	69	63	59	64	7.33	cps
Silicon	28-1	201554	198178	198621	199451	0.92	cps
Silver	107-1	400	158	217	258	48.82	cps
Silver	109-1	208	192	183	194	6.55	cps
Sodium	23-2	19229	19672	20306	19736	2.74	cps
Strontium	86-1	917	917	833	889	5.41	cps
Strontium	88-1	467	550	433	483	12.43	cps
Sulfur	34-1	306690	298682	301110	302161	1.36	cps
Terbium	159-1	10022056	9883368	9958218	9954547	0.70	cps
Terbium	159-2	4969732	4975867	4964225	4969941	0.12	cps
Thallium	203-1	642	625	442	569	19.49	cps
Thallium	205-1	1483	1667	1508	1553	6.40	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	PB139327BL	Instrumnet Name :	P7
Client Sample ID :	PB139327BL	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 14:02:29	DataFile Name :	035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	283	233	233	250	11.55	cps
Tin	118-1	650	658	633	647	1.97	cps
Titanium	47-1	67	58	58	61	7.87	cps
Uranium	238-1	108	50	142	100	46.40	cps
Vanadium	51-2	0	20	7	9	114.55	cps
Yttrium	89-1	10624274	10659503	10519566	10601114	0.69	cps
Yttrium	89-2	1864462	1873517	1889459	1875813	0.67	cps
Zinc	66-2	249	222	192	221	12.79	cps
Zirconium	90-1	700	658	808	722	10.72	cps
Zirconium	91-1	133	142	108	128	13.57	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	PB139327BS	Instrumnet Name :	P7
Client Sample ID :	PB139327BS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 14:05:39	DataFile Name :	036LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	880570	859048	887861	875826	1.71	cps
Antimony	121-1	3306420	3285476	3259019	3283638	0.72	cps
Arsenic	75-2	104257	103640	106111	104669	1.23	cps
Barium	135-1	4027087	4005111	3978271	4003490	0.61	cps
Barium	137-1	7140835	7092860	6975425	7069707	1.20	cps
Beryllium	9-1	649527	640467	633356	641117	1.26	cps
Bismuth	209-1	6427732	6426573	6462955	6439087	0.32	cps
Bismuth	209-2	3635622	3604329	3637289	3625747	0.51	cps
Boron	10-1	84921	84392	85667	84993	0.75	cps
Boron	11-1	388297	397632	405225	397051	2.14	cps
Bromine	81-1	6185	5785	6201	6057	3.90	cps
Bromine	81-2	70	70	70	70	0.00	cps
Cadmium	111-1	890360	882744	877920	883675	0.71	cps
Cadmium	106-1	101402	99849	98424	99892	1.49	cps
Cadmium	108-1	67333	67597	66605	67178	0.76	cps
Calcium	43-1	925221	903854	896203	908426	1.66	cps
Calcium	44-1	13894228	13534133	13396510	13608290	1.89	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	947389	934429	960016	947278	1.35	cps
Cobalt	59-2	1530721	1506709	1540951	1526127	1.15	cps
Copper	63-2	10993812	10777859	10955131	10908934	1.06	cps
Dysprosium	156-1	267	250	333	283	15.56	cps
Dysprosium	156-2	153	150	187	163	12.41	cps
Erbium	164-1	158	158	133	150	9.62	cps
Erbium	164-2	70	63	67	67	5.00	cps
Gadolinium	160-1	308	317	258	294	10.72	cps
Gadolinium	160-2	283	253	197	244	18.01	cps
Holmium	165-1	9609601	9677252	9660776	9649210	0.37	cps
Holmium	165-2	4839974	4815980	4875313	4843756	0.62	cps
Indium	115-1	6456337	6311642	6294963	6354314	1.40	cps
Indium	115-2	1453045	1438722	1464653	1452140	0.89	cps
Iron	56-2	43179709	42453187	43542319	43058405	1.29	cps
Iron	57-2	1087980	1079585	1102525	1090030	1.06	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	PB139327BS	Instrumnet Name :	P7
Client Sample ID :	PB139327BS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 14:05:39	DataFile Name :	036LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	2461657	2401325	2477302	2446761	1.64	cps
Krypton	83-1	450	450	513	471	7.76	cps
Lead	206-1	18023305	17782933	17809476	17871905	0.74	cps
Lead	207-1	15824422	15785690	15711320	15773811	0.36	cps
Lead	208-1	72185605	71462642	71928094	71858780	0.51	cps
Lithium	6-1	1944469	1912393	1893440	1916767	1.35	cps
Magnesium	24-2	9242446	9125092	9323685	9230408	1.08	cps
Manganese	55-2	6708292	6596856	6756574	6687240	1.22	cps
Molybdenum	94-1	6318402	6195960	6141601	6218654	1.46	cps
Molybdenum	95-1	7658192	7515591	7358877	7510887	1.99	cps
Molybdenum	96-1	8498309	8403309	8255536	8385718	1.46	cps
Molybdenum	97-1	4834764	4781318	4698744	4771609	1.44	cps
Molybdenum	98-1	12427863	12269379	11848537	12181926	2.46	cps
Neodymium	150-1	347	367	460	391	15.47	cps
Neodymium	150-2	113	70	70	84	29.63	cps
Nickel	60-2	389261	386410	393068	389580	0.86	cps
Phosphorus	31-2	42595	43313	43397	43102	1.02	cps
Potassium	39-2	4511869	4413731	4547950	4491183	1.55	cps
Rhodium	103-1	5536433	5439257	5382714	5452801	1.43	cps
Rhodium	103-2	2642094	2613853	2650547	2635498	0.73	cps
Scandium	45-1	3483150	3401656	3369872	3418226	1.71	cps
Scandium	45-2	197409	194234	201957	197867	1.96	cps
Selenium	82-1	53993	53638	53934	53855	0.35	cps
Selenium	77-2	3264	3020	3060	3115	4.19	cps
Selenium	78-2	10708	10430	10845	10661	1.98	cps
Silicon	28-1	2170570	2219369	2215637	2201859	1.23	cps
Silver	107-1	4077428	4046037	4021490	4048318	0.69	cps
Silver	109-1	3979814	3907701	3899853	3929123	1.12	cps
Sodium	23-2	15471666	15416290	15789511	15559156	1.29	cps
Strontium	86-1	9800902	9615274	9443672	9619949	1.86	cps
Strontium	88-1	85493879	83944537	82902073	84113496	1.55	cps
Sulfur	34-1	581547	572328	558656	570844	2.02	cps
Terbium	159-1	9742315	9550132	9688237	9660228	1.03	cps
Terbium	159-2	4706341	4674247	4744718	4708436	0.75	cps
Thallium	203-1	4142201	4178873	4176045	4165706	0.49	cps
Thallium	205-1	10233792	10183972	10268072	10228612	0.41	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	PB139327BS	Instrumnet Name :	P7
Client Sample ID :	PB139327BS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 14:05:39	DataFile Name :	036LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	16275248	16025989	16125193	16142143	0.78	cps
Tin	118-1	2838646	2812769	2799872	2817096	0.70	cps
Titanium	47-1	1987933	1942717	1902048	1944233	2.21	cps
Uranium	238-1	15433151	15278561	15355846	15355853	0.50	cps
Vanadium	51-2	788502	776262	794127	786297	1.16	cps
Yttrium	89-1	10023415	9802115	9678856	9834795	1.78	cps
Yttrium	89-2	1702671	1677385	1705835	1695297	0.92	cps
Zinc	66-2	1728667	1714822	1739916	1727802	0.73	cps
Zirconium	90-1	5302706	5203940	5188308	5231652	1.19	cps
Zirconium	91-1	1184836	1170730	1161885	1172484	0.99	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-07	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(0.5)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 14:08:38	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	875611	882377	901933	886640	1.54	cps
Antimony	121-1	3116662	3097710	3124692	3113021	0.45	cps
Arsenic	75-2	102226	104430	106970	104542	2.27	cps
Barium	135-1	4095468	4063603	4091055	4083375	0.42	cps
Barium	137-1	7195074	7167866	7153438	7172126	0.29	cps
Beryllium	9-1	600376	590222	595182	595260	0.85	cps
Bismuth	209-1	6040625	6173159	6177379	6130388	1.27	cps
Bismuth	209-2	3444151	3484619	3492091	3473620	0.74	cps
Boron	10-1	105364	108955	111013	108444	2.64	cps
Boron	11-1	490582	512271	518955	507269	2.92	cps
Bromine	81-1	35979	43474	49502	42985	15.76	cps
Bromine	81-2	6188	6048	6789	6341	6.21	cps
Cadmium	111-1	823093	827799	822975	824622	0.33	cps
Cadmium	106-1	92265	91049	94312	92542	1.78	cps
Cadmium	108-1	64047	64788	64420	64419	0.57	cps
Calcium	43-1	1557098	1532097	1559335	1549510	0.98	cps
Calcium	44-1	23310913	23033924	23300590	23215142	0.68	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	896603	922664	940481	919916	2.40	cps
Cobalt	59-2	1443799	1477107	1499230	1473379	1.89	cps
Copper	63-2	11270192	11550840	11628063	11483032	1.64	cps
Dysprosium	156-1	642	717	742	700	7.43	cps
Dysprosium	156-2	367	423	357	382	9.40	cps
Erbium	164-1	483	650	617	583	15.12	cps
Erbium	164-2	243	323	293	287	14.10	cps
Gadolinium	160-1	758	658	675	697	7.68	cps
Gadolinium	160-2	437	497	513	482	8.36	cps
Holmium	165-1	9015599	9203264	9149257	9122707	1.06	cps
Holmium	165-2	4648352	4726022	4716670	4697014	0.90	cps
Indium	115-1	5914655	5954679	5935080	5934804	0.34	cps
Indium	115-2	1388472	1408738	1414036	1403749	0.96	cps
Iron	56-2	45971487	47035700	47252402	46753196	1.47	cps
Iron	57-2	1165663	1193365	1211332	1190120	1.93	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-07	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(0.5)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 14:08:38	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	2596538	2654088	2711369	2653998	2.16	cps
Krypton	83-1	417	533	417	456	14.79	cps
Lead	206-1	17218866	17361059	17240895	17273607	0.44	cps
Lead	207-1	15410492	15650646	15395885	15485675	0.92	cps
Lead	208-1	69124236	70447811	69895478	69822509	0.95	cps
Lithium	6-1	1796593	1789682	1800703	1795659	0.31	cps
Magnesium	24-2	11381767	11512848	11677749	11524122	1.29	cps
Manganese	55-2	8159474	8221955	8381244	8254224	1.39	cps
Molybdenum	94-1	9757814	9680822	9670967	9703201	0.49	cps
Molybdenum	95-1	14035954	13859623	13825596	13907058	0.81	cps
Molybdenum	96-1	15374208	15250461	15128751	15251140	0.80	cps
Molybdenum	97-1	8800369	8673362	8767552	8747094	0.75	cps
Molybdenum	98-1	22548117	22404637	22722235	22558330	0.71	cps
Neodymium	150-1	1033	840	813	896	13.41	cps
Neodymium	150-2	240	287	257	261	9.06	cps
Nickel	60-2	366714	379264	384702	376893	2.45	cps
Phosphorus	31-2	1158	1167	1475	1267	14.25	cps
Potassium	39-2	4893191	4713682	4719899	4775591	2.13	cps
Rhodium	103-1	5050377	5071038	5074891	5065435	0.26	cps
Rhodium	103-2	2499925	2537594	2557186	2531568	1.15	cps
Scandium	45-1	3213422	3171814	3222104	3202447	0.84	cps
Scandium	45-2	187358	192489	194593	191480	1.94	cps
Selenium	82-1	49656	49828	49501	49661	0.33	cps
Selenium	77-2	2917	2920	2910	2916	0.17	cps
Selenium	78-2	9896	9700	10063	9886	1.84	cps
Silicon	28-1	21508963	21014710	21494125	21339266	1.32	cps
Silver	107-1	3849058	3004642	4451306	3768335	19.28	cps
Silver	109-1	3514214	3108087	3605745	3409349	7.77	cps
Sodium	23-2	27698026	28200814	28847111	28248650	2.04	cps
Strontium	86-1	9430538	9269741	9337674	9345984	0.86	cps
Strontium	88-1	82039654	81584008	82070296	81897986	0.33	cps
Sulfur	34-1	853753	844329	851046	849710	0.57	cps
Terbium	159-1	9021147	9249508	9169211	9146622	1.27	cps
Terbium	159-2	4541976	4592627	4609645	4581416	0.77	cps
Thallium	203-1	3903123	4012189	3970812	3962041	1.39	cps
Thallium	205-1	9628956	9829688	9792664	9750436	1.10	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-07	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(0.5)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 14:08:38	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	6863	5979	5184	6009	13.97	cps
Tin	118-1	2741978	2746624	2739351	2742651	0.13	cps
Titanium	47-1	3379261	3319445	3344766	3347824	0.90	cps
Uranium	238-1	15035531	15282955	15113545	15144010	0.84	cps
Vanadium	51-2	746816	774538	782141	767831	2.42	cps
Yttrium	89-1	9312729	9255868	9327189	9298595	0.41	cps
Yttrium	89-2	1618701	1659420	1670973	1649698	1.66	cps
Zinc	66-2	1789129	1845814	1859977	1831640	2.05	cps
Zirconium	90-1	4847674	4809566	4824289	4827176	0.40	cps
Zirconium	91-1	1082583	1081989	1080145	1081572	0.12	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-05A	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(0.5)A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 14:11:39	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	896331	896753	895322	896135	0.08	cps
Antimony	121-1	3127404	3165949	3121826	3138393	0.77	cps
Arsenic	75-2	101664	102983	102051	102233	0.66	cps
Barium	135-1	4109345	4139291	4117565	4122067	0.38	cps
Barium	137-1	7266829	7350301	7319541	7312223	0.58	cps
Beryllium	9-1	596579	605963	588814	597119	1.44	cps
Bismuth	209-1	6085795	6151360	6204231	6147129	0.97	cps
Bismuth	209-2	3449090	3447919	3472130	3456380	0.39	cps
Boron	10-1	109468	112859	113800	112042	2.03	cps
Boron	11-1	519190	525500	544432	529707	2.48	cps
Bromine	81-1	42998	47671	49076	46581	6.83	cps
Bromine	81-2	5927	5777	6088	5931	2.62	cps
Cadmium	111-1	822891	828016	832174	827693	0.56	cps
Cadmium	106-1	91401	92919	94505	92942	1.67	cps
Cadmium	108-1	64215	65248	64851	64771	0.80	cps
Calcium	43-1	1561497	1578181	1561866	1567181	0.61	cps
Calcium	44-1	23567640	23550160	23485000	23534267	0.19	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	906140	907828	913089	909019	0.40	cps
Cobalt	59-2	1451185	1458409	1467688	1459094	0.57	cps
Copper	63-2	11391567	11453057	11523519	11456047	0.58	cps
Dysprosium	156-1	992	1050	1108	1050	5.56	cps
Dysprosium	156-2	520	567	527	538	4.69	cps
Erbium	164-1	850	725	800	792	7.95	cps
Erbium	164-2	460	363	417	413	11.71	cps
Gadolinium	160-1	925	992	917	945	4.35	cps
Gadolinium	160-2	520	607	650	592	11.18	cps
Holmium	165-1	9044091	9307550	9204888	9185510	1.45	cps
Holmium	165-2	4664642	4634990	4663357	4654330	0.36	cps
Indium	115-1	5892926	5929937	5909319	5910727	0.31	cps
Indium	115-2	1374141	1374619	1394258	1381006	0.83	cps
Iron	56-2	47786322	47239734	47946632	47657563	0.78	cps
Iron	57-2	1207143	1194277	1210964	1204128	0.73	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-05A	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(0.5)A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 14:11:39	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	2695788	2684149	2711181	2697039	0.50	cps
Krypton	83-1	473	497	443	471	5.68	cps
Lead	206-1	17595143	17526104	17681505	17600917	0.44	cps
Lead	207-1	15557472	15633220	15751685	15647459	0.63	cps
Lead	208-1	70372868	70784506	71076246	70744540	0.50	cps
Lithium	6-1	1799891	1813233	1801991	1805038	0.40	cps
Magnesium	24-2	11455292	11419971	11436094	11437119	0.15	cps
Manganese	55-2	8268510	8201262	8235528	8235100	0.41	cps
Molybdenum	94-1	9473642	9462469	9301043	9412385	1.03	cps
Molybdenum	95-1	13298813	13308466	13225772	13277683	0.34	cps
Molybdenum	96-1	14634864	14646404	14499448	14593572	0.56	cps
Molybdenum	97-1	8390361	8359516	8222563	8324147	1.07	cps
Molybdenum	98-1	21656470	21425639	21579121	21553743	0.55	cps
Neodymium	150-1	1120	1200	1007	1109	8.76	cps
Neodymium	150-2	357	387	300	348	12.66	cps
Nickel	60-2	370072	373018	376648	373246	0.88	cps
Phosphorus	31-2	1592	1558	1408	1520	6.43	cps
Potassium	39-2	4950971	4729308	4985941	4888740	2.85	cps
Rhodium	103-1	5037833	5077698	5052581	5056038	0.40	cps
Rhodium	103-2	2474519	2479571	2514374	2489488	0.87	cps
Scandium	45-1	3204177	3235303	3186700	3208727	0.77	cps
Scandium	45-2	188708	187013	187941	187888	0.45	cps
Selenium	82-1	49735	49498	49976	49736	0.48	cps
Selenium	77-2	2917	2820	2894	2877	1.75	cps
Selenium	78-2	9659	9811	9659	9709	0.90	cps
Silicon	28-1	22402223	22855720	22602167	22620036	1.00	cps
Silver	107-1	3616414	4127637	3387920	3710657	10.21	cps
Silver	109-1	3336691	3462514	3433333	3410846	1.93	cps
Sodium	23-2	27905360	28053916	28322242	28093840	0.75	cps
Strontium	86-1	9532818	9504072	9423318	9486736	0.60	cps
Strontium	88-1	82230314	83705698	82602637	82846216	0.93	cps
Sulfur	34-1	847893	850126	844202	847407	0.35	cps
Terbium	159-1	9173505	9313396	9249287	9245396	0.76	cps
Terbium	159-2	4503581	4532761	4542090	4526144	0.44	cps
Thallium	203-1	3980905	4041243	4028636	4016928	0.79	cps
Thallium	205-1	9900609	9754091	9806947	9820549	0.76	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-05A	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(0.5)A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 14:11:39	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	3873	4206	3795	3958	5.52	cps
Tin	118-1	2742185	2780451	2785233	2769289	0.85	cps
Titanium	47-1	3376812	3418784	3361803	3385800	0.87	cps
Uranium	238-1	15009289	15389680	15232094	15210354	1.26	cps
Vanadium	51-2	756357	756171	758174	756901	0.15	cps
Yttrium	89-1	9267882	9358848	9342106	9322945	0.52	cps
Yttrium	89-2	1610100	1608215	1631248	1616521	0.79	cps
Zinc	66-2	1777637	1771915	1784763	1778105	0.36	cps
Zirconium	90-1	4846695	4911703	4842620	4867006	0.80	cps
Zirconium	91-1	1094053	1093204	1078586	1088615	0.80	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3752-01	Instrumnet Name :	P7
Client Sample ID :	FB-1P	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 14:14:51	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2639041	2683702	2707501	2676748	1.30	cps
Antimony	121-1	16644	17386	17044	17025	2.18	cps
Arsenic	75-2	4591	4516	4747	4618	2.56	cps
Barium	135-1	252611	259823	256018	256150	1.41	cps
Barium	137-1	449816	449894	449132	449614	0.09	cps
Beryllium	9-1	2528	2750	2817	2698	5.61	cps
Bismuth	209-1	6732606	6682108	7043984	6819566	2.87	cps
Bismuth	209-2	3742660	3831063	3869939	3814554	1.71	cps
Boron	10-1	28319	27542	29496	28452	3.46	cps
Boron	11-1	136411	132668	139650	136243	2.56	cps
Bromine	81-1	24129	23277	23011	23472	2.49	cps
Bromine	81-2	2032	1822	2102	1986	7.35	cps
Cadmium	111-1	6656	6538	6389	6527	2.05	cps
Cadmium	106-1	4809	4601	4526	4645	3.16	cps
Cadmium	108-1	338	292	400	343	15.85	cps
Calcium	43-1	1147413	1163297	1171145	1160618	1.04	cps
Calcium	44-1	17470111	17653244	17618682	17580679	0.55	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	234464	234629	238008	235700	0.85	cps
Cobalt	59-2	116625	117243	118869	117579	0.99	cps
Copper	63-2	510692	516394	526638	517908	1.56	cps
Dysprosium	156-1	88064	86404	88998	87822	1.50	cps
Dysprosium	156-2	43756	44508	44565	44277	1.02	cps
Erbium	164-1	88703	88645	87999	88449	0.44	cps
Erbium	164-2	45081	45536	45475	45364	0.54	cps
Gadolinium	160-1	84954	85265	86322	85514	0.84	cps
Gadolinium	160-2	46940	47606	48265	47603	1.39	cps
Holmium	165-1	9959178	9803224	9752059	9838154	1.10	cps
Holmium	165-2	5060748	5117638	5177986	5118790	1.15	cps
Indium	115-1	6569009	6624111	6561653	6584924	0.52	cps
Indium	115-2	1541690	1568125	1587551	1565788	1.47	cps
Iron	56-2	114124475	114391205	116411858	114975846	1.09	cps
Iron	57-2	2882746	2905594	2948753	2912364	1.15	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3752-01	Instrumnet Name :	P7
Client Sample ID :	FB-1P	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 14:14:51	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	6165639	6146301	6278205	6196715	1.15	cps
Krypton	83-1	550	583	607	580	4.91	cps
Lead	206-1	1976814	1978839	1970669	1975441	0.22	cps
Lead	207-1	1667436	1651979	1660482	1659966	0.47	cps
Lead	208-1	7764360	7698738	7738894	7733997	0.43	cps
Lithium	6-1	1980617	1974973	1923073	1959554	1.62	cps
Magnesium	24-2	3147478	3166823	3219046	3177783	1.17	cps
Manganese	55-2	3097608	3123035	3170931	3130525	1.19	cps
Molybdenum	94-1	26276	27477	27678	27144	2.79	cps
Molybdenum	95-1	14057	14191	14624	14291	2.08	cps
Molybdenum	96-1	18345	19522	19347	19072	3.33	cps
Molybdenum	97-1	9245	9095	9670	9337	3.20	cps
Molybdenum	98-1	23077	23295	22785	23052	1.11	cps
Neodymium	150-1	112750	114610	112293	113218	1.08	cps
Neodymium	150-2	47585	49231	49669	48828	2.25	cps
Nickel	60-2	102098	104076	104472	103549	1.23	cps
Phosphorus	31-2	8061	7577	8011	7883	3.37	cps
Potassium	39-2	1372518	1359239	1377029	1369595	0.68	cps
Rhodium	103-1	5636902	5723008	5764355	5708088	1.14	cps
Rhodium	103-2	2807297	2835081	2867710	2836696	1.07	cps
Scandium	45-1	3652738	3741881	3719534	3704718	1.25	cps
Scandium	45-2	216166	217498	220065	217910	0.91	cps
Selenium	82-1	143	118	91	117	22.09	cps
Selenium	77-2	103	127	110	113	10.61	cps
Selenium	78-2	148	159	143	150	5.66	cps
Silicon	28-1	153130912	164647712	155961724	157913449	3.80	cps
Silver	107-1	10696	35011	9821	18509	77.25	cps
Silver	109-1	33968	23904	10009	22627	53.17	cps
Sodium	23-2	1567971	1570394	1594958	1577774	0.95	cps
Strontium	86-1	652944	657224	656699	655622	0.36	cps
Strontium	88-1	5736279	5847658	5833599	5805846	1.04	cps
Sulfur	34-1	300535	310844	317773	309717	2.80	cps
Terbium	159-1	10037677	9917166	10064960	10006601	0.79	cps
Terbium	159-2	4916120	5007768	5033757	4985882	1.24	cps
Thallium	203-1	6660	5918	5943	6174	6.83	cps
Thallium	205-1	14817	14141	13624	14194	4.21	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3752-01	Instrumnet Name :	P7
Client Sample ID :	FB-1P	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 14:14:51	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	179645	183945	181221	181604	1.20	cps
Tin	118-1	22010	22919	22001	22310	2.36	cps
Titanium	47-1	832779	835029	910083	859297	5.12	cps
Uranium	238-1	74948	75669	73340	74652	1.60	cps
Vanadium	51-2	165748	169895	170792	168812	1.59	cps
Yttrium	89-1	11226372	11246195	11207837	11226801	0.17	cps
Yttrium	89-2	1962791	1983612	2025783	1990729	1.61	cps
Zinc	66-2	280255	283413	286800	283489	1.15	cps
Zirconium	90-1	51908	57773	54293	54658	5.40	cps
Zirconium	91-1	26494	11605	29057	22386	42.10	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	CCV15	Instrumnet Name :	P7
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 14:23:47	DataFile Name :	040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4261303	4222012	4300533	4261283	0.92	cps
Antimony	121-1	3212927	3221518	3255351	3229932	0.69	cps
Arsenic	75-2	109343	107862	109428	108878	0.81	cps
Barium	135-1	3990866	3973899	3988737	3984501	0.23	cps
Barium	137-1	7052205	6953094	6988060	6997786	0.72	cps
Beryllium	9-1	621187	623364	620645	621732	0.23	cps
Bismuth	209-1	6126349	6165578	6151262	6147730	0.32	cps
Bismuth	209-2	3547634	3415491	3419497	3460874	2.17	cps
Boron	10-1	87184	90470	87678	88444	2.00	cps
Boron	11-1	411168	417486	412043	413566	0.83	cps
Bromine	81-1	6293	6101	5443	5946	7.50	cps
Bromine	81-2	140	80	100	107	28.65	cps
Cadmium	111-1	892383	892067	888471	890974	0.24	cps
Cadmium	106-1	101125	101561	100453	101046	0.55	cps
Cadmium	108-1	67873	67635	65747	67085	1.74	cps
Calcium	43-1	4368853	4367764	4424374	4386997	0.74	cps
Calcium	44-1	65543449	65999951	66073099	65872167	0.44	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	938301	929376	944598	937425	0.82	cps
Cobalt	59-2	1491530	1475255	1485426	1484071	0.55	cps
Copper	63-2	10927166	10766603	10872959	10855576	0.75	cps
Dysprosium	156-1	883	958	1067	970	9.51	cps
Dysprosium	156-2	487	497	530	504	4.50	cps
Erbium	164-1	250	250	333	278	17.32	cps
Erbium	164-2	150	103	127	127	18.42	cps
Gadolinium	160-1	1108	908	908	975	11.84	cps
Gadolinium	160-2	553	547	553	551	0.70	cps
Holmium	165-1	9454525	9481811	9589253	9508530	0.75	cps
Holmium	165-2	4992332	4791917	4803355	4862535	2.31	cps
Indium	115-1	6025154	6094632	6083870	6067885	0.62	cps
Indium	115-2	1481210	1409043	1416179	1435477	2.77	cps
Iron	56-2	212888833	210479555	211352599	211573662	0.58	cps
Iron	57-2	5372899	5314676	5367906	5351827	0.60	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	CCV15	Instrumnet Name :	P7
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 14:23:47	DataFile Name :	040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	11439399	11289279	11415095	11381257	0.71	cps
Krypton	83-1	400	523	463	462	13.34	cps
Lead	206-1	17692604	17486731	17432377	17537237	0.78	cps
Lead	207-1	15567711	15456454	15395822	15473329	0.56	cps
Lead	208-1	70859630	70634495	70281629	70591918	0.41	cps
Lithium	6-1	1825987	1834943	1831088	1830673	0.25	cps
Magnesium	24-2	45287120	45000531	45613628	45300426	0.68	cps
Manganese	55-2	6925244	6770279	6850835	6848786	1.13	cps
Molybdenum	94-1	6259396	6259957	6235649	6251668	0.22	cps
Molybdenum	95-1	7578197	7533481	7595644	7569107	0.42	cps
Molybdenum	96-1	8357609	8420644	8397547	8391933	0.38	cps
Molybdenum	97-1	4761709	4794296	4822156	4792720	0.63	cps
Molybdenum	98-1	12347683	12100861	12187629	12212058	1.03	cps
Neodymium	150-1	427	500	433	453	8.95	cps
Neodymium	150-2	123	103	130	119	11.68	cps
Nickel	60-2	374546	371613	373486	373215	0.40	cps
Phosphorus	31-2	43204	41633	43514	42784	2.36	cps
Potassium	39-2	20697273	20521414	20861887	20693525	0.82	cps
Rhodium	103-1	5103774	5100260	5160550	5121528	0.66	cps
Rhodium	103-2	2622877	2496060	2516809	2545249	2.67	cps
Scandium	45-1	3340130	3355108	3393221	3362820	0.81	cps
Scandium	45-2	204760	197510	196831	199700	2.20	cps
Selenium	82-1	54844	54278	53819	54314	0.95	cps
Selenium	77-2	3164	3117	3297	3193	2.93	cps
Selenium	78-2	11134	10813	10795	10914	1.75	cps
Silicon	28-1	2114511	2160329	2200218	2158353	1.99	cps
Silver	107-1	3906158	3902249	3884674	3897694	0.29	cps
Silver	109-1	3749662	3780331	3748557	3759516	0.48	cps
Sodium	23-2	76125116	75593954	76125970	75948347	0.40	cps
Strontium	86-1	9637594	9643673	9595598	9625621	0.27	cps
Strontium	88-1	84354287	84791033	83788848	84311389	0.60	cps
Sulfur	34-1	559120	564282	567774	563725	0.77	cps
Terbium	159-1	9505199	9594315	9430663	9510059	0.86	cps
Terbium	159-2	4883854	4679147	4661795	4741599	2.60	cps
Thallium	203-1	4110587	4115809	4084868	4103755	0.40	cps
Thallium	205-1	10149645	10026034	9973488	10049722	0.90	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	CCV15	Instrumnet Name :	P7
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 14:23:47	DataFile Name :	040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	16671587	16316763	16560658	16516336	1.10	cps
Tin	118-1	2787442	2792960	2757099	2779167	0.69	cps
Titanium	47-1	1936585	1950577	1957230	1948131	0.54	cps
Uranium	238-1	15757658	15465709	15557593	15593653	0.96	cps
Vanadium	51-2	791055	783081	798323	790819	0.96	cps
Yttrium	89-1	9711199	9843881	9720133	9758404	0.76	cps
Yttrium	89-2	1774612	1688400	1699841	1720951	2.72	cps
Zinc	66-2	1720452	1715973	1721714	1719379	0.18	cps
Zirconium	90-1	5292650	5309056	5279197	5293634	0.28	cps
Zirconium	91-1	1187100	1177985	1181441	1182175	0.39	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	CCB15	Instrumnet Name :	P7
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 14:30:34	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	183	133	149	155	16.32	cps
Antimony	121-1	617	783	533	644	19.75	cps
Arsenic	75-2	17	17	17	17	0.00	cps
Barium	135-1	50	83	75	69	24.98	cps
Barium	137-1	117	175	167	153	20.65	cps
Beryllium	9-1	150	144	128	141	8.22	cps
Bismuth	209-1	6615840	6579117	6716843	6637267	1.07	cps
Bismuth	209-2	3747460	3762797	3797621	3769292	0.68	cps
Boron	10-1	2725	2542	2850	2706	5.73	cps
Boron	11-1	12756	12389	13014	12720	2.47	cps
Bromine	81-1	6493	7002	6718	6738	3.78	cps
Bromine	81-2	80	10	20	37	103.25	cps
Cadmium	111-1	2356	2363	2673	2464	7.35	cps
Cadmium	106-1	3259	3300	3742	3434	7.80	cps
Cadmium	108-1	13	38	54	35	60.40	cps
Calcium	43-1	150	175	158	161	7.90	cps
Calcium	44-1	4868	4909	4868	4881	0.49	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	633	577	600	603	4.72	cps
Cobalt	59-2	57	23	60	47	43.45	cps
Copper	63-2	823	870	920	871	5.55	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	58	42	67	56	22.91	cps
Erbium	164-2	40	27	13	27	50.01	cps
Gadolinium	160-1	17	50	42	36	48.03	cps
Gadolinium	160-2	103	77	110	97	18.24	cps
Holmium	165-1	9721758	9615244	9750743	9695915	0.74	cps
Holmium	165-2	4917129	4873243	4941356	4910576	0.70	cps
Indium	115-1	6728492	6743188	6752890	6741523	0.18	cps
Indium	115-2	1578674	1561917	1574171	1571587	0.55	cps
Iron	56-2	6741	7164	6679	6861	3.85	cps
Iron	57-2	200	156	189	181	12.75	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	CCB15	Instrumnet Name :	P7
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 14:30:34	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	801	741	641	727	11.12	cps
Krypton	83-1	490	517	577	528	8.41	cps
Lead	206-1	2417	2211	2567	2398	7.44	cps
Lead	207-1	2228	2056	2067	2117	4.55	cps
Lead	208-1	9729	9135	9802	9555	3.83	cps
Lithium	6-1	2026942	2002607	2009321	2012956	0.62	cps
Magnesium	24-2	1142	975	1200	1106	10.56	cps
Manganese	55-2	177	203	153	178	14.07	cps
Molybdenum	94-1	458	450	458	456	1.06	cps
Molybdenum	95-1	283	275	342	300	12.11	cps
Molybdenum	96-1	475	392	300	389	22.51	cps
Molybdenum	97-1	267	142	183	197	32.27	cps
Molybdenum	98-1	608	467	442	506	17.78	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	110	67	90	89	24.40	cps
Phosphorus	31-2	192	92	175	153	35.07	cps
Potassium	39-2	27543	27083	26683	27103	1.59	cps
Rhodium	103-1	5858002	5854147	5905630	5872593	0.49	cps
Rhodium	103-2	2891791	2852959	2886415	2877055	0.73	cps
Scandium	45-1	3635642	3635290	3623717	3631549	0.19	cps
Scandium	45-2	211497	210152	210861	210837	0.32	cps
Selenium	82-1	21	22	-69	-9	-591.15	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	65	48	70	61	18.92	cps
Silicon	28-1	191155	198587	191600	193781	2.15	cps
Silver	107-1	392	417	267	358	22.43	cps
Silver	109-1	417	267	208	297	36.16	cps
Sodium	23-2	27242	25213	26365	26273	3.87	cps
Strontium	86-1	933	1075	958	989	7.65	cps
Strontium	88-1	1558	1575	1233	1456	13.23	cps
Sulfur	34-1	299701	302177	304817	302232	0.85	cps
Terbium	159-1	9930571	9679863	9752867	9787767	1.32	cps
Terbium	159-2	4811423	4807636	4833306	4817455	0.29	cps
Thallium	203-1	1050	1042	1058	1050	0.79	cps
Thallium	205-1	2734	2409	2417	2520	7.35	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	CCB15	Instrumnet Name :	P7
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 14:30:34	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	661	667	711	680	4.03	cps
Tin	118-1	875	667	792	778	13.48	cps
Titanium	47-1	58	67	117	81	39.17	cps
Uranium	238-1	267	200	317	261	22.42	cps
Vanadium	51-2	7	13	17	12	41.65	cps
Yttrium	89-1	10464743	10209616	10413571	10362643	1.30	cps
Yttrium	89-2	1819793	1788376	1815438	1807869	0.94	cps
Zinc	66-2	282	263	248	264	6.35	cps
Zirconium	90-1	625	658	867	717	18.28	cps
Zirconium	91-1	125	183	92	133	34.80	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-08	Instrumnet Name :	P7
Client Sample ID :	SW-RR-02-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 15:23:21	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7640	6949	6557	7049	7.78	cps
Antimony	121-1	2509	2684	2292	2495	7.87	cps
Arsenic	75-2	352	278	311	314	11.83	cps
Barium	135-1	94830	96844	96802	96159	1.20	cps
Barium	137-1	168805	170212	173393	170804	1.38	cps
Beryllium	9-1	128	106	117	117	9.52	cps
Bismuth	209-1	6254868	6369814	6143814	6256166	1.81	cps
Bismuth	209-2	3687833	3662050	3649583	3666489	0.53	cps
Boron	10-1	15550	17686	16685	16640	6.42	cps
Boron	11-1	76803	80320	79785	78969	2.40	cps
Bromine	81-1	29038	35452	37399	33963	12.88	cps
Bromine	81-2	4455	4485	5066	4669	7.37	cps
Cadmium	111-1	2562	2253	2291	2369	7.11	cps
Cadmium	106-1	3617	3142	3242	3334	7.51	cps
Cadmium	108-1	17	13	17	15	15.76	cps
Calcium	43-1	584240	575030	573244	577505	1.02	cps
Calcium	44-1	9013394	8737244	8600379	8783672	2.40	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2317	2317	2224	2286	2.36	cps
Cobalt	59-2	1183	1140	1160	1161	1.87	cps
Copper	63-2	8226	7742	7809	7926	3.31	cps
Dysprosium	156-1	483	492	517	497	3.49	cps
Dysprosium	156-2	230	237	260	242	6.51	cps
Erbium	164-1	375	333	317	342	8.80	cps
Erbium	164-2	110	127	130	122	8.77	cps
Gadolinium	160-1	517	625	517	553	11.32	cps
Gadolinium	160-2	410	373	353	379	7.59	cps
Holmium	165-1	9746959	9619726	9287899	9551528	2.48	cps
Holmium	165-2	4898401	4863405	4817631	4859812	0.83	cps
Indium	115-1	6780367	6650666	6370677	6600570	3.17	cps
Indium	115-2	1545863	1513979	1518981	1526275	1.12	cps
Iron	56-2	1143077	1108738	1115732	1122515	1.62	cps
Iron	57-2	30793	29936	30632	30454	1.50	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-08	Instrumnet Name :	P7
Client Sample ID :	SW-RR-02-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 15:23:21	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	61209	61752	62164	61708	0.78	cps
Krypton	83-1	533	433	483	483	10.34	cps
Lead	206-1	4751	4912	4706	4790	2.26	cps
Lead	207-1	3901	4334	3856	4030	6.55	cps
Lead	208-1	18572	19567	18650	18930	2.92	cps
Lithium	6-1	2107108	2076831	2004073	2062671	2.57	cps
Magnesium	24-2	2246330	2188375	2204878	2213194	1.35	cps
Manganese	55-2	445643	431813	434555	437337	1.67	cps
Molybdenum	94-1	4384	4534	4326	4415	2.44	cps
Molybdenum	95-1	7060	6443	6969	6824	4.88	cps
Molybdenum	96-1	8228	7727	8002	7986	3.14	cps
Molybdenum	97-1	4392	4417	4334	4381	0.98	cps
Molybdenum	98-1	11221	11580	11280	11360	1.69	cps
Neodymium	150-1	313	293	340	316	7.42	cps
Neodymium	150-2	100	113	120	111	9.16	cps
Nickel	60-2	1617	1660	1503	1593	5.08	cps
Phosphorus	31-2	2400	2284	2017	2234	8.80	cps
Potassium	39-2	709159	690254	686178	695197	1.76	cps
Rhodium	103-1	5737818	5672796	5461924	5624180	2.56	cps
Rhodium	103-2	2820925	2743345	2748422	2770897	1.57	cps
Scandium	45-1	3715013	3654980	3463200	3611064	3.64	cps
Scandium	45-2	213008	207657	207640	209435	1.48	cps
Selenium	82-1	-40	144	-4	34	291.19	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	81	44	61	62	29.76	cps
Silicon	28-1	14555196	14015868	13937285	14169450	2.37	cps
Silver	107-1	167	192	167	175	8.25	cps
Silver	109-1	42	125	200	122	64.80	cps
Sodium	23-2	12632720	12140248	12227610	12333526	2.13	cps
Strontium	86-1	360246	358931	362667	360615	0.53	cps
Strontium	88-1	3135355	3133075	3133389	3133940	0.04	cps
Sulfur	34-1	730919	705193	697065	711059	2.49	cps
Terbium	159-1	9882147	9723377	9132042	9579189	4.13	cps
Terbium	159-2	4792400	4714876	4737733	4748336	0.84	cps
Thallium	203-1	217	167	208	197	13.58	cps
Thallium	205-1	542	692	417	550	25.04	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-08	Instrumnet Name :	P7
Client Sample ID :	SW-RR-02-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 15:23:21	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	589	489	606	561	11.25	cps
Tin	118-1	1458	1467	1734	1553	10.08	cps
Titanium	47-1	2309	2059	2459	2275	8.89	cps
Uranium	238-1	6385	6052	6518	6318	3.81	cps
Vanadium	51-2	1687	1507	1673	1622	6.18	cps
Yttrium	89-1	10617183	10254969	9822265	10231472	3.89	cps
Yttrium	89-2	1801959	1743202	1743624	1762928	1.92	cps
Zinc	66-2	10780	10411	10570	10587	1.75	cps
Zirconium	90-1	1317	1408	1233	1320	6.63	cps
Zirconium	91-1	275	333	358	322	13.27	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-09	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 15:26:28	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9074	8565	7905	8515	6.88	cps
Antimony	121-1	617	767	625	669	12.59	cps
Arsenic	75-2	130	115	135	127	8.32	cps
Barium	135-1	71769	74390	72739	72966	1.82	cps
Barium	137-1	127986	129533	128330	128616	0.63	cps
Beryllium	9-1	100	78	100	93	13.85	cps
Bismuth	209-1	6440456	6618567	6527302	6528775	1.36	cps
Bismuth	209-2	3682213	3660416	3754832	3699154	1.34	cps
Boron	10-1	7527	8603	7927	8019	6.78	cps
Boron	11-1	37071	37681	39435	38062	3.22	cps
Bromine	81-1	26675	28629	29957	28420	5.81	cps
Bromine	81-2	3314	3114	3063	3164	4.19	cps
Cadmium	111-1	2755	2642	2637	2678	2.49	cps
Cadmium	106-1	3892	3726	3776	3798	2.25	cps
Cadmium	108-1	33	17	38	29	37.79	cps
Calcium	43-1	490236	491397	495772	492468	0.59	cps
Calcium	44-1	7338811	7347503	7391239	7359184	0.38	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1463	1627	1577	1556	5.38	cps
Cobalt	59-2	450	527	577	518	12.32	cps
Copper	63-2	3144	3237	3294	3225	2.35	cps
Dysprosium	156-1	342	250	300	297	15.44	cps
Dysprosium	156-2	207	137	353	232	47.64	cps
Erbium	164-1	317	292	350	319	9.16	cps
Erbium	164-2	150	180	160	163	9.35	cps
Gadolinium	160-1	358	467	308	378	21.43	cps
Gadolinium	160-2	267	270	360	299	17.72	cps
Holmium	165-1	9385781	9701764	9503613	9530386	1.68	cps
Holmium	165-2	4824890	4817447	4958813	4867050	1.63	cps
Indium	115-1	6438664	6629092	6495923	6521226	1.50	cps
Indium	115-2	1523959	1514089	1547153	1528400	1.11	cps
Iron	56-2	316162	315101	321946	317736	1.16	cps
Iron	57-2	10170	10081	9826	10026	1.78	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-09	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 15:26:28	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	17067	17087	17989	17381	3.03	cps
Krypton	83-1	497	470	510	492	4.14	cps
Lead	206-1	3373	3234	3389	3332	2.56	cps
Lead	207-1	2773	2956	2856	2861	3.21	cps
Lead	208-1	12958	13308	13375	13214	1.69	cps
Lithium	6-1	1998933	2048894	2032961	2026929	1.26	cps
Magnesium	24-2	1972255	2006515	1982173	1986981	0.89	cps
Manganese	55-2	39048	39209	38707	38988	0.66	cps
Molybdenum	94-1	1467	1317	1358	1381	5.61	cps
Molybdenum	95-1	2050	2017	1925	1997	3.24	cps
Molybdenum	96-1	2259	1959	2417	2211	10.53	cps
Molybdenum	97-1	1175	1175	1300	1217	5.93	cps
Molybdenum	98-1	3200	3317	2875	3131	7.31	cps
Neodymium	150-1	300	293	260	284	7.53	cps
Neodymium	150-2	117	143	140	133	10.90	cps
Nickel	60-2	470	593	547	537	11.60	cps
Phosphorus	31-2	283	183	275	247	22.44	cps
Potassium	39-2	441941	453733	451388	449021	1.39	cps
Rhodium	103-1	5572707	5771346	5682368	5675474	1.75	cps
Rhodium	103-2	2777439	2752123	2814988	2781517	1.14	cps
Scandium	45-1	3511792	3619502	3577878	3569724	1.52	cps
Scandium	45-2	205642	207977	207417	207012	0.59	cps
Selenium	82-1	-45	50	-1	1	3977.86	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	67	57	41	55	23.92	cps
Silicon	28-1	8521751	8563518	8701317	8595529	1.09	cps
Silver	107-1	150	142	192	161	16.63	cps
Silver	109-1	150	67	108	108	38.46	cps
Sodium	23-2	8998897	9072887	8996252	9022678	0.48	cps
Strontium	86-1	302821	307513	303693	304676	0.82	cps
Strontium	88-1	2643783	2659153	2675869	2659602	0.60	cps
Sulfur	34-1	460049	459783	459055	459629	0.11	cps
Terbium	159-1	9502739	9693985	9566938	9587887	1.02	cps
Terbium	159-2	4748420	4720831	4853632	4774294	1.47	cps
Thallium	203-1	167	225	158	183	19.81	cps
Thallium	205-1	467	392	400	419	9.80	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-09	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 15:26:28	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	728	689	617	678	8.32	cps
Tin	118-1	1683	2059	1683	1808	11.97	cps
Titanium	47-1	2317	2601	2567	2495	6.21	cps
Uranium	238-1	9929	9637	9178	9582	3.95	cps
Vanadium	51-2	1430	1573	1560	1521	5.21	cps
Yttrium	89-1	9864047	10249035	10080325	10064469	1.92	cps
Yttrium	89-2	1767811	1755356	1794656	1772608	1.13	cps
Zinc	66-2	7877	8482	8234	8198	3.71	cps
Zirconium	90-1	892	1477	858	1076	32.34	cps
Zirconium	91-1	167	142	200	169	17.27	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-10	Instrumnet Name :	P7
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 15:29:37	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13278	13038	12995	13104	1.16	cps
Antimony	121-1	2750	2617	2859	2742	4.42	cps
Arsenic	75-2	293	259	235	262	10.99	cps
Barium	135-1	89034	90770	91886	90563	1.59	cps
Barium	137-1	158620	161141	160819	160194	0.86	cps
Beryllium	9-1	133	83	117	111	22.92	cps
Bismuth	209-1	6476979	6512249	6504301	6497843	0.28	cps
Bismuth	209-2	3687612	3696775	3724739	3703042	0.52	cps
Boron	10-1	14841	14758	14332	14644	1.86	cps
Boron	11-1	70338	69007	72071	70472	2.18	cps
Bromine	81-1	35878	39388	41101	38789	6.86	cps
Bromine	81-2	4926	4385	5136	4816	8.05	cps
Cadmium	111-1	2826	2880	2472	2726	8.12	cps
Cadmium	106-1	3951	4076	3534	3853	7.36	cps
Cadmium	108-1	21	33	50	35	42.15	cps
Calcium	43-1	512432	518743	514612	515263	0.62	cps
Calcium	44-1	7786787	7732190	7810786	7776588	0.52	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2147	2154	2170	2157	0.56	cps
Cobalt	59-2	1157	1060	1140	1119	4.62	cps
Copper	63-2	9009	9116	9670	9265	3.83	cps
Dysprosium	156-1	592	567	667	608	8.56	cps
Dysprosium	156-2	317	303	400	340	15.41	cps
Erbium	164-1	417	375	375	389	6.19	cps
Erbium	164-2	193	197	250	213	14.91	cps
Gadolinium	160-1	642	667	858	722	16.41	cps
Gadolinium	160-2	483	500	497	493	1.79	cps
Holmium	165-1	9610290	9527643	9567709	9568547	0.43	cps
Holmium	165-2	4879847	4890369	4935268	4901828	0.60	cps
Indium	115-1	6570200	6604576	6612479	6595752	0.34	cps
Indium	115-2	1543787	1535891	1554231	1544636	0.60	cps
Iron	56-2	1062885	1045904	1061692	1056827	0.90	cps
Iron	57-2	28456	28155	29463	28691	2.39	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-10	Instrumnet Name :	P7
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 15:29:37	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	58134	56465	57671	57423	1.50	cps
Krypton	83-1	560	497	543	533	6.16	cps
Lead	206-1	5490	5862	5618	5657	3.34	cps
Lead	207-1	4823	4979	4690	4831	2.99	cps
Lead	208-1	21919	22408	21896	22074	1.31	cps
Lithium	6-1	2014215	2014056	2029041	2019104	0.43	cps
Magnesium	24-2	2043852	2022826	2052842	2039840	0.76	cps
Manganese	55-2	241965	239206	243203	241458	0.85	cps
Molybdenum	94-1	4167	4584	5026	4593	9.35	cps
Molybdenum	95-1	7552	7227	7285	7355	2.36	cps
Molybdenum	96-1	7777	7652	8736	8055	7.36	cps
Molybdenum	97-1	4042	4409	4568	4340	6.21	cps
Molybdenum	98-1	11755	11914	11989	11886	1.00	cps
Neodymium	150-1	400	413	420	411	2.48	cps
Neodymium	150-2	147	163	167	159	6.74	cps
Nickel	60-2	1510	1453	1450	1471	2.29	cps
Phosphorus	31-2	2600	2200	2292	2364	8.87	cps
Potassium	39-2	710969	698507	705727	705068	0.89	cps
Rhodium	103-1	5689539	5714052	5737091	5713561	0.42	cps
Rhodium	103-2	2810696	2791042	2839526	2813755	0.87	cps
Scandium	45-1	3554494	3594557	3621497	3590183	0.94	cps
Scandium	45-2	210902	209796	211787	210828	0.47	cps
Selenium	82-1	-59	-14	-12	-28	-92.67	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	54	63	57	58	8.03	cps
Silicon	28-1	12381394	12458821	12483755	12441323	0.43	cps
Silver	107-1	175	192	250	206	19.16	cps
Silver	109-1	175	217	225	206	13.03	cps
Sodium	23-2	11791427	11620840	11819313	11743860	0.91	cps
Strontium	86-1	330237	335377	333666	333093	0.79	cps
Strontium	88-1	2906618	2900616	2929985	2912406	0.53	cps
Sulfur	34-1	616104	616781	615735	616206	0.09	cps
Terbium	159-1	9584663	9667733	9706462	9652953	0.64	cps
Terbium	159-2	4787742	4815693	4833028	4812154	0.47	cps
Thallium	203-1	158	175	267	200	29.17	cps
Thallium	205-1	383	517	458	453	14.76	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-10	Instrumnet Name :	P7
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 15:29:37	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	722	772	894	796	11.13	cps
Tin	118-1	1642	1692	1675	1670	1.52	cps
Titanium	47-1	3576	3601	3642	3606	0.93	cps
Uranium	238-1	6777	6368	7002	6716	4.78	cps
Vanadium	51-2	1897	1937	1850	1895	2.29	cps
Yttrium	89-1	10068523	10152038	10329322	10183294	1.31	cps
Yttrium	89-2	1793536	1773598	1805821	1790985	0.91	cps
Zinc	66-2	9983	9816	9383	9728	3.18	cps
Zirconium	90-1	2243	1417	1167	1609	35.02	cps
Zirconium	91-1	250	242	300	264	11.96	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-11	Instrumnet Name :	P7
Client Sample ID :	SW-CB-02-(0.2)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 15:32:54	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6198	5255	4829	5427	12.91	cps
Antimony	121-1	1258	1125	1192	1192	5.59	cps
Arsenic	75-2	185	176	172	178	3.76	cps
Barium	135-1	108530	108344	106396	107756	1.10	cps
Barium	137-1	191073	190210	188530	189938	0.68	cps
Beryllium	9-1	106	83	72	87	19.50	cps
Bismuth	209-1	6481099	6573251	6614974	6556442	1.04	cps
Bismuth	209-2	3688840	3695447	3710843	3698377	0.31	cps
Boron	10-1	19964	21040	21866	20957	4.55	cps
Boron	11-1	95483	102017	103569	100356	4.28	cps
Bromine	81-1	25339	29172	30458	28323	9.40	cps
Bromine	81-2	3023	3124	2873	3007	4.19	cps
Cadmium	111-1	2596	2705	2620	2640	2.17	cps
Cadmium	106-1	3667	3801	3684	3717	1.95	cps
Cadmium	108-1	13	8	25	15	56.79	cps
Calcium	43-1	795840	791198	784421	790486	0.73	cps
Calcium	44-1	11899021	11845381	11973798	11906067	0.54	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1007	1067	1083	1052	3.83	cps
Cobalt	59-2	443	490	543	492	10.17	cps
Copper	63-2	3517	3564	3544	3542	0.66	cps
Dysprosium	156-1	117	225	208	183	31.82	cps
Dysprosium	156-2	117	80	93	97	19.20	cps
Erbium	164-1	200	275	167	214	25.94	cps
Erbium	164-2	103	123	120	116	9.28	cps
Gadolinium	160-1	242	225	267	244	8.58	cps
Gadolinium	160-2	237	197	233	222	9.99	cps
Holmium	165-1	9618198	9631848	9685211	9645086	0.37	cps
Holmium	165-2	4897813	4899041	4940690	4912515	0.50	cps
Indium	115-1	6584917	6645066	6611498	6613827	0.46	cps
Indium	115-2	1554813	1552119	1577979	1561637	0.91	cps
Iron	56-2	342693	326918	337496	335702	2.39	cps
Iron	57-2	11816	12150	12066	12011	1.45	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-11	Instrumnet Name :	P7
Client Sample ID :	SW-CB-02-(0.2)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 15:32:54	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	18450	18561	18952	18654	1.41	cps
Krypton	83-1	480	527	550	519	6.87	cps
Lead	206-1	3200	2795	2945	2980	6.88	cps
Lead	207-1	2528	2645	2650	2608	2.65	cps
Lead	208-1	12180	11791	11980	11984	1.62	cps
Lithium	6-1	2023697	2036195	2027669	2029187	0.31	cps
Magnesium	24-2	2388322	2365088	2399868	2384426	0.74	cps
Manganese	55-2	182121	180620	183511	182084	0.79	cps
Molybdenum	94-1	1675	1583	1533	1597	4.50	cps
Molybdenum	95-1	2175	2109	2459	2247	8.27	cps
Molybdenum	96-1	2384	2450	2617	2484	4.84	cps
Molybdenum	97-1	1517	1308	1292	1372	9.14	cps
Molybdenum	98-1	3692	3692	3701	3695	0.13	cps
Neodymium	150-1	147	100	147	131	20.55	cps
Neodymium	150-2	87	77	67	77	13.04	cps
Nickel	60-2	703	733	730	722	2.28	cps
Phosphorus	31-2	858	883	708	817	11.59	cps
Potassium	39-2	564522	558902	563874	562433	0.55	cps
Rhodium	103-1	5737678	5711321	5754344	5734448	0.38	cps
Rhodium	103-2	2825649	2812805	2850045	2829500	0.67	cps
Scandium	45-1	3626789	3622668	3646535	3631997	0.35	cps
Scandium	45-2	213548	209596	215504	212883	1.41	cps
Selenium	82-1	42	-33	-14	-2	-2427.59	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	57	65	70	64	10.13	cps
Silicon	28-1	15969691	15903897	15815361	15896316	0.49	cps
Silver	107-1	142	233	100	158	43.08	cps
Silver	109-1	125	108	108	114	8.45	cps
Sodium	23-2	15266712	15057176	15267216	15197035	0.80	cps
Strontium	86-1	407372	404421	406565	406119	0.38	cps
Strontium	88-1	3539793	3555369	3559891	3551684	0.30	cps
Sulfur	34-1	852148	844282	842303	846244	0.62	cps
Terbium	159-1	9804964	9807847	9820239	9811017	0.08	cps
Terbium	159-2	4840754	4787711	4874050	4834172	0.90	cps
Thallium	203-1	117	158	192	156	24.16	cps
Thallium	205-1	417	425	350	397	10.35	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-11	Instrumnet Name :	P7
Client Sample ID :	SW-CB-02-(0.2)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 15:32:54	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	583	411	328	441	29.58	cps
Tin	118-1	975	883	917	925	5.02	cps
Titanium	47-1	1859	1633	7477	3656	90.55	cps
Uranium	238-1	4276	5052	4693	4673	8.31	cps
Vanadium	51-2	2227	2407	2324	2319	3.89	cps
Yttrium	89-1	10254561	10248008	10222560	10241710	0.17	cps
Yttrium	89-2	1804579	1791327	1821040	1805649	0.82	cps
Zinc	66-2	6270	6369	6517	6385	1.95	cps
Zirconium	90-1	833	933	892	886	5.67	cps
Zirconium	91-1	183	158	167	169	7.51	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-12	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(0.5)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 15:36:01	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	183703	186109	185503	185105	0.68	cps
Antimony	121-1	5201	5134	5251	5196	1.13	cps
Arsenic	75-2	1367	1420	1370	1386	2.16	cps
Barium	135-1	209371	209674	210766	209937	0.35	cps
Barium	137-1	367298	369120	373667	370028	0.89	cps
Beryllium	9-1	178	161	228	189	18.37	cps
Bismuth	209-1	6516850	6548670	6518666	6528062	0.27	cps
Bismuth	209-2	3693171	3730579	3711834	3711862	0.50	cps
Boron	10-1	23978	25438	25914	25110	4.02	cps
Boron	11-1	117780	124113	125541	122478	3.37	cps
Bromine	81-1	31376	36631	38719	35575	10.63	cps
Bromine	81-2	4505	4615	4766	4629	2.82	cps
Cadmium	111-1	2914	2835	2998	2916	2.79	cps
Cadmium	106-1	3701	3692	3792	3728	1.49	cps
Cadmium	108-1	38	58	63	53	25.38	cps
Calcium	43-1	783860	785528	794477	787955	0.72	cps
Calcium	44-1	11822207	11879784	11989350	11897114	0.71	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	48127	47971	48202	48100	0.24	cps
Cobalt	59-2	7045	7229	7252	7175	1.58	cps
Copper	63-2	96394	97585	97370	97117	0.65	cps
Dysprosium	156-1	3009	2867	3075	2984	3.57	cps
Dysprosium	156-2	1443	1440	1303	1396	5.72	cps
Erbium	164-1	2584	2575	2700	2620	2.67	cps
Erbium	164-2	1327	1390	1367	1361	2.35	cps
Gadolinium	160-1	2609	2809	2700	2706	3.70	cps
Gadolinium	160-2	1527	1500	1700	1576	6.89	cps
Holmium	165-1	9809842	9723708	9803032	9778861	0.49	cps
Holmium	165-2	4934183	4983514	4956038	4957912	0.50	cps
Indium	115-1	6653179	6629902	6677404	6653495	0.36	cps
Indium	115-2	1541030	1570497	1563519	1558349	0.99	cps
Iron	56-2	14977601	15423046	15181094	15193914	1.47	cps
Iron	57-2	383104	391206	391395	388568	1.22	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-12	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(0.5)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 15:36:01	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	839555	849008	843992	844185	0.56	cps
Krypton	83-1	483	450	533	489	8.58	cps
Lead	206-1	117658	120377	120483	119506	1.34	cps
Lead	207-1	100067	100610	101041	100573	0.49	cps
Lead	208-1	464278	467226	471835	467780	0.81	cps
Lithium	6-1	1997766	1995366	2008791	2000641	0.36	cps
Magnesium	24-2	3029231	3080582	3048071	3052628	0.85	cps
Manganese	55-2	1288199	1313463	1314728	1305463	1.15	cps
Molybdenum	94-1	8011	7836	10468	8771	16.78	cps
Molybdenum	95-1	9445	9036	9112	9198	2.36	cps
Molybdenum	96-1	10187	10554	10079	10273	2.42	cps
Molybdenum	97-1	5926	5926	6093	5982	1.61	cps
Molybdenum	98-1	14566	15133	15509	15069	3.15	cps
Neodymium	150-1	3187	3794	3160	3380	10.60	cps
Neodymium	150-2	1450	1547	1540	1512	3.57	cps
Nickel	60-2	12035	12138	12062	12078	0.44	cps
Phosphorus	31-2	3459	3442	3501	3467	0.87	cps
Potassium	39-2	669645	686357	678780	678261	1.23	cps
Rhodium	103-1	5731307	5679953	5731320	5714193	0.52	cps
Rhodium	103-2	2786782	2852359	2849570	2829570	1.31	cps
Scandium	45-1	3618282	3606425	3639818	3621508	0.47	cps
Scandium	45-2	209660	213981	214228	212623	1.21	cps
Selenium	82-1	85	107	15	69	69.84	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	70	70	70	70	0.00	cps
Silicon	28-1	29168794	29378389	29423121	29323435	0.46	cps
Silver	107-1	3892	3484	3384	3587	7.51	cps
Silver	109-1	3767	3751	3584	3701	2.74	cps
Sodium	23-2	14142086	14475635	14357490	14325070	1.18	cps
Strontium	86-1	434532	442091	443618	440080	1.11	cps
Strontium	88-1	3827975	3862409	3886784	3859056	0.77	cps
Sulfur	34-1	937792	948370	957833	947998	1.06	cps
Terbium	159-1	9777390	9817066	9792400	9795619	0.20	cps
Terbium	159-2	4815063	4891533	4897008	4867868	0.94	cps
Thallium	203-1	317	267	383	322	18.16	cps
Thallium	205-1	717	750	825	764	7.26	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-12	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(0.5)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 15:36:01	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	11116	11388	11655	11387	2.37	cps
Tin	118-1	9979	10229	10846	10351	4.31	cps
Titanium	47-1	59164	56308	61691	59055	4.56	cps
Uranium	238-1	10121	10588	10279	10329	2.30	cps
Vanadium	51-2	10204	10651	10080	10311	2.91	cps
Yttrium	89-1	10219984	10225690	10324611	10256762	0.57	cps
Yttrium	89-2	1782988	1823750	1820090	1808943	1.25	cps
Zinc	66-2	29283	30260	29896	29813	1.66	cps
Zirconium	90-1	6869	8897	7570	7779	13.24	cps
Zirconium	91-1	1592	1559	1675	1609	3.73	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-12DUP	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(0.5)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 15:39:08	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	182929	172892	186578	180800	3.92	cps
Antimony	121-1	4926	4934	5201	5020	3.12	cps
Arsenic	75-2	1385	1304	1383	1357	3.43	cps
Barium	135-1	207520	207849	207178	207516	0.16	cps
Barium	137-1	366582	370888	366452	367974	0.69	cps
Beryllium	9-1	233	211	211	219	5.87	cps
Bismuth	209-1	6555790	6626309	6607903	6596667	0.55	cps
Bismuth	209-2	3740571	3742926	3780023	3754507	0.59	cps
Boron	10-1	25288	26006	25864	25719	1.48	cps
Boron	11-1	121686	124710	125794	124063	1.72	cps
Bromine	81-1	34667	39070	40491	38076	7.97	cps
Bromine	81-2	4285	4696	4816	4599	6.05	cps
Cadmium	111-1	3073	3218	3107	3133	2.42	cps
Cadmium	106-1	3967	4126	4092	4062	2.06	cps
Cadmium	108-1	29	46	71	49	43.14	cps
Calcium	43-1	782272	793607	792802	789560	0.80	cps
Calcium	44-1	11743930	11997771	12016569	11919423	1.28	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	48205	45885	46660	46917	2.52	cps
Cobalt	59-2	7152	6775	7198	7042	3.30	cps
Copper	63-2	96646	94438	94639	95241	1.28	cps
Dysprosium	156-1	2892	2884	2734	2836	3.14	cps
Dysprosium	156-2	1600	1420	1420	1480	7.03	cps
Erbium	164-1	2742	2492	2659	2631	4.84	cps
Erbium	164-2	1430	1260	1323	1338	6.42	cps
Gadolinium	160-1	2675	2542	2492	2570	3.69	cps
Gadolinium	160-2	1513	1677	1637	1609	5.29	cps
Holmium	165-1	9719366	9808638	9904677	9810894	0.94	cps
Holmium	165-2	5001084	5001373	5019408	5007288	0.21	cps
Indium	115-1	6730389	6819054	6703004	6750816	0.90	cps
Indium	115-2	1594957	1564796	1577772	1579175	0.96	cps
Iron	56-2	15172265	14707026	14749109	14876133	1.73	cps
Iron	57-2	386994	375501	380680	381058	1.51	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-12DUP	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(0.5)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 15:39:08	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	849819	822464	830548	834277	1.68	cps
Krypton	83-1	490	493	480	488	1.42	cps
Lead	206-1	117423	119878	118695	118665	1.03	cps
Lead	207-1	98069	98226	97620	97972	0.32	cps
Lead	208-1	457650	462669	458693	459671	0.58	cps
Lithium	6-1	2031142	2034395	2036073	2033870	0.12	cps
Magnesium	24-2	3068474	2959553	2976745	3001591	1.95	cps
Manganese	55-2	1306078	1264733	1274488	1281766	1.69	cps
Molybdenum	94-1	7544	7777	8036	7786	3.16	cps
Molybdenum	95-1	9612	9345	9095	9351	2.77	cps
Molybdenum	96-1	10329	10604	10404	10446	1.36	cps
Molybdenum	97-1	5535	5768	6085	5796	4.76	cps
Molybdenum	98-1	14858	14891	14933	14894	0.25	cps
Neodymium	150-1	3180	3207	3154	3180	0.84	cps
Neodymium	150-2	1303	1527	1433	1421	7.89	cps
Nickel	60-2	11985	11655	11708	11783	1.50	cps
Phosphorus	31-2	3459	3509	3709	3559	3.72	cps
Potassium	39-2	682127	657022	670089	669746	1.87	cps
Rhodium	103-1	5793251	5840584	5997449	5877095	1.82	cps
Rhodium	103-2	2926792	2836229	2862305	2875109	1.62	cps
Scandium	45-1	3658997	3707665	3722926	3696529	0.90	cps
Scandium	45-2	221557	213150	212987	215898	2.27	cps
Selenium	82-1	30	7	37	25	64.96	cps
Selenium	77-2	3	7	7	6	34.70	cps
Selenium	78-2	72	61	70	68	8.77	cps
Silicon	28-1	29035604	29310101	29227355	29191020	0.48	cps
Silver	107-1	3342	3551	3434	3442	3.04	cps
Silver	109-1	3534	3284	3442	3420	3.70	cps
Sodium	23-2	14407177	13808500	14057021	14090899	2.13	cps
Strontium	86-1	437054	437936	440709	438566	0.43	cps
Strontium	88-1	3842391	3828065	3842999	3837819	0.22	cps
Sulfur	34-1	941565	952097	951626	948429	0.63	cps
Terbium	159-1	9821009	9880795	9800354	9834053	0.42	cps
Terbium	159-2	4941752	4878230	4903080	4907687	0.65	cps
Thallium	203-1	392	408	358	386	6.59	cps
Thallium	205-1	958	825	808	864	9.52	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-12DUP	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(0.5)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 15:39:08	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	11289	11017	11233	11179	1.28	cps
Tin	118-1	10004	10204	10029	10079	1.08	cps
Titanium	47-1	58730	59319	57155	58401	1.92	cps
Uranium	238-1	9896	9712	9620	9743	1.44	cps
Vanadium	51-2	10260	10057	10050	10122	1.18	cps
Yttrium	89-1	10427786	10476529	10598957	10501091	0.84	cps
Yttrium	89-2	1874857	1811323	1837663	1841281	1.73	cps
Zinc	66-2	29331	28081	28989	28800	2.24	cps
Zirconium	90-1	6410	6903	7724	7012	9.46	cps
Zirconium	91-1	1408	1475	3905	2263	62.86	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-12LX5	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(0.5)L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-24 15:42:16	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	35829	35483	34694	35335	1.65	cps
Antimony	121-1	1150	1050	1150	1117	5.17	cps
Arsenic	75-2	306	281	287	291	4.33	cps
Barium	135-1	41696	41989	41663	41783	0.43	cps
Barium	137-1	70730	72681	73201	72204	1.80	cps
Beryllium	9-1	106	67	150	107	38.82	cps
Bismuth	209-1	6657898	6677479	6583545	6639641	0.75	cps
Bismuth	209-2	3820127	3806994	3837627	3821582	0.40	cps
Boron	10-1	6301	6685	6652	6546	3.25	cps
Boron	11-1	29412	30765	31650	30609	3.68	cps
Bromine	81-1	17077	17586	17736	17466	1.98	cps
Bromine	81-2	1341	1241	1301	1295	3.89	cps
Cadmium	111-1	2934	2867	2778	2860	2.74	cps
Cadmium	106-1	4117	3992	3851	3987	3.35	cps
Cadmium	108-1	33	33	38	35	6.93	cps
Calcium	43-1	158093	158658	159634	158795	0.49	cps
Calcium	44-1	2552063	2559146	2566306	2559171	0.28	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	10107	9707	9910	9908	2.02	cps
Cobalt	59-2	1513	1360	1327	1400	7.11	cps
Copper	63-2	19603	19239	19874	19572	1.63	cps
Dysprosium	156-1	617	508	558	561	9.66	cps
Dysprosium	156-2	280	267	247	264	6.35	cps
Erbium	164-1	550	400	942	631	44.38	cps
Erbium	164-2	257	307	317	293	10.96	cps
Gadolinium	160-1	608	617	533	586	7.83	cps
Gadolinium	160-2	440	340	390	390	12.82	cps
Holmium	165-1	9844693	9719441	9667386	9743840	0.94	cps
Holmium	165-2	5021845	4970087	5040995	5010976	0.73	cps
Indium	115-1	6860475	6697884	6768593	6775651	1.20	cps
Indium	115-2	1606020	1592164	1616610	1604931	0.76	cps
Iron	56-2	3074685	3026170	3087167	3062674	1.05	cps
Iron	57-2	77268	75069	76928	76422	1.55	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-12LX5	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(0.5)L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-24 15:42:16	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	168937	168069	169050	168685	0.32	cps
Krypton	83-1	523	507	443	491	8.59	cps
Lead	206-1	24606	24450	24217	24424	0.80	cps
Lead	207-1	19253	20744	20088	20028	3.73	cps
Lead	208-1	92944	94508	94080	93844	0.86	cps
Lithium	6-1	2049996	2065985	2043660	2053214	0.56	cps
Magnesium	24-2	604104	593007	603650	600254	1.05	cps
Manganese	55-2	259087	255634	259967	258230	0.89	cps
Molybdenum	94-1	1583	1900	2217	1900	16.67	cps
Molybdenum	95-1	1900	2100	2017	2006	5.01	cps
Molybdenum	96-1	2317	2059	1925	2100	9.48	cps
Molybdenum	97-1	1233	1242	1142	1206	4.60	cps
Molybdenum	98-1	2900	2967	2925	2931	1.15	cps
Neodymium	150-1	720	640	700	687	6.06	cps
Neodymium	150-2	297	317	250	288	11.89	cps
Nickel	60-2	2757	2494	2740	2664	5.54	cps
Phosphorus	31-2	850	758	933	847	10.33	cps
Potassium	39-2	156005	151037	157138	154727	2.10	cps
Rhodium	103-1	6118412	6074992	5938799	6044068	1.55	cps
Rhodium	103-2	2923356	2900913	2956562	2926944	0.96	cps
Scandium	45-1	3708435	3733108	3729198	3723580	0.36	cps
Scandium	45-2	217461	214780	220792	217678	1.38	cps
Selenium	82-1	-21	39	67	28	158.33	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	54	50	87	64	32.09	cps
Silicon	28-1	5957589	6023791	6109053	6030144	1.26	cps
Silver	107-1	892	683	808	794	13.20	cps
Silver	109-1	750	750	767	756	1.27	cps
Sodium	23-2	2889985	2851802	2903660	2881816	0.93	cps
Strontium	86-1	87541	89679	87725	88315	1.34	cps
Strontium	88-1	753614	761911	766110	760545	0.84	cps
Sulfur	34-1	430340	428640	430842	429941	0.27	cps
Terbium	159-1	9982961	9837686	9752154	9857600	1.18	cps
Terbium	159-2	4925609	4909918	4928205	4921244	0.20	cps
Thallium	203-1	233	225	200	219	7.90	cps
Thallium	205-1	467	492	400	453	10.47	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-12LX5	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(0.5)L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-24 15:42:16	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	2234	2028	2545	2269	11.47	cps
Tin	118-1	2542	2175	2259	2325	8.27	cps
Titanium	47-1	10854	11330	10446	10877	4.07	cps
Uranium	238-1	1834	1917	1875	1875	2.22	cps
Vanadium	51-2	2070	1963	2197	2077	5.63	cps
Yttrium	89-1	10455613	10572108	10564593	10530771	0.62	cps
Yttrium	89-2	1855211	1843669	1873324	1857401	0.80	cps
Zinc	66-2	6005	6096	6010	6037	0.85	cps
Zirconium	90-1	1959	1759	1859	1859	5.38	cps
Zirconium	91-1	358	392	333	361	8.10	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-13	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(0.5)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 15:45:24	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	891917	873270	896642	887276	1.39	cps
Antimony	121-1	3119876	3132910	3160042	3137609	0.65	cps
Arsenic	75-2	103369	99908	103475	102251	1.98	cps
Barium	135-1	4114428	4121144	4183179	4139584	0.92	cps
Barium	137-1	7274117	7338274	7381140	7331177	0.73	cps
Beryllium	9-1	612071	614320	614867	613753	0.24	cps
Bismuth	209-1	5898460	6015834	6130968	6015087	1.93	cps
Bismuth	209-2	3338235	3316119	3383211	3345855	1.02	cps
Boron	10-1	107085	109763	113817	110222	3.08	cps
Boron	11-1	502137	513021	535050	516736	3.24	cps
Bromine	81-1	31827	35527	41218	36191	13.07	cps
Bromine	81-2	4585	4385	5036	4669	7.14	cps
Cadmium	111-1	832230	838777	844457	838488	0.73	cps
Cadmium	106-1	94656	94363	96191	95070	1.03	cps
Cadmium	108-1	66107	66182	65362	65883	0.69	cps
Calcium	43-1	1624206	1614328	1619875	1619470	0.31	cps
Calcium	44-1	24419027	24217055	24405311	24347131	0.46	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	909224	887098	919652	905324	1.84	cps
Cobalt	59-2	1459065	1429768	1477314	1455382	1.65	cps
Copper	63-2	11423627	11244004	11566817	11411483	1.42	cps
Dysprosium	156-1	775	1317	1133	1075	25.63	cps
Dysprosium	156-2	533	550	630	571	9.05	cps
Erbium	164-1	800	767	858	808	5.74	cps
Erbium	164-2	467	397	407	423	8.94	cps
Gadolinium	160-1	950	1167	1042	1053	10.33	cps
Gadolinium	160-2	657	630	650	646	2.15	cps
Holmium	165-1	8863402	9045537	9247047	9051995	2.12	cps
Holmium	165-2	4531137	4455269	4586119	4524175	1.45	cps
Indium	115-1	5837852	5958335	6035773	5943987	1.68	cps
Indium	115-2	1352513	1330612	1382364	1355163	1.92	cps
Iron	56-2	48313423	47200362	48528873	48014220	1.48	cps
Iron	57-2	1223279	1196355	1241827	1220487	1.87	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-13	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(0.5)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 15:45:24	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	2722011	2645603	2752695	2706770	2.04	cps
Krypton	83-1	560	467	493	507	9.49	cps
Lead	206-1	17152739	17295017	17494306	17314021	0.99	cps
Lead	207-1	15375322	15362920	15695568	15477937	1.22	cps
Lead	208-1	69023592	69856900	70655689	69845394	1.17	cps
Lithium	6-1	1814059	1818882	1836586	1823175	0.65	cps
Magnesium	24-2	11294748	11075520	11404144	11258137	1.49	cps
Manganese	55-2	8289249	8039948	8319049	8216082	1.87	cps
Molybdenum	94-1	9267765	9327618	9246061	9280481	0.46	cps
Molybdenum	95-1	13086647	13136040	13117848	13113512	0.19	cps
Molybdenum	96-1	14409789	14496231	14498446	14468155	0.35	cps
Molybdenum	97-1	8224756	8252758	8357309	8278274	0.84	cps
Molybdenum	98-1	21359911	21319368	21475261	21384847	0.38	cps
Neodymium	150-1	1280	1647	1313	1414	14.36	cps
Neodymium	150-2	420	373	457	417	10.02	cps
Nickel	60-2	374888	365943	376852	372561	1.56	cps
Phosphorus	31-2	1442	1500	1683	1542	8.18	cps
Potassium	39-2	4678956	4819867	4987935	4828920	3.20	cps
Rhodium	103-1	5057928	5109091	5197685	5121568	1.38	cps
Rhodium	103-2	2466236	2409706	2517409	2464450	2.19	cps
Scandium	45-1	3251583	3296231	3327650	3291821	1.16	cps
Scandium	45-2	186316	178268	187806	184130	2.79	cps
Selenium	82-1	51051	51219	51237	51169	0.20	cps
Selenium	77-2	2977	3160	3097	3078	3.03	cps
Selenium	78-2	9865	9905	9905	9892	0.24	cps
Silicon	28-1	23517722	23348121	23790327	23552057	0.95	cps
Silver	107-1	3218739	3545641	3998705	3587695	10.92	cps
Silver	109-1	3382352	2952261	3532011	3288875	9.15	cps
Sodium	23-2	27940617	27099420	28033462	27691167	1.86	cps
Strontium	86-1	9572419	9639394	9789602	9667138	1.15	cps
Strontium	88-1	84086221	83796791	84339575	84074196	0.32	cps
Sulfur	34-1	904322	895924	897976	899407	0.49	cps
Terbium	159-1	8976223	9108122	9198239	9094195	1.23	cps
Terbium	159-2	4420345	4366215	4455860	4414140	1.02	cps
Thallium	203-1	3898353	3945922	4012803	3952359	1.45	cps
Thallium	205-1	9573025	9673983	9856911	9701306	1.48	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-13	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(0.5)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 15:45:24	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	3428	3539	4168	3712	10.75	cps
Tin	118-1	2763816	2796778	2813590	2791395	0.91	cps
Titanium	47-1	3495957	3494081	3501988	3497342	0.12	cps
Uranium	238-1	14619019	15007164	15072523	14899569	1.65	cps
Vanadium	51-2	756051	737390	770704	754715	2.21	cps
Yttrium	89-1	9302068	9462528	9507880	9424159	1.15	cps
Yttrium	89-2	1604425	1552791	1622176	1593131	2.26	cps
Zinc	66-2	1763757	1734658	1785599	1761338	1.45	cps
Zirconium	90-1	4937199	4976448	4991283	4968310	0.56	cps
Zirconium	91-1	1110542	1108975	1121727	1113748	0.62	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-14	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(0.5)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 15:48:25	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	862777	858154	866183	862372	0.47	cps
Antimony	121-1	3071623	3109362	3086339	3089108	0.62	cps
Arsenic	75-2	100700	101167	102383	101417	0.86	cps
Barium	135-1	4015500	4077083	4048823	4047135	0.76	cps
Barium	137-1	7122641	7197115	7213512	7177756	0.67	cps
Beryllium	9-1	594509	599539	592387	595478	0.62	cps
Bismuth	209-1	5927454	6131698	6122207	6060453	1.90	cps
Bismuth	209-2	3336746	3387187	3421138	3381690	1.26	cps
Boron	10-1	103963	107219	110207	107130	2.91	cps
Boron	11-1	488229	508730	524953	507304	3.63	cps
Bromine	81-1	41736	47930	52136	47267	11.07	cps
Bromine	81-2	5987	6468	6318	6258	3.93	cps
Cadmium	111-1	821689	826070	818202	821987	0.48	cps
Cadmium	106-1	93616	94027	92584	93409	0.80	cps
Cadmium	108-1	65056	65048	65889	65331	0.74	cps
Calcium	43-1	1546524	1578837	1549228	1558196	1.15	cps
Calcium	44-1	23278839	23815389	23212415	23435547	1.41	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	897433	902157	908798	902796	0.63	cps
Cobalt	59-2	1438366	1437289	1453634	1443096	0.63	cps
Copper	63-2	11320878	11216909	11305824	11281204	0.50	cps
Dysprosium	156-1	650	717	558	642	12.39	cps
Dysprosium	156-2	350	400	363	371	6.98	cps
Erbium	164-1	642	583	458	561	16.69	cps
Erbium	164-2	270	277	270	272	1.41	cps
Gadolinium	160-1	692	525	717	644	16.17	cps
Gadolinium	160-2	470	437	493	467	6.10	cps
Holmium	165-1	8835650	9191329	9130932	9052637	2.10	cps
Holmium	165-2	4521386	4554064	4602226	4559225	0.89	cps
Indium	115-1	5756464	5935860	5931208	5874511	1.74	cps
Indium	115-2	1355279	1360703	1387124	1367702	1.25	cps
Iron	56-2	46385815	45958354	46362659	46235609	0.52	cps
Iron	57-2	1165689	1163811	1179389	1169630	0.73	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-14	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(0.5)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 15:48:25	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	2601654	2593771	2617070	2604165	0.46	cps
Krypton	83-1	390	477	470	446	10.82	cps
Lead	206-1	17248997	17137294	17276723	17221005	0.43	cps
Lead	207-1	15295525	15202881	15439621	15312676	0.78	cps
Lead	208-1	69104407	69624974	69906805	69545395	0.59	cps
Lithium	6-1	1775005	1799065	1798926	1790999	0.77	cps
Magnesium	24-2	11263580	11184852	11301668	11250033	0.53	cps
Manganese	55-2	8101652	8108106	8084880	8098213	0.15	cps
Molybdenum	94-1	9597867	9613863	9626194	9612641	0.15	cps
Molybdenum	95-1	13684857	13846661	13776929	13769482	0.59	cps
Molybdenum	96-1	15102987	15298159	15145157	15182101	0.68	cps
Molybdenum	97-1	8622040	8677076	8680502	8659873	0.38	cps
Molybdenum	98-1	22514031	22579452	22515035	22536173	0.17	cps
Neodymium	150-1	833	900	827	853	4.75	cps
Neodymium	150-2	263	340	307	303	12.67	cps
Nickel	60-2	366628	367189	369826	367881	0.46	cps
Phosphorus	31-2	1250	1083	1358	1231	11.26	cps
Potassium	39-2	4900241	4888381	4948991	4912538	0.65	cps
Rhodium	103-1	4967777	5071221	5075346	5038114	1.21	cps
Rhodium	103-2	2465694	2469271	2518344	2484436	1.18	cps
Scandium	45-1	3144951	3244989	3200943	3196961	1.57	cps
Scandium	45-2	186267	186122	189346	187245	0.97	cps
Selenium	82-1	49847	49850	50038	49912	0.22	cps
Selenium	77-2	2850	3054	2977	2960	3.47	cps
Selenium	78-2	9800	9940	9985	9908	0.98	cps
Silicon	28-1	21008946	21508044	21531454	21349481	1.38	cps
Silver	107-1	4369330	3234480	3087159	3563656	19.69	cps
Silver	109-1	4601158	3769405	3027916	3799493	20.71	cps
Sodium	23-2	27574228	27648758	27781936	27668307	0.38	cps
Strontium	86-1	9329711	9380001	9348000	9352571	0.27	cps
Strontium	88-1	80134768	82156558	81244633	81178653	1.25	cps
Sulfur	34-1	850597	860143	851845	854195	0.61	cps
Terbium	159-1	8998184	9174330	9247201	9139905	1.40	cps
Terbium	159-2	4394197	4452866	4509033	4452032	1.29	cps
Thallium	203-1	3873271	3929602	3928368	3910414	0.82	cps
Thallium	205-1	9611144	9612930	9699905	9641326	0.53	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-14	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(0.5)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 15:48:25	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	2445	2250	2306	2334	4.29	cps
Tin	118-1	2716812	2762063	2738642	2739173	0.83	cps
Titanium	47-1	3336485	3397998	3358731	3364405	0.93	cps
Uranium	238-1	14947657	15008055	15003844	14986518	0.23	cps
Vanadium	51-2	750750	752723	759203	754225	0.59	cps
Yttrium	89-1	9073530	9397760	9245842	9239044	1.76	cps
Yttrium	89-2	1589142	1604753	1626028	1606641	1.15	cps
Zinc	66-2	1783164	1788076	1800933	1790724	0.51	cps
Zirconium	90-1	4762718	4870100	4816173	4816330	1.11	cps
Zirconium	91-1	1067929	1085581	1077350	1076953	0.82	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-12A	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(0.5)A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 15:51:26	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	882678	886852	890220	886583	0.43	cps
Antimony	121-1	3064597	3126466	3186126	3125730	1.94	cps
Arsenic	75-2	102075	101776	103104	102318	0.68	cps
Barium	135-1	4029169	4093077	4125701	4082649	1.20	cps
Barium	137-1	7175882	7200616	7322147	7232882	1.08	cps
Beryllium	9-1	594223	597591	604907	598907	0.91	cps
Bismuth	209-1	5955908	6076607	6115631	6049382	1.38	cps
Bismuth	209-2	3347211	3383474	3390828	3373838	0.69	cps
Boron	10-1	106673	110684	111861	109740	2.48	cps
Boron	11-1	507776	515991	526258	516675	1.79	cps
Bromine	81-1	42797	45957	48014	45589	5.76	cps
Bromine	81-2	5947	5777	5917	5881	1.54	cps
Cadmium	111-1	822108	826523	832509	827047	0.63	cps
Cadmium	106-1	92005	93699	94421	93375	1.33	cps
Cadmium	108-1	64922	65161	65718	65267	0.63	cps
Calcium	43-1	1555964	1569631	1594849	1573481	1.25	cps
Calcium	44-1	23510051	23681158	24115605	23768938	1.31	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	909774	907628	912855	910085	0.29	cps
Cobalt	59-2	1453217	1456095	1459757	1456356	0.23	cps
Copper	63-2	11420787	11480778	11450547	11450704	0.26	cps
Dysprosium	156-1	1158	808	767	911	23.61	cps
Dysprosium	156-2	453	497	533	494	8.10	cps
Erbium	164-1	708	750	925	794	14.47	cps
Erbium	164-2	293	337	287	306	8.88	cps
Gadolinium	160-1	850	1008	917	925	8.59	cps
Gadolinium	160-2	547	513	663	574	13.71	cps
Holmium	165-1	8920003	9153555	9279950	9117836	2.00	cps
Holmium	165-2	4537557	4601323	4587947	4575609	0.73	cps
Indium	115-1	5764708	5899069	5995440	5886406	1.97	cps
Indium	115-2	1364010	1372249	1378263	1371507	0.52	cps
Iron	56-2	47769004	47263509	47528337	47520283	0.53	cps
Iron	57-2	1200017	1199475	1202726	1200739	0.15	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-12A	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(0.5)A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 15:51:26	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	2669450	2677941	2687546	2678312	0.34	cps
Krypton	83-1	420	413	447	427	4.13	cps
Lead	206-1	17003921	17261868	17338229	17201339	1.02	cps
Lead	207-1	15416259	15420774	15377039	15404691	0.16	cps
Lead	208-1	69215774	69652333	69734945	69534351	0.40	cps
Lithium	6-1	1767110	1787856	1813393	1789453	1.30	cps
Magnesium	24-2	11246291	11271103	11363710	11293701	0.55	cps
Manganese	55-2	8235293	8201622	8273995	8236970	0.44	cps
Molybdenum	94-1	9362311	9575777	9565488	9501192	1.27	cps
Molybdenum	95-1	13267772	13563197	13535482	13455484	1.21	cps
Molybdenum	96-1	14554936	14776438	14901203	14744193	1.19	cps
Molybdenum	97-1	8355215	8547066	8590521	8497601	1.47	cps
Molybdenum	98-1	21551072	21816992	22077474	21815179	1.21	cps
Neodymium	150-1	2472	1093	1027	1531	53.30	cps
Neodymium	150-2	270	397	377	348	19.58	cps
Nickel	60-2	370450	373224	375278	372984	0.65	cps
Phosphorus	31-2	1458	1442	1358	1420	3.77	cps
Potassium	39-2	4925550	4958980	4662365	4848965	3.35	cps
Rhodium	103-1	4955505	5046397	5163329	5055077	2.06	cps
Rhodium	103-2	2480647	2481835	2506882	2489788	0.60	cps
Scandium	45-1	3154450	3197351	3300101	3217301	2.33	cps
Scandium	45-2	187138	188813	189410	188454	0.63	cps
Selenium	82-1	49520	49699	49679	49632	0.20	cps
Selenium	77-2	2904	2847	2800	2850	1.82	cps
Selenium	78-2	9961	9896	9829	9895	0.66	cps
Silicon	28-1	22063495	22820860	22689520	22524625	1.80	cps
Silver	107-1	2784457	3006581	4383525	3391521	25.54	cps
Silver	109-1	3653737	2992469	2712174	3119460	15.50	cps
Sodium	23-2	27658452	27839066	27885783	27794434	0.43	cps
Strontium	86-1	9420130	9509425	9679887	9536481	1.38	cps
Strontium	88-1	81209293	82659135	84207148	82691859	1.81	cps
Sulfur	34-1	851073	860372	866761	859402	0.92	cps
Terbium	159-1	9067643	9268695	9313130	9216489	1.42	cps
Terbium	159-2	4424222	4447641	4451334	4441066	0.33	cps
Thallium	203-1	3888093	3966161	3954846	3936366	1.07	cps
Thallium	205-1	9527047	9725243	9731440	9661243	1.20	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-12A	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(0.5)A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 15:51:26	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	3173	2778	2734	2895	8.35	cps
Tin	118-1	2732081	2740115	2787531	2753242	1.09	cps
Titanium	47-1	3353574	3394901	3441680	3396718	1.30	cps
Uranium	238-1	14911292	14973087	14919027	14934469	0.23	cps
Vanadium	51-2	758498	760296	762104	760299	0.24	cps
Yttrium	89-1	9207141	9333808	9479678	9340209	1.46	cps
Yttrium	89-2	1607988	1607278	1618081	1611116	0.38	cps
Zinc	66-2	1784575	1791291	1792589	1789485	0.24	cps
Zirconium	90-1	4809374	4851439	4940608	4867140	1.38	cps
Zirconium	91-1	1079162	1095528	1107101	1093930	1.28	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	CCV16	Instrumnet Name :	P7
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 15:54:31	DataFile Name :	052CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4231733	4223272	4185107	4213371	0.59	cps
Antimony	121-1	3176771	3205334	3192044	3191383	0.45	cps
Arsenic	75-2	105003	105982	102619	104535	1.65	cps
Barium	135-1	3913153	3945060	3897843	3918685	0.61	cps
Barium	137-1	7018959	6987476	6916905	6974447	0.75	cps
Beryllium	9-1	622208	613056	613171	616145	0.85	cps
Bismuth	209-1	6055118	6092991	6056194	6068101	0.36	cps
Bismuth	209-2	3297778	3334874	3306636	3313096	0.58	cps
Boron	10-1	88190	90703	91718	90204	2.01	cps
Boron	11-1	413557	418963	424398	418973	1.29	cps
Bromine	81-1	14516	14124	12673	13771	7.05	cps
Bromine	81-2	741	561	460	587	24.19	cps
Cadmium	111-1	888848	893933	886678	889820	0.42	cps
Cadmium	106-1	100621	102215	99345	100727	1.43	cps
Cadmium	108-1	67915	68418	66550	67628	1.43	cps
Calcium	43-1	4345636	4341018	4307433	4331362	0.48	cps
Calcium	44-1	65105554	64995872	65223941	65108456	0.18	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	932158	929259	912416	924611	1.15	cps
Cobalt	59-2	1534132	1525017	1499425	1519525	1.18	cps
Copper	63-2	10800824	10842328	10583180	10742111	1.30	cps
Dysprosium	156-1	875	967	1008	950	7.18	cps
Dysprosium	156-2	413	490	443	449	8.61	cps
Erbium	164-1	233	292	308	278	14.18	cps
Erbium	164-2	117	163	113	131	21.32	cps
Gadolinium	160-1	1025	917	850	931	9.49	cps
Gadolinium	160-2	620	530	600	583	8.10	cps
Holmium	165-1	9416295	9388438	9340051	9381594	0.41	cps
Holmium	165-2	4623792	4691396	4649910	4655033	0.73	cps
Indium	115-1	6016363	6025416	5927580	5989786	0.90	cps
Indium	115-2	1372842	1385734	1367066	1375214	0.69	cps
Iron	56-2	211768233	208602355	207942955	209437847	0.98	cps
Iron	57-2	5302333	5277069	5186894	5255432	1.15	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	CCV16	Instrumnet Name :	P7
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 15:54:31	DataFile Name :	052CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	11327913	11376446	11139692	11281350	1.11	cps
Krypton	83-1	497	510	463	490	4.91	cps
Lead	206-1	17277545	17634621	17514689	17475618	1.04	cps
Lead	207-1	15048396	15436695	15405553	15296881	1.41	cps
Lead	208-1	69143310	70225653	70093482	69820815	0.85	cps
Lithium	6-1	1845307	1833822	1820389	1833173	0.68	cps
Magnesium	24-2	45551946	45371050	44747098	45223365	0.93	cps
Manganese	55-2	6913579	6831400	6703922	6816300	1.55	cps
Molybdenum	94-1	6211551	6127038	6218206	6185598	0.82	cps
Molybdenum	95-1	7411034	7497078	7480578	7462897	0.61	cps
Molybdenum	96-1	8239114	8391635	8337855	8322868	0.93	cps
Molybdenum	97-1	4710813	4715802	4710660	4712425	0.06	cps
Molybdenum	98-1	11971931	12065125	11918974	11985343	0.62	cps
Neodymium	150-1	513	507	527	516	1.98	cps
Neodymium	150-2	107	153	107	122	22.05	cps
Nickel	60-2	372214	370705	358401	367107	2.06	cps
Phosphorus	31-2	42394	41784	41959	42046	0.75	cps
Potassium	39-2	20606008	20416031	20236263	20419434	0.91	cps
Rhodium	103-1	5058554	5077082	4965744	5033793	1.19	cps
Rhodium	103-2	2438982	2443345	2434803	2439043	0.18	cps
Scandium	45-1	3340575	3299293	3250135	3296668	1.37	cps
Scandium	45-2	191121	191142	188900	190388	0.68	cps
Selenium	82-1	53756	53619	53152	53509	0.59	cps
Selenium	77-2	3167	3050	3170	3129	2.18	cps
Selenium	78-2	10647	10804	10754	10735	0.75	cps
Silicon	28-1	2162891	2199867	2232363	2198374	1.58	cps
Silver	107-1	3966306	3964012	3947500	3959273	0.26	cps
Silver	109-1	3798154	3845279	3785219	3809551	0.83	cps
Sodium	23-2	76414754	75998408	75112685	75841949	0.88	cps
Strontium	86-1	9417106	9465777	9581439	9488108	0.89	cps
Strontium	88-1	83118802	83446287	83028044	83197711	0.26	cps
Sulfur	34-1	554264	549574	543311	549050	1.00	cps
Terbium	159-1	9492219	9475531	9335887	9434546	0.91	cps
Terbium	159-2	4518078	4579808	4547506	4548464	0.68	cps
Thallium	203-1	4020265	4066834	4064005	4050368	0.64	cps
Thallium	205-1	9956373	9971368	10049039	9992260	0.50	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	CCV16	Instrumnet Name :	P7
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 15:54:31	DataFile Name :	052CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	16385117	16521741	16615250	16507369	0.70	cps
Tin	118-1	2735141	2750253	2756177	2747190	0.39	cps
Titanium	47-1	1926607	1919300	1888323	1911410	1.06	cps
Uranium	238-1	15566238	15729635	15706330	15667401	0.56	cps
Vanadium	51-2	785011	780903	772279	779397	0.83	cps
Yttrium	89-1	9755410	9565378	9545652	9622147	1.20	cps
Yttrium	89-2	1640423	1656972	1641760	1646385	0.56	cps
Zinc	66-2	1697828	1697783	1674548	1690053	0.79	cps
Zirconium	90-1	5204609	5193598	5193712	5197306	0.12	cps
Zirconium	91-1	1161970	1172692	1165949	1166870	0.46	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	CCB16	Instrumnet Name :	P7
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 16:00:54	DataFile Name :	053CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	216	166	274	219	24.75	cps
Antimony	121-1	992	800	917	903	10.70	cps
Arsenic	75-2	11	7	9	9	19.98	cps
Barium	135-1	67	100	108	92	24.05	cps
Barium	137-1	117	167	158	147	18.20	cps
Beryllium	9-1	156	117	133	135	14.43	cps
Bismuth	209-1	6614308	6601686	6548438	6588144	0.53	cps
Bismuth	209-2	3648669	3715307	3709850	3691275	1.00	cps
Boron	10-1	3617	3275	3225	3373	6.32	cps
Boron	11-1	16376	15550	15058	15661	4.25	cps
Bromine	81-1	7577	6927	7152	7219	4.58	cps
Bromine	81-2	80	90	90	87	6.66	cps
Cadmium	111-1	2547	2671	2409	2542	5.16	cps
Cadmium	106-1	3567	3734	3376	3559	5.04	cps
Cadmium	108-1	54	38	42	44	19.52	cps
Calcium	43-1	150	233	83	156	48.31	cps
Calcium	44-1	4651	4909	4868	4809	2.88	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	600	600	603	601	0.32	cps
Cobalt	59-2	67	47	57	57	17.65	cps
Copper	63-2	987	937	873	932	6.09	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	42	83	58	61	34.32	cps
Erbium	164-2	17	37	7	20	76.36	cps
Gadolinium	160-1	58	33	92	61	47.90	cps
Gadolinium	160-2	67	93	110	90	24.28	cps
Holmium	165-1	9699083	9664083	9612706	9658624	0.45	cps
Holmium	165-2	4772318	4834654	4841356	4816109	0.79	cps
Indium	115-1	6659222	6740042	6635569	6678278	0.82	cps
Indium	115-2	1532336	1539704	1537084	1536375	0.24	cps
Iron	56-2	6896	7969	7636	7500	7.32	cps
Iron	57-2	228	233	233	231	1.39	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	CCB16	Instrumnet Name :	P7
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 16:00:54	DataFile Name :	053CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	851	741	791	794	6.94	cps
Krypton	83-1	493	450	537	493	8.78	cps
Lead	206-1	2122	2122	2339	2195	5.70	cps
Lead	207-1	1883	2028	1778	1896	6.62	cps
Lead	208-1	8707	8801	9146	8885	2.60	cps
Lithium	6-1	2011147	2004027	2002309	2005828	0.23	cps
Magnesium	24-2	1125	1042	1125	1097	4.39	cps
Manganese	55-2	163	180	197	180	9.26	cps
Molybdenum	94-1	525	433	458	472	10.03	cps
Molybdenum	95-1	450	375	267	364	25.33	cps
Molybdenum	96-1	375	375	458	403	11.95	cps
Molybdenum	97-1	242	225	158	208	21.17	cps
Molybdenum	98-1	658	625	450	578	19.37	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	43	67	80	63	29.31	cps
Phosphorus	31-2	117	108	108	111	4.33	cps
Potassium	39-2	25322	25589	25414	25442	0.53	cps
Rhodium	103-1	5764856	5810041	5763127	5779341	0.46	cps
Rhodium	103-2	2796251	2828153	2841463	2821955	0.82	cps
Scandium	45-1	3576100	3592945	3586278	3585108	0.24	cps
Scandium	45-2	206335	207329	206295	206653	0.28	cps
Selenium	82-1	-12	28	-37	-7	-470.00	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	70	48	50	56	21.95	cps
Silicon	28-1	203769	206652	200772	203731	1.44	cps
Silver	107-1	1142	692	442	758	46.78	cps
Silver	109-1	1150	558	3658	1789	91.99	cps
Sodium	23-2	25781	26683	26265	26243	1.72	cps
Strontium	86-1	1067	825	1050	981	13.77	cps
Strontium	88-1	1383	1283	1333	1333	3.75	cps
Sulfur	34-1	281871	288489	286431	285597	1.19	cps
Terbium	159-1	9711344	9802645	9767119	9760370	0.47	cps
Terbium	159-2	4693196	4714201	4717230	4708209	0.28	cps
Thallium	203-1	1425	1133	1133	1231	13.68	cps
Thallium	205-1	2617	2775	2575	2656	3.97	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	CCB16	Instrumnet Name :	P7
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 16:00:54	DataFile Name :	053CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	456	528	478	487	7.60	cps
Tin	118-1	642	733	725	700	7.24	cps
Titanium	47-1	108	58	92	86	29.57	cps
Uranium	238-1	275	208	233	239	14.10	cps
Vanadium	51-2	23	3	17	14	70.51	cps
Yttrium	89-1	10205182	10214654	10111935	10177257	0.56	cps
Yttrium	89-2	1759986	1769258	1781299	1770181	0.60	cps
Zinc	66-2	272	285	239	265	9.09	cps
Zirconium	90-1	867	750	683	767	12.10	cps
Zirconium	91-1	125	267	175	189	38.04	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-17	Instrumnet Name :	P7
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 16:04:03	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14643	13950	15343	14645	4.76	cps
Antimony	121-1	1683	1583	1759	1675	5.24	cps
Arsenic	75-2	683	596	624	635	7.01	cps
Barium	135-1	89336	91491	90685	90504	1.20	cps
Barium	137-1	159886	163880	164658	162808	1.57	cps
Beryllium	9-1	150	150	100	133	21.65	cps
Bismuth	209-1	6447661	6492701	6494257	6478206	0.41	cps
Bismuth	209-2	3603365	3662433	3641108	3635635	0.82	cps
Boron	10-1	16376	17377	16960	16904	2.97	cps
Boron	11-1	79433	80480	83781	81231	2.79	cps
Bromine	81-1	28345	33548	37725	33206	14.15	cps
Bromine	81-2	4335	4676	5096	4702	8.11	cps
Cadmium	111-1	2788	2411	2496	2565	7.70	cps
Cadmium	106-1	3909	3417	3492	3606	7.35	cps
Cadmium	108-1	46	50	4	33	76.03	cps
Calcium	43-1	424577	431276	420591	425481	1.27	cps
Calcium	44-1	6439281	6535444	6390352	6455026	1.14	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1560	1370	1613	1515	8.45	cps
Cobalt	59-2	1523	1540	1593	1552	2.36	cps
Copper	63-2	3314	3164	3390	3289	3.51	cps
Dysprosium	156-1	533	708	533	592	17.08	cps
Dysprosium	156-2	297	213	257	256	16.31	cps
Erbium	164-1	617	608	633	619	2.06	cps
Erbium	164-2	263	270	303	279	7.68	cps
Gadolinium	160-1	517	517	458	497	6.77	cps
Gadolinium	160-2	383	400	400	394	2.44	cps
Holmium	165-1	9672906	9684337	9443715	9600319	1.41	cps
Holmium	165-2	4740389	4803884	4789899	4778058	0.70	cps
Indium	115-1	6556686	6658350	6617434	6610823	0.77	cps
Indium	115-2	1493288	1513538	1498835	1501887	0.70	cps
Iron	56-2	4507945	4544781	4533359	4528695	0.42	cps
Iron	57-2	115707	115231	113508	114815	1.01	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-17	Instrumnet Name :	P7
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 16:04:03	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	247432	251290	247798	248840	0.86	cps
Krypton	83-1	413	383	480	426	11.63	cps
Lead	206-1	6235	6429	6190	6285	2.02	cps
Lead	207-1	5851	5512	5423	5596	4.04	cps
Lead	208-1	25299	25199	24848	25115	0.94	cps
Lithium	6-1	1969416	1977421	1959336	1968725	0.46	cps
Magnesium	24-2	1243993	1260666	1253962	1252874	0.67	cps
Manganese	55-2	668999	678590	672294	673294	0.72	cps
Molybdenum	94-1	1817	1917	1834	1856	2.89	cps
Molybdenum	95-1	2225	2084	2009	2106	5.23	cps
Molybdenum	96-1	2425	2359	2684	2489	6.90	cps
Molybdenum	97-1	1517	1342	1267	1375	9.33	cps
Molybdenum	98-1	3225	3601	3367	3398	5.57	cps
Neodymium	150-1	727	633	833	731	13.69	cps
Neodymium	150-2	213	307	253	258	18.16	cps
Nickel	60-2	2220	2307	2300	2276	2.12	cps
Phosphorus	31-2	1008	925	942	958	4.60	cps
Potassium	39-2	824616	836918	836827	832787	0.85	cps
Rhodium	103-1	5624490	5691023	5632367	5649293	0.64	cps
Rhodium	103-2	2729295	2752630	2741390	2741105	0.43	cps
Scandium	45-1	3495474	3566177	3495272	3518974	1.16	cps
Scandium	45-2	201201	203216	203115	202511	0.56	cps
Selenium	82-1	73	144	48	88	56.01	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	59	56	44	53	14.53	cps
Silicon	28-1	16051688	16220225	16177894	16149936	0.54	cps
Silver	107-1	300	242	267	269	10.86	cps
Silver	109-1	192	283	225	233	19.88	cps
Sodium	23-2	6624513	6671434	6622949	6639632	0.41	cps
Strontium	86-1	207933	211991	211756	210560	1.08	cps
Strontium	88-1	1823300	1859382	1842951	1841878	0.98	cps
Sulfur	34-1	571495	578759	569289	573181	0.86	cps
Terbium	159-1	9702151	9670822	9655471	9676148	0.25	cps
Terbium	159-2	4634954	4706845	4689401	4677066	0.80	cps
Thallium	203-1	742	533	642	639	16.31	cps
Thallium	205-1	1717	1467	1600	1595	7.85	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3911-17	Instrumnet Name :	P7
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 16:04:03	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	883	1184	794	954	21.38	cps
Tin	118-1	1417	1725	1667	1603	10.22	cps
Titanium	47-1	2442	2300	2125	2289	6.93	cps
Uranium	238-1	1317	1308	1433	1353	5.17	cps
Vanadium	51-2	1350	1520	1310	1393	8.00	cps
Yttrium	89-1	10154532	10272575	10118374	10181827	0.79	cps
Yttrium	89-2	1726318	1741009	1733824	1733717	0.42	cps
Zinc	66-2	10057	10067	10402	10175	1.93	cps
Zirconium	90-1	1383	1450	1358	1397	3.39	cps
Zirconium	91-1	383	342	325	350	8.59	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3752-02	Instrumnet Name :	P7
Client Sample ID :	FB-1UP	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 16:07:10	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2559397	2552575	2566234	2559402	0.27	cps
Antimony	121-1	15184	15325	14833	15114	1.68	cps
Arsenic	75-2	4214	4288	4532	4344	3.84	cps
Barium	135-1	235608	243766	246811	242062	2.39	cps
Barium	137-1	416098	423126	419372	419532	0.84	cps
Beryllium	9-1	2367	2434	2639	2480	5.72	cps
Bismuth	209-1	6534416	6599148	6599261	6577608	0.57	cps
Bismuth	209-2	3686291	3702459	3720742	3703164	0.47	cps
Boron	10-1	23686	25113	24996	24598	3.22	cps
Boron	11-1	115386	116579	120896	117621	2.46	cps
Bromine	81-1	21708	21266	20840	21272	2.04	cps
Bromine	81-2	1882	1732	1902	1839	5.06	cps
Cadmium	111-1	6144	6178	6135	6152	0.36	cps
Cadmium	106-1	4626	4826	4734	4729	2.12	cps
Cadmium	108-1	325	400	333	353	11.65	cps
Calcium	43-1	1092689	1114044	1112196	1106309	1.07	cps
Calcium	44-1	16800807	16729195	16878006	16802669	0.44	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	226238	223816	229372	226475	1.23	cps
Cobalt	59-2	112809	111610	112745	112388	0.60	cps
Copper	63-2	493980	493358	498496	495278	0.57	cps
Dysprosium	156-1	81633	84526	84962	83707	2.16	cps
Dysprosium	156-2	41626	41141	41977	41582	1.01	cps
Erbium	164-1	82063	82297	85197	83186	2.10	cps
Erbium	164-2	42111	42456	41821	42129	0.75	cps
Gadolinium	160-1	79304	79521	81592	80139	1.58	cps
Gadolinium	160-2	44465	44395	45485	44782	1.36	cps
Holmium	165-1	9641837	9827063	9833871	9767590	1.12	cps
Holmium	165-2	4938060	4952123	5001106	4963763	0.67	cps
Indium	115-1	6553992	6602403	6619322	6591906	0.51	cps
Indium	115-2	1555290	1553491	1551306	1553362	0.13	cps
Iron	56-2	110055497	109524908	110565066	110048490	0.47	cps
Iron	57-2	2765297	2750156	2789494	2768316	0.72	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3752-02	Instrumnet Name :	P7
Client Sample ID :	FB-1UP	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 16:07:10	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	6023952	5951298	6011509	5995586	0.65	cps
Krypton	83-1	543	490	513	516	5.19	cps
Lead	206-1	1820350	1848875	1872124	1847116	1.40	cps
Lead	207-1	1533888	1547527	1564248	1548554	0.98	cps
Lead	208-1	7146527	7232094	7288772	7222464	0.99	cps
Lithium	6-1	1952194	1966854	1970372	1963140	0.49	cps
Magnesium	24-2	3020231	3006264	3045878	3024125	0.66	cps
Manganese	55-2	2985464	2979153	2998363	2987660	0.33	cps
Molybdenum	94-1	24305	26663	30999	27322	12.43	cps
Molybdenum	95-1	12306	12431	12881	12539	2.41	cps
Molybdenum	96-1	17078	17453	16927	17153	1.58	cps
Molybdenum	97-1	7777	7519	7752	7683	1.86	cps
Molybdenum	98-1	20048	20749	19914	20237	2.22	cps
Neodymium	150-1	105478	105969	107999	106482	1.26	cps
Neodymium	150-2	45829	45137	45214	45393	0.84	cps
Nickel	60-2	99011	98710	99383	99035	0.34	cps
Phosphorus	31-2	7619	7144	7711	7491	4.06	cps
Potassium	39-2	1298177	1321179	1317532	1312296	0.94	cps
Rhodium	103-1	5559745	5666303	5630038	5618696	0.96	cps
Rhodium	103-2	2822355	2823932	2818414	2821567	0.10	cps
Scandium	45-1	3660254	3681453	3697120	3679609	0.50	cps
Scandium	45-2	218191	216297	218084	217524	0.49	cps
Selenium	82-1	109	185	211	168	31.75	cps
Selenium	77-2	97	100	140	112	21.49	cps
Selenium	78-2	131	163	144	146	10.81	cps
Silicon	28-1	148174907	149756666	147857245	148596273	0.68	cps
Silver	107-1	8044	7994	7844	7961	1.31	cps
Silver	109-1	7319	7427	7019	7255	2.92	cps
Sodium	23-2	1482466	1486013	1502723	1490401	0.73	cps
Strontium	86-1	614994	619300	627180	620491	1.00	cps
Strontium	88-1	5356186	5434353	5460241	5416927	1.00	cps
Sulfur	34-1	318561	316997	316361	317306	0.36	cps
Terbium	159-1	9808053	9856150	9835712	9833305	0.25	cps
Terbium	159-2	4845197	4886398	4888286	4873294	0.50	cps
Thallium	203-1	3659	3617	3526	3601	1.90	cps
Thallium	205-1	8636	8344	8728	8570	2.34	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	M3752-02	Instrumnet Name :	P7
Client Sample ID :	FB-1UP	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 16:07:10	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	168197	170382	171780	170120	1.06	cps
Tin	118-1	21751	21133	21292	21392	1.50	cps
Titanium	47-1	802335	794710	793595	796880	0.60	cps
Uranium	238-1	68924	67298	69250	68491	1.53	cps
Vanadium	51-2	162310	160397	162490	161732	0.72	cps
Yttrium	89-1	11733919	11064917	11132994	11310610	3.26	cps
Yttrium	89-2	1986396	1979968	1979515	1981960	0.19	cps
Zinc	66-2	274836	273715	275715	274755	0.36	cps
Zirconium	90-1	48871	49751	48363	48995	1.43	cps
Zirconium	91-1	11097	11715	10421	11077	5.84	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	CCV17	Instrumnet Name :	P7
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 16:10:19	DataFile Name :	056CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4195255	4253384	4172402	4207014	0.99	cps
Antimony	121-1	3207408	3212667	3194285	3204787	0.30	cps
Arsenic	75-2	103477	104145	101866	103163	1.14	cps
Barium	135-1	3946262	3938593	3869914	3918256	1.07	cps
Barium	137-1	7066143	7060782	6914315	7013747	1.23	cps
Beryllium	9-1	628839	626120	622422	625793	0.51	cps
Bismuth	209-1	6066993	6054936	6011492	6044474	0.48	cps
Bismuth	209-2	3289163	3298254	3312642	3300020	0.36	cps
Boron	10-1	84870	84595	87477	85647	1.86	cps
Boron	11-1	394154	405928	413040	404374	2.36	cps
Bromine	81-1	8077	8286	7444	7936	5.53	cps
Bromine	81-2	160	170	200	177	11.78	cps
Cadmium	111-1	902931	900193	894958	899361	0.45	cps
Cadmium	106-1	102602	103064	100756	102140	1.20	cps
Cadmium	108-1	69326	69092	67693	68704	1.28	cps
Calcium	43-1	4440389	4411009	4357064	4402821	0.96	cps
Calcium	44-1	66442595	66991093	65978104	66470597	0.76	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	922083	932201	906124	920136	1.43	cps
Cobalt	59-2	1512481	1525348	1488998	1508943	1.22	cps
Copper	63-2	10696942	10828180	10579922	10701681	1.16	cps
Dysprosium	156-1	983	950	1075	1003	6.45	cps
Dysprosium	156-2	517	440	490	482	8.07	cps
Erbium	164-1	275	292	233	267	11.27	cps
Erbium	164-2	143	167	140	150	9.69	cps
Gadolinium	160-1	917	1058	792	922	14.47	cps
Gadolinium	160-2	613	540	590	581	6.45	cps
Holmium	165-1	9480075	9454994	9335919	9423662	0.82	cps
Holmium	165-2	4633354	4683115	4623654	4646708	0.69	cps
Indium	115-1	6114381	6051394	5985796	6050523	1.06	cps
Indium	115-2	1368435	1390069	1371464	1376656	0.85	cps
Iron	56-2	208069394	210981910	205612866	208221390	1.29	cps
Iron	57-2	5246975	5326636	5176826	5250146	1.43	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	CCV17	Instrumnet Name :	P7
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 16:10:19	DataFile Name :	056CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	11297807	11328857	11071820	11232828	1.25	cps
Krypton	83-1	477	527	427	477	10.49	cps
Lead	206-1	17316053	17437188	17327426	17360222	0.39	cps
Lead	207-1	15336123	15463768	15334554	15378148	0.48	cps
Lead	208-1	69475223	70015540	69533535	69674766	0.43	cps
Lithium	6-1	1883643	1865365	1839998	1863002	1.18	cps
Magnesium	24-2	45060267	45576936	44628078	45088427	1.05	cps
Manganese	55-2	6722008	6857761	6692285	6757351	1.31	cps
Molybdenum	94-1	6310427	6258785	6203489	6257567	0.85	cps
Molybdenum	95-1	7604512	7523842	7443942	7524099	1.07	cps
Molybdenum	96-1	8579407	8518869	8317474	8471916	1.62	cps
Molybdenum	97-1	4799247	4762535	4725513	4762432	0.77	cps
Molybdenum	98-1	12339541	12213590	12113858	12222330	0.93	cps
Neodymium	150-1	507	467	560	511	9.16	cps
Neodymium	150-2	123	140	110	124	12.08	cps
Nickel	60-2	366829	369071	360653	365518	1.19	cps
Phosphorus	31-2	40898	43213	40798	41636	3.28	cps
Potassium	39-2	20433138	20614448	20192930	20413505	1.04	cps
Rhodium	103-1	5223562	5116242	5082810	5140872	1.43	cps
Rhodium	103-2	2427332	2467797	2432749	2442626	0.90	cps
Scandium	45-1	3457444	3391618	3346573	3398545	1.64	cps
Scandium	45-2	192358	195218	190447	192674	1.25	cps
Selenium	82-1	54621	54313	53410	54115	1.16	cps
Selenium	77-2	3050	3244	2957	3084	4.74	cps
Selenium	78-2	10598	10897	10647	10714	1.50	cps
Silicon	28-1	2141659	2138672	2151300	2143877	0.31	cps
Silver	107-1	4019982	4046330	3968214	4011509	0.99	cps
Silver	109-1	3899048	3850364	3848337	3865916	0.74	cps
Sodium	23-2	75423583	75951575	74183839	75186332	1.21	cps
Strontium	86-1	9744467	9567182	9604238	9638629	0.97	cps
Strontium	88-1	84845341	84034775	83276898	84052338	0.93	cps
Sulfur	34-1	584022	571970	558885	571626	2.20	cps
Terbium	159-1	9549924	9430204	9376803	9452310	0.94	cps
Terbium	159-2	4535697	4555734	4512405	4534612	0.48	cps
Thallium	203-1	4012957	4057552	4014790	4028433	0.63	cps
Thallium	205-1	9866206	10016931	9842459	9908532	0.95	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	CCV17	Instrumnet Name :	P7
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 16:10:19	DataFile Name :	056CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	16188516	16307595	16358590	16284900	0.54	cps
Tin	118-1	2745076	2758315	2762763	2755385	0.33	cps
Titanium	47-1	1964119	1956200	1931060	1950460	0.88	cps
Uranium	238-1	15314075	15366172	15413288	15364512	0.32	cps
Vanadium	51-2	775426	785360	765871	775552	1.26	cps
Yttrium	89-1	10079396	9736647	9620772	9812271	2.43	cps
Yttrium	89-2	1645309	1666711	1633696	1648572	1.02	cps
Zinc	66-2	1680710	1695629	1666710	1681016	0.86	cps
Zirconium	90-1	5289295	5228495	5202306	5240032	0.85	cps
Zirconium	91-1	1189218	1179438	1163539	1177399	1.10	cps

LB Number : LB116498 Operator : JASWAL
 Lab Sample ID : CCB17 Instrumnet Name : P7
 Client Sample ID : CCB17 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-24 16:33:46 DataFile Name : 057CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125	91	166	127	29.46	cps
Antimony	121-1	458	383	317	386	18.36	cps
Arsenic	75-2	15	4	4	7	86.64	cps
Barium	135-1	58	58	33	50	28.87	cps
Barium	137-1	150	150	67	122	39.36	cps
Beryllium	9-1	122	139	133	131	6.46	cps
Bismuth	209-1	6349529	6415218	6452842	6405863	0.82	cps
Bismuth	209-2	3581942	3603927	3676873	3620914	1.37	cps
Boron	10-1	875	1100	1100	1025	12.67	cps
Boron	11-1	5051	5343	4776	5057	5.61	cps
Bromine	81-1	5901	6760	5885	6182	8.10	cps
Bromine	81-2	50	10	50	37	62.98	cps
Cadmium	111-1	2278	2313	2658	2416	8.69	cps
Cadmium	106-1	3184	3275	3784	3414	9.47	cps
Cadmium	108-1	25	25	29	26	9.12	cps
Calcium	43-1	108	233	125	156	43.63	cps
Calcium	44-1	5134	4776	5018	4976	3.67	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	620	620	667	636	4.24	cps
Cobalt	59-2	17	53	63	44	55.28	cps
Copper	63-2	623	780	697	700	11.20	cps
Dysprosium	156-1	17	0	8	8	100.02	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	33	50	100	61	56.78	cps
Erbium	164-2	47	20	37	34	39.11	cps
Gadolinium	160-1	58	33	42	44	28.64	cps
Gadolinium	160-2	140	113	127	127	10.53	cps
Holmium	165-1	9408975	9382919	9489866	9427253	0.59	cps
Holmium	165-2	4635746	4695902	4790505	4707384	1.66	cps
Indium	115-1	6663930	6581724	6702470	6649375	0.93	cps
Indium	115-2	1457344	1528567	1547568	1511160	3.15	cps
Iron	56-2	6340	6190	6490	6340	2.37	cps
Iron	57-2	228	194	183	202	11.46	cps

LB Number :	LB116498	Operator :	JASWAL
Lab Sample ID :	CCB17	Instrumnet Name :	P7
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired ::	2021-09-24 16:33:46	DataFile Name :	057CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	811	711	661	727	10.51	cps
Krypton	83-1	467	447	427	447	4.48	cps
Lead	206-1	2361	2617	2311	2430	6.75	cps
Lead	207-1	2011	2172	2039	2074	4.15	cps
Lead	208-1	9657	10202	9507	9789	3.73	cps
Lithium	6-1	2007749	1998780	2062124	2022884	1.69	cps
Magnesium	24-2	692	858	1108	886	23.67	cps
Manganese	55-2	180	160	163	168	6.39	cps
Molybdenum	94-1	358	333	292	328	10.27	cps
Molybdenum	95-1	200	133	158	164	20.55	cps
Molybdenum	96-1	267	208	225	233	12.88	cps
Molybdenum	97-1	158	83	158	133	32.47	cps
Molybdenum	98-1	242	225	233	233	3.57	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	97	83	93	91	7.62	cps
Phosphorus	31-2	125	175	167	156	17.22	cps
Potassium	39-2	21257	25639	25155	24017	10.00	cps
Rhodium	103-1	5809381	5718413	5858408	5795401	1.23	cps
Rhodium	103-2	2679492	2823694	2832005	2778397	3.09	cps
Scandium	45-1	3657930	3546124	3670172	3624742	1.89	cps
Scandium	45-2	195725	207166	210045	204312	3.71	cps
Selenium	82-1	74	84	93	84	11.35	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	48	44	52	48	7.70	cps
Silicon	28-1	194615	182890	194156	190554	3.49	cps
Silver	107-1	267	233	175	225	20.62	cps
Silver	109-1	242	158	158	186	25.85	cps
Sodium	23-2	14849	16685	17202	16245	7.61	cps
Strontium	86-1	950	900	975	942	4.06	cps
Strontium	88-1	1633	1175	1300	1370	17.30	cps
Sulfur	34-1	325716	308099	319926	317913	2.82	cps
Terbium	159-1	9411979	9368729	9613336	9464681	1.38	cps
Terbium	159-2	4559243	4642025	4708847	4636705	1.62	cps
Thallium	203-1	192	183	183	186	2.59	cps
Thallium	205-1	425	475	525	475	10.53	cps

LB Number :	LB116498	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	411	333	300	348	16.38	cps
Tin	118-1	650	833	892	792	15.93	cps
Titanium	47-1	92	58	92	81	23.89	cps
Uranium	238-1	167	275	225	222	24.40	cps
Vanadium	51-2	23	33	23	27	21.65	cps
Yttrium	89-1	10243394	10156260	10318286	10239313	0.79	cps
Yttrium	89-2	1661941	1766217	1782617	1736925	3.77	cps
Zinc	66-2	243	319	242	268	16.46	cps
Zirconium	90-1	633	675	692	667	4.51	cps
Zirconium	91-1	158	133	167	153	11.35	cps