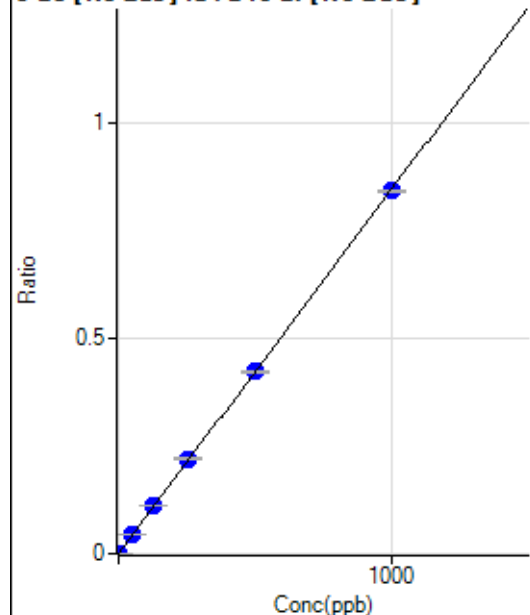


Calibration for 007CALS.d

Batch Folder: C:\Agilent\ICPMH\1\DATA\P7030521 MS.b\
 Analysis File: P7030521 MS.batch.bin
 DA Date-Time: 2021-03-05 16:32:22
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	002CALB.d	S00	2021-03-05 12:37:06
2	005CALS.d	S02	2021-03-05 12:46:22
3	006CALS.d	S03	2021-03-05 12:49:28
4	007CALS.d	S04	2021-03-05 12:52:35
5	008CALS.d	S05	2021-03-05 12:55:42
6	009CALS.d	S06	2021-03-05 12:58:45
7	010CALS.d	S07	2021-03-05 13:01:41
8	011CALS.d	S08	2021-03-05 13:04:34

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	42.59	0.0000	P	14.7
2	☐	1.000	1.036	1518.62	0.0009	P	2.6
3	☐	50.000	52.916	76523.16	0.0449	P	0.6
4	☐	125.000	132.038	192463.01	0.1119	P	0.6
5	☐	250.000	260.806	384692.15	0.2210	P	2.4
6	☐	500.000	500.554	738949.65	0.4241	P	0.8
7	☐	1000.000	995.996	1428892.07	0.8438	P	0.6
8	☐			322.23	0.0002	P	2.7

$$y = 8.4718\text{E-}004 * x + 2.6004\text{E-}005$$

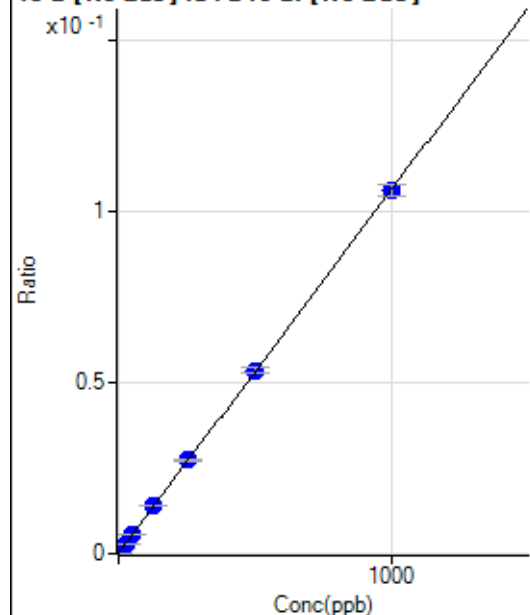
$$R = 0.9999$$

$$DL = 0.01352$$

$$BEC = 0.0307$$

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	178.21	0.0001	P	14.1
2	☐	25.000	23.790	4432.62	0.0026	P	3.4
3	☐	50.000	51.530	9534.62	0.0056	P	4.8
4	☐	125.000	131.452	24235.91	0.0141	P	3.2
5	☐	250.000	256.177	47660.85	0.0274	P	2.3
6	☐	500.000	502.121	93256.93	0.0535	P	3.3
7	☐	1000.000	996.543	179673.00	0.1061	P	3.1
8	☐			4968.05	0.0031	P	6.7

$$y = 1.0636\text{E-}004 * x + 1.0881\text{E-}004$$

$$R = 1.0000$$

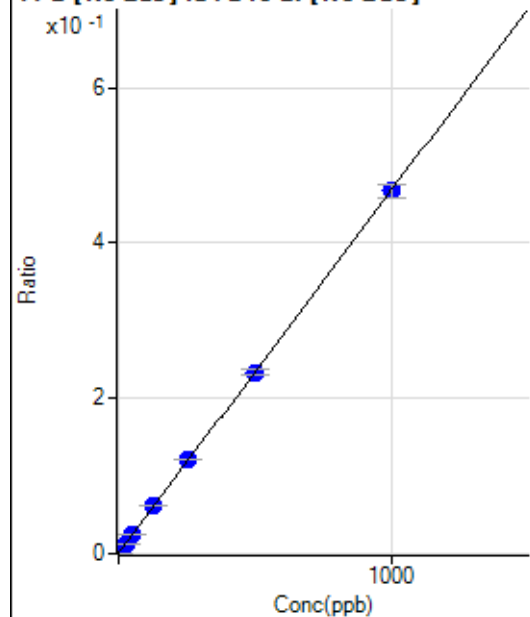
$$DL = 0.432$$

$$BEC = 1.023$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	925.05	0.0006	P	18.9
2	☐	25.000	25.783	21193.06	0.0126	P	6.6
3	☐	50.000	53.423	43574.49	0.0255	P	3.2
4	☐	125.000	131.077	106392.06	0.0619	P	1.7
5	☐	250.000	258.530	211522.32	0.1214	P	1.1
6	☐	500.000	497.950	406695.45	0.2334	P	3.2
7	☐	1000.000	997.942	791002.02	0.4672	P	3.9
8	☐			25196.59	0.0156	P	13.5

$$y = 4.6756E-004 * x + 5.6499E-004$$

$$R = 0.9999$$

$$DL = 0.6836$$

$$BEC = 1.208$$

Weight: <None>

Min Conc: 0

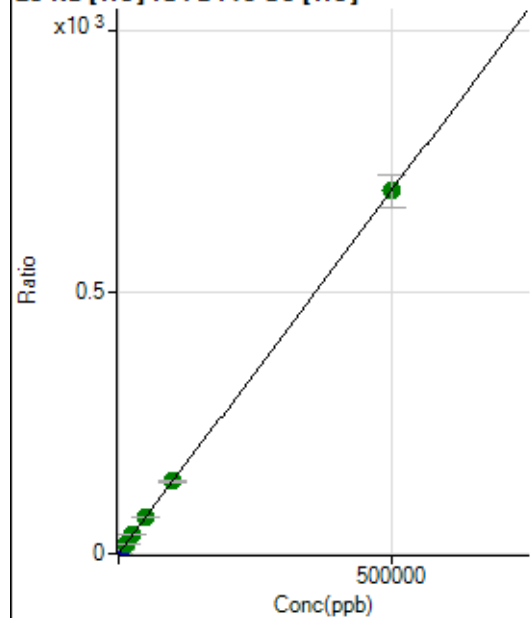
12 C [No Gas] No available calibration points



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

12 C [He] No available calibration points

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

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	26334.63	0.0683	P	1.6
2	☐	500.000	506.704	295075.57	0.7708	P	2.6
3	☐	5000.000	5487.113	2840865.06	7.6756	P	4.1
4	☐	12500.000	12529.040	6315085.21	17.4384	A	0.7
5	☐	25000.000	26409.724	12238520.24	36.6825	A	3.5
6	☐	50000.000	51024.371	23280765.45	70.8080	A	0.5
7	☐	100000.00	99722.190	46428417.70	138.3222	A	2.4
8	☐	500000.00	499877.03	232795085.7	693.0931	A	9.3

$$y = 0.0014 * x + 0.0683$$

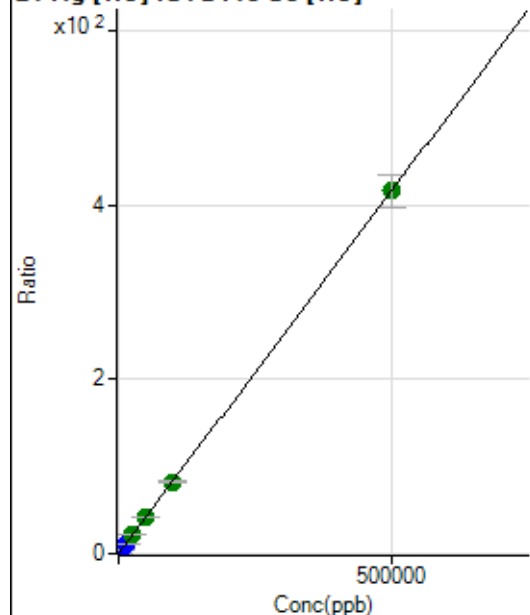
$$R = 1.0000$$

$$DL = 2.347$$

$$BEC = 49.26$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	347.24	0.0009	P	16.6
2	☐	500.000	493.401	157802.31	0.4121	P	2.1
3	☐	5000.000	5396.968	1665183.76	4.4991	P	4.1
4	☐	12500.000	13200.519	3984607.69	11.0031	P	0.8
5	☐	25000.000	26349.527	7327094.00	21.9623	A	3.7
6	☐	50000.000	50893.487	13946608.65	42.4189	A	0.5
7	☐	100000.00	98992.108	27694350.27	82.5074	A	2.1
8	☐	500000.00	500023.27	139975958.6	416.7530	A	9.2

$$y = 8.3347\text{E-}004 * x + 8.9994\text{E-}004$$

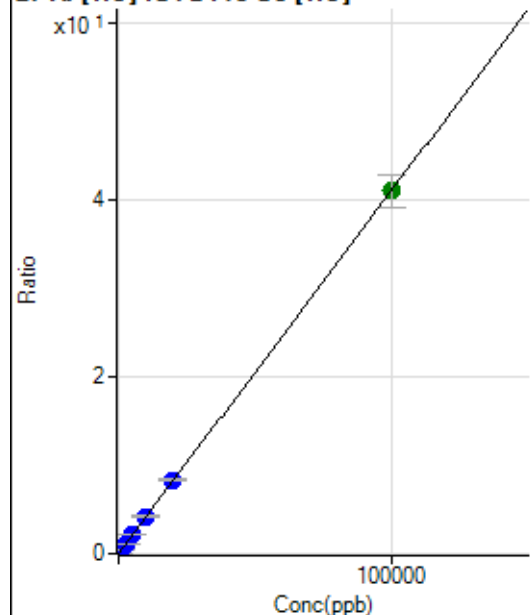
$$R = 1.0000$$

$$DL = 0.5387$$

$$BEC = 1.08$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	227.78	0.0006	P	21.4
2	☐	20.000	20.182	3400.46	0.0089	P	5.0
3	☐	1000.000	1049.788	159898.66	0.4320	P	4.1
4	☐	2500.000	2569.369	382583.01	1.0565	P	1.6
5	☐	5000.000	5344.236	732740.21	2.1968	P	4.7
6	☐	10000.000	10308.166	1393076.10	4.2367	P	1.3
7	☐	20000.000	20130.862	2776975.06	8.2734	P	2.6
8	☐	100000.00	99923.567	13791355.86	41.0643	A	9.3

$$y = 4.1095\text{E-}004 * x + 5.9117\text{E-}004$$

$$R = 1.0000$$

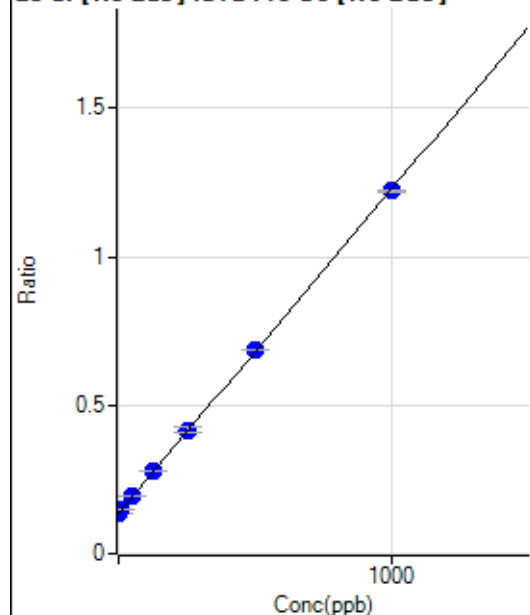
$$DL = 0.9222$$

$$BEC = 1.439$$

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	593598.04	0.1361	P	2.5
2	☐	10.000	13.422	657581.67	0.1508	P	1.8
3	☐	50.000	52.115	842444.01	0.1930	P	1.3
4	☐	125.000	130.509	1183591.04	0.2786	P	0.8
5	☐	250.000	257.391	1722249.24	0.4171	P	3.8
6	☐	500.000	505.018	2691083.65	0.6874	P	0.3
7	☐	1000.000	994.815	4646624.15	1.2221	P	0.5
8	☐			659995.68	0.1717	P	2.1

$$y = 0.0011 * x + 0.1361$$

R = 1.0000

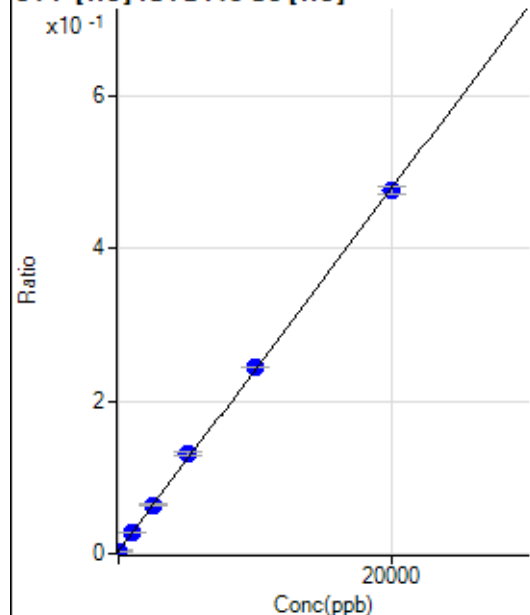
DL = 9.455

BEC = 124.7

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	9.378	1430.66	0.0037	P	9.6
2	☐	0.000	-9.378	1250.08	0.0033	P	2.8
3	☐	1000.000	1033.581	10378.83	0.0280	P	4.1
4	☐	2500.000	2549.235	23193.50	0.0640	P	1.3
5	☐	5000.000	5319.296	43313.43	0.1298	P	4.0
6	☐	10000.000	10099.278	80022.41	0.2434	P	0.2
7	☐	20000.000	19862.704	159546.29	0.4753	P	2.2
8	☐			1308.42	0.0039	P	13.7

$$y = 2.3755E-005 * x + 0.0035$$

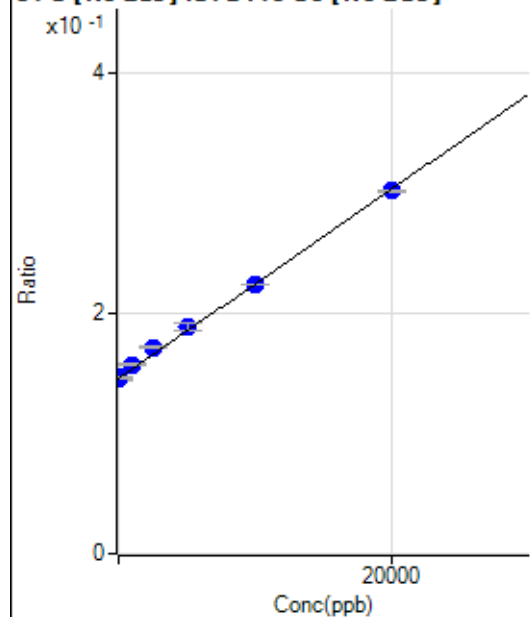
R = 0.9998

DL = 28.23

BEC = 146.8

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	-115.686	632056.64	0.1449	P	2.2
2	☐	0.000	115.686	640098.46	0.1468	P	1.4
3	☐	1000.000	1397.852	684692.45	0.1569	P	1.1
4	☐	2500.000	3301.766	730215.38	0.1719	P	0.4
5	☐	5000.000	5496.126	781217.35	0.1892	P	3.0
6	☐	10000.000	9915.372	876937.85	0.2240	P	0.5
7	☐	20000.000	19798.169	1147876.58	0.3019	P	0.5
8	☐			544461.34	0.1416	P	1.6

$$y = 7.8823\text{E-}006 * x + 0.1459$$

$$R = 0.9989$$

$$DL = 1013$$

$$BEC = 1.85\text{E}+04$$

Weight: <None>

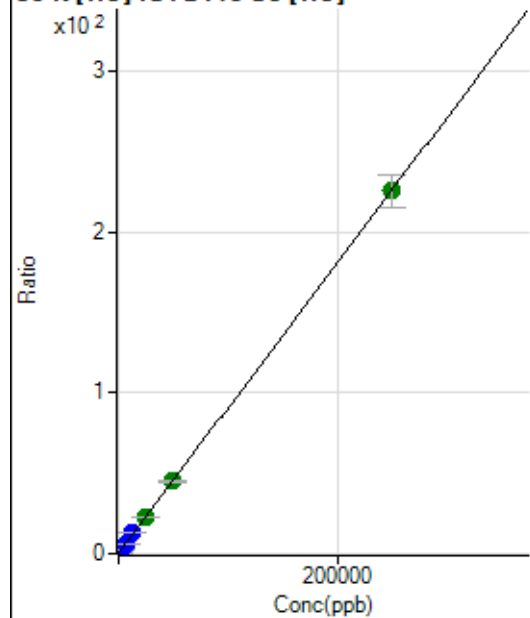
Min Conc: 0

35 Cl [No Gas] No available calibration points

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

35 Cl [He] No available calibration points

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

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	96448.01	0.2501	P	1.5
2	☐	500.000	513.905	273125.92	0.7133	P	0.7
3	☐	2500.000	2820.883	1033348.31	2.7925	P	4.8
4	☐	6250.000	6843.919	2324301.75	6.4183	P	0.4
5	☐	12500.000	14055.274	4309225.27	12.9176	P	4.0
6	☐	25000.000	25312.644	7582924.04	23.0635	A	0.2
7	☐	50000.000	49858.388	15166729.68	45.1857	A	2.5
8	☐	250000.00	249901.21	75731548.91	225.4771	A	9.2

$$y = 9.0126E-004 * x + 0.2501$$

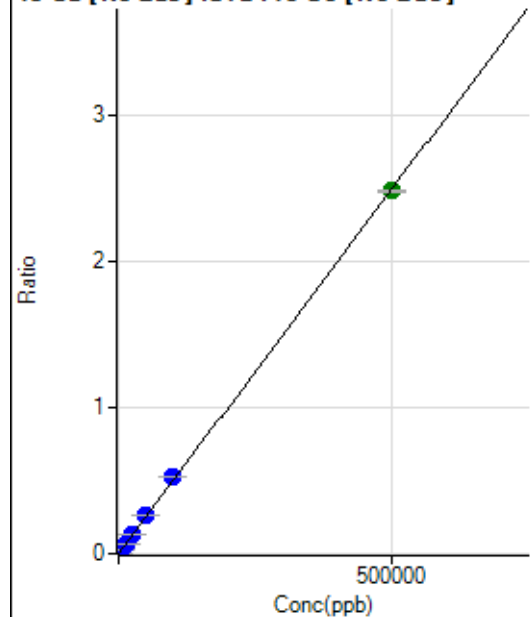
$$R = 1.0000$$

$$DL = 12.19$$

$$BEC = 277.5$$

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	183.34	0.0000	P	28.9
2	☐	500.000	527.823	11635.42	0.0027	P	6.9
3	☐	5000.000	5357.374	116533.34	0.0267	P	1.2
4	☐	12500.000	13371.556	282851.80	0.0666	P	0.4
5	☐	25000.000	26332.581	541170.93	0.1311	P	4.1
6	☐	50000.000	53164.773	1035720.74	0.2646	P	0.6
7	☐	100000.00	106727.71	2019360.87	0.5311	P	0.1
8	☐	500000.00	498245.95	9532893.88	2.4793	A	0.7

$$y = 4.9760E-006 * x + 4.2164E-005$$

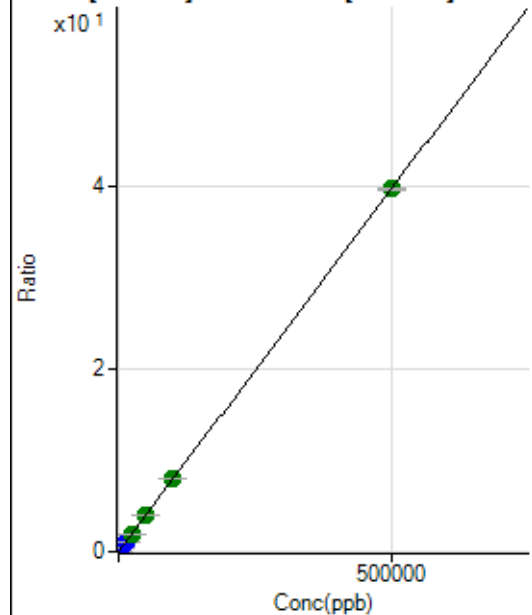
$$R = 0.9999$$

$$DL = 7.343$$

$$BEC = 8.473$$

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	13809.54	0.0032	P	1.5
2	☐	500.000	514.025	191606.08	0.0439	P	0.6
3	☐	5000.000	5434.019	1894659.76	0.4341	P	1.4
4	☐	12500.000	13420.015	4534929.83	1.0675	P	0.5
5	☐	25000.000	24692.677	8099220.40	1.9614	A	3.4
6	☐	50000.000	49747.491	15456527.08	3.9484	A	0.5
7	☐	100000.00	100090.54	30191551.72	7.9409	A	0.7
8	☐	500000.00	499995.15	152478285.3	39.6557	A	0.4

$$y = 7.9306E-005 * x + 0.0032$$

$$R = 1.0000$$

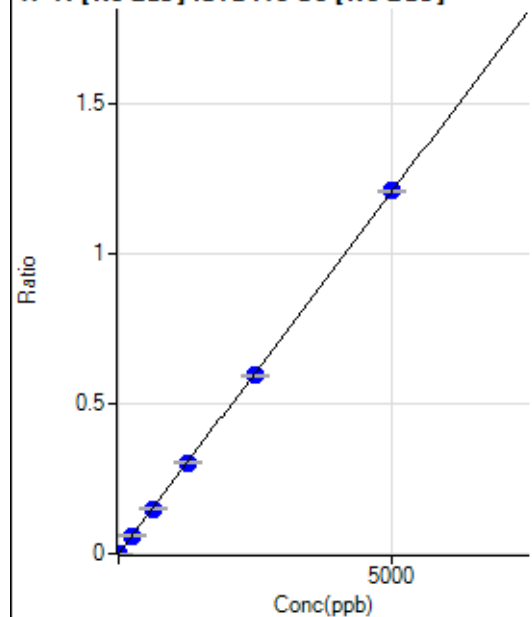
$$DL = 1.834$$

$$BEC = 39.93$$

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	141.67	0.0000	P	35.4
2	☐	5.000	5.039	5437.24	0.0012	P	3.1
3	☐	250.000	251.247	264322.45	0.0606	P	2.0
4	☐	625.000	624.459	639293.96	0.1505	P	1.3
5	☐	1250.000	1257.118	1250818.42	0.3029	P	3.2
6	☐	2500.000	2462.789	2322827.64	0.5934	P	0.6
7	☐	5000.000	5016.831	4595630.83	1.2087	P	0.6
8	☐			1152.85	0.0003	P	4.3

$$y = 2.4093E-004 * x + 3.2377E-005$$

$$R = 1.0000$$

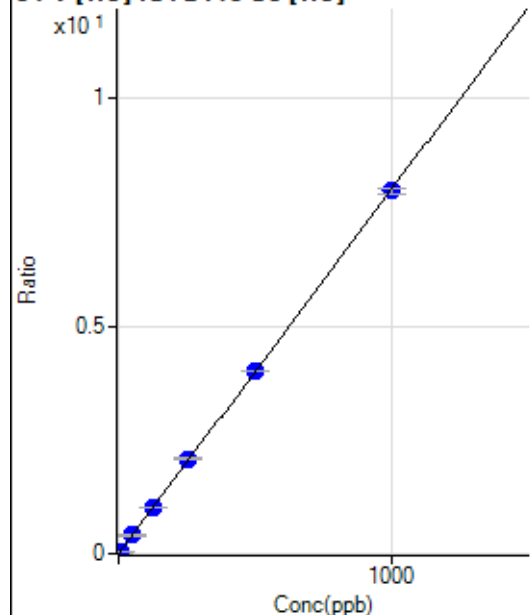
$$DL = 0.1428$$

$$BEC = 0.1344$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	4.44	0.0000	P	115.
2	☐	5.000	4.861	14889.81	0.0389	P	1.2
3	☐	50.000	51.048	151078.18	0.4082	P	4.0
4	☐	125.000	124.890	361620.09	0.9986	P	1.0
5	☐	250.000	260.902	695941.01	2.0861	P	3.7
6	☐	500.000	502.514	1321061.85	4.0179	P	0.6
7	☐	1000.000	995.979	2673021.49	7.9634	P	1.9
8	☐			453.34	0.0014	P	16.5

$$y = 0.0080 * x + 1.1565E-005$$

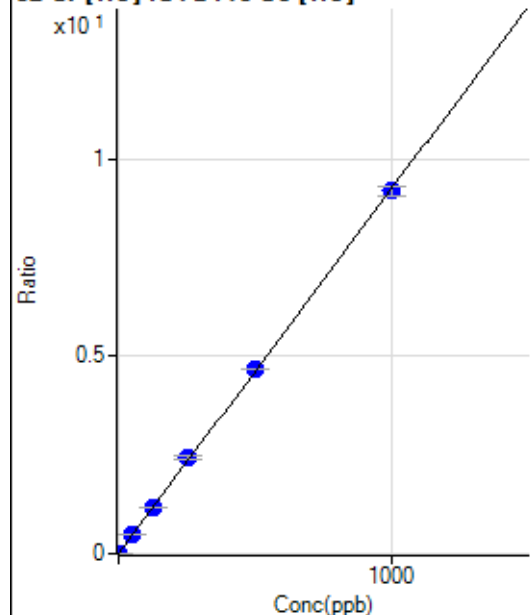
$$R = 0.9999$$

$$DL = 0.004994$$

$$BEC = 0.001446$$

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	1205.62	0.0031	P	3.0
2	☐	2.000	1.956	8120.09	0.0212	P	2.1
3	☐	50.000	52.146	179617.43	0.4853	P	3.9
4	☐	125.000	127.052	426528.97	1.1778	P	0.6
5	☐	250.000	262.549	810829.35	2.4306	P	4.1
6	☐	500.000	504.380	1534271.82	4.6665	P	0.2
7	☐	1000.000	994.309	3086753.39	9.1962	P	2.4
8	☐			20952.75	0.0624	P	9.1

$$y = 0.0092 * x + 0.0031$$

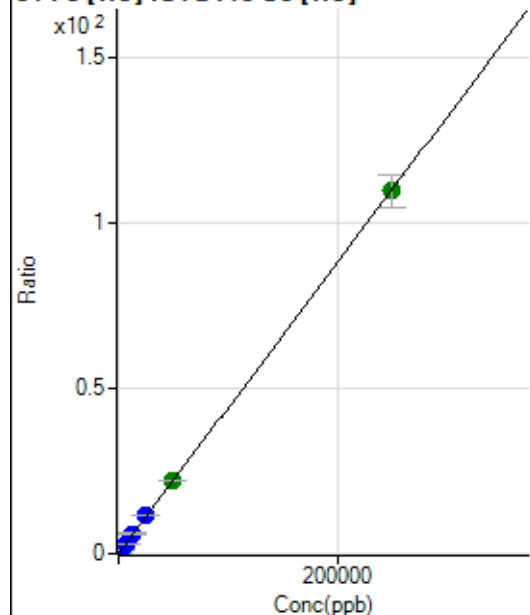
$$R = 0.9999$$

$$DL = 0.03043$$

$$BEC = 0.3381$$

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	1464.92	0.0038	P	4.6
2	☐	50.000	51.150	10060.44	0.0263	P	1.0
3	☐	2500.000	2711.595	442242.98	1.1951	P	4.8
4	☐	6250.000	6622.246	1054970.39	2.9132	P	0.7
5	☐	12500.000	13703.464	2009470.02	6.0242	P	4.6
6	☐	25000.000	26755.632	3866084.93	11.7585	P	0.6
7	☐	50000.000	50494.865	7447732.63	22.1880	A	1.7
8	☐	250000.00	249653.86	36849859.40	109.6859	A	8.8

$$y = 4.3934E-004 * x + 0.0038$$

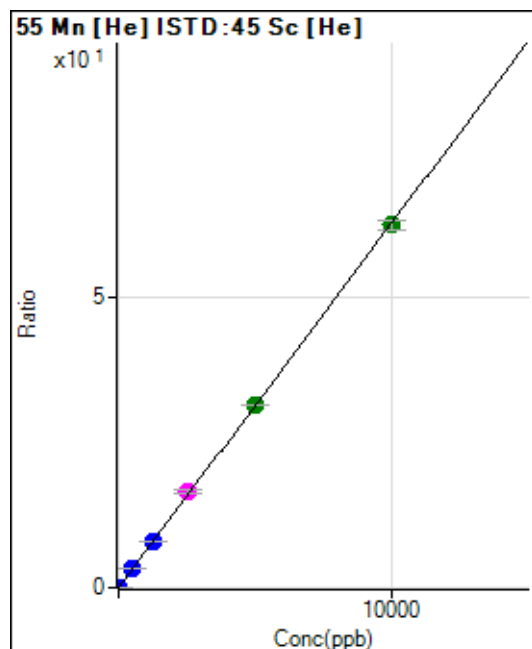
$$R = 1.0000$$

$$DL = 1.189$$

$$BEC = 8.648$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	98.89	0.0003	P	37.0
2	☐	1.000	0.950	2384.66	0.0062	P	5.6
3	☐	500.000	520.042	1208901.21	3.2671	P	5.0
4	☐	1250.000	1263.048	2873384.06	7.9345	P	0.8
5	☐	2500.000	2616.945	5483606.86	16.4395	M	4.2
6	☐	5000.000	5023.433	10375316.44	31.5567	A	0.2
7	☐	10000.000	9956.414	20993631.91	62.5450	A	2.3
8	☐			13925.56	0.0415	P	9.7

$$y = 0.0063 * x + 2.5682E-004$$

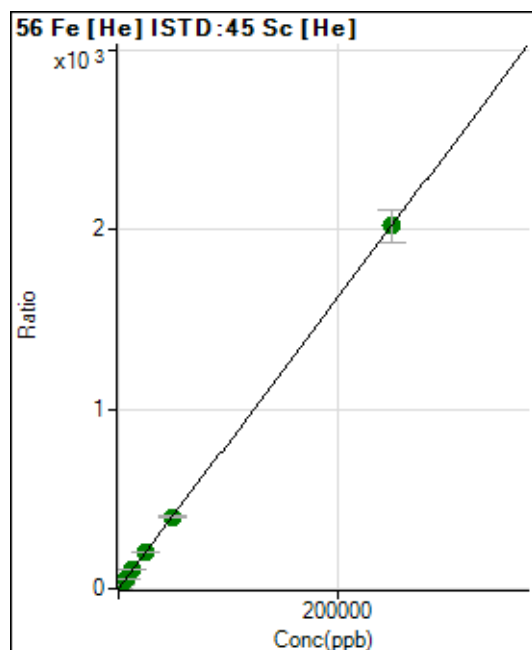
$$R = 0.9999$$

$$DL = 0.04543$$

$$BEC = 0.04088$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8812.01	0.0228	P	3.5
2	☐	50.000	49.099	160501.95	0.4193	P	3.5
3	☐	2500.000	2538.692	7595736.63	20.5211	A	3.9
4	☐	6250.000	6214.029	18178333.51	50.1970	A	0.2
5	☐	12500.000	13009.676	35045005.64	105.0674	A	4.7
6	☐	25000.000	25282.881	67130022.80	204.1655	A	1.0
7	☐	50000.000	49554.303	134312740.0	400.1412	A	1.8
8	☐	250000.00	250035.88	678285948.4	2,018.897	A	8.7

$$y = 0.0081 * x + 0.0228$$

$$R = 1.0000$$

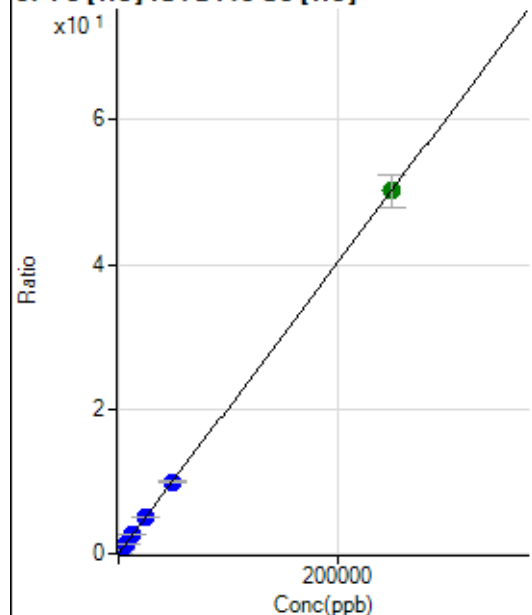
$$DL = 0.2936$$

$$BEC = 2.83$$

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	342.61	0.0009	P	7.7
2	☐	50.000	47.135	3959.87	0.0103	P	6.5
3	☐	2500.000	2585.026	192336.81	0.5197	P	4.5
4	☐	6250.000	6332.194	460561.45	1.2718	P	0.8
5	☐	12500.000	13164.934	881714.43	2.6432	P	4.2
6	☐	25000.000	25581.146	1688400.49	5.1352	P	0.8
7	☐	50000.000	49604.663	3342103.31	9.9568	P	2.1
8	☐	250000.00	249984.80	16855448.18	50.1742	A	8.9

$$y = 2.0071\text{E-}004 * x + 8.8857\text{E-}004$$

$$R = 1.0000$$

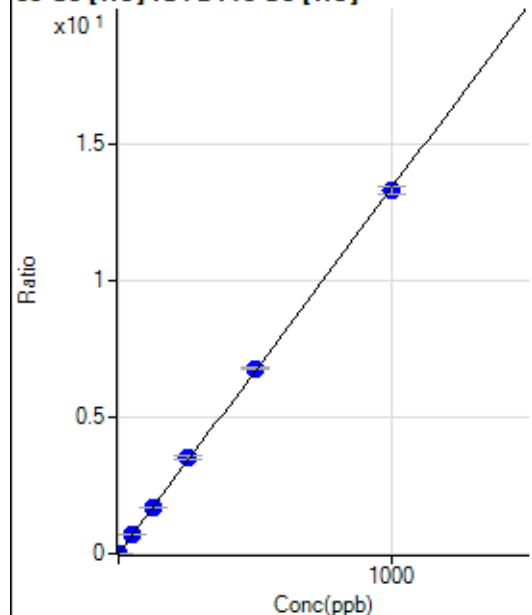
$$DL = 1.024$$

$$BEC = 4.427$$

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	58.89	0.0002	P	31.8
2	☐	1.000	0.984	5093.14	0.0133	P	0.6
3	☐	50.000	52.573	260163.92	0.7029	P	4.1
4	☐	125.000	128.021	619774.90	1.7114	P	0.7
5	☐	250.000	264.474	1179323.93	3.5355	P	4.3
6	☐	500.000	506.595	2226491.63	6.7720	P	0.6
7	☐	1000.000	992.578	4453627.99	13.2682	P	2.0
8	☐			6922.79	0.0206	P	10.3

$$y = 0.0134 * x + 1.5289\text{E-}004$$

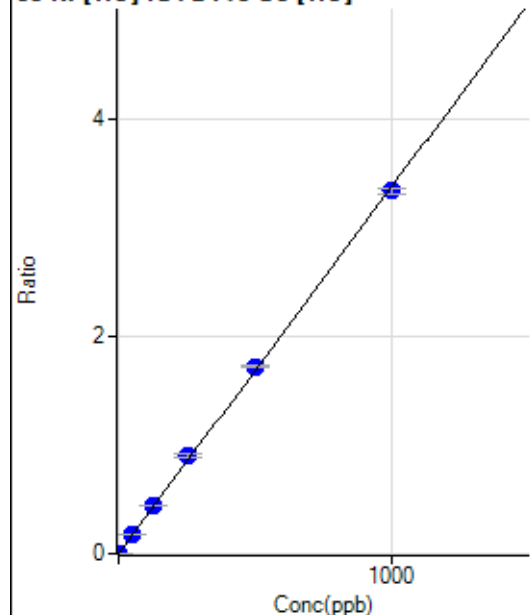
$$R = 0.9999$$

$$DL = 0.01092$$

$$BEC = 0.01144$$

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	143.33	0.0004	P	18.9
2	☐	1.000	1.043	1488.98	0.0039	P	7.2
3	☐	50.000	53.494	66895.90	0.1807	P	4.0
4	☐	125.000	129.288	157987.77	0.4363	P	1.0
5	☐	250.000	267.182	300600.67	0.9012	P	4.4
6	☐	500.000	510.833	566378.09	1.7227	P	0.3
7	☐	1000.000	989.577	1120024.85	3.3368	P	1.9
8	☐			5409.94	0.0161	P	12.7

$$y = 0.0034 * x + 3.7162E-004$$

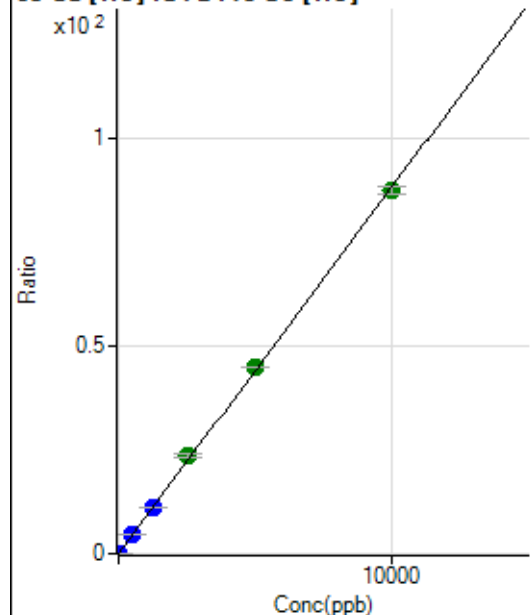
$$R = 0.9997$$

$$DL = 0.06242$$

$$BEC = 0.1102$$

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	2565.80	0.0067	P	2.7
2	☐	2.000	1.883	8909.46	0.0233	P	2.6
3	☐	500.000	521.128	1705132.98	4.6073	P	4.4
4	☐	1250.000	1263.580	4042113.52	11.1619	P	0.7
5	☐	2500.000	2682.711	7902738.50	23.6903	A	4.1
6	☐	5000.000	5089.831	14775505.48	44.9410	A	0.5
7	☐	10000.000	9906.653	29358358.17	87.4651	A	2.2
8	☐			19662.17	0.0585	P	8.0

$$y = 0.0088 * x + 0.0067$$

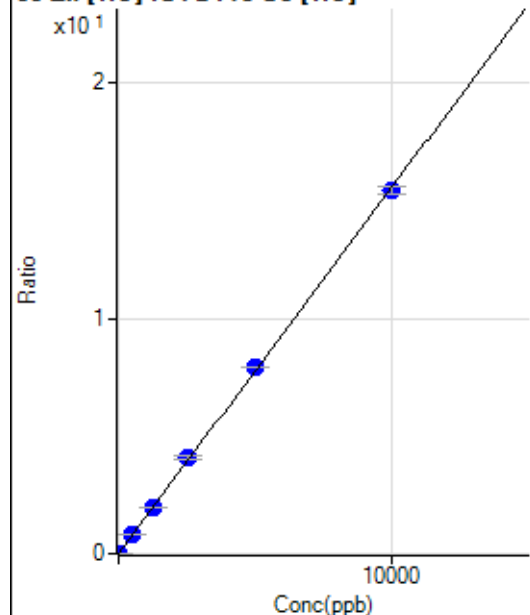
$$R = 0.9997$$

$$DL = 0.06004$$

$$BEC = 0.7537$$

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	195.56	0.0005	P	18.0
2	☐	2.000	1.993	1381.19	0.0036	P	3.6
3	☐	500.000	517.589	298042.05	0.8053	P	4.2
4	☐	1250.000	1265.691	712844.14	1.9684	P	0.6
5	☐	2500.000	2636.270	1367526.92	4.0995	P	4.2
6	☐	5000.000	5093.361	2603910.12	7.9198	P	0.3
7	☐	10000.000	9916.411	5175448.71	15.4189	P	2.2
8	☐			7525.33	0.0224	P	7.3

$$y = 0.0016 * x + 5.0702E-004$$

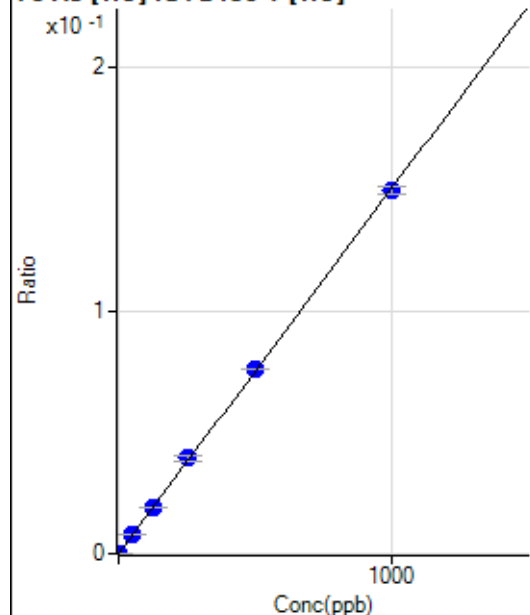
$$R = 0.9998$$

$$DL = 0.1766$$

$$BEC = 0.3261$$

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	11.11	0.0000	P	28.7
2	☐	1.000	1.038	427.17	0.0002	P	6.1
3	☐	50.000	52.696	20723.99	0.0079	P	4.5
4	☐	125.000	128.248	49241.39	0.0193	P	0.7
5	☐	250.000	261.332	94447.48	0.0393	P	4.8
6	☐	500.000	505.208	180758.12	0.0759	P	0.4
7	☐	1000.000	994.022	363717.17	0.1494	P	2.0
8	☐			157.41	0.0001	P	15.4

$$y = 1.5030E-004 * x + 4.1062E-006$$

$$R = 0.9999$$

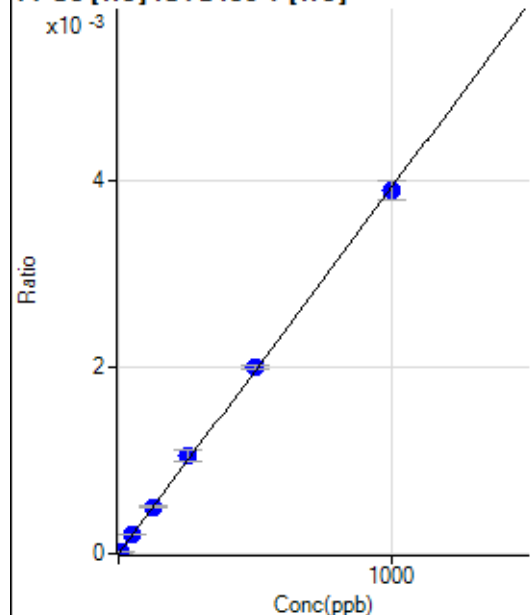
$$DL = 0.02354$$

$$BEC = 0.02732$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	5.000	4.352	46.67	0.0000	P	25.2
3	☐	50.000	54.235	557.79	0.0002	P	2.0
4	☐	125.000	128.383	1286.74	0.0005	P	3.7
5	☐	250.000	267.301	2519.13	0.0010	P	10.5
6	☐	500.000	508.180	4745.27	0.0020	P	2.5
7	☐	1000.000	990.953	9459.83	0.0039	P	5.2
8	☐			2.22	0.0000	P	87.3

$$y = 3.9210\text{E-}006 * x + 4.1050\text{E-}007$$

$$R = 0.9998$$

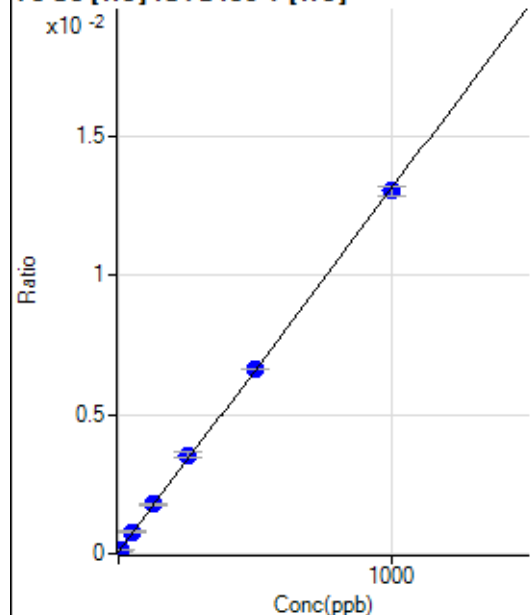
$$DL = 0.544$$

$$BEC = 0.1047$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	182.72	0.0001	P	4.1
2	☐	5.000	4.678	343.22	0.0001	P	1.8
3	☐	50.000	54.432	2035.34	0.0008	P	4.8
4	☐	125.000	129.843	4502.57	0.0018	P	2.0
5	☐	250.000	267.007	8543.29	0.0036	P	5.4
6	☐	500.000	503.628	15814.20	0.0066	P	0.5
7	☐	1000.000	993.109	31732.07	0.0130	P	2.7
8	☐			156.79	0.0001	P	18.4

$$y = 1.3058\text{E-}005 * x + 6.7544\text{E-}005$$

$$R = 0.9998$$

$$DL = 0.6417$$

$$BEC = 5.173$$

Weight: <None>

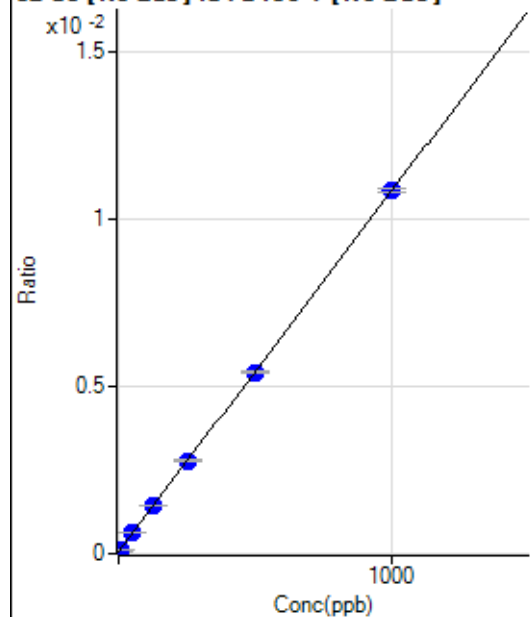
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6776.80		P	2.8
2	☐			6354.36		P	2.3
3	☐			6529.43		P	3.1
4	☐			6223.69		P	3.7
5	☐			5670.69		P	4.9
6	☐			5251.09		P	1.7
7	☐			5698.50		P	3.2
8	☐			5981.98		P	2.3

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			56.72		P	36.7
2	☐			86.76		P	40.5
3	☐			40.04		P	NaN
4	☐			36.70		P	41.7
5	☐			53.39		P	43.3
6	☐			50.05		P	72.1
7	☐			83.42		P	54.1
8	☐			80.08		P	43.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	623.83	0.0001	P	3.9
2	☐	5.000	5.205	1216.48	0.0001	P	2.9
3	☐	50.000	51.917	6444.34	0.0006	P	1.3
4	☐	125.000	126.966	14650.08	0.0014	P	1.0
5	☐	250.000	252.152	27948.67	0.0028	P	3.4
6	☐	500.000	497.448	52804.26	0.0054	P	0.4
7	☐	1000.000	1000.395	103301.95	0.0108	P	1.1
8	☐			628.47	0.0001	P	6.3

$$y = 1.0770E-005 * x + 6.0674E-005$$

R = 1.0000

DL = 0.6535

BEC = 5.634

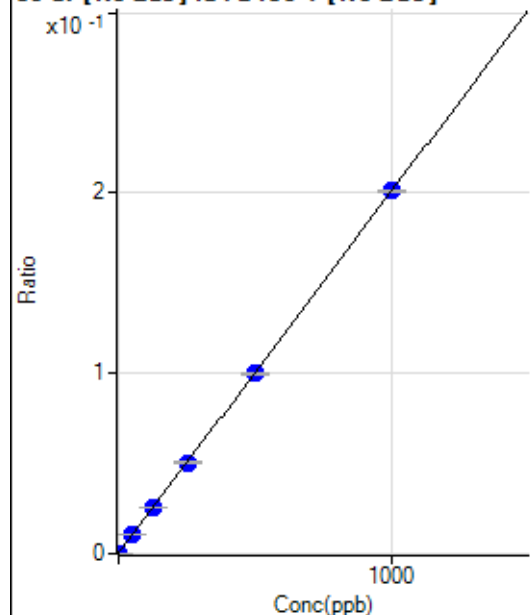
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			1113.39		P	3.6
2	☐			1057.83		P	2.8
3	☐			1100.06		P	6.6
4	☐			1045.60		P	3.0
5	☐			1010.05		P	9.7
6	☐			987.82		P	3.6
7	☐			965.60		P	4.5
8	☐			984.49		P	5.4

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1780.72	0.0002	P	14.1
2	☐	1.000	0.929	3753.38	0.0004	P	4.2
3	☐	50.000	50.874	108047.87	0.0104	P	0.9
4	☐	125.000	125.032	259360.05	0.0253	P	1.6
5	☐	250.000	251.192	509626.19	0.0506	P	2.8
6	☐	500.000	497.286	974908.54	0.1000	P	1.1
7	☐	1000.000	1001.011	1918393.95	0.2012	P	0.4
8	☐			12830.98	0.0014	P	0.8

$$y = 2.0083\text{E-}004 * x + 1.7358\text{E-}004$$

$$R = 1.0000$$

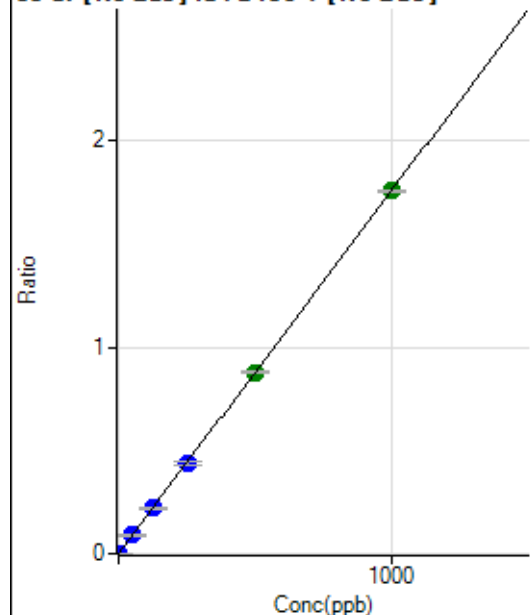
$$DL = 0.3646$$

$$BEC = 0.8643$$

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	119.45	0.0000	P	15.5
2	☐	1.000	1.022	18834.95	0.0018	P	0.7
3	☐	50.000	50.391	920211.55	0.0885	P	1.5
4	☐	125.000	124.931	2250809.38	0.2194	P	0.7
5	☐	250.000	250.859	4434708.56	0.4405	P	3.6
6	☐	500.000	500.196	8560242.38	0.8784	A	0.7
7	☐	1000.000	999.676	16738412.87	1.7555	A	0.6
8	☐			98763.06	0.0105	P	1.3

$$y = 0.0018 * x + 1.1638\text{E-}005$$

$$R = 1.0000$$

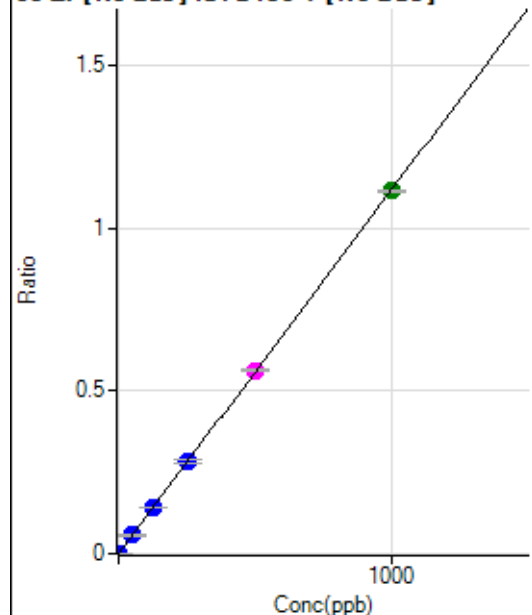
$$DL = 0.003075$$

$$BEC = 0.006627$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	494.46	0.0000	P	21.4
2	☐	1.000	0.923	11263.03	0.0011	P	1.0
3	☐	50.000	50.216	584703.27	0.0562	P	2.1
4	☐	125.000	125.607	1442430.55	0.1406	P	0.5
5	☐	250.000	252.833	2848581.97	0.2830	P	3.4
6	☐	500.000	503.458	5490594.22	0.5634	M	0.8
7	☐	1000.000	997.476	10642558.92	1.1162	A	0.6
8	☐			4317.43	0.0005	P	3.9

$$y = 0.0011 * x + 4.8040E-005$$

$$R = 1.0000$$

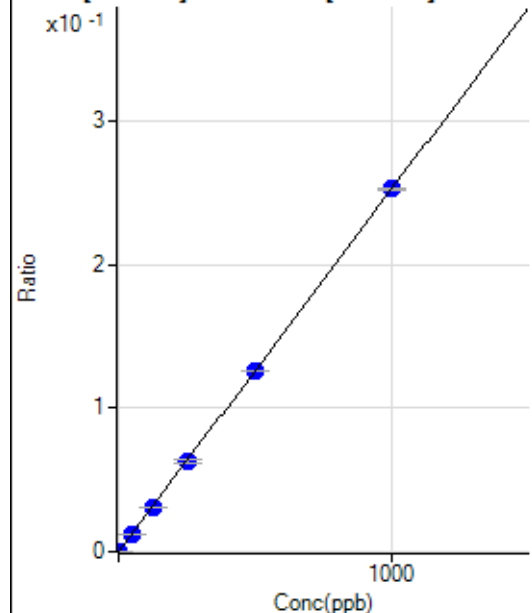
$$DL = 0.02755$$

$$BEC = 0.04293$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	94.45	0.0000	P	44.0
2	☐	1.000	1.019	2778.11	0.0003	P	8.1
3	☐	50.000	49.725	130704.51	0.0126	P	1.5
4	☐	125.000	124.119	321789.32	0.0314	P	0.2
5	☐	250.000	248.675	632481.95	0.0628	P	3.8
6	☐	500.000	498.482	1227343.99	0.1259	P	0.9
7	☐	1000.000	1001.214	2411742.70	0.2529	P	0.9
8	☐			941.72	0.0001	P	5.8

$$y = 2.5263E-004 * x + 9.1678E-006$$

$$R = 1.0000$$

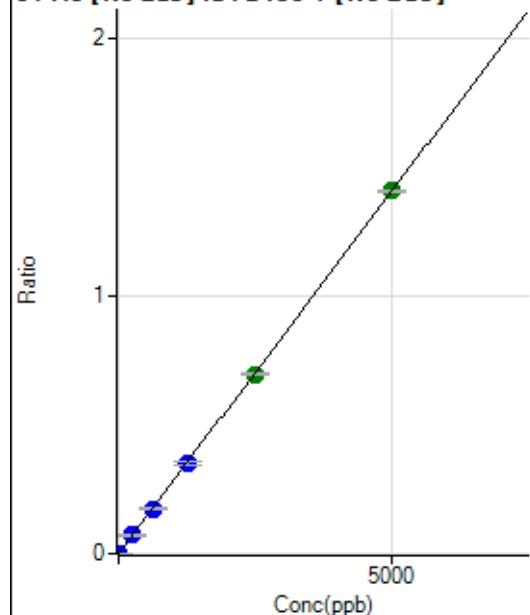
$$DL = 0.0479$$

$$BEC = 0.03629$$

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	194.45	0.0000	P	22.9
2	☐	5.000	4.729	14068.36	0.0013	P	1.3
3	☐	250.000	252.685	739650.46	0.0711	P	1.5
4	☐	625.000	623.134	1799439.34	0.1754	P	0.5
5	☐	1250.000	1250.030	3541896.17	0.3518	P	3.5
6	☐	2500.000	2480.778	6804825.24	0.6982	A	0.3
7	☐	5000.000	5009.703	13444273.48	1.4100	A	0.7
8	☐			5723.50	0.0006	P	3.3

$$y = 2.8145E-004 * x + 1.8910E-005$$

$$R = 1.0000$$

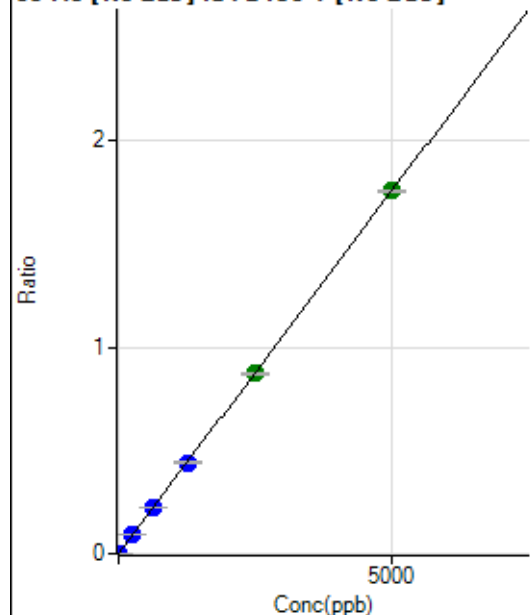
$$DL = 0.04611$$

$$BEC = 0.06719$$

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	36.11	0.0000	P	35.0
2	☐	5.000	4.868	17850.34	0.0017	P	1.4
3	☐	250.000	254.480	929046.76	0.0894	P	1.8
4	☐	625.000	629.780	2268608.69	0.2211	P	0.5
5	☐	1250.000	1256.216	4440375.53	0.4411	P	3.3
6	☐	2500.000	2484.780	8502040.73	0.8725	A	1.6
7	☐	5000.000	5005.234	16756965.83	1.7574	A	0.3
8	☐			7254.82	0.0008	P	3.7

$$y = 3.5112E-004 * x + 3.5151E-006$$

$$R = 1.0000$$

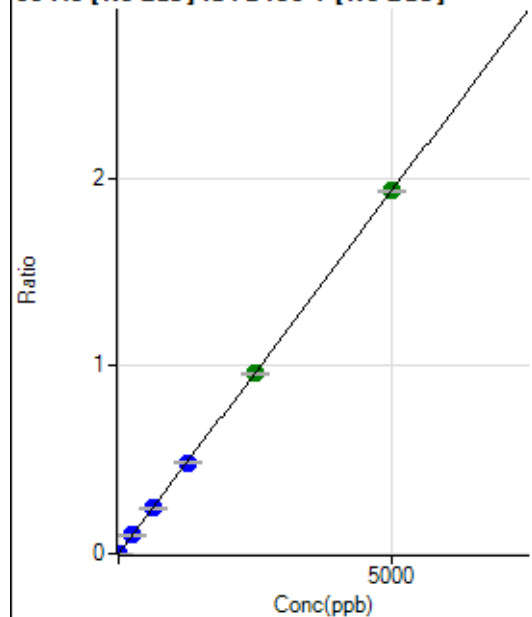
$$DL = 0.01051$$

$$BEC = 0.01001$$

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	108.34	0.0000	P	22.5
2	☐	5.000	4.718	19107.69	0.0018	P	1.6
3	☐	250.000	254.428	1022235.26	0.0983	P	2.0
4	☐	625.000	625.263	2478648.30	0.2416	P	1.0
5	☐	1250.000	1259.769	4900851.63	0.4868	P	2.9
6	☐	2500.000	2484.372	9354755.59	0.9600	A	1.7
7	☐	5000.000	5005.118	18440418.81	1.9340	A	0.9
8	☐			9103.12	0.0010	P	4.6

$$y = 3.8641\text{E-}004 * x + 1.0573\text{E-}005$$

$$R = 1.0000$$

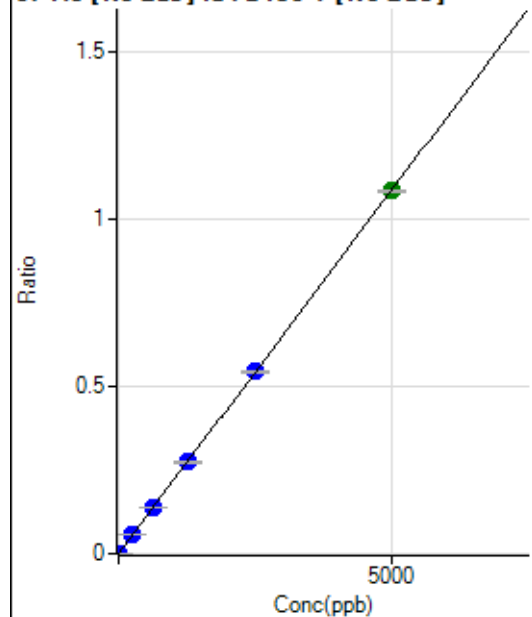
$$DL = 0.01848$$

$$BEC = 0.02736$$

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	27.78	0.0000	P	33.1
2	☐	5.000	4.815	10926.65	0.0010	P	1.5
3	☐	250.000	255.009	575876.80	0.0554	P	1.9
4	☐	625.000	626.582	1396121.49	0.1361	P	0.5
5	☐	1250.000	1263.085	2761940.80	0.2743	P	2.6
6	☐	2500.000	2505.980	5303848.77	0.5443	P	1.6
7	☐	5000.000	4993.290	10340088.60	1.0845	A	0.5
8	☐			4359.12	0.0005	P	4.0

$$y = 2.1719\text{E-}004 * x + 2.6907\text{E-}006$$

$$R = 1.0000$$

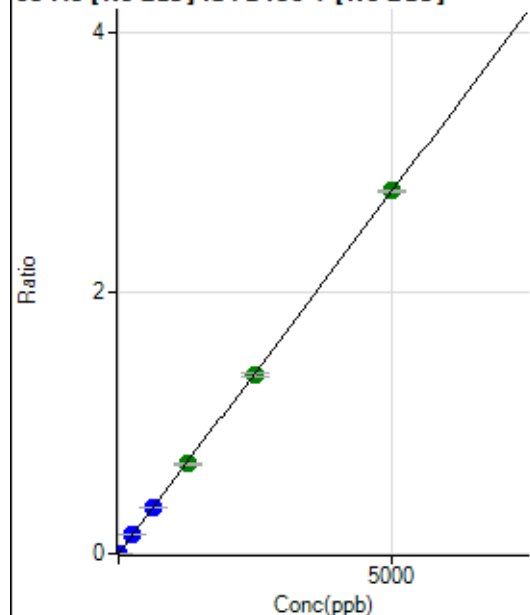
$$DL = 0.01231$$

$$BEC = 0.01239$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	52.78	0.0000	P	58.8
2	☐	5.000	4.730	27413.08	0.0026	P	0.5
3	☐	250.000	255.898	1476911.69	0.1420	P	1.3
4	☐	625.000	635.465	3618660.93	0.3527	P	0.3
5	☐	1250.000	1238.974	6923876.80	0.6877	A	2.6
6	☐	2500.000	2479.147	13409180.94	1.3761	A	2.1
7	☐	5000.000	5011.581	26522905.28	2.7817	A	0.5
8	☐			10965.55	0.0012	P	4.6

$$y = 5.5505\text{E-}004 * x + 5.0940\text{E-}006$$

$$R = 1.0000$$

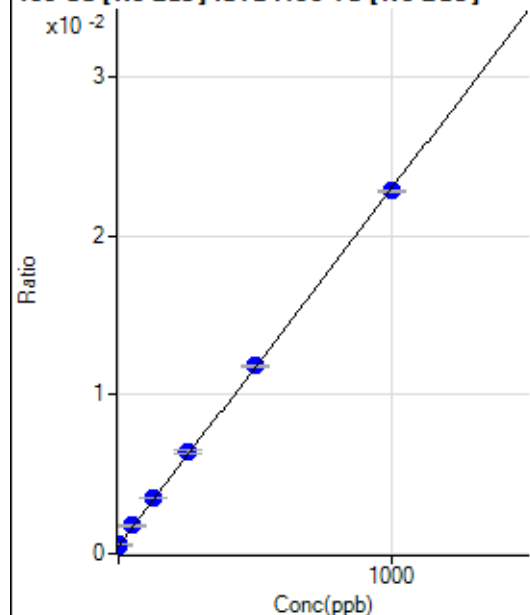
$$DL = 0.01619$$

$$BEC = 0.009177$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4003.46	0.0005	P	7.1
2	☐	1.000	2.483	4531.41	0.0006	P	3.3
3	☐	50.000	56.262	14532.76	0.0018	P	4.5
4	☐	125.000	134.578	29002.42	0.0035	P	2.5
5	☐	250.000	262.810	52491.78	0.0064	P	3.3
6	☐	500.000	502.856	97377.33	0.0118	P	0.8
7	☐	1000.000	993.858	186184.21	0.0228	P	0.5
8	☐			4139.61	0.0005	P	2.4

$$y = 2.2460\text{E-}005 * x + 5.0136\text{E-}004$$

$$R = 0.9999$$

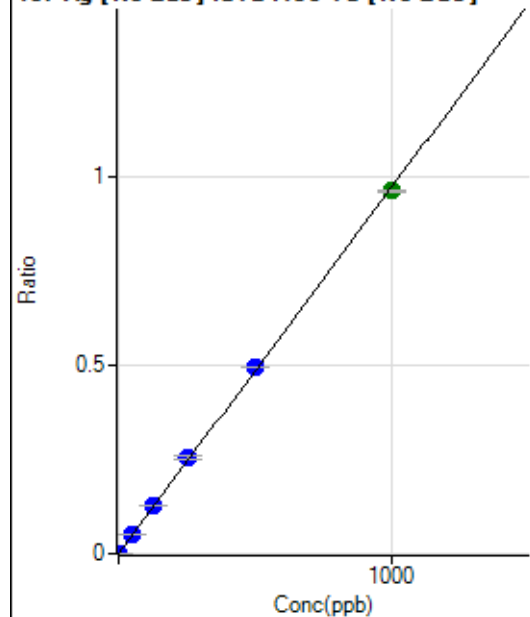
$$DL = 4.743$$

$$BEC = 22.32$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	75.00	0.0000	P	10.6
2	☐	1.000	1.044	8310.95	0.0010	P	2.8
3	☐	50.000	54.338	433932.98	0.0527	P	2.1
4	☐	125.000	132.215	1055467.44	0.1282	P	1.3
5	☐	250.000	261.279	2077000.79	0.2534	P	3.6
6	☐	500.000	510.492	4087521.66	0.4952	P	0.2
7	☐	1000.000	990.816	7839519.79	0.9610	A	0.8
8	☐			3000.39	0.0004	P	7.3

$$y = 9.6993\text{E-}004 * x + 9.3953\text{E-}006$$

$$R = 0.9998$$

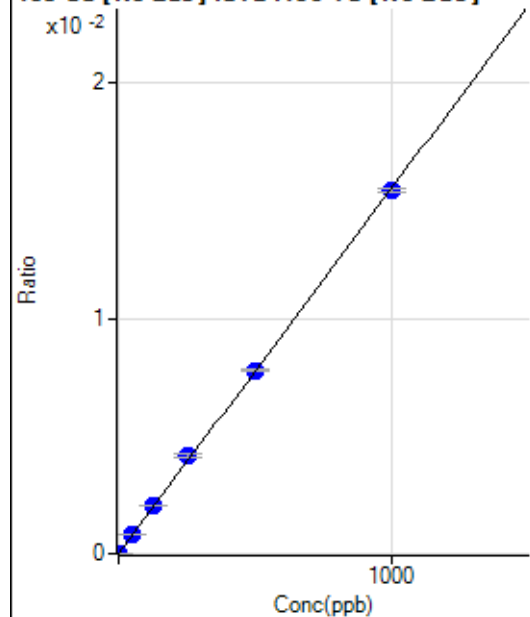
$$DL = 0.003071$$

$$BEC = 0.009687$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	23.61	0.0000	P	49.8
2	☐	1.000	1.029	154.17	0.0000	P	24.4
3	☐	50.000	54.457	6976.79	0.0008	P	2.2
4	☐	125.000	132.877	16979.68	0.0021	P	1.1
5	☐	250.000	268.286	34118.69	0.0042	P	3.2
6	☐	500.000	501.574	64221.79	0.0078	P	1.5
7	☐	1000.000	993.434	125675.14	0.0154	P	1.2
8	☐			98.61	0.0000	P	23.5

$$y = 1.5505\text{E-}005 * x + 2.9488\text{E-}006$$

$$R = 0.9998$$

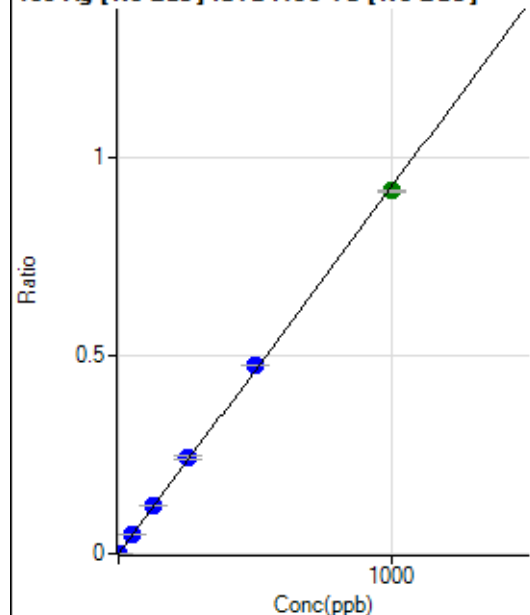
$$DL = 0.284$$

$$BEC = 0.1902$$

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	22.22	0.0000	P	42.1
2	☐	1.000	1.026	7732.86	0.0010	P	6.4
3	☐	50.000	54.243	412658.21	0.0501	P	2.7
4	☐	125.000	132.426	1007191.25	0.1224	P	1.3
5	☐	250.000	261.436	1980083.79	0.2416	P	3.6
6	☐	500.000	513.765	3919459.20	0.4748	P	0.1
7	☐	1000.000	989.118	7456719.79	0.9141	A	0.4
8	☐			2878.15	0.0004	P	5.8

$$y = 9.2414\text{E-}004 * x + 2.7767\text{E-}006$$

$$R = 0.9998$$

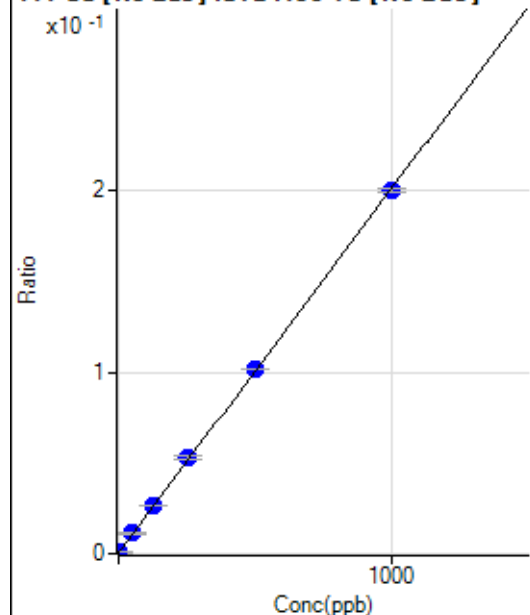
$$DL = 0.003797$$

$$BEC = 0.003005$$

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	2798.39	0.0004	P	6.9
2	☐	1.000	1.200	4807.25	0.0006	P	2.7
3	☐	50.000	53.988	92022.65	0.0112	P	1.7
4	☐	125.000	131.158	219368.68	0.0267	P	1.5
5	☐	250.000	260.632	431302.75	0.0526	P	3.2
6	☐	500.000	504.610	838350.66	0.1016	P	0.3
7	☐	1000.000	994.067	1629234.46	0.1997	P	1.1
8	☐			3569.00	0.0005	P	1.7

$$y = 2.0056\text{E-}004 * x + 3.5045\text{E-}004$$

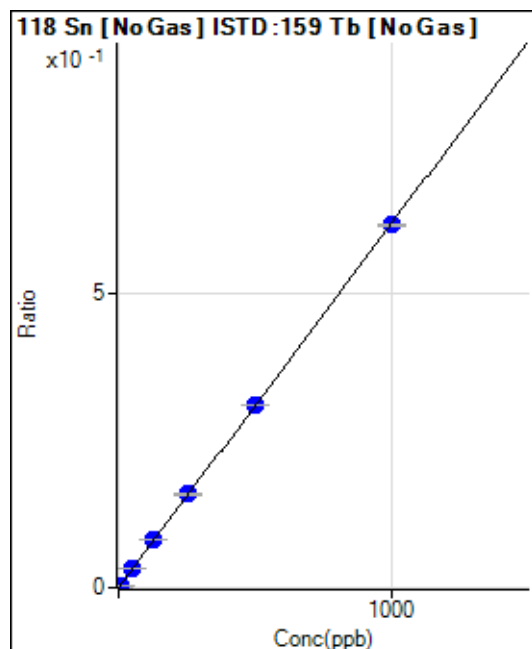
$$R = 0.9999$$

$$DL = 0.3621$$

$$BEC = 1.747$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	591.69	0.0001	P	12.1
2	☐	5.000	5.150	26544.86	0.0033	P	1.8
3	☐	50.000	52.613	268863.56	0.0327	P	2.4
4	☐	125.000	130.200	664298.56	0.0807	P	1.0
5	☐	250.000	256.982	1305233.09	0.1592	P	3.0
6	☐	500.000	502.449	2569685.26	0.3113	P	0.4
7	☐	1000.000	996.249	5034267.95	0.6171	P	0.6
8	☐			3233.78	0.0004	P	3.6

$$y = 6.1938\text{E-}004 * x + 7.4134\text{E-}005$$

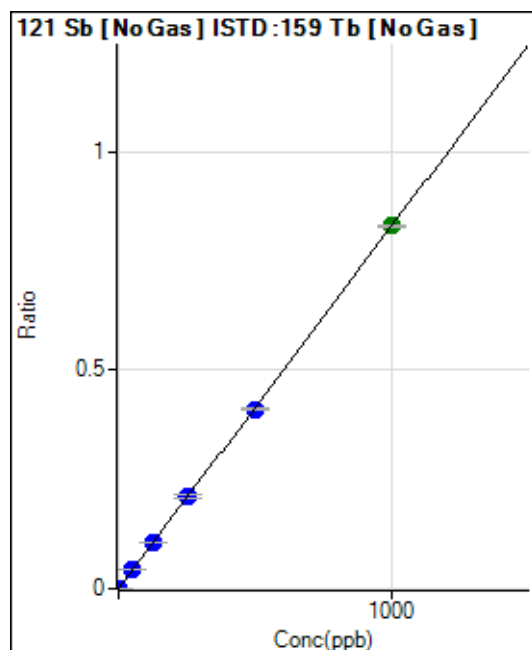
$$R = 1.0000$$

$$DL = 0.0435$$

$$BEC = 0.1197$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	83.33	0.0000	P	46.9
2	☐	2.000	1.980	13442.80	0.0017	P	4.4
3	☐	50.000	51.453	351242.90	0.0427	P	2.3
4	☐	125.000	127.856	872491.85	0.1060	P	0.9
5	☐	250.000	255.286	1734975.76	0.2117	P	2.8
6	☐	500.000	494.836	3386917.05	0.4103	P	1.0
7	☐	1000.000	1000.831	6768981.92	0.8298	A	0.6
8	☐			4595.33	0.0006	P	5.2

$$y = 8.2908\text{E-}004 * x + 1.0471\text{E-}005$$

$$R = 1.0000$$

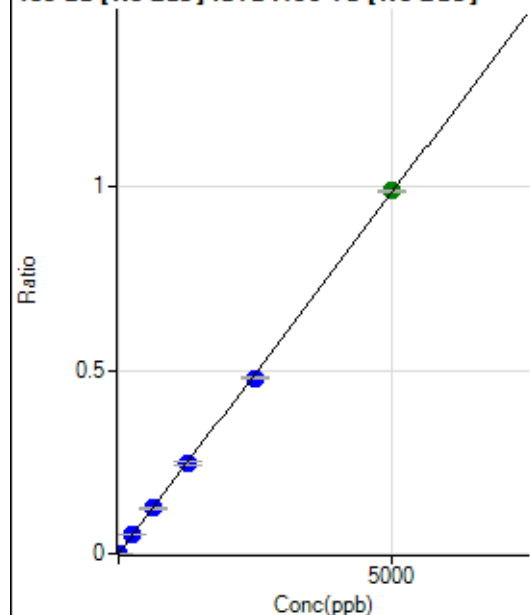
$$DL = 0.01777$$

$$BEC = 0.01263$$

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	25.00	0.0000	P	1.2
2	☐	10.000	9.997	16015.16	0.0020	P	1.0
3	☐	250.000	255.242	413226.21	0.0502	P	1.4
4	☐	625.000	627.027	1014784.58	0.1233	P	1.3
5	☐	1250.000	1254.660	2022208.29	0.2467	P	3.3
6	☐	2500.000	2433.993	3951302.83	0.4786	P	0.7
7	☐	5000.000	5031.323	8070926.74	0.9894	A	0.7
8	☐			3108.77	0.0004	P	1.5

$$y = 1.9665E-004 * x + 3.1329E-006$$

$$R = 0.9999$$

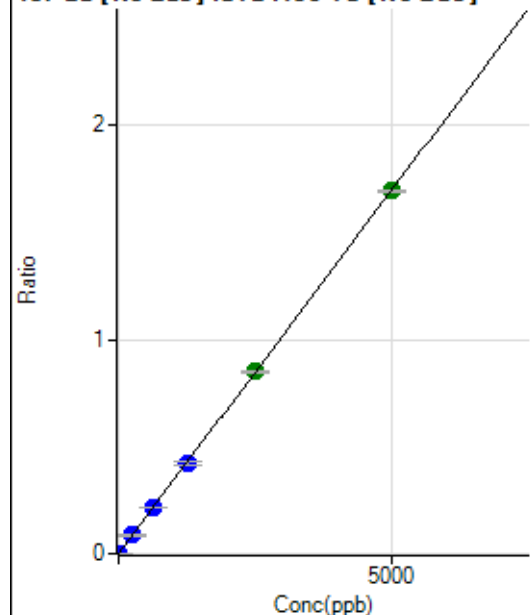
$$DL = 0.0005948$$

$$BEC = 0.01593$$

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	52.78	0.0000	P	48.5
2	☐	10.000	9.929	27447.01	0.0034	P	1.9
3	☐	250.000	253.153	706992.15	0.0859	P	1.4
4	☐	625.000	627.965	1753136.50	0.2130	P	1.2
5	☐	1250.000	1250.890	3477282.50	0.4243	P	3.9
6	☐	2500.000	2511.399	7032739.05	0.8519	A	1.2
7	☐	5000.000	4993.550	13817864.89	1.6939	A	0.3
8	☐			5659.63	0.0007	P	4.6

$$y = 3.3921E-004 * x + 6.6300E-006$$

$$R = 1.0000$$

$$DL = 0.02846$$

$$BEC = 0.01955$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

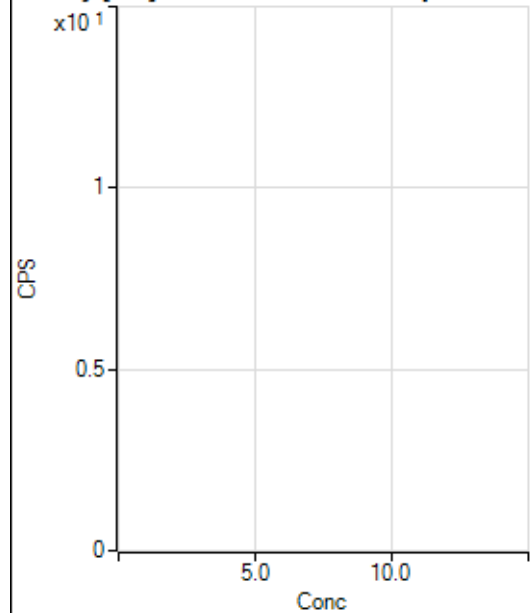
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	114.
2	☐			4.45		P	86.6
3	☐			33.33		P	20.0
4	☐			80.00		P	16.7
5	☐			177.78		P	34.0
6	☐			357.79		P	21.2
7	☐			837.82		P	3.3
8	☐			60.00		P	29.4

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			2.22		P	86.6
3	☐			8.89		P	21.6
4	☐			13.33		P	25.0
5	☐			30.00		P	29.4
6	☐			86.67		P	33.5
7	☐			232.23		P	6.8
8	☐			17.78		P	39.0

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.89		P	69.3
2	☐			5.56		P	173.
3	☐			38.89		P	44.6
4	☐			83.34		P	20.0
5	☐			155.56		P	3.1
6	☐			311.12		P	30.1
7	☐			655.59		P	9.7
8	☐			1755.72		P	8.1

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.78		P	65.5
2	☐			7.78		P	49.5
3	☐			17.78		P	47.2
4	☐			52.22		P	9.7
5	☐			91.11		P	5.6
6	☐			191.11		P	6.1
7	☐			366.68		P	6.4
8	☐			1183.40		P	4.8

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

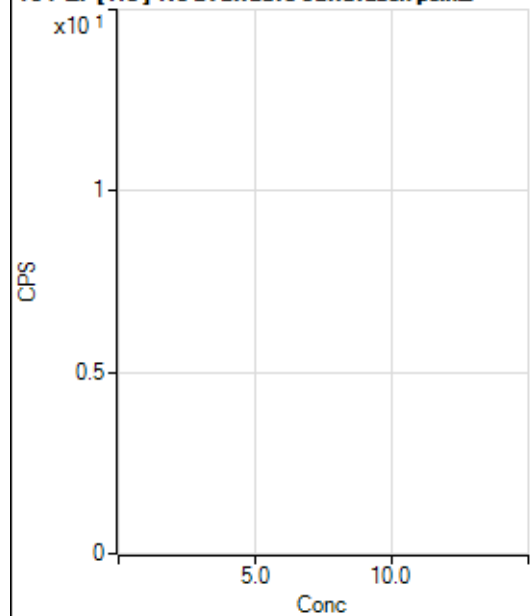
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			55.56		P	31.2
2	☐			94.45		P	28.4
3	☐			97.22		P	4.9
4	☐			122.22		P	23.9
5	☐			186.12		P	9.3
6	☐			297.23		P	27.5
7	☐			555.58		P	10.9
8	☐			2055.77		P	5.9

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			68.89		P	24.4
2	☐			46.66		P	12.4
3	☐			85.56		P	22.5
4	☐			101.11		P	18.2
5	☐			122.23		P	12.3
6	☐			238.89		P	19.0
7	☐			453.34		P	7.0
8	☐			1322.30		P	8.0

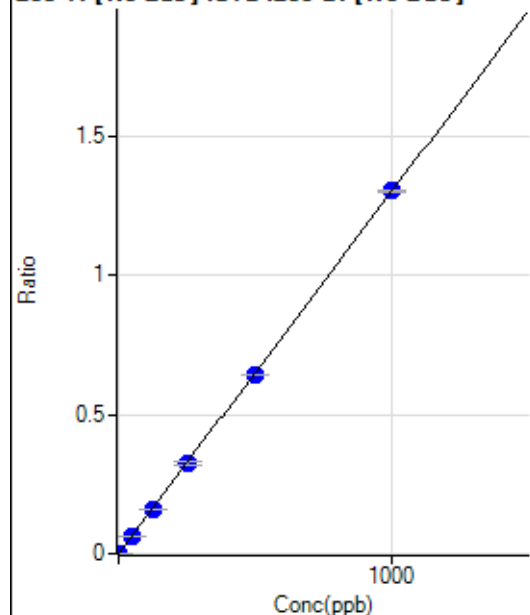
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			33.33		P	66.2
2	☐			55.55		P	8.7
3	☐			44.44		P	39.0
4	☐			44.45		P	47.2
5	☐			55.56		P	37.8
6	☐			102.78		P	12.4
7	☐			172.23		P	7.4
8	☐			280.56		P	14.7

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	17.3
2	☐			27.78		P	42.1
3	☐			25.56		P	30.1
4	☐			30.00		P	19.2
5	☐			41.11		P	32.8
6	☐			54.44		P	18.7
7	☐			112.22		P	12.0
8	☐			183.34		P	16.2

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	405.57	0.0001	P	20.5
2	☐	1.000	0.925	6259.98	0.0013	P	3.0
3	☐	50.000	49.244	310693.21	0.0641	P	1.4
4	☐	125.000	123.755	780379.62	0.1611	P	0.9
5	☐	250.000	249.009	1582320.76	0.3240	P	4.2
6	☐	500.000	495.440	3190553.87	0.6446	P	0.4
7	☐	1000.000	1002.721	6305543.11	1.3045	P	0.5
8	☐			2544.76	0.0006	P	20.4

$$y = 0.0013 * x + 8.5170E-005$$

$$R = 1.0000$$

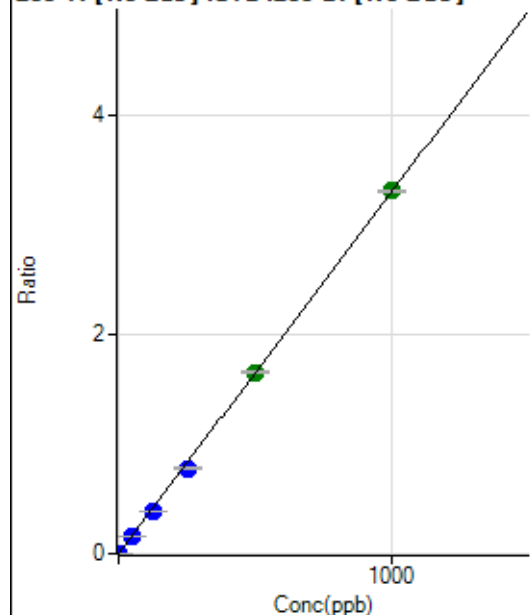
$$DL = 0.04032$$

$$BEC = 0.06547$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	891.72	0.0002	P	9.0
2	☐	1.000	0.886	15103.28	0.0031	P	3.4
3	☐	50.000	46.851	749581.08	0.1548	P	1.1
4	☐	125.000	117.310	1875933.46	0.3872	P	1.2
5	☐	250.000	236.572	3812902.91	0.7807	P	3.7
6	☐	500.000	501.962	8197936.47	1.6563	A	0.6
7	☐	1000.000	1003.495	16003452.62	3.3110	A	0.5
8	☐			6087.66	0.0014	P	8.5

$$y = 0.0033 * x + 1.8776E-004$$

$$R = 0.9999$$

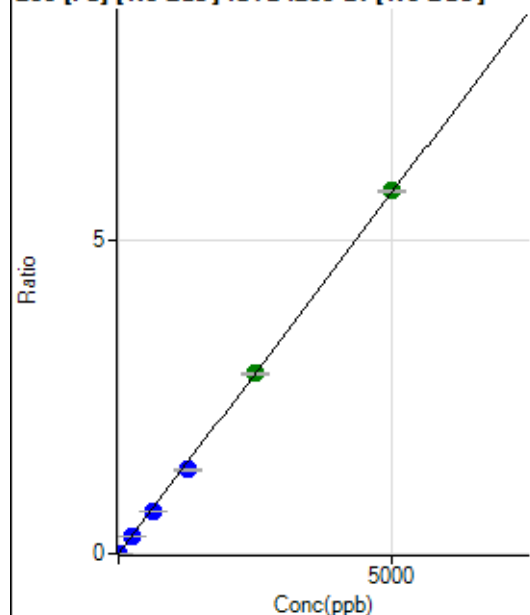
$$DL = 0.01534$$

$$BEC = 0.05691$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	646.33	0.0001	P	1.8
2	☐	1.000	0.914	5756.88	0.0012	P	3.0
3	☐	250.000	228.734	1273476.81	0.2629	P	0.6
4	☐	625.000	576.027	3206802.21	0.6619	P	1.1
5	☐	1250.000	1161.679	6518555.82	1.3348	P	4.0
6	☐	2500.000	2502.176	14229242.33	2.8749	A	1.2
7	☐	5000.000	5028.177	27922425.16	5.7770	A	0.5
8	☐			52012.12	0.0120	P	0.8

$$y = 0.0011 * x + 1.3595E-004$$

R = 0.9998

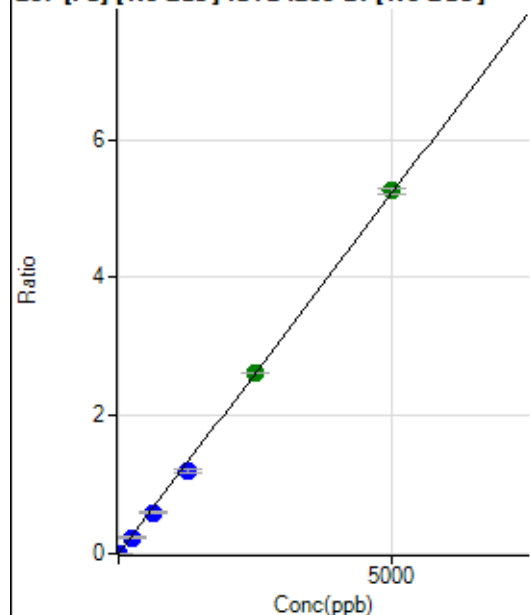
DL = 0.00648

BEC = 0.1183

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	596.32	0.0001	P	26.0
2	☐	1.000	0.865	4993.62	0.0010	P	3.8
3	☐	250.000	226.166	1143591.56	0.2361	P	0.7
4	☐	625.000	569.361	2878686.70	0.5942	P	1.5
5	☐	1250.000	1147.147	5846004.12	1.1971	P	4.1
6	☐	2500.000	2497.598	12899663.37	2.6062	A	0.1
7	☐	5000.000	5035.061	25393558.67	5.2539	A	1.6
8	☐			46564.63	0.0108	P	1.3

$$y = 0.0010 * x + 1.2579E-004$$

R = 0.9998

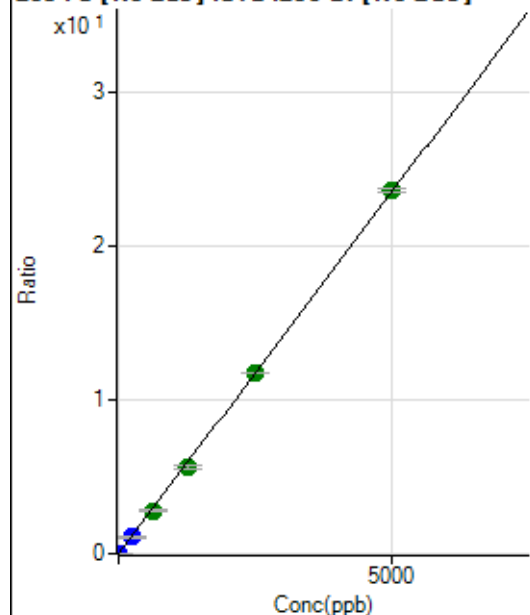
DL = 0.09397

BEC = 0.1206

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	2646.45	0.0006	P	8.0
2	☐	1.000	0.878	22728.28	0.0047	P	0.9
3	☐	250.000	226.659	5158137.64	1.0650	P	0.9
4	☐	625.000	597.822	13603679.24	2.8080	A	1.4
5	☐	1250.000	1204.302	27625156.34	5.6561	A	3.6
6	☐	2500.000	2492.505	57939175.60	11.7057	A	0.3
7	☐	5000.000	5019.736	113940371.7	23.5739	A	1.2
8	☐			208623.03	0.0482	P	1.0

$$y = 0.0047 * x + 5.5721E-004$$

$$R = 0.9999$$

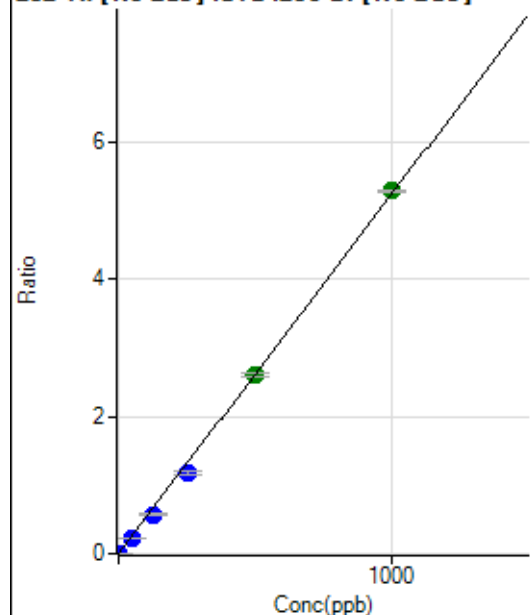
$$DL = 0.02848$$

$$BEC = 0.1187$$

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	375.94	0.0001	P	14.7
2	☐	1.000	-0.006	238.90	0.0000	P	2.0
3	☐	50.000	43.183	1096075.78	0.2263	P	1.9
4	☐	125.000	109.524	2779892.89	0.5738	P	1.5
5	☐	250.000	224.837	5753124.90	1.1779	P	3.7
6	☐	500.000	497.279	12893733.62	2.6051	A	1.3
7	☐	1000.000	1009.928	25572842.47	5.2907	A	0.9
8	☐			4589.78	0.0011	P	11.6

$$y = 0.0052 * x + 7.9063E-005$$

$$R = 0.9996$$

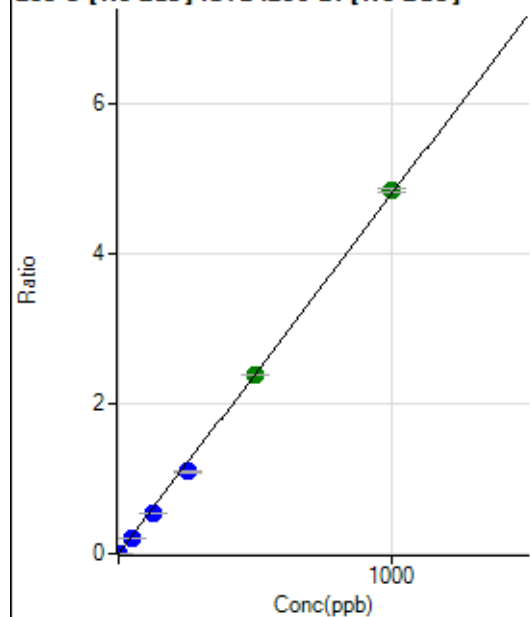
$$DL = 0.006633$$

$$BEC = 0.01509$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	30.56	0.0000	P	40.7
2	☐	1.000	0.879	20491.54	0.0042	P	0.5
3	☐	50.000	43.964	1020472.19	0.2107	P	0.7
4	☐	125.000	111.410	2586581.44	0.5339	P	1.1
5	☐	250.000	227.430	5323254.33	1.0899	P	3.7
6	☐	500.000	496.562	11778436.72	2.3797	A	0.2
7	☐	1000.000	1009.362	23380645.83	4.8371	A	1.1
8	☐			4081.30	0.0009	P	6.5

$$y = 0.0048 * x + 6.4028E-006$$

$$R = 0.9997$$

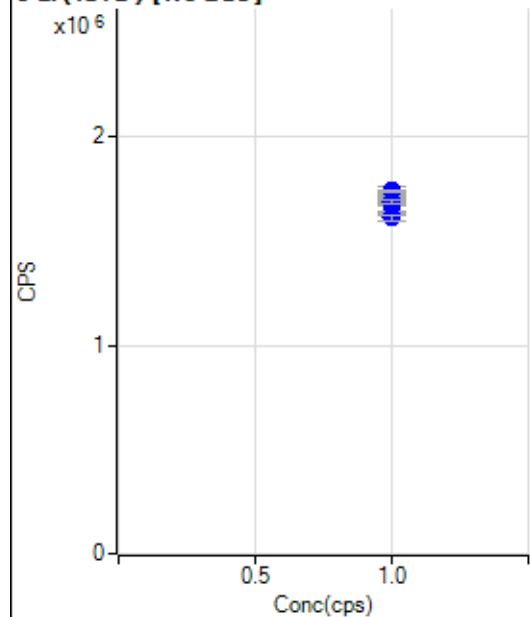
$$DL = 0.00163$$

$$BEC = 0.001336$$

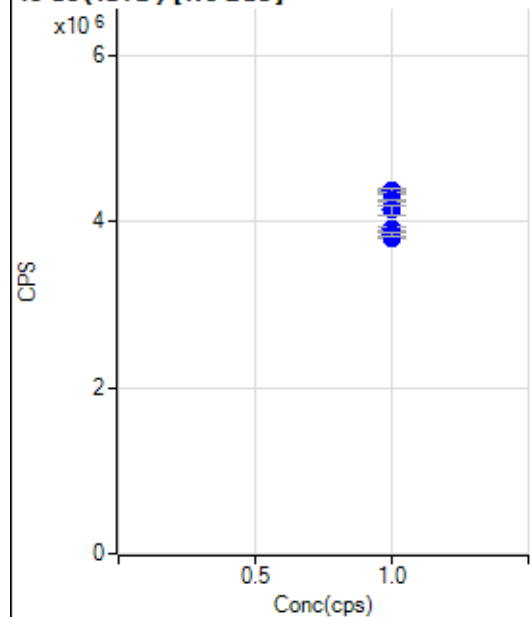
Weight: <None>

Min Conc: 0

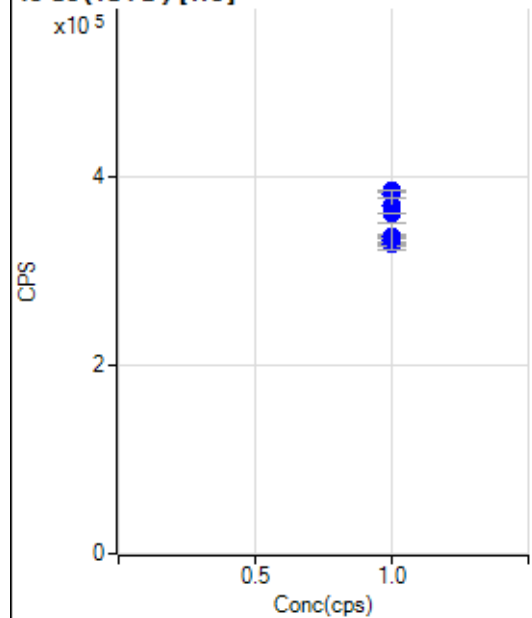
6 Li (ISTD) [No Gas]



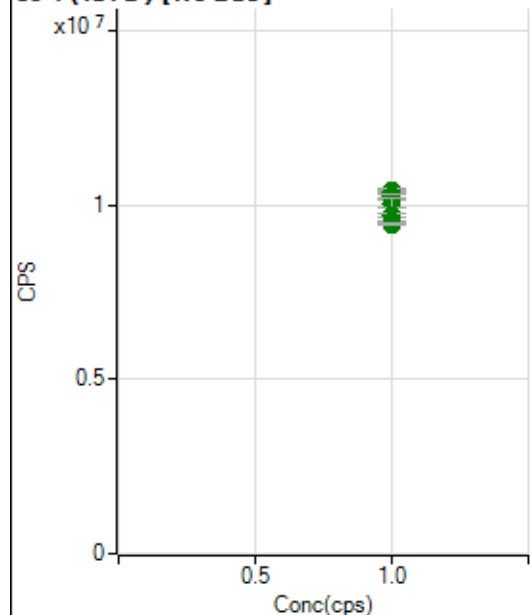
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1637361.05		P	0.4
2	☐	1.000		1679565.20		P	0.7
3	☐	1.000		1705980.70		P	0.5
4	☐	1.000		1720139.54		P	0.4
5	☐	1.000		1741539.16		P	2.6
6	☐	1.000		1742465.04		P	0.3
7	☐	1.000		1693446.83		P	1.2
8	☐	1.000		1613668.26		P	1.5

45 Sc (ISTD) [No Gas]

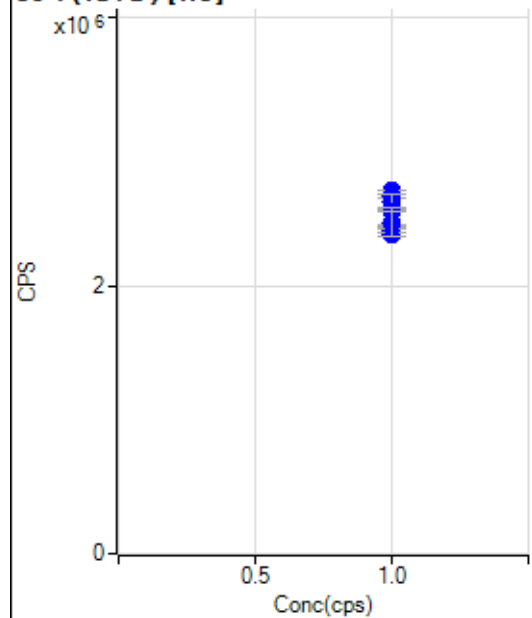
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4361751.25		P	1.7
2	☐	1.000		4361587.78		P	0.9
3	☐	1.000		4364779.90		P	1.0
4	☐	1.000		4248385.91		P	0.5
5	☐	1.000		4131607.12		P	2.5
6	☐	1.000		3914552.02		P	1.1
7	☐	1.000		3802068.45		P	0.3
8	☐	1.000		3845147.13		P	1.5

45 Sc (ISTD) [He]

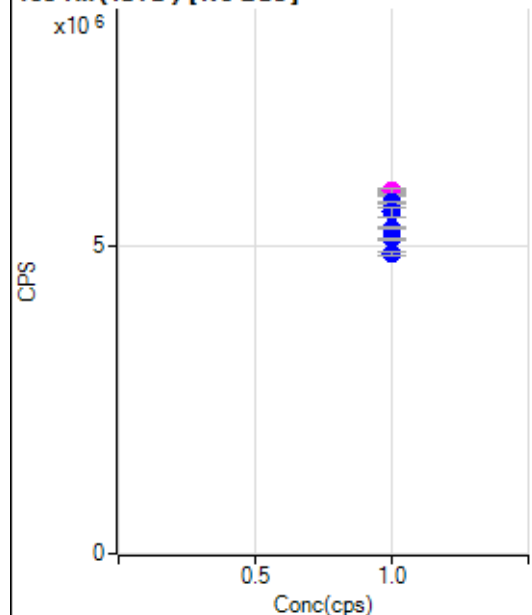
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		385649.94		P	0.7
2	☐	1.000		382950.80		P	2.0
3	☐	1.000		370570.78		P	4.4
4	☐	1.000		362140.02		P	0.3
5	☐	1.000		333824.55		P	2.9
6	☐	1.000		328780.14		P	1.3
7	☐	1.000		335688.49		P	0.6
8	☐	1.000		337671.32		P	8.7

89 Y (ISTD) [No Gas]

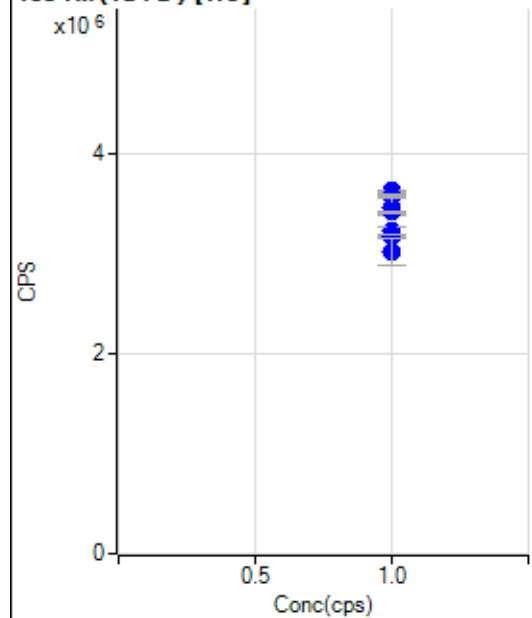
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10276954.50		A	2.1
2	☐	1.000		10422232.55		A	0.7
3	☐	1.000		10398578.32		A	1.6
4	☐	1.000		10259348.60		A	1.1
5	☐	1.000		10072358.95		A	2.4
6	☐	1.000		9745786.45		A	1.2
7	☐	1.000		9534757.08		A	0.5
8	☐	1.000		9449617.22		A	0.5

89 Y (ISTD) [He]

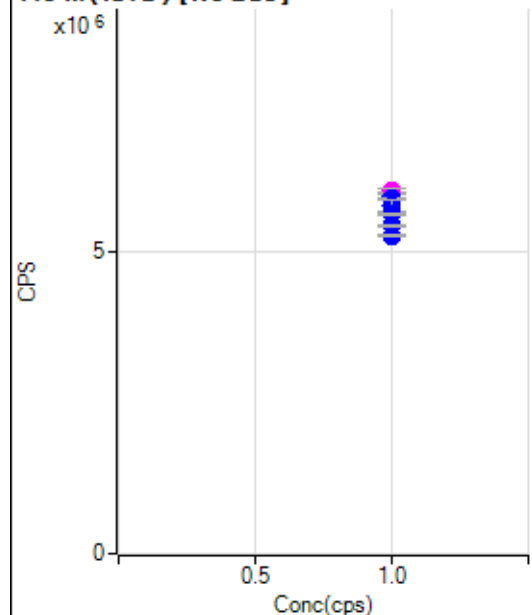
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2705121.90		P	0.1
2	☐	1.000		2668075.66		P	0.8
3	☐	1.000		2618728.21		P	4.5
4	☐	1.000		2554008.71		P	0.3
5	☐	1.000		2406887.92		P	3.7
6	☐	1.000		2380384.12		P	1.7
7	☐	1.000		2434567.24		P	0.5
8	☐	1.000		2469714.82		P	8.8

103 Rh (ISTD) [No Gas]

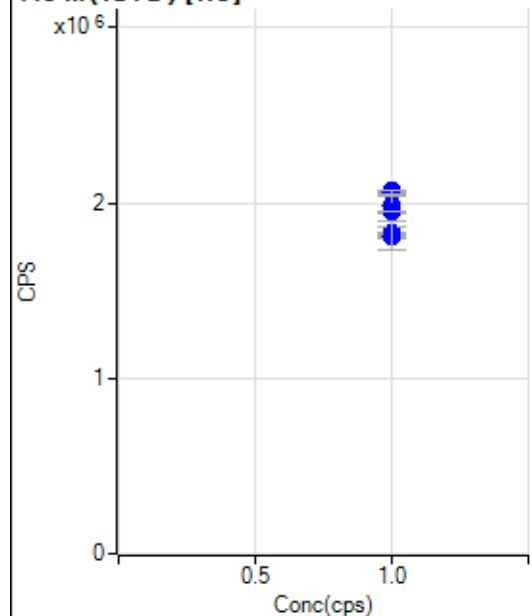
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5842182.48		P	1.4
2	☐	1.000		5894874.36		P	0.7
3	☐	1.000		5891216.44		M	2.0
4	☐	1.000		5709107.00		P	0.2
5	☐	1.000		5554238.46		P	3.0
6	☐	1.000		5284106.00		P	0.7
7	☐	1.000		5114803.64		P	0.3
8	☐	1.000		4876996.77		P	1.0

103 Rh (ISTD) [He]

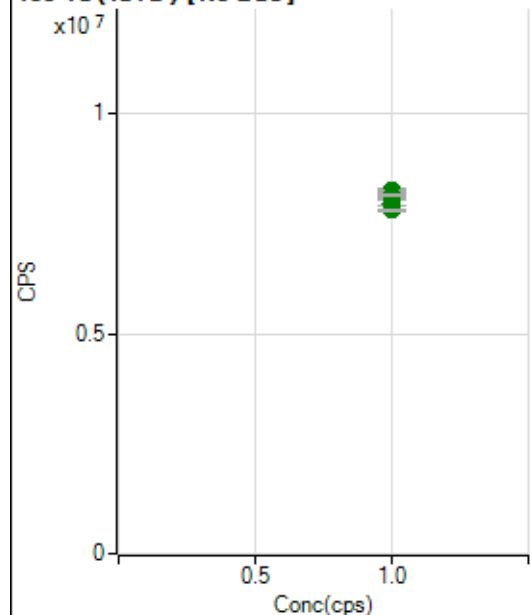
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3628982.06		P	0.5
2	☐	1.000		3579957.76		P	0.6
3	☐	1.000		3471470.89		P	4.7
4	☐	1.000		3414832.07		P	0.3
5	☐	1.000		3222072.21		P	3.3
6	☐	1.000		3177542.38		P	1.5
7	☐	1.000		3197279.81		P	0.2
8	☐	1.000		3025717.31		P	8.8

115 In (ISTD) [No Gas]

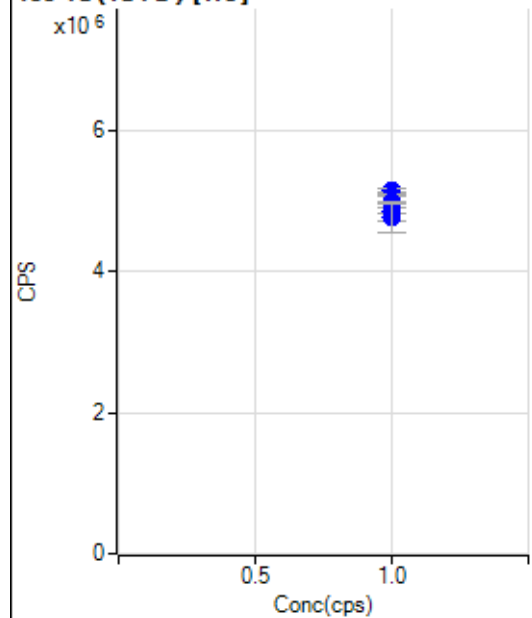
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5917515.51		P	1.5
2	☐	1.000		5986168.63		P	0.8
3	☐	1.000		6017257.22		M	1.9
4	☐	1.000		5899701.08		P	0.4
5	☐	1.000		5770252.45		P	3.4
6	☐	1.000		5630597.06		P	0.5
7	☐	1.000		5440933.39		P	0.8
8	☐	1.000		5269722.84		P	0.7

115 In (ISTD) [He]

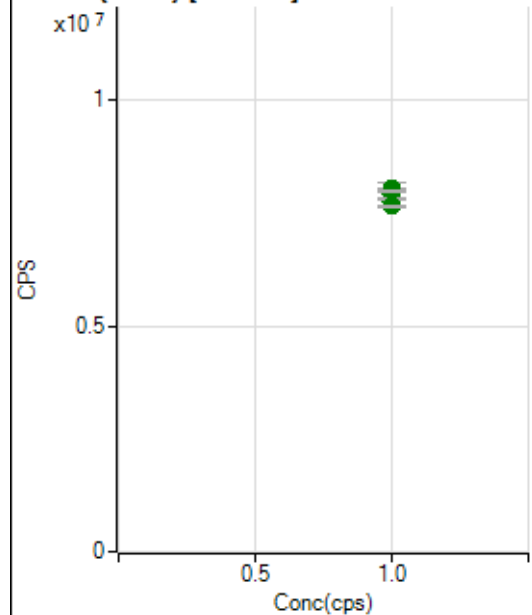
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2069184.14		P	0.3
2	☐	1.000		2057515.64		P	1.0
3	☐	1.000		1989820.73		P	4.7
4	☐	1.000		1950942.92		P	0.4
5	☐	1.000		1834940.19		P	3.6
6	☐	1.000		1814640.06		P	1.7
7	☐	1.000		1815124.60		P	0.8
8	☐	1.000		1812432.25		P	9.3

159 Tb (ISTD) [No Gas]

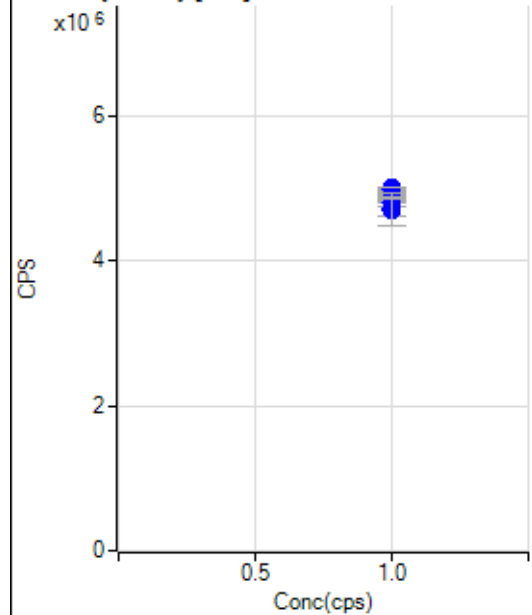
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7980665.64		A	1.2
2	☐	1.000		8134193.56		A	1.6
3	☐	1.000		8233251.75		A	1.2
4	☐	1.000		8230239.04		A	0.6
5	☐	1.000		8201151.89		A	2.9
6	☐	1.000		8255131.48		A	0.4
7	☐	1.000		8157557.86		A	0.4
8	☐	1.000		7820253.36		A	0.7

159 Tb (ISTD) [He]

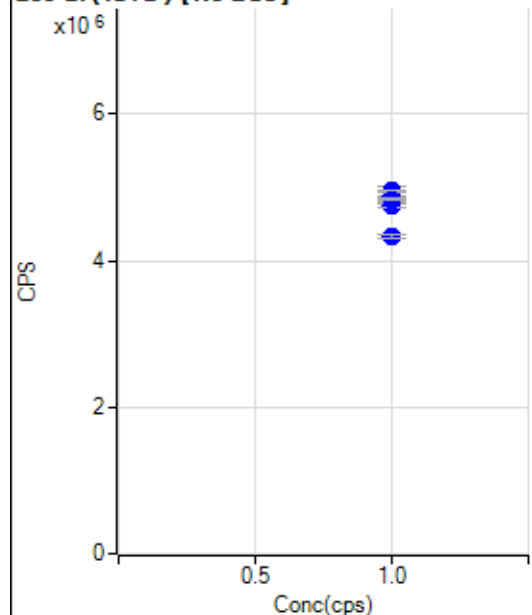
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5134071.42		P	1.0
2	☐	1.000		5074872.95		P	0.6
3	☐	1.000		4991745.17		P	4.2
4	☐	1.000		4975191.21		P	0.1
5	☐	1.000		4807459.30		P	4.2
6	☐	1.000		4845280.31		P	1.7
7	☐	1.000		4965145.86		P	0.2
8	☐	1.000		4760304.13		P	8.8

165 Ho (ISTD) [No Gas]

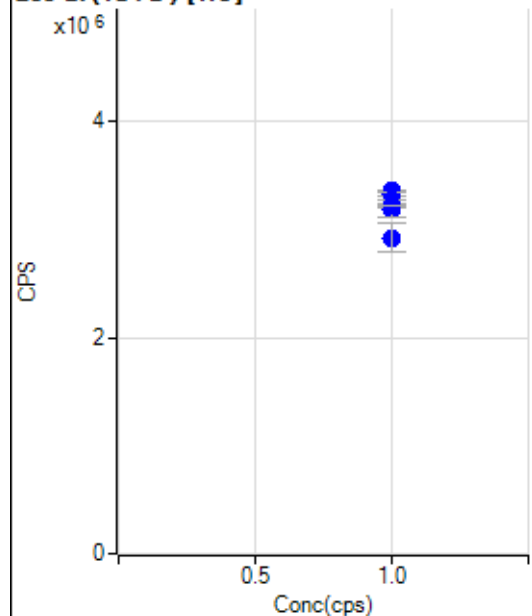
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7725940.16		A	2.8
2	☐	1.000		7815427.03		A	0.5
3	☐	1.000		7905570.78		A	1.5
4	☐	1.000		7980958.63		A	0.2
5	☐	1.000		8006218.49		A	4.6
6	☐	1.000		8030548.70		A	0.8
7	☐	1.000		7983611.48		A	0.8
8	☐	1.000		7642518.85		A	0.3

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5008477.63		P	0.2
2	☐	1.000		4983767.98		P	1.2
3	☐	1.000		4903982.88		P	4.4
4	☐	1.000		4888473.47		P	0.4
5	☐	1.000		4728485.56		P	4.2
6	☐	1.000		4797327.25		P	1.4
7	☐	1.000		4876091.84		P	0.3
8	☐	1.000		4708352.85		P	9.5

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4753495.66		P	1.6
2	☐	1.000		4855348.57		P	0.7
3	☐	1.000		4843421.49		P	0.3
4	☐	1.000		4844895.66		P	0.9
5	☐	1.000		4889380.31		P	4.4
6	☐	1.000		4949646.94		P	0.6
7	☐	1.000		4833468.57		P	0.4
8	☐	1.000		4328666.88		P	0.6

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3354668.49		P	0.2
2	☐	1.000		3330552.87		P	0.9
3	☐	1.000		3274280.65		P	4.5
4	☐	1.000		3274676.44		P	0.1
5	☐	1.000		3178663.15		P	3.9
6	☐	1.000		3213769.08		P	1.4
7	☐	1.000		3219693.88		P	0.4
8	☐	1.000		2922672.70		P	9.2

US EPA Tune Check Sample Report

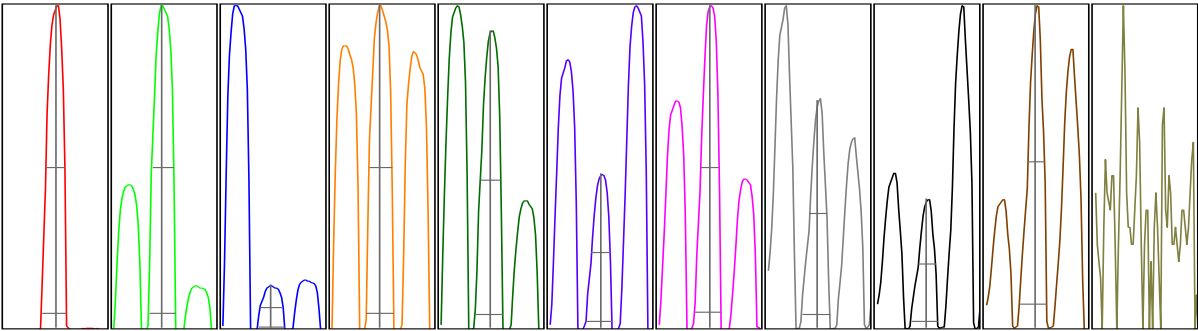
Batch Folder C:\Agilent\ICPMH\1\DATA\P7030521 MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	6284	0.22	5.00	
24	91820	0.48	5.00	
25	12596	0.38	5.00	
26	14401	0.45	5.00	
59	15493	0.38	5.00	
113	7954	0.81	5.00	
115	23515	0.64	5.00	
206	10050	0.87	5.00	
207	8548	0.62	5.00	
208	20749	0.42	5.00	
220	0	45.43		

	Replicate 1	Replicate 2	Replicate 3	Replicate 4	Replicate 5
Mass	Count	Count	Count	Count	Count
9	6278	6308	6278	6283	6271
24	91462	92159	91284	92303	91891
25	12559	12614	12559	12672	12575
26	14359	14385	14338	14505	14419
59	15466	15589	15444	15509	15457
113	7856	7974	7959	8035	7945
115	23660	23635	23440	23547	23292
206	9953	10059	9976	10094	10167
207	8464	8559	8591	8592	8534
208	20626	20759	20864	20712	20784
220	1	0	0	0	0

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	11386	9.05	8.9 - 9.1		0.729	0.900	
24	149769	23.95	23.9 - 24.1		0.785	0.900	
25	20018	24.95	24.9 - 25.1		0.788	0.900	
26	22842	25.95	25.9 - 26.1		0.791	0.900	
59	26421	59.00	58.9 - 59.1		0.807	0.900	
113	14467	113.05	112.9 - 113.1		0.745	0.900	
115	42925	115.05	114.9 - 115.1		0.767	0.900	
206	19570	206.00	205.9 - 206.1		0.820	0.900	
207	16312	207.00	206.9 - 207.1		0.781	0.900	
208	40683	208.00	207.9 - 208.1		0.790	0.900	
220			-				

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	11.7	V	Deflect	14.6	V
Extract 2	-180.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-95	V	Cell Exit	-50	V			

Cell Parameters

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

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	5853	0.91	
89	52107	0.82	
205	9519	0.36	

	Replicate 1	Replicate 2	Replicate 3	Replicate 4	Replicate 5
Mass	Count	Count	Count	Count	Count
59	5870	5872	5905	5855	5764
89	51981	51916	52737	52294	51608
205	9539	9497	9566	9514	9479

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	11.0	V	Deflect	2.2	V
Extract 2	-170.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-80	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 :	LB113413	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 12:37:06	DataFile Name :	002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.26	0.09	-0.34	0.00	N/A	ppb
Antimony	121-1	-0.01	0.00	0.01	0.00	N/A	ppb
Arsenic	75-2	0.00	0.00	0.01	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.01	-0.01	0.00	0.00	N/A	ppb
Beryllium	9-1	0.01	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.03	0.13	-0.16	0.00	N/A	ppb
Boron	11-1	0.10	-0.26	0.16	0.00	N/A	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.02	0.13	-0.11	0.00	N/A	ppb
Cadmium	106-1	-0.30	1.71	-1.41	0.00	N/A	ppb
Cadmium	108-1	-0.06	0.11	-0.05	0.00	N/A	ppb
Calcium	43-1	-2.41	-0.08	2.49	0.00	N/A	ppb
Calcium	44-1	-0.63	0.04	0.59	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	-0.01	0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.02	-0.02	0.00	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	-0.05	0.11	-0.07	0.00	N/A	ppb
Iron	57-2	0.34	-0.34	0.00	0.00	N/A	ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 12:37:06	DataFile Name :	002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	0.46	-0.26	-0.19	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	-0.01	-0.03	0.03	0.00	N/A	ppb
Lead	208-1	-0.01	0.00	0.01	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.19	0.16	0.03	0.00	N/A	ppb
Manganese	55-2	0.02	-0.01	-0.01	0.00	N/A	ppb
Molybdenum	94-1	-0.02	0.02	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	0.01	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	-0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.02	0.02	0.00	N/A	ppb
Phosphorus	31-2	8.01	24.98	-4.86	9.38	159.59	ppb
Potassium	39-2	4.60	-1.49	-3.11	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.19	0.04	-0.24	0.00	N/A	ppb
Selenium	77-2	0.21	-0.10	-0.10	0.00	N/A	ppb
Selenium	78-2	0.07	-0.24	0.17	0.00	N/A	ppb
Silicon	28-1	-2.60	-0.91	3.51	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	0.90	-0.46	-0.45	0.00	N/A	ppb
Strontium	86-1	0.02	-0.13	0.11	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-462.46	-224.61	340.01	-115.69		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.01	-0.01	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.01	0.00	N/A	ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 12:37:06	DataFile Name :	002CALB.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	0.02	-0.01	-0.01	0.00	N/A	ppb
Titanium	47-1	0.05	-0.02	-0.04	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.02	-0.07	0.05	0.00	N/A	ppb
Zirconium	90-1	0.01	0.00	-0.01	0.00	N/A	ppb
Zirconium	91-1	-0.01	0.02	0.00	0.00	N/A	ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 12:46:22	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.41	19.78	19.35	20.18	5.39	ppb
Antimony	121-1	2.00	1.88	2.05	1.98	4.45	ppb
Arsenic	75-2	0.96	1.08	1.07	1.04	6.31	ppb
Barium	135-1	9.97	10.11	9.91	10.00	1.02	ppb
Barium	137-1	9.92	10.13	9.75	9.93	1.92	ppb
Beryllium	9-1	1.05	1.00	1.06	1.04	2.67	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Boron	10-1	22.83	24.14	24.40	23.79	3.53	ppb
Boron	11-1	23.73	27.01	26.60	25.78	6.93	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.13	1.28	1.19	1.20	6.65	ppb
Cadmium	106-1	2.60	3.23	1.61	2.48	32.89	ppb
Cadmium	108-1	1.37	0.82	0.90	1.03	28.86	ppb
Calcium	43-1	491.36	565.12	526.99	527.82	6.99	ppb
Calcium	44-1	510.92	513.96	517.19	514.02	0.61	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.01	1.91	1.95	1.96	2.51	ppb
Cobalt	59-2	0.99	0.98	0.98	0.98	0.60	ppb
Copper	63-2	1.96	1.84	1.85	1.88	3.65	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				101		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	51.17	48.40	47.73	49.10	3.72	ppb
Iron	57-2	51.02	45.31	45.08	47.14	7.13	ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 12:46:22	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	51.42	51.57	50.45	51.15	1.19	ppb
Krypton	83-1						cps
Lead	206-1	0.94	0.92	0.88	0.91	3.44	ppb
Lead	207-1	0.91	0.84	0.84	0.86	4.35	ppb
Lead	208-1	0.88	0.87	0.88	0.88	1.01	ppb
Lithium	6-1				103		%
Magnesium	24-2	502.41	496.08	481.71	493.40	2.15	ppb
Manganese	55-2	0.93	0.91	1.01	0.95	5.88	ppb
Molybdenum	94-1	4.77	4.76	4.66	4.73	1.33	ppb
Molybdenum	95-1	4.91	4.79	4.90	4.87	1.43	ppb
Molybdenum	96-1	4.67	4.80	4.68	4.72	1.60	ppb
Molybdenum	97-1	4.76	4.90	4.79	4.82	1.46	ppb
Molybdenum	98-1	4.72	4.71	4.75	4.73	0.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.04	1.13	0.96	1.04	7.91	ppb
Phosphorus	31-2	-9.10	-13.36	-5.67	-9.38		ppb
Potassium	39-2	518.76	508.36	514.59	513.90	1.02	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	4.97	5.08	5.57	5.20	6.10	ppb
Selenium	77-2	5.59	3.40	4.07	4.35	25.76	ppb
Selenium	78-2	4.64	4.87	4.52	4.68	3.78	ppb
Silicon	28-1	10.61	14.08	15.57	13.42	18.96	ppb
Silver	107-1	1.06	1.06	1.01	1.04	2.80	ppb
Silver	109-1	0.97	1.10	1.02	1.03	6.41	ppb
Sodium	23-2	523.12	499.02	497.97	506.70	2.81	ppb
Strontium	86-1	0.97	0.98	0.84	0.93	8.20	ppb
Strontium	88-1	1.02	1.03	1.02	1.02	0.66	ppb
Sulfur	34-1	-133.80	89.97	390.88	115.69	227.59	ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	0.94	0.89	0.94	0.93	3.25	ppb
Thallium	205-1	0.89	0.92	0.85	0.89	3.60	ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 12:46:22	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	5.04	5.19	5.22	5.15	1.86	ppb
Titanium	47-1	5.17	4.86	5.08	5.04	3.15	ppb
Uranium	238-1	0.88	0.88	0.88	0.88	0.53	ppb
Vanadium	51-2	4.82	4.93	4.83	4.86	1.23	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	1.96	2.09	1.93	1.99	4.15	ppb
Zirconium	90-1	0.92	0.92	0.93	0.92	1.09	ppb
Zirconium	91-1	0.92	1.05	1.08	1.02	8.39	ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 12:49:28	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1039.44	1012.53	1097.40	1049.79	4.13	ppb
Antimony	121-1	50.99	52.79	50.57	51.45	2.29	ppb
Arsenic	75-2	52.25	50.58	55.26	52.70	4.50	ppb
Barium	135-1	254.21	259.27	252.25	255.24	1.42	ppb
Barium	137-1	254.30	255.97	249.19	253.15	1.40	ppb
Beryllium	9-1	52.79	53.30	52.66	52.92	0.63	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Boron	10-1	49.29	51.07	54.23	51.53	4.85	ppb
Boron	11-1	51.41	54.42	54.43	53.42	3.26	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	54.37	54.67	52.93	53.99	1.72	ppb
Cadmium	106-1	60.31	54.53	53.94	56.26	6.25	ppb
Cadmium	108-1	53.75	53.74	55.88	54.46	2.26	ppb
Calcium	43-1	5283.55	5412.92	5375.64	5357.37	1.24	ppb
Calcium	44-1	5372.06	5520.32	5409.68	5434.02	1.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51.55	50.46	54.42	52.15	3.92	ppb
Cobalt	59-2	51.50	51.18	55.03	52.57	4.07	ppb
Copper	63-2	510.39	505.77	547.23	521.13	4.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				98		%
Indium	115-1				102		%
Indium	115-2				96		%
Iron	56-2	2481.98	2480.83	2653.27	2538.69	3.91	ppb
Iron	57-2	2531.18	2505.62	2718.28	2585.03	4.49	ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 12:49:28	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2659.54	2614.66	2860.58	2711.60	4.83	ppb
Krypton	83-1						cps
Lead	206-1	229.93	229.02	227.26	228.73	0.59	ppb
Lead	207-1	224.69	227.82	225.99	226.17	0.70	ppb
Lead	208-1	225.69	229.08	225.21	226.66	0.93	ppb
Lithium	6-1				104		%
Magnesium	24-2	5280.48	5255.71	5654.71	5396.97	4.14	ppb
Manganese	55-2	504.72	505.43	549.98	520.04	4.99	ppb
Molybdenum	94-1	249.12	256.82	252.12	252.68	1.53	ppb
Molybdenum	95-1	249.91	259.16	254.37	254.48	1.82	ppb
Molybdenum	96-1	249.08	258.90	255.30	254.43	1.95	ppb
Molybdenum	97-1	250.87	260.37	253.79	255.01	1.91	ppb
Molybdenum	98-1	253.07	259.70	254.93	255.90	1.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.00	52.57	55.92	53.49	3.96	ppb
Phosphorus	31-2	1024.64	990.16	1085.94	1033.58	4.69	ppb
Potassium	39-2	2747.86	2724.18	2990.61	2820.88	5.23	ppb
Rhodium	103-1				101		%
Rhodium	103-2				96		%
Scandium	45-1				100		%
Scandium	45-2				96		%
Selenium	82-1	51.10	52.59	52.06	51.92	1.45	ppb
Selenium	77-2	55.12	53.06	54.52	54.23	1.95	ppb
Selenium	78-2	54.61	51.49	57.19	54.43	5.24	ppb
Silicon	28-1	50.90	54.79	50.66	52.11	4.45	ppb
Silver	107-1	53.80	55.63	53.59	54.34	2.06	ppb
Silver	109-1	53.40	55.91	53.42	54.24	2.66	ppb
Sodium	23-2	5360.07	5350.37	5750.90	5487.11	4.16	ppb
Strontium	86-1	50.91	51.32	50.39	50.87	0.91	ppb
Strontium	88-1	49.70	51.19	50.28	50.39	1.49	ppb
Sulfur	34-1	1314.04	1641.28	1238.23	1397.85	15.32	ppb
Terbium	159-1				103		%
Terbium	159-2				97		%
Thallium	203-1	48.90	50.04	48.79	49.24	1.40	ppb
Thallium	205-1	46.95	47.31	46.30	46.85	1.10	ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 12:49:28	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	43.10	44.03	42.41	43.18	1.89	ppb
Tin	118-1	52.48	53.92	51.45	52.61	2.36	ppb
Titanium	47-1	247.66	256.89	249.18	251.25	1.97	ppb
Uranium	238-1	43.59	44.14	44.17	43.96	0.74	ppb
Vanadium	51-2	49.98	49.78	53.39	51.05	3.97	ppb
Yttrium	89-1				101		%
Yttrium	89-2				97		%
Zinc	66-2	508.06	502.40	542.30	517.59	4.17	ppb
Zirconium	90-1	49.16	51.22	50.26	50.22	2.05	ppb
Zirconium	91-1	48.89	50.27	50.02	49.72	1.48	ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 12:52:35	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2613.88	2533.34	2560.89	2569.37	1.59	ppb
Antimony	121-1	129.09	127.51	126.97	127.86	0.86	ppb
Arsenic	75-2	129.21	127.35	128.19	128.25	0.73	ppb
Barium	135-1	636.06	624.97	620.06	627.03	1.31	ppb
Barium	137-1	635.41	619.96	628.53	627.96	1.23	ppb
Beryllium	9-1	132.31	132.71	131.10	132.04	0.63	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Boron	10-1	129.01	129.05	136.30	131.45	3.19	ppb
Boron	11-1	128.57	132.67	132.00	131.08	1.68	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	133.46	129.55	130.47	131.16	1.56	ppb
Cadmium	106-1	137.56	130.22	135.96	134.58	2.87	ppb
Cadmium	108-1	134.57	131.68	132.38	132.88	1.13	ppb
Calcium	43-1	13363.74	13321.40	13429.52	13371.56	0.41	ppb
Calcium	44-1	13480.91	13348.35	13430.78	13420.01	0.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	127.91	126.72	126.52	127.05	0.59	ppb
Cobalt	59-2	128.75	128.23	127.08	128.02	0.66	ppb
Copper	63-2	1270.65	1265.62	1254.47	1263.58	0.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				98		%
Indium	115-1				100		%
Indium	115-2				94		%
Iron	56-2	6223.12	6197.75	6221.22	6214.03	0.23	ppb
Iron	57-2	6392.32	6301.56	6302.70	6332.19	0.82	ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 12:52:35	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	6677.34	6603.43	6585.96	6622.25	0.73	ppb
Krypton	83-1						cps
Lead	206-1	580.62	569.11	578.36	576.03	1.06	ppb
Lead	207-1	575.89	559.52	572.67	569.36	1.52	ppb
Lead	208-1	602.77	588.32	602.38	597.82	1.38	ppb
Lithium	6-1				105		%
Magnesium	24-2	13314.70	13101.87	13184.99	13200.52	0.81	ppb
Manganese	55-2	1273.74	1252.96	1262.45	1263.05	0.82	ppb
Molybdenum	94-1	619.81	626.56	623.03	623.13	0.54	ppb
Molybdenum	95-1	628.31	633.21	627.83	629.78	0.47	ppb
Molybdenum	96-1	621.40	632.73	621.66	625.26	1.04	ppb
Molybdenum	97-1	624.49	630.44	624.81	626.58	0.53	ppb
Molybdenum	98-1	635.65	637.02	633.72	635.46	0.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	130.68	129.15	128.02	129.29	1.03	ppb
Phosphorus	31-2	2524.50	2535.58	2587.63	2549.24	1.32	ppb
Potassium	39-2	6879.61	6818.46	6833.68	6843.92	0.47	ppb
Rhodium	103-1				98		%
Rhodium	103-2				94		%
Scandium	45-1				97		%
Scandium	45-2				94		%
Selenium	82-1	125.37	127.64	127.89	126.97	1.09	ppb
Selenium	77-2	133.43	124.09	127.63	128.38	3.67	ppb
Selenium	78-2	132.78	129.12	127.62	129.84	2.04	ppb
Silicon	28-1	130.99	128.33	132.20	130.51	1.52	ppb
Silver	107-1	134.11	130.93	131.60	132.21	1.27	ppb
Silver	109-1	134.34	131.18	131.75	132.43	1.27	ppb
Sodium	23-2	12629.08	12450.07	12507.97	12529.04	0.73	ppb
Strontium	86-1	123.04	126.97	125.09	125.03	1.57	ppb
Strontium	88-1	124.36	125.93	124.51	124.93	0.69	ppb
Sulfur	34-1	3316.82	3217.20	3371.28	3301.77	2.37	ppb
Terbium	159-1				103		%
Terbium	159-2				97		%
Thallium	203-1	124.66	122.56	124.04	123.75	0.87	ppb
Thallium	205-1	118.42	115.67	117.85	117.31	1.24	ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 12:52:35	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	111.44	108.42	108.71	109.52	1.52	ppb
Tin	118-1	131.49	130.26	128.85	130.20	1.01	ppb
Titanium	47-1	630.04	614.94	628.40	624.46	1.33	ppb
Uranium	238-1	112.71	110.17	111.35	111.41	1.14	ppb
Vanadium	51-2	126.06	125.02	123.59	124.89	0.99	ppb
Yttrium	89-1				100		%
Yttrium	89-2				94		%
Zinc	66-2	1274.18	1262.63	1260.26	1265.69	0.59	ppb
Zirconium	90-1	125.28	126.32	125.22	125.61	0.49	ppb
Zirconium	91-1	124.06	124.36	123.93	124.12	0.18	ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 12:55:42	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5623.54	5266.13	5143.04	5344.24	4.67	ppb
Antimony	121-1	262.88	254.02	248.96	255.29	2.76	ppb
Arsenic	75-2	274.73	259.44	249.83	261.33	4.81	ppb
Barium	135-1	1296.52	1253.13	1214.33	1254.66	3.28	ppb
Barium	137-1	1305.67	1237.03	1209.97	1250.89	3.94	ppb
Beryllium	9-1	266.57	261.55	254.29	260.81	2.37	ppb
Bismuth	209-1				103		%
Bismuth	209-2				95		%
Boron	10-1	249.49	258.83	260.21	256.18	2.28	ppb
Boron	11-1	255.79	261.49	258.30	258.53	1.10	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	270.27	257.07	254.55	260.63	3.24	ppb
Cadmium	106-1	273.47	256.03	258.94	262.81	3.55	ppb
Cadmium	108-1	276.30	269.23	259.33	268.29	3.18	ppb
Calcium	43-1	27477.86	26208.25	25311.64	26332.58	4.13	ppb
Calcium	44-1	25618.46	24484.70	23974.86	24692.68	3.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	274.17	260.69	252.78	262.55	4.12	ppb
Cobalt	59-2	277.15	260.80	255.47	264.47	4.27	ppb
Copper	63-2	2804.58	2653.11	2590.44	2682.71	4.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				94		%
Indium	115-1				98		%
Indium	115-2				89		%
Iron	56-2	13689.94	12826.71	12512.38	13009.68	4.69	ppb
Iron	57-2	13771.31	13029.29	12694.20	13164.93	4.19	ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 12:55:42	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	14388.62	13580.67	13141.11	13703.46	4.62	ppb
Krypton	83-1						cps
Lead	206-1	1208.79	1160.28	1115.97	1161.68	4.00	ppb
Lead	207-1	1197.14	1139.52	1104.78	1147.15	4.07	ppb
Lead	208-1	1251.03	1197.74	1164.14	1204.30	3.64	ppb
Lithium	6-1				106		%
Magnesium	24-2	27383.16	26186.84	25478.59	26349.53	3.65	ppb
Manganese	55-2	2743.61	2566.55	2540.67	2616.95	4.22	ppb
Molybdenum	94-1	1299.72	1231.19	1219.18	1250.03	3.48	ppb
Molybdenum	95-1	1304.58	1236.01	1228.06	1256.22	3.35	ppb
Molybdenum	96-1	1299.41	1254.00	1225.90	1259.77	2.94	ppb
Molybdenum	97-1	1301.15	1248.71	1239.39	1263.09	2.64	ppb
Molybdenum	98-1	1276.03	1221.50	1219.39	1238.97	2.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	280.40	263.32	257.83	267.18	4.41	ppb
Phosphorus	31-2	5570.57	5202.43	5184.88	5319.30	4.09	ppb
Potassium	39-2	14687.83	13912.70	13565.29	14055.27	4.09	ppb
Rhodium	103-1				95		%
Rhodium	103-2				89		%
Scandium	45-1				95		%
Scandium	45-2				87		%
Selenium	82-1	262.24	246.92	247.30	252.15	3.46	ppb
Selenium	77-2	290.67	275.05	236.19	267.30	10.50	ppb
Selenium	78-2	283.29	262.92	254.81	267.01	5.50	ppb
Silicon	28-1	273.07	255.03	244.07	257.39	5.69	ppb
Silver	107-1	271.65	258.69	253.49	261.28	3.58	ppb
Silver	109-1	271.87	258.67	253.77	261.44	3.58	ppb
Sodium	23-2	27387.42	26282.56	25559.20	26409.72	3.49	ppb
Strontium	86-1	259.33	247.66	246.59	251.19	2.81	ppb
Strontium	88-1	261.12	247.36	244.10	250.86	3.60	ppb
Sulfur	34-1	6264.47	5388.17	4835.73	5496.13	13.11	ppb
Terbium	159-1				103		%
Terbium	159-2				94		%
Thallium	203-1	259.45	249.11	238.47	249.01	4.21	ppb
Thallium	205-1	245.62	236.16	227.93	236.57	3.74	ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 12:55:42	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	232.31	226.45	215.75	224.84	3.73	ppb
Tin	118-1	265.55	254.87	250.52	256.98	3.01	ppb
Titanium	47-1	1300.76	1249.40	1221.19	1257.12	3.21	ppb
Uranium	238-1	235.43	228.26	218.60	227.43	3.71	ppb
Vanadium	51-2	271.38	258.57	252.75	260.90	3.65	ppb
Yttrium	89-1				98		%
Yttrium	89-2				89		%
Zinc	66-2	2756.03	2611.90	2540.88	2636.27	4.16	ppb
Zirconium	90-1	262.11	251.13	245.26	252.83	3.38	ppb
Zirconium	91-1	259.31	245.66	241.06	248.68	3.82	ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 12:58:45	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10383.15	10393.74	10147.61	10308.17	1.35	ppb
Antimony	121-1	492.26	500.58	491.67	494.84	1.01	ppb
Arsenic	75-2	506.42	502.76	506.44	505.21	0.42	ppb
Barium	135-1	2429.21	2452.58	2420.19	2433.99	0.69	ppb
Barium	137-1	2506.76	2543.68	2483.76	2511.40	1.20	ppb
Beryllium	9-1	504.45	501.01	496.21	500.55	0.83	ppb
Bismuth	209-1				104		%
Bismuth	209-2				96		%
Boron	10-1	483.45	514.64	508.27	502.12	3.28	ppb
Boron	11-1	479.39	509.37	505.09	497.95	3.26	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	503.23	506.04	504.57	504.61	0.28	ppb
Cadmium	106-1	502.58	507.44	498.54	502.86	0.89	ppb
Cadmium	108-1	509.96	495.92	498.84	501.57	1.48	ppb
Calcium	43-1	52806.23	53269.01	53419.08	53164.77	0.60	ppb
Calcium	44-1	49642.44	50036.79	49563.25	49747.49	0.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	505.31	504.33	503.50	504.38	0.18	ppb
Cobalt	59-2	505.45	510.27	504.06	506.59	0.64	ppb
Copper	63-2	5070.70	5120.50	5078.29	5089.83	0.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				96		%
Indium	115-1				95		%
Indium	115-2				88		%
Iron	56-2	25439.81	25405.03	25003.80	25282.88	0.96	ppb
Iron	57-2	25618.21	25774.89	25350.34	25581.15	0.84	ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 12:58:45	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	26803.00	26884.38	26579.51	26755.63	0.59	ppb
Krypton	83-1						cps
Lead	206-1	2525.83	2511.93	2468.77	2502.18	1.19	ppb
Lead	207-1	2501.22	2495.27	2496.30	2497.60	0.13	ppb
Lead	208-1	2493.74	2500.28	2483.50	2492.51	0.34	ppb
Lithium	6-1				106		%
Magnesium	24-2	50847.43	51179.54	50653.49	50893.49	0.52	ppb
Manganese	55-2	5026.32	5029.28	5014.70	5023.43	0.15	ppb
Molybdenum	94-1	2490.41	2474.89	2477.04	2480.78	0.34	ppb
Molybdenum	95-1	2525.70	2448.26	2480.38	2484.78	1.57	ppb
Molybdenum	96-1	2524.43	2440.22	2488.47	2484.37	1.70	ppb
Molybdenum	97-1	2549.60	2470.67	2497.67	2505.98	1.60	ppb
Molybdenum	98-1	2532.73	2431.41	2473.30	2479.15	2.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	510.45	512.38	509.67	510.83	0.27	ppb
Phosphorus	31-2	10081.31	10100.16	10116.36	10099.28	0.17	ppb
Potassium	39-2	25347.87	25335.23	25254.83	25312.64	0.20	ppb
Rhodium	103-1				90		%
Rhodium	103-2				88		%
Scandium	45-1				90		%
Scandium	45-2				85		%
Selenium	82-1	498.60	498.67	495.08	497.45	0.41	ppb
Selenium	77-2	513.91	516.94	493.69	508.18	2.49	ppb
Selenium	78-2	504.65	500.74	505.49	503.63	0.50	ppb
Silicon	28-1	507.10	504.03	503.93	505.02	0.36	ppb
Silver	107-1	511.83	509.42	510.22	510.49	0.24	ppb
Silver	109-1	513.03	513.70	514.56	513.76	0.15	ppb
Sodium	23-2	51081.46	51230.70	50760.95	51024.37	0.47	ppb
Strontium	86-1	501.24	491.31	499.31	497.29	1.06	ppb
Strontium	88-1	502.80	496.01	501.78	500.20	0.73	ppb
Sulfur	34-1	10002.90	9989.88	9753.34	9915.37	1.42	ppb
Terbium	159-1				103		%
Terbium	159-2				94		%
Thallium	203-1	496.70	493.29	496.33	495.44	0.38	ppb
Thallium	205-1	504.17	503.26	498.45	501.96	0.61	ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 12:58:45	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	503.43	490.47	497.94	497.28	1.31	ppb
Tin	118-1	500.76	504.53	502.05	502.45	0.38	ppb
Titanium	47-1	2448.68	2478.28	2461.40	2462.79	0.60	ppb
Uranium	238-1	497.29	496.93	495.46	496.56	0.20	ppb
Vanadium	51-2	504.51	504.04	498.99	502.51	0.61	ppb
Yttrium	89-1				95		%
Yttrium	89-2				88		%
Zinc	66-2	5094.32	5110.01	5075.75	5093.36	0.34	ppb
Zirconium	90-1	507.75	499.30	503.32	503.46	0.84	ppb
Zirconium	91-1	503.48	494.51	497.46	498.48	0.92	ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 13:01:41	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20243.49	20596.11	19552.98	20130.86	2.64	ppb
Antimony	121-1	1000.36	995.31	1006.82	1000.83	0.58	ppb
Arsenic	75-2	996.81	1012.02	973.24	994.02	1.97	ppb
Barium	135-1	5061.53	4994.29	5038.15	5031.32	0.68	ppb
Barium	137-1	4978.51	4992.57	5009.57	4993.55	0.31	ppb
Beryllium	9-1	992.25	1002.82	992.92	996.00	0.59	ppb
Bismuth	209-1				102		%
Bismuth	209-2				96		%
Boron	10-1	962.07	1004.38	1023.18	996.54	3.14	ppb
Boron	11-1	952.68	1018.59	1022.56	997.94	3.93	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	988.72	987.35	1006.14	994.07	1.05	ppb
Cadmium	106-1	999.39	990.17	992.02	993.86	0.49	ppb
Cadmium	108-1	990.77	1006.77	982.76	993.43	1.23	ppb
Calcium	43-1	106904.81	106624.13	106654.22	106727.72	0.14	ppb
Calcium	44-1	100792.97	99446.76	100031.91	100090.55	0.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1005.15	1011.29	966.49	994.31	2.44	ppb
Cobalt	59-2	1003.87	1004.15	969.72	992.58	1.99	ppb
Copper	63-2	10031.92	10032.85	9655.18	9906.65	2.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				97		%
Indium	115-1				92		%
Indium	115-2				88		%
Iron	56-2	50017.79	50113.77	48531.35	49554.30	1.79	ppb
Iron	57-2	50164.17	50228.97	48420.85	49604.66	2.07	ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 13:01:41	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	50685.36	51260.55	49538.69	50494.87	1.74	ppb
Krypton	83-1						cps
Lead	206-1	5059.99	5012.28	5012.26	5028.18	0.55	ppb
Lead	207-1	5125.52	4977.26	5002.40	5035.06	1.58	ppb
Lead	208-1	5086.33	4997.04	4975.83	5019.74	1.17	ppb
Lithium	6-1				103		%
Magnesium	24-2	99560.97	100718.29	96697.06	98992.11	2.09	ppb
Manganese	55-2	10099.27	10081.17	9688.81	9956.41	2.33	ppb
Molybdenum	94-1	4971.41	5022.97	5034.73	5009.70	0.67	ppb
Molybdenum	95-1	4991.73	5001.96	5022.01	5005.23	0.31	ppb
Molybdenum	96-1	4954.46	5034.75	5026.14	5005.12	0.88	ppb
Molybdenum	97-1	4973.73	5024.59	4981.55	4993.29	0.55	ppb
Molybdenum	98-1	4983.14	5024.23	5027.37	5011.58	0.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	999.21	1001.31	968.21	989.58	1.87	ppb
Phosphorus	31-2	19957.18	20254.82	19376.12	19862.70	2.25	ppb
Potassium	39-2	50245.40	50862.11	48467.65	49858.39	2.49	ppb
Rhodium	103-1				88		%
Rhodium	103-2				88		%
Scandium	45-1				87		%
Scandium	45-2				87		%
Selenium	82-1	999.31	1012.01	989.87	1000.40	1.11	ppb
Selenium	77-2	1039.45	996.47	936.94	990.95	5.19	ppb
Selenium	78-2	999.45	1016.40	963.47	993.11	2.72	ppb
Silicon	28-1	1001.54	990.79	992.11	994.81	0.59	ppb
Silver	107-1	999.78	989.49	983.18	990.82	0.85	ppb
Silver	109-1	986.36	987.76	993.24	989.12	0.37	ppb
Sodium	23-2	100447.72	101702.29	97016.56	99722.19	2.43	ppb
Strontium	86-1	1000.65	1005.48	996.91	1001.01	0.43	ppb
Strontium	88-1	994.48	1005.81	998.74	999.68	0.57	ppb
Sulfur	34-1	19988.25	19635.85	19770.41	19798.17	0.90	ppb
Terbium	159-1				102		%
Terbium	159-2				97		%
Thallium	203-1	999.82	999.32	1009.03	1002.72	0.55	ppb
Thallium	205-1	1006.46	997.58	1006.45	1003.49	0.51	ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 13:01:41	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	1005.33	1004.57	1019.88	1009.93	0.85	ppb
Tin	118-1	996.58	990.37	1001.80	996.25	0.57	ppb
Titanium	47-1	5045.10	4982.17	5023.22	5016.83	0.64	ppb
Uranium	238-1	996.76	1016.63	1014.69	1009.36	1.09	ppb
Vanadium	51-2	1000.70	1011.98	975.25	995.98	1.89	ppb
Yttrium	89-1				93		%
Yttrium	89-2				90		%
Zinc	66-2	9993.50	10086.51	9669.22	9916.41	2.21	ppb
Zirconium	90-1	996.83	1004.11	991.49	997.48	0.63	ppb
Zirconium	91-1	997.36	1011.20	995.08	1001.21	0.87	ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 13:04:34	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	95494.47	110651.60	93624.62	99923.57	9.34	ppb
Antimony	121-1	0.73	0.69	0.66	0.70	5.32	ppb
Arsenic	75-2	0.42	0.46	0.33	0.40	16.50	ppb
Barium	135-1	1.99	1.98	2.04	2.01	1.52	ppb
Barium	137-1	2.22	2.08	2.04	2.11	4.60	ppb
Beryllium	9-1	0.21	0.20	0.21	0.21	3.14	ppb
Bismuth	209-1				91		%
Bismuth	209-2				87		%
Boron	10-1	29.89	27.90	26.02	27.94	6.92	ppb
Boron	11-1	36.44	32.78	27.48	32.23	13.98	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.53	0.49	0.57	0.53	7.27	ppb
Cadmium	106-1	0.76	1.12	1.85	1.24	45.05	ppb
Cadmium	108-1	0.57	0.46	0.83	0.62	30.64	ppb
Calcium	43-1	501844.97	497954.82	494938.09	498245.96	0.69	ppb
Calcium	44-1	498535.01	502583.06	498867.39	499995.15	0.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6.15	7.11	5.97	6.41	9.56	ppb
Cobalt	59-2	1.44	1.71	1.44	1.53	10.33	ppb
Copper	63-2	5.75	6.46	5.41	5.87	9.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				94		%
Indium	115-1				89		%
Indium	115-2				88		%
Iron	56-2	240198.55	275060.22	234848.87	250035.88	8.73	ppb
Iron	57-2	239991.62	275446.35	234516.43	249984.80	8.89	ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 13:04:34	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	239765.73	274794.27	234401.60	249653.87	8.79	ppb
Krypton	83-1						cps
Lead	206-1	10.43	10.26	10.33	10.34	0.83	ppb
Lead	207-1	10.32	10.19	10.05	10.19	1.31	ppb
Lead	208-1	10.25	10.14	10.05	10.14	0.97	ppb
Lithium	6-1				99		%
Magnesium	24-2	481374.78	552680.14	466014.92	500023.28	9.25	ppb
Manganese	55-2	6.12	7.29	6.27	6.56	9.75	ppb
Molybdenum	94-1	2.16	2.07	2.02	2.09	3.41	ppb
Molybdenum	95-1	2.25	2.19	2.09	2.18	3.67	ppb
Molybdenum	96-1	2.57	2.48	2.34	2.47	4.65	ppb
Molybdenum	97-1	2.11	2.20	2.03	2.11	4.02	ppb
Molybdenum	98-1	2.17	2.09	1.98	2.08	4.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.61	5.31	4.10	4.67	12.99	ppb
Phosphorus	31-2	11.65	42.45	-1.37	17.58	128.02	ppb
Potassium	39-2	239226.92	276376.61	234100.10	249901.21	9.23	ppb
Rhodium	103-1				83		%
Rhodium	103-2				83		%
Scandium	45-1				88		%
Scandium	45-2				88		%
Selenium	82-1	0.94	0.53	0.16	0.54	71.49	ppb
Selenium	77-2	0.22	0.28	-0.10	0.13	156.31	ppb
Selenium	78-2	-1.32	0.19	0.26	-0.29		ppb
Silicon	28-1	35.79	32.77	29.12	32.56	10.26	ppb
Silver	107-1	0.41	0.35	0.40	0.39	7.43	ppb
Silver	109-1	0.40	0.37	0.41	0.40	5.83	ppb
Sodium	23-2	484241.07	552076.92	463313.11	499877.03	9.28	ppb
Strontium	86-1	5.85	5.95	5.89	5.90	0.88	ppb
Strontium	88-1	5.87	5.94	6.03	5.94	1.29	ppb
Sulfur	34-1	-428.13	-328.31	-856.48	-537.64		ppb
Terbium	159-1				98		%
Terbium	159-2				93		%
Thallium	203-1	0.49	0.37	0.30	0.39	23.82	ppb
Thallium	205-1	0.41	0.37	0.33	0.37	9.81	ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 13:04:34	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.21	0.19	0.16	0.19	12.51	ppb
Tin	118-1	0.54	0.58	0.53	0.55	4.43	ppb
Titanium	47-1	1.05	1.12	1.16	1.11	4.77	ppb
Uranium	238-1	0.20	0.20	0.18	0.20	6.57	ppb
Vanadium	51-2	0.15	0.20	0.15	0.17	16.61	ppb
Yttrium	89-1				92		%
Yttrium	89-2				91		%
Zinc	66-2	13.67	15.26	13.27	14.07	7.50	ppb
Zirconium	90-1	0.38	0.36	0.35	0.37	4.30	ppb
Zirconium	91-1	0.35	0.34	0.38	0.36	6.44	ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 13:24:24	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	501.05	502.37	506.17	503.20	0.53	ppb
Antimony	121-1	194.24	197.23	191.49	194.32	1.48	ppb
Arsenic	75-2	198.37	197.68	194.67	196.90	1.00	ppb
Barium	135-1	96.40	98.25	96.64	97.10	1.04	ppb
Barium	137-1	98.59	97.46	96.51	97.52	1.07	ppb
Beryllium	9-1	100.42	99.88	101.32	100.54	0.72	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Boron	10-1	525.49	519.84	523.91	523.08	0.56	ppb
Boron	11-1	569.80	559.38	568.28	565.82	0.99	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	109.51	109.62	106.27	108.46	1.75	ppb
Cadmium	106-1	185.71	192.97	178.41	185.69	3.92	ppb
Cadmium	108-1	163.53	166.64	162.38	164.19	1.34	ppb
Calcium	43-1	2310.98	2186.29	2227.54	2241.60	2.83	ppb
Calcium	44-1	2148.45	2119.93	2128.26	2132.21	0.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	98.02	97.51	98.45	97.99	0.48	ppb
Cobalt	59-2	100.74	99.59	101.63	100.65	1.02	ppb
Copper	63-2	102.03	101.26	102.30	101.86	0.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				98		%
Indium	115-1				97		%
Indium	115-2				94		%
Iron	56-2	1907.32	1889.89	1962.45	1919.89	1.97	ppb
Iron	57-2	1926.33	1939.22	1939.63	1935.06	0.39	ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 13:24:24	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2055.02	2035.14	2045.86	2045.34	0.49	ppb
Krypton	83-1						cps
Lead	206-1	197.90	195.82	196.55	196.76	0.54	ppb
Lead	207-1	184.22	183.63	183.82	183.89	0.16	ppb
Lead	208-1	191.78	190.00	190.15	190.64	0.52	ppb
Lithium	6-1				102		%
Magnesium	24-2	1154.34	1149.64	1174.77	1159.59	1.15	ppb
Manganese	55-2	98.98	99.17	100.25	99.47	0.69	ppb
Molybdenum	94-1	2441.01	2407.11	2443.95	2430.69	0.84	ppb
Molybdenum	95-1	2459.14	2417.07	2487.77	2454.66	1.45	ppb
Molybdenum	96-1	2437.95	2420.25	2474.63	2444.28	1.13	ppb
Molybdenum	97-1	2460.25	2440.72	2467.20	2456.06	0.56	ppb
Molybdenum	98-1	2432.17	2431.23	2462.18	2441.86	0.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	102.50	101.09	103.77	102.45	1.31	ppb
Phosphorus	31-2	-4.63	-8.28	11.25	-0.55		ppb
Potassium	39-2	2015.49	2010.92	2041.90	2022.77	0.83	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				94		%
Scandium	45-2				92		%
Selenium	82-1	196.38	192.25	196.97	195.20	1.32	ppb
Selenium	77-2	214.35	193.20	198.69	202.08	5.43	ppb
Selenium	78-2	200.16	202.81	194.68	199.22	2.08	ppb
Silicon	28-1	525.07	516.79	531.49	524.45	1.41	ppb
Silver	107-1	50.05	50.11	48.94	49.70	1.33	ppb
Silver	109-1	49.50	49.29	49.25	49.35	0.28	ppb
Sodium	23-2	2063.34	2057.02	2098.14	2072.83	1.07	ppb
Strontium	86-1	510.08	503.01	510.11	507.73	0.81	ppb
Strontium	88-1	508.44	506.15	508.47	507.68	0.26	ppb
Sulfur	34-1	-1567.00	-2101.06	-1970.28	-1879.44		ppb
Terbium	159-1				102		%
Terbium	159-2				98		%
Thallium	203-1	201.84	202.45	199.56	201.28	0.76	ppb
Thallium	205-1	190.98	189.91	189.14	190.01	0.48	ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 13:24:24	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	15.85	15.82	15.77	15.81	0.23	ppb
Tin	118-1	503.28	506.01	492.54	500.61	1.42	ppb
Titanium	47-1	2485.61	2454.28	2450.70	2463.53	0.78	ppb
Uranium	238-1	487.32	487.52	485.23	486.69	0.26	ppb
Vanadium	51-2	95.03	94.16	95.61	94.93	0.77	ppb
Yttrium	89-1				98		%
Yttrium	89-2				95		%
Zinc	66-2	194.96	195.15	195.53	195.21	0.15	ppb
Zirconium	90-1	492.18	491.12	485.88	489.72	0.69	ppb
Zirconium	91-1	485.36	477.47	483.13	481.99	0.84	ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 13:42:28	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.44	18.38	20.50	20.10	7.80	ppb
Antimony	121-1	1.89	1.99	1.89	1.92	3.05	ppb
Arsenic	75-2	1.04	1.00	0.98	1.01	3.36	ppb
Barium	135-1	9.44	9.62	9.53	9.53	0.92	ppb
Barium	137-1	9.50	9.43	9.51	9.48	0.45	ppb
Beryllium	9-1	1.13	1.01	1.00	1.04	7.13	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Boron	10-1	23.35	22.60	25.99	23.98	7.43	ppb
Boron	11-1	26.01	28.22	28.21	27.48	4.64	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.90	0.92	0.92	0.91	0.85	ppb
Cadmium	106-1	0.07	0.77	-0.08	0.25	178.58	ppb
Cadmium	108-1	0.99	1.33	0.86	1.06	23.13	ppb
Calcium	43-1	499.86	477.70	482.90	486.82	2.38	ppb
Calcium	44-1	502.94	502.44	506.25	503.87	0.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.98	1.90	2.02	1.97	3.15	ppb
Cobalt	59-2	1.01	0.96	1.00	0.99	2.74	ppb
Copper	63-2	2.02	1.92	1.99	1.98	2.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	49.57	49.11	50.02	49.57	0.92	ppb
Iron	57-2	51.57	47.51	48.39	49.16	4.35	ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 13:42:28	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	54.51	50.31	54.25	53.02	4.44	ppb
Krypton	83-1						cps
Lead	206-1	0.99	0.99	1.01	1.00	1.16	ppb
Lead	207-1	0.87	0.88	0.95	0.90	4.98	ppb
Lead	208-1	0.95	0.93	0.95	0.94	1.25	ppb
Lithium	6-1				100		%
Magnesium	24-2	490.48	476.60	505.82	490.96	2.98	ppb
Manganese	55-2	0.98	1.04	1.00	1.01	2.81	ppb
Molybdenum	94-1	4.71	4.61	4.88	4.73	2.84	ppb
Molybdenum	95-1	4.68	4.87	4.89	4.81	2.50	ppb
Molybdenum	96-1	4.65	4.68	4.75	4.69	1.08	ppb
Molybdenum	97-1	4.89	4.65	4.82	4.79	2.53	ppb
Molybdenum	98-1	4.87	4.59	4.64	4.70	3.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.95	0.97	1.01	0.98	3.21	ppb
Phosphorus	31-2	4.44	-4.22	9.83	3.35	211.61	ppb
Potassium	39-2	514.50	502.63	508.55	508.56	1.17	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				96		%
Scandium	45-2				95		%
Selenium	82-1	5.50	4.66	5.75	5.30	10.75	ppb
Selenium	77-2	5.75	4.80	5.42	5.32	9.01	ppb
Selenium	78-2	5.35	5.74	6.27	5.79	7.99	ppb
Silicon	28-1	11.07	11.46	20.03	14.19	35.69	ppb
Silver	107-1	0.97	0.95	1.00	0.97	2.49	ppb
Silver	109-1	0.98	1.01	0.95	0.98	3.25	ppb
Sodium	23-2	521.52	512.57	536.86	523.65	2.35	ppb
Strontium	86-1	0.71	0.86	0.95	0.84	14.02	ppb
Strontium	88-1	1.01	0.98	0.98	0.99	1.80	ppb
Sulfur	34-1	-1430.35	-1319.42	-809.48	-1186.41		ppb
Terbium	159-1				104		%
Terbium	159-2				98		%
Thallium	203-1	0.88	0.92	0.95	0.92	4.11	ppb
Thallium	205-1	0.85	0.88	0.91	0.88	3.28	ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 13:42:28	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	-0.01	0.00	0.00	0.00		ppb
Tin	118-1	5.07	5.21	4.77	5.02	4.49	ppb
Titanium	47-1	4.85	4.95	4.71	4.84	2.43	ppb
Uranium	238-1	0.84	0.87	0.85	0.86	1.50	ppb
Vanadium	51-2	4.98	4.88	4.78	4.88	2.04	ppb
Yttrium	89-1				100		%
Yttrium	89-2				96		%
Zinc	66-2	1.94	1.96	2.14	2.01	5.53	ppb
Zirconium	90-1	0.92	0.94	0.97	0.95	2.80	ppb
Zirconium	91-1	1.13	0.85	0.87	0.95	16.55	ppb

LB Number : LB113413 Operator : JASWAL
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-05 14:10:03 DataFile Name : 014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.54	2.59	2.82	2.65	5.68	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	206.94	ppb
Arsenic	75-2	0.00	-0.01	-0.01	-0.01		ppb
Barium	135-1	0.00	0.01	-0.01	0.00		ppb
Barium	137-1	-0.01	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	-0.02	0.01	0.00	0.00	16831.43	ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Boron	10-1	1.65	0.93	1.82	1.47	31.96	ppb
Boron	11-1	1.34	1.32	1.38	1.35	2.46	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.04	-0.20	-0.06	-0.10		ppb
Cadmium	106-1	-0.64	-2.43	-0.65	-1.24		ppb
Cadmium	108-1	-0.12	0.18	0.07	0.05	329.26	ppb
Calcium	43-1	-1.41	-0.24	3.53	0.63	411.74	ppb
Calcium	44-1	2.15	-1.49	-4.32	-1.22		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.04	0.01	0.00	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	-0.03	-0.02	-0.09	-0.05		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				98		%
Indium	115-1				94		%
Indium	115-2				96		%
Iron	56-2	-0.14	0.09	-0.03	-0.03		ppb
Iron	57-2	-1.16	-1.11	-0.12	-0.80		ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 14:10:03	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	0.66	2.09	2.23	1.66	52.55	ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.06	0.02	0.04	50.17	ppb
Lead	207-1	0.03	0.04	0.05	0.04	16.40	ppb
Lead	208-1	0.05	0.04	0.03	0.04	22.77	ppb
Lithium	6-1				98		%
Magnesium	24-2	-0.01	0.17	-0.10	0.02	589.27	ppb
Manganese	55-2	0.00	0.00	0.01	0.00	231.22	ppb
Molybdenum	94-1	-0.01	0.00	-0.01	0.00		ppb
Molybdenum	95-1	0.01	0.01	0.01	0.01	33.96	ppb
Molybdenum	96-1	0.01	0.01	0.01	0.01	33.75	ppb
Molybdenum	97-1	0.01	0.00	-0.01	0.00	446.19	ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	22.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.00	-0.01	0.00		ppb
Phosphorus	31-2	20.93	-6.34	3.47	6.02	229.29	ppb
Potassium	39-2	0.24	0.39	3.53	1.39	133.70	ppb
Rhodium	103-1				93		%
Rhodium	103-2				96		%
Scandium	45-1				92		%
Scandium	45-2				96		%
Selenium	82-1	0.81	0.14	0.95	0.63	68.30	ppb
Selenium	77-2	-0.10	-0.10	-0.10	-0.10		ppb
Selenium	78-2	0.62	-0.07	-0.29	0.09	542.97	ppb
Silicon	28-1	31.33	21.37	17.47	23.39	30.56	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.01	0.00	112.65	ppb
Sodium	23-2	3.94	7.00	5.29	5.41	28.33	ppb
Strontium	86-1	0.01	-0.18	-0.01	-0.06		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	106.48	ppb
Sulfur	34-1	1340.85	198.70	-314.81	408.24	207.59	ppb
Terbium	159-1				98		%
Terbium	159-2				97		%
Thallium	203-1	-0.04	-0.03	-0.03	-0.03		ppb
Thallium	205-1	-0.03	-0.04	-0.03	-0.03		ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 14:10:03	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.00	0.01	0.02	0.01	89.28	ppb
Titanium	47-1	-0.08	0.04	0.00	-0.02		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	110.26	ppb
Yttrium	89-1				95		%
Yttrium	89-2				95		%
Zinc	66-2	0.05	0.07	0.07	0.06	16.70	ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	247.84	ppb
Zirconium	91-1	-0.01	0.02	0.02	0.01	192.76	ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 14:13:10	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	98249.73	95155.38	92404.28	95269.80	3.07	ppb
Antimony	121-1	1.09	1.08	1.06	1.08	1.62	ppb
Arsenic	75-2	0.30	0.33	0.30	0.31	5.48	ppb
Barium	135-1	1.43	1.26	1.32	1.34	6.46	ppb
Barium	137-1	1.26	1.28	1.28	1.27	0.74	ppb
Beryllium	9-1	0.37	0.25	0.26	0.29	23.06	ppb
Bismuth	209-1				102		%
Bismuth	209-2				95		%
Boron	10-1	1.87	2.11	1.92	1.97	6.34	ppb
Boron	11-1	2.53	2.08	2.33	2.31	9.63	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.30	0.82	0.74	0.62	45.04	ppb
Cadmium	106-1	-2.89	1.88	0.74	-0.09		ppb
Cadmium	108-1	17.32	18.02	16.83	17.39	3.44	ppb
Calcium	43-1	101063.53	102570.60	102376.55	102003.56	0.80	ppb
Calcium	44-1	94828.31	95773.20	95834.60	95478.70	0.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	20.60	19.91	19.54	20.02	2.70	ppb
Cobalt	59-2	1.20	1.20	1.15	1.19	2.55	ppb
Copper	63-2	8.59	8.41	8.30	8.43	1.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				98		%
Indium	115-1				96		%
Indium	115-2				90		%
Iron	56-2	100053.73	97524.47	95033.12	97537.11	2.57	ppb
Iron	57-2	99206.89	97914.50	94464.44	97195.28	2.52	ppb

LB Number : LB113413 Operator : JASWAL
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-05 14:13:10 DataFile Name : 015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	100708.50	99126.26	96329.17	98721.31	2.25	ppb
Krypton	83-1						cps
Lead	206-1	4.34	4.32	4.13	4.26	2.78	ppb
Lead	207-1	3.79	3.72	3.69	3.73	1.40	ppb
Lead	208-1	4.01	3.90	3.88	3.93	1.73	ppb
Lithium	6-1				101		%
Magnesium	24-2	97407.27	94575.81	92903.35	94962.14	2.40	ppb
Manganese	55-2	7.79	7.76	7.54	7.70	1.79	ppb
Molybdenum	94-1	1293.49	1291.17	1296.53	1293.73	0.21	ppb
Molybdenum	95-1	1818.74	1829.27	1830.11	1826.04	0.35	ppb
Molybdenum	96-1	1767.47	1754.58	1754.27	1758.77	0.43	ppb
Molybdenum	97-1	1843.56	1826.81	1839.73	1836.70	0.48	ppb
Molybdenum	98-1	1831.55	1819.91	1822.92	1824.80	0.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.72	5.41	5.22	5.45	4.63	ppb
Phosphorus	31-2	102977.78	99580.84	97169.73	99909.45	2.92	ppb
Potassium	39-2	101375.41	98696.77	96593.09	98888.42	2.42	ppb
Rhodium	103-1				91		%
Rhodium	103-2				89		%
Scandium	45-1				92		%
Scandium	45-2				89		%
Selenium	82-1	0.30	-0.56	0.06	-0.06		ppb
Selenium	77-2	-0.10	1.62	-0.10	0.47	211.73	ppb
Selenium	78-2	0.49	-0.05	-1.47	-0.34		ppb
Silicon	28-1	36.54	35.50	35.16	35.73	2.00	ppb
Silver	107-1	0.04	0.04	0.04	0.04	7.08	ppb
Silver	109-1	0.03	0.05	0.03	0.04	25.83	ppb
Sodium	23-2	102692.89	100261.15	97474.23	100142.76	2.61	ppb
Strontium	86-1	34.20	34.50	35.08	34.59	1.30	ppb
Strontium	88-1	34.97	34.77	34.77	34.83	0.34	ppb
Sulfur	34-1	98900.58	97728.96	97250.04	97959.86	0.87	ppb
Terbium	159-1				104		%
Terbium	159-2				97		%
Thallium	203-1	0.02	0.04	0.05	0.04	47.60	ppb
Thallium	205-1	0.03	0.04	0.06	0.04	32.08	ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 14:13:10	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	-0.01	0.00	0.00	0.00		ppb
Tin	118-1	0.28	0.22	0.23	0.24	13.64	ppb
Titanium	47-1	1969.64	1970.99	1970.74	1970.46	0.04	ppb
Uranium	238-1	0.01	0.02	0.01	0.01	11.98	ppb
Vanadium	51-2	0.16	0.16	0.15	0.16	3.25	ppb
Yttrium	89-1				97		%
Yttrium	89-2				91		%
Zinc	66-2	12.17	11.78	11.42	11.79	3.17	ppb
Zirconium	90-1	0.02	0.01	0.03	0.02	36.46	ppb
Zirconium	91-1	0.02	0.01	0.01	0.01	58.19	ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 14:16:16	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	93358.84	91611.69	93247.01	92739.18	1.05	ppb
Antimony	121-1	17.91	19.04	19.64	18.86	4.67	ppb
Arsenic	75-2	20.37	19.93	20.05	20.12	1.14	ppb
Barium	135-1	18.22	19.12	19.64	18.99	3.78	ppb
Barium	137-1	18.64	18.84	19.63	19.04	2.73	ppb
Beryllium	9-1	18.60	19.45	19.98	19.35	3.60	ppb
Bismuth	209-1				109		%
Bismuth	209-2				99		%
Boron	10-1	47.03	48.12	53.17	49.44	6.63	ppb
Boron	11-1	49.24	52.90	57.00	53.05	7.32	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	18.03	18.88	19.20	18.70	3.23	ppb
Cadmium	106-1	22.42	25.34	21.56	23.11	8.58	ppb
Cadmium	108-1	33.98	36.01	37.91	35.97	5.46	ppb
Calcium	43-1	90934.74	94770.01	98269.89	94658.22	3.88	ppb
Calcium	44-1	84792.30	88844.54	91802.69	88479.84	3.98	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.85	37.78	38.57	38.40	1.44	ppb
Cobalt	59-2	20.97	20.64	20.92	20.84	0.84	ppb
Copper	63-2	28.08	27.37	28.01	27.82	1.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				101		%
Indium	115-1				105		%
Indium	115-2				93		%
Iron	56-2	94824.94	94358.82	95820.60	95001.45	0.79	ppb
Iron	57-2	95292.23	92590.16	94052.65	93978.35	1.44	ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 14:16:16	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	95901.72	95412.36	95960.20	95758.09	0.31	ppb
Krypton	83-1						cps
Lead	206-1	20.19	20.99	21.78	20.99	3.81	ppb
Lead	207-1	18.62	19.52	20.27	19.47	4.26	ppb
Lead	208-1	19.25	20.01	20.75	20.00	3.75	ppb
Lithium	6-1				107		%
Magnesium	24-2	92149.57	90749.71	91723.01	91540.76	0.78	ppb
Manganese	55-2	26.56	26.46	26.78	26.60	0.60	ppb
Molybdenum	94-1	1252.30	1296.85	1357.62	1302.25	4.06	ppb
Molybdenum	95-1	1684.43	1723.75	1831.98	1746.72	4.37	ppb
Molybdenum	96-1	1634.69	1671.33	1747.95	1684.66	3.43	ppb
Molybdenum	97-1	1693.52	1725.89	1824.66	1748.02	3.91	ppb
Molybdenum	98-1	1684.70	1725.09	1813.35	1741.05	3.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.02	24.48	24.88	24.79	1.13	ppb
Phosphorus	31-2	96591.25	94659.66	96380.17	95877.03	1.11	ppb
Potassium	39-2	95309.38	94417.77	96223.39	95316.85	0.95	ppb
Rhodium	103-1				99		%
Rhodium	103-2				92		%
Scandium	45-1				99		%
Scandium	45-2				91		%
Selenium	82-1	17.23	17.17	18.84	17.75	5.35	ppb
Selenium	77-2	16.28	21.32	19.02	18.88	13.36	ppb
Selenium	78-2	18.26	19.85	17.72	18.61	5.94	ppb
Silicon	28-1	74.58	82.26	89.63	82.15	9.16	ppb
Silver	107-1	16.27	17.46	18.08	17.27	5.33	ppb
Silver	109-1	16.60	17.07	17.84	17.17	3.64	ppb
Sodium	23-2	97694.99	95857.23	97017.01	96856.41	0.96	ppb
Strontium	86-1	78.45	81.87	84.89	81.74	3.94	ppb
Strontium	88-1	78.02	81.38	84.21	81.21	3.82	ppb
Sulfur	34-1	84489.02	87927.64	92002.67	88139.78	4.27	ppb
Terbium	159-1				113		%
Terbium	159-2				100		%
Thallium	203-1	17.41	18.69	19.10	18.40	4.77	ppb
Thallium	205-1	16.70	17.44	18.12	17.42	4.10	ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 14:16:16	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	3.53	3.65	3.74	3.64	2.93	ppb
Tin	118-1	44.97	47.65	48.08	46.90	3.59	ppb
Titanium	47-1	1808.91	1870.77	1938.95	1872.87	3.47	ppb
Uranium	238-1	42.89	44.48	45.94	44.44	3.43	ppb
Vanadium	51-2	19.50	19.19	19.40	19.36	0.81	ppb
Yttrium	89-1				104		%
Yttrium	89-2				94		%
Zinc	66-2	31.11	29.49	30.77	30.46	2.79	ppb
Zirconium	90-1	45.66	47.25	49.20	47.37	3.74	ppb
Zirconium	91-1	45.41	47.29	49.33	47.34	4.14	ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	CCV01	Instrumnet Name :	P7
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 14:19:18	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47385.03	46944.96	56521.17	50283.72	10.75	ppb
Antimony	121-1	448.89	478.84	487.60	471.78	4.30	ppb
Arsenic	75-2	487.66	483.90	581.41	517.66	10.67	ppb
Barium	135-1	2235.03	2364.05	2428.17	2342.42	4.20	ppb
Barium	137-1	2335.69	2467.02	2520.08	2440.93	3.89	ppb
Beryllium	9-1	468.76	478.79	491.95	479.84	2.42	ppb
Bismuth	209-1				98		%
Bismuth	209-2				88		%
Boron	10-1	457.45	483.45	509.85	483.58	5.42	ppb
Boron	11-1	453.12	496.16	512.64	487.31	6.31	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	454.04	484.04	491.81	476.63	4.18	ppb
Cadmium	106-1	460.98	482.63	502.71	482.10	4.33	ppb
Cadmium	108-1	453.00	482.30	492.67	475.99	4.32	ppb
Calcium	43-1	233132.18	250028.31	247193.10	243451.20	3.72	ppb
Calcium	44-1	232168.68	236816.13	245641.98	238208.93	2.87	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	485.33	477.79	567.93	510.35	9.80	ppb
Cobalt	59-2	474.42	470.27	559.12	501.27	10.00	ppb
Copper	63-2	4750.26	4663.78	5590.68	5001.57	10.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				92		%
Indium	115-1				93		%
Indium	115-2				84		%
Iron	56-2	118013.04	115568.81	138417.83	123999.89	10.12	ppb
Iron	57-2	116900.00	115710.84	137840.44	123483.76	10.08	ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	CCV01	Instrumnet Name :	P7
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 14:19:18	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	119213.77	118635.73	141349.09	126399.53	10.25	ppb
Krypton	83-1						cps
Lead	206-1	2376.58	2495.04	2571.80	2481.14	3.96	ppb
Lead	207-1	2364.81	2497.50	2581.48	2481.26	4.40	ppb
Lead	208-1	2370.65	2485.97	2576.52	2477.72	4.16	ppb
Lithium	6-1				101		%
Magnesium	24-2	242630.36	238596.67	286344.01	255857.02	10.35	ppb
Manganese	55-2	4789.75	4762.65	5648.45	5066.95	9.94	ppb
Molybdenum	94-1	2321.04	2400.66	2509.36	2410.36	3.92	ppb
Molybdenum	95-1	2326.68	2420.52	2517.90	2421.70	3.95	ppb
Molybdenum	96-1	2322.64	2405.98	2500.51	2409.71	3.69	ppb
Molybdenum	97-1	2333.31	2410.39	2533.91	2425.87	4.17	ppb
Molybdenum	98-1	2300.41	2405.29	2505.60	2403.77	4.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	472.62	466.21	557.71	498.85	10.24	ppb
Phosphorus	31-2	9741.04	9747.06	11866.43	10451.51	11.72	ppb
Potassium	39-2	122531.13	121613.91	143997.57	129380.87	9.79	ppb
Rhodium	103-1				88		%
Rhodium	103-2				82		%
Scandium	45-1				91		%
Scandium	45-2				85		%
Selenium	82-1	454.86	470.39	489.43	471.56	3.67	ppb
Selenium	77-2	496.54	471.38	552.79	506.90	8.22	ppb
Selenium	78-2	495.19	487.45	580.80	521.15	9.94	ppb
Silicon	28-1	540.24	600.98	638.25	593.16	8.34	ppb
Silver	107-1	454.07	486.41	491.60	477.36	4.26	ppb
Silver	109-1	459.65	482.58	495.40	479.21	3.78	ppb
Sodium	23-2	242170.24	237239.60	283602.53	254337.46	10.01	ppb
Strontium	86-1	462.83	478.79	505.49	482.37	4.47	ppb
Strontium	88-1	467.84	483.70	509.02	486.85	4.27	ppb
Sulfur	34-1	7977.50	8426.90	9322.70	8575.70	7.99	ppb
Terbium	159-1				103		%
Terbium	159-2				91		%
Thallium	203-1	465.15	484.28	500.54	483.32	3.66	ppb
Thallium	205-1	479.28	498.39	513.02	496.90	3.41	ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	CCV01	Instrumnet Name :	P7
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 14:19:18	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	483.84	500.71	518.61	501.05	3.47	ppb
Tin	118-1	454.05	483.11	492.23	476.46	4.19	ppb
Titanium	47-1	2309.29	2393.64	2476.37	2393.10	3.49	ppb
Uranium	238-1	480.40	498.49	511.57	496.82	3.15	ppb
Vanadium	51-2	486.16	480.03	572.99	513.06	10.13	ppb
Yttrium	89-1				96		%
Yttrium	89-2				87		%
Zinc	66-2	4683.59	4639.44	5552.10	4958.38	10.38	ppb
Zirconium	90-1	466.24	483.35	506.58	485.39	4.17	ppb
Zirconium	91-1	464.63	482.49	504.23	483.78	4.10	ppb

LB Number : LB113413 Operator : JASWAL
 Lab Sample ID : CCB01 Instrumnet Name : P7
 Client Sample ID : CCB01 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-05 14:30:10 DataFile Name : 018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.41	0.29	-0.01	0.23	94.08	ppb
Antimony	121-1	0.03	0.03	0.02	0.03	24.56	ppb
Arsenic	75-2	0.00	-0.01	-0.01	-0.01		ppb
Barium	135-1	0.01	0.02	0.04	0.02	58.43	ppb
Barium	137-1	0.01	0.03	0.00	0.02	109.06	ppb
Beryllium	9-1	0.00	0.03	0.01	0.01	159.69	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Boron	10-1	4.44	5.75	4.34	4.84	16.29	ppb
Boron	11-1	5.16	5.50	5.23	5.30	3.43	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.02	0.17	-0.03	0.05	204.40	ppb
Cadmium	106-1	0.03	2.02	-0.47	0.53	250.12	ppb
Cadmium	108-1	-0.03	-0.12	-0.06	-0.07		ppb
Calcium	43-1	3.91	3.18	6.61	4.57	39.54	ppb
Calcium	44-1	-0.61	2.62	-0.81	0.40	484.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.02	0.04	0.02	91.85	ppb
Cobalt	59-2	0.01	0.00	0.01	0.01	46.81	ppb
Copper	63-2	0.11	0.12	0.10	0.11	11.66	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				102		%
Holmium	165-2				98		%
Indium	115-1				96		%
Indium	115-2				94		%
Iron	56-2	1.56	1.66	1.61	1.61	3.08	ppb
Iron	57-2	1.49	1.01	0.09	0.86	81.90	ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	CCB01	Instrumnet Name :	P7
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 14:30:10	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	1.35	3.23	0.98	1.85	65.33	ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.12	0.10	0.10	17.20	ppb
Lead	207-1	0.09	0.13	0.08	0.10	27.96	ppb
Lead	208-1	0.10	0.12	0.10	0.10	12.52	ppb
Lithium	6-1				100		%
Magnesium	24-2	3.08	3.51	3.14	3.24	7.12	ppb
Manganese	55-2	0.05	0.09	0.07	0.07	30.95	ppb
Molybdenum	94-1	0.08	0.09	0.08	0.08	7.74	ppb
Molybdenum	95-1	0.05	0.09	0.06	0.06	32.92	ppb
Molybdenum	96-1	0.10	0.05	0.04	0.06	51.54	ppb
Molybdenum	97-1	0.10	0.08	0.07	0.08	17.06	ppb
Molybdenum	98-1	0.07	0.07	0.06	0.07	5.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.01	0.00	-0.01		ppb
Phosphorus	31-2	-12.92	7.11	-3.57	-3.13		ppb
Potassium	39-2	15.05	19.97	11.03	15.35	29.17	ppb
Rhodium	103-1				93		%
Rhodium	103-2				94		%
Scandium	45-1				91		%
Scandium	45-2				91		%
Selenium	82-1	-0.20	0.22	0.14	0.05	413.40	ppb
Selenium	77-2	-0.10	-0.10	-0.10	-0.10		ppb
Selenium	78-2	0.13	0.08	-0.63	-0.14		ppb
Silicon	28-1	4.86	12.17	8.48	8.51	43.01	ppb
Silver	107-1	0.01	0.02	0.01	0.01	23.55	ppb
Silver	109-1	0.01	0.01	0.01	0.01	25.01	ppb
Sodium	23-2	51.07	44.54	45.43	47.02	7.53	ppb
Strontium	86-1	-0.02	-0.03	0.02	-0.01		ppb
Strontium	88-1	0.00	0.01	0.00	0.00	25.44	ppb
Sulfur	34-1	-1393.06	-390.59	-1039.12	-940.92		ppb
Terbium	159-1				101		%
Terbium	159-2				97		%
Thallium	203-1	0.04	0.03	0.04	0.04	11.20	ppb
Thallium	205-1	0.05	0.03	0.04	0.04	22.45	ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	CCB01	Instrumnet Name :	P7
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 14:30:10	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.01	0.01	0.01	32.05	ppb
Tin	118-1	-0.01	0.01	0.00	0.00	638.16	ppb
Titanium	47-1	0.00	-0.01	0.05	0.01	226.34	ppb
Uranium	238-1	0.00	0.00	0.01	0.00	53.80	ppb
Vanadium	51-2	0.00	0.01	0.01	0.01	41.43	ppb
Yttrium	89-1				95		%
Yttrium	89-2				93		%
Zinc	66-2	0.13	0.04	0.08	0.09	53.48	ppb
Zirconium	90-1	0.04	0.03	0.03	0.03	9.70	ppb
Zirconium	91-1	0.04	0.03	0.01	0.03	65.46	ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 14:33:16	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.71	18.82	18.16	19.23	6.87	ppb
Antimony	121-1	1.92	1.90	1.90	1.91	0.57	ppb
Arsenic	75-2	1.16	1.05	1.15	1.12	5.57	ppb
Barium	135-1	8.84	9.82	9.37	9.35	5.25	ppb
Barium	137-1	9.28	9.61	9.23	9.37	2.21	ppb
Beryllium	9-1	0.90	1.01	0.97	0.96	5.63	ppb
Bismuth	209-1				104		%
Bismuth	209-2				99		%
Boron	10-1	24.43	24.97	25.69	25.03	2.52	ppb
Boron	11-1	26.53	29.63	28.41	28.19	5.54	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.86	0.92	0.92	0.90	3.48	ppb
Cadmium	106-1	0.09	0.81	-0.76	0.05	1746.94	ppb
Cadmium	108-1	1.02	0.91	1.02	0.98	6.09	ppb
Calcium	43-1	523.86	481.34	491.48	498.90	4.45	ppb
Calcium	44-1	499.12	507.22	496.27	500.87	1.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.95	1.92	1.87	1.91	2.15	ppb
Cobalt	59-2	0.96	0.99	0.91	0.96	4.29	ppb
Copper	63-2	1.92	1.95	1.83	1.90	3.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				98		%
Indium	115-1				99		%
Indium	115-2				95		%
Iron	56-2	48.74	50.20	47.70	48.88	2.57	ppb
Iron	57-2	50.01	48.97	47.32	48.77	2.79	ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 14:33:16	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	53.48	51.10	47.50	50.69	5.94	ppb
Krypton	83-1						cps
Lead	206-1	0.92	0.91	0.98	0.94	3.92	ppb
Lead	207-1	0.92	0.93	0.94	0.93	1.17	ppb
Lead	208-1	0.92	0.94	0.95	0.94	1.67	ppb
Lithium	6-1				101		%
Magnesium	24-2	481.47	484.40	478.62	481.50	0.60	ppb
Manganese	55-2	1.01	1.04	0.91	0.99	6.63	ppb
Molybdenum	94-1	4.52	4.77	4.89	4.72	3.95	ppb
Molybdenum	95-1	4.55	4.67	4.61	4.61	1.24	ppb
Molybdenum	96-1	4.66	4.74	4.72	4.71	0.92	ppb
Molybdenum	97-1	4.60	4.78	4.50	4.63	2.98	ppb
Molybdenum	98-1	4.57	4.59	4.95	4.70	4.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.94	0.93	1.00	0.96	4.05	ppb
Phosphorus	31-2	-1.11	4.79	-15.28	-3.87		ppb
Potassium	39-2	510.44	517.43	514.19	514.02	0.68	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				94		%
Scandium	45-2				93		%
Selenium	82-1	4.48	5.50	4.49	4.82	12.16	ppb
Selenium	77-2	9.61	4.88	3.61	6.03	52.41	ppb
Selenium	78-2	4.50	5.35	5.37	5.07	9.84	ppb
Silicon	28-1	14.87	17.26	18.65	16.93	11.30	ppb
Silver	107-1	0.94	0.95	1.03	0.97	4.71	ppb
Silver	109-1	0.88	0.95	0.94	0.92	4.42	ppb
Sodium	23-2	536.54	544.99	530.66	537.40	1.34	ppb
Strontium	86-1	0.86	1.01	1.03	0.97	9.94	ppb
Strontium	88-1	1.00	1.03	0.99	1.01	1.68	ppb
Sulfur	34-1	-1298.28	-1102.04	-1106.50	-1168.94		ppb
Terbium	159-1				104		%
Terbium	159-2				97		%
Thallium	203-1	0.91	0.92	0.94	0.92	1.83	ppb
Thallium	205-1	0.90	0.90	0.90	0.90	0.30	ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 14:33:16	DataFile Name :	019LLCC.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	4.92	4.89	4.82	4.88	1.03	ppb
Titanium	47-1	4.86	4.57	5.24	4.89	6.78	ppb
Uranium	238-1	0.85	0.86	0.84	0.85	0.97	ppb
Vanadium	51-2	4.87	4.90	4.77	4.85	1.38	ppb
Yttrium	89-1				99		%
Yttrium	89-2				94		%
Zinc	66-2	2.01	2.10	2.13	2.08	2.91	ppb
Zirconium	90-1	0.91	1.00	0.92	0.94	4.88	ppb
Zirconium	91-1	0.77	0.86	0.81	0.82	5.59	ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	M1458-01	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-SOIL-01-QT1-	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 14:38:47	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.81	15.84	17.66	16.44	6.44	ppb
Antimony	121-1	0.76	0.84	0.75	0.78	6.38	ppb
Arsenic	75-2	0.74	0.89	0.78	0.80	9.59	ppb
Barium	135-1	3.73	3.79	4.05	3.86	4.40	ppb
Barium	137-1	3.60	3.87	3.63	3.70	3.92	ppb
Beryllium	9-1	0.68	0.76	0.72	0.72	5.36	ppb
Bismuth	209-1				105		%
Bismuth	209-2				100		%
Boron	10-1	3.14	2.34	3.34	2.94	18.06	ppb
Boron	11-1	3.52	3.72	3.55	3.60	3.04	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.86	0.58	0.73	0.73	19.19	ppb
Cadmium	106-1	0.99	-1.03	-0.74	-0.26		ppb
Cadmium	108-1	0.71	0.74	0.71	0.72	2.19	ppb
Calcium	43-1	82.90	77.74	72.47	77.70	6.71	ppb
Calcium	44-1	77.35	79.28	77.15	77.93	1.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.82	0.80	0.78	0.80	2.79	ppb
Cobalt	59-2	0.80	0.82	0.79	0.80	1.87	ppb
Copper	63-2	1.63	1.65	1.56	1.61	3.07	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				105		%
Holmium	165-2				98		%
Indium	115-1				99		%
Indium	115-2				95		%
Iron	56-2	40.03	40.37	38.55	39.65	2.44	ppb
Iron	57-2	38.46	37.50	40.06	38.67	3.35	ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	M1458-01	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-SOIL-01-QT1-	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 14:38:47	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	45.08	43.88	39.56	42.84	6.77	ppb
Krypton	83-1						cps
Lead	206-1	0.77	0.77	0.72	0.75	3.63	ppb
Lead	207-1	0.81	0.79	0.77	0.79	2.35	ppb
Lead	208-1	0.76	0.76	0.75	0.76	0.72	ppb
Lithium	6-1				102		%
Magnesium	24-2	80.07	77.28	77.20	78.18	2.09	ppb
Manganese	55-2	1.56	1.68	1.54	1.59	4.82	ppb
Molybdenum	94-1	3.69	3.91	3.38	3.66	7.25	ppb
Molybdenum	95-1	3.57	3.80	3.73	3.70	3.11	ppb
Molybdenum	96-1	3.55	3.84	3.71	3.70	3.90	ppb
Molybdenum	97-1	3.79	3.70	3.76	3.75	1.22	ppb
Molybdenum	98-1	3.74	3.77	3.74	3.75	0.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.72	0.77	0.89	0.79	11.24	ppb
Phosphorus	31-2	-10.95	-0.81	21.76	3.33	502.36	ppb
Potassium	39-2	51.03	44.76	48.35	48.05	6.54	ppb
Rhodium	103-1				97		%
Rhodium	103-2				95		%
Scandium	45-1				95		%
Scandium	45-2				93		%
Selenium	82-1	0.07	0.39	0.71	0.39	81.45	ppb
Selenium	77-2	0.56	0.22	0.90	0.56	60.38	ppb
Selenium	78-2	-0.08	-0.40	1.21	0.24	349.66	ppb
Silicon	28-1	2.21	5.36	7.90	5.16	55.34	ppb
Silver	107-1	0.21	0.21	0.23	0.22	3.52	ppb
Silver	109-1	0.20	0.22	0.21	0.21	5.72	ppb
Sodium	23-2	114.58	117.35	108.46	113.46	4.01	ppb
Strontium	86-1	0.75	0.80	0.67	0.74	8.84	ppb
Strontium	88-1	0.78	0.78	0.85	0.80	5.11	ppb
Sulfur	34-1	-1274.68	-1284.96	-1019.17	-1192.94		ppb
Terbium	159-1				105		%
Terbium	159-2				98		%
Thallium	203-1	0.76	0.74	0.66	0.72	6.96	ppb
Thallium	205-1	0.66	0.74	0.69	0.70	5.79	ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	M1458-01	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-SOIL-01-QT1-	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 14:38:47	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	-0.01	0.00		ppb
Tin	118-1	0.85	0.74	0.78	0.79	6.84	ppb
Titanium	47-1	3.80	3.92	3.66	3.79	3.45	ppb
Uranium	238-1	0.66	0.68	0.67	0.67	1.80	ppb
Vanadium	51-2	0.74	0.79	0.79	0.78	3.53	ppb
Yttrium	89-1				100		%
Yttrium	89-2				95		%
Zinc	66-2	1.47	1.68	1.70	1.62	7.82	ppb
Zirconium	90-1	0.71	0.72	0.73	0.72	1.56	ppb
Zirconium	91-1	0.69	0.73	0.77	0.73	5.25	ppb

LB Number : LB113413 Operator : JASWAL
 Lab Sample ID : M1458-03 Instrumnet Name : P7
 Client Sample ID : MDL-SOIL-03-QT1-2021 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-05 14:48:36 DataFile Name : 022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.33	5.28	4.43	5.02	10.04	ppb
Antimony	121-1	0.24	0.23	0.24	0.24	2.28	ppb
Arsenic	75-2	0.19	0.25	0.26	0.23	15.40	ppb
Barium	135-1	1.14	1.18	1.19	1.17	2.25	ppb
Barium	137-1	1.11	1.02	1.19	1.11	7.27	ppb
Beryllium	9-1	0.26	0.31	0.28	0.28	9.63	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Boron	10-1	1.33	1.57	0.93	1.28	25.28	ppb
Boron	11-1	1.50	1.65	1.22	1.46	15.02	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.31	0.07	0.15	0.18	66.68	ppb
Cadmium	106-1	0.61	-1.69	-0.59	-0.56		ppb
Cadmium	108-1	0.16	0.17	0.31	0.21	37.58	ppb
Calcium	43-1	28.83	29.60	31.04	29.82	3.76	ppb
Calcium	44-1	21.98	20.63	22.07	21.56	3.73	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.32	0.24	0.28	0.28	15.57	ppb
Cobalt	59-2	0.23	0.25	0.23	0.24	5.71	ppb
Copper	63-2	0.37	0.41	0.38	0.39	6.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				97		%
Indium	115-1				97		%
Indium	115-2				94		%
Iron	56-2	11.91	11.83	12.10	11.95	1.17	ppb
Iron	57-2	9.04	12.09	12.80	11.31	17.64	ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	M1458-03	Instrumnet Name :	P7
Client Sample ID :	MDL-SOIL-03-QT1-2021	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 14:48:36	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	12.64	11.81	12.07	12.17	3.51	ppb
Krypton	83-1						cps
Lead	206-1	0.27	0.26	0.25	0.26	2.96	ppb
Lead	207-1	0.24	0.25	0.29	0.26	9.63	ppb
Lead	208-1	0.25	0.26	0.26	0.26	2.42	ppb
Lithium	6-1				102		%
Magnesium	24-2	25.84	26.08	23.70	25.20	5.20	ppb
Manganese	55-2	0.51	0.51	0.51	0.51	0.69	ppb
Molybdenum	94-1	1.09	1.10	1.13	1.11	2.18	ppb
Molybdenum	95-1	1.12	1.15	1.18	1.15	2.81	ppb
Molybdenum	96-1	1.17	1.18	1.20	1.18	1.15	ppb
Molybdenum	97-1	1.08	1.27	1.10	1.15	9.17	ppb
Molybdenum	98-1	1.19	1.23	1.12	1.18	4.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.20	0.27	0.27	0.25	16.46	ppb
Phosphorus	31-2	-20.97	-18.89	0.06	-13.27		ppb
Potassium	39-2	19.82	22.91	32.46	25.06	26.30	ppb
Rhodium	103-1				95		%
Rhodium	103-2				94		%
Scandium	45-1				93		%
Scandium	45-2				93		%
Selenium	82-1	2.60	2.80	2.46	2.62	6.56	ppb
Selenium	77-2	2.25	1.89	3.04	2.39	24.65	ppb
Selenium	78-2	3.62	2.13	2.10	2.62	33.17	ppb
Silicon	28-1	6.00	7.71	8.41	7.37	16.83	ppb
Silver	107-1	0.23	0.25	0.23	0.24	5.13	ppb
Silver	109-1	0.22	0.24	0.27	0.25	10.62	ppb
Sodium	23-2	45.19	43.13	48.56	45.63	6.00	ppb
Strontium	86-1	0.28	0.17	0.22	0.22	23.86	ppb
Strontium	88-1	0.26	0.25	0.25	0.25	1.83	ppb
Sulfur	34-1	-605.74	-527.81	-703.34	-612.30		ppb
Terbium	159-1				103		%
Terbium	159-2				97		%
Thallium	203-1	0.19	0.21	0.20	0.20	4.03	ppb
Thallium	205-1	0.19	0.20	0.21	0.20	5.96	ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	M1458-03	Instrumnet Name :	P7
Client Sample ID :	MDL-SOIL-03-QT1-2021	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 14:48:36	DataFile Name :	022SMPL.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	0.26	0.21	0.21	0.23	13.24	ppb
Titanium	47-1	1.20	1.16	1.04	1.14	7.58	ppb
Uranium	238-1	0.23	0.20	0.20	0.21	7.25	ppb
Vanadium	51-2	0.24	0.24	0.24	0.24	0.59	ppb
Yttrium	89-1				98		%
Yttrium	89-2				93		%
Zinc	66-2	0.41	0.31	0.36	0.36	13.95	ppb
Zirconium	90-1	0.24	0.26	0.23	0.24	4.83	ppb
Zirconium	91-1	0.23	0.24	0.29	0.25	14.13	ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	M1458-16	Instrumnet Name :	P7
Client Sample ID :	LLOQ-SOIL-QT1-2021	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 14:53:48	DataFile Name :	023LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.90	20.01	18.80	19.57	3.43	ppb
Antimony	121-1	1.95	1.93	1.92	1.94	0.92	ppb
Arsenic	75-2	0.97	0.97	0.92	0.95	3.11	ppb
Barium	135-1	9.66	9.53	9.26	9.48	2.17	ppb
Barium	137-1	9.49	9.23	9.23	9.32	1.63	ppb
Beryllium	9-1	1.01	1.05	0.94	1.00	5.75	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Boron	10-1	22.73	23.92	24.11	23.59	3.18	ppb
Boron	11-1	25.04	26.42	25.12	25.53	3.04	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.93	0.90	0.91	0.91	1.69	ppb
Cadmium	106-1	0.26	0.03	0.30	0.20	72.39	ppb
Cadmium	108-1	1.33	0.71	1.21	1.08	30.59	ppb
Calcium	43-1	525.81	500.31	525.96	517.36	2.85	ppb
Calcium	44-1	514.82	506.59	501.67	507.70	1.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.95	2.03	1.95	1.98	2.40	ppb
Cobalt	59-2	0.98	1.05	0.96	0.99	4.54	ppb
Copper	63-2	1.77	1.84	1.78	1.80	1.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				95		%
Iron	56-2	49.78	50.64	48.74	49.72	1.92	ppb
Iron	57-2	51.25	49.70	47.62	49.52	3.68	ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	M1458-16	Instrumnet Name :	P7
Client Sample ID :	LLOQ-SOIL-QT1-2021	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 14:53:48	DataFile Name :	023LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	51.72	51.70	53.44	52.29	1.91	ppb
Krypton	83-1						cps
Lead	206-1	0.92	0.96	0.90	0.93	3.41	ppb
Lead	207-1	0.82	0.91	0.86	0.86	5.27	ppb
Lead	208-1	0.88	0.94	0.91	0.91	3.14	ppb
Lithium	6-1				102		%
Magnesium	24-2	499.87	500.66	483.77	494.77	1.93	ppb
Manganese	55-2	0.99	1.03	0.99	1.01	2.39	ppb
Molybdenum	94-1	4.31	4.68	4.65	4.55	4.52	ppb
Molybdenum	95-1	4.56	4.67	4.67	4.64	1.40	ppb
Molybdenum	96-1	4.54	4.71	4.63	4.63	1.89	ppb
Molybdenum	97-1	4.56	4.57	4.55	4.56	0.23	ppb
Molybdenum	98-1	4.53	4.75	4.71	4.66	2.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.00	1.09	0.94	1.01	7.42	ppb
Phosphorus	31-2	9.34	-14.95	-24.35	-9.99		ppb
Potassium	39-2	515.08	519.72	497.84	510.88	2.26	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				95		%
Scandium	45-2				94		%
Selenium	82-1	4.98	4.64	4.84	4.82	3.54	ppb
Selenium	77-2	6.60	7.10	3.58	5.76	33.01	ppb
Selenium	78-2	4.28	6.29	5.95	5.51	19.58	ppb
Silicon	28-1	13.59	16.01	16.92	15.50	11.08	ppb
Silver	107-1	0.90	0.93	1.06	0.96	8.57	ppb
Silver	109-1	0.94	0.99	0.96	0.96	2.13	ppb
Sodium	23-2	526.57	537.18	515.60	526.45	2.05	ppb
Strontium	86-1	0.87	1.07	0.98	0.97	10.09	ppb
Strontium	88-1	0.98	1.02	1.03	1.01	2.66	ppb
Sulfur	34-1	-731.83	-632.06	-401.85	-588.58		ppb
Terbium	159-1				104		%
Terbium	159-2				97		%
Thallium	203-1	0.92	0.93	0.99	0.95	4.20	ppb
Thallium	205-1	0.87	0.83	0.84	0.85	2.61	ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	M1458-16	Instrumnet Name :	P7
Client Sample ID :	LLOQ-SOIL-QT1-2021	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 14:53:48	DataFile Name :	023LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	4.84	4.74	5.09	4.89	3.71	ppb
Titanium	47-1	4.74	4.91	4.55	4.73	3.88	ppb
Uranium	238-1	0.86	0.84	0.88	0.86	2.34	ppb
Vanadium	51-2	4.83	4.80	4.84	4.83	0.43	ppb
Yttrium	89-1				99		%
Yttrium	89-2				95		%
Zinc	66-2	2.11	2.08	1.89	2.03	5.84	ppb
Zirconium	90-1	0.92	0.93	0.92	0.92	0.37	ppb
Zirconium	91-1	0.92	0.96	0.91	0.93	2.65	ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	M1458-07	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 14:56:56	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.44	15.29	15.43	15.39	0.55	ppb
Antimony	121-1	0.81	0.79	0.81	0.80	1.64	ppb
Arsenic	75-2	0.74	0.77	0.75	0.75	2.48	ppb
Barium	135-1	3.69	3.57	3.68	3.65	1.86	ppb
Barium	137-1	3.84	3.79	3.59	3.74	3.51	ppb
Beryllium	9-1	0.77	0.69	0.86	0.77	10.82	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Boron	10-1	2.27	1.83	2.30	2.13	12.32	ppb
Boron	11-1	2.12	2.33	2.50	2.32	8.14	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.85	0.89	0.98	0.91	7.31	ppb
Cadmium	106-1	0.29	0.62	2.72	1.21	108.93	ppb
Cadmium	108-1	0.97	0.86	0.69	0.84	16.99	ppb
Calcium	43-1	77.47	87.67	85.61	83.58	6.45	ppb
Calcium	44-1	80.93	81.36	78.49	80.26	1.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.79	0.89	0.80	0.83	6.24	ppb
Cobalt	59-2	0.86	0.83	0.80	0.83	3.58	ppb
Copper	63-2	1.51	1.56	1.46	1.51	3.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				95		%
Iron	56-2	40.29	40.94	39.02	40.08	2.43	ppb
Iron	57-2	38.47	39.93	38.06	38.82	2.53	ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	M1458-07	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 14:56:56	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	43.33	43.47	43.17	43.32	0.36	ppb
Krypton	83-1						cps
Lead	206-1	0.67	0.76	0.73	0.72	6.49	ppb
Lead	207-1	0.71	0.70	0.76	0.72	4.09	ppb
Lead	208-1	0.71	0.72	0.77	0.73	4.11	ppb
Lithium	6-1				100		%
Magnesium	24-2	78.02	81.14	77.55	78.90	2.47	ppb
Manganese	55-2	1.65	1.62	1.55	1.61	3.03	ppb
Molybdenum	94-1	3.70	3.81	3.83	3.78	1.82	ppb
Molybdenum	95-1	3.54	3.73	3.66	3.64	2.76	ppb
Molybdenum	96-1	3.81	3.76	3.61	3.73	2.77	ppb
Molybdenum	97-1	3.65	3.74	3.77	3.72	1.56	ppb
Molybdenum	98-1	3.87	3.89	3.87	3.88	0.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.84	0.87	0.74	0.81	8.16	ppb
Phosphorus	31-2	10.72	25.46	3.45	13.21	84.87	ppb
Potassium	39-2	50.23	46.92	47.10	48.08	3.87	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				95		%
Scandium	45-2				94		%
Selenium	82-1	0.74	0.69	0.62	0.69	8.80	ppb
Selenium	77-2	0.22	0.22	0.91	0.45	87.39	ppb
Selenium	78-2	-0.13	0.36	0.96	0.40	136.53	ppb
Silicon	28-1	5.92	8.28	9.39	7.86	22.48	ppb
Silver	107-1	0.18	0.21	0.21	0.20	10.21	ppb
Silver	109-1	0.20	0.20	0.21	0.20	5.17	ppb
Sodium	23-2	100.01	103.80	93.19	99.00	5.43	ppb
Strontium	86-1	0.86	0.74	0.78	0.79	7.85	ppb
Strontium	88-1	0.83	0.81	0.84	0.83	1.40	ppb
Sulfur	34-1	-660.41	-402.00	-283.90	-448.77		ppb
Terbium	159-1				104		%
Terbium	159-2				97		%
Thallium	203-1	0.67	0.71	0.74	0.71	4.84	ppb
Thallium	205-1	0.68	0.67	0.68	0.68	0.91	ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	M1458-07	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 14:56:56	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	-0.01	-0.01	0.00	-0.01		ppb
Tin	118-1	0.75	0.78	0.83	0.78	4.90	ppb
Titanium	47-1	4.30	3.73	4.29	4.11	7.93	ppb
Uranium	238-1	0.68	0.67	0.69	0.68	1.74	ppb
Vanadium	51-2	0.77	0.78	0.77	0.77	0.33	ppb
Yttrium	89-1				99		%
Yttrium	89-2				95		%
Zinc	66-2	1.68	1.51	1.67	1.62	5.73	ppb
Zirconium	90-1	0.74	0.70	0.74	0.73	2.67	ppb
Zirconium	91-1	0.72	0.79	0.76	0.76	4.35	ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	M1458-09	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-03-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 15:00:02	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.89	5.46	4.09	4.81	14.26	ppb
Antimony	121-1	0.25	0.24	0.25	0.25	2.33	ppb
Arsenic	75-2	0.17	0.24	0.28	0.23	24.58	ppb
Barium	135-1	1.20	1.29	1.19	1.23	4.56	ppb
Barium	137-1	1.13	1.20	1.09	1.14	4.81	ppb
Beryllium	9-1	0.19	0.29	0.23	0.24	22.64	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Boron	10-1	1.33	0.85	0.62	0.93	38.36	ppb
Boron	11-1	1.26	1.32	1.51	1.36	9.64	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.34	0.45	0.19	0.33	39.92	ppb
Cadmium	106-1	1.62	2.86	-0.49	1.33	127.57	ppb
Cadmium	108-1	0.33	0.13	0.13	0.20	58.33	ppb
Calcium	43-1	29.71	35.31	24.56	29.86	18.01	ppb
Calcium	44-1	26.07	23.12	22.39	23.86	8.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.26	0.24	0.25	0.25	4.82	ppb
Cobalt	59-2	0.24	0.23	0.23	0.24	2.14	ppb
Copper	63-2	0.33	0.39	0.32	0.35	9.79	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				104		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				95		%
Iron	56-2	12.53	11.76	11.83	12.04	3.52	ppb
Iron	57-2	10.78	11.31	11.80	11.30	4.55	ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	M1458-09	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-03-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 15:00:02	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	16.07	12.43	13.54	14.01	13.29	ppb
Krypton	83-1						cps
Lead	206-1	0.23	0.26	0.24	0.25	6.06	ppb
Lead	207-1	0.26	0.26	0.20	0.24	13.93	ppb
Lead	208-1	0.25	0.26	0.23	0.24	6.83	ppb
Lithium	6-1				101		%
Magnesium	24-2	24.07	24.61	24.34	24.34	1.10	ppb
Manganese	55-2	0.48	0.49	0.50	0.49	1.84	ppb
Molybdenum	94-1	1.04	1.11	1.15	1.10	4.78	ppb
Molybdenum	95-1	1.08	1.12	1.16	1.12	3.55	ppb
Molybdenum	96-1	1.17	1.17	1.14	1.16	1.54	ppb
Molybdenum	97-1	1.16	1.34	1.09	1.20	10.82	ppb
Molybdenum	98-1	1.16	1.17	1.07	1.13	4.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.21	0.20	0.19	0.20	3.77	ppb
Phosphorus	31-2	3.82	2.10	-6.17	-0.08		ppb
Potassium	39-2	22.91	16.36	12.09	17.12	31.83	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				94		%
Scandium	45-2				94		%
Selenium	82-1	2.27	2.19	3.09	2.52	19.96	ppb
Selenium	77-2	2.86	2.22	3.59	2.89	23.73	ppb
Selenium	78-2	1.30	2.25	3.01	2.19	39.00	ppb
Silicon	28-1	9.84	8.60	10.65	9.70	10.65	ppb
Silver	107-1	0.26	0.24	0.25	0.25	4.87	ppb
Silver	109-1	0.26	0.26	0.27	0.26	3.79	ppb
Sodium	23-2	40.45	38.01	38.72	39.06	3.21	ppb
Strontium	86-1	0.12	0.30	0.32	0.25	44.30	ppb
Strontium	88-1	0.23	0.26	0.26	0.25	5.66	ppb
Sulfur	34-1	44.24	-22.44	-252.48	-76.89		ppb
Terbium	159-1				104		%
Terbium	159-2				97		%
Thallium	203-1	0.18	0.19	0.21	0.19	8.60	ppb
Thallium	205-1	0.19	0.20	0.18	0.19	5.66	ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	M1458-09	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-03-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 15:00:02	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	-0.01	-0.01	0.00	-0.01		ppb
Tin	118-1	0.28	0.21	0.23	0.24	15.73	ppb
Titanium	47-1	1.06	1.13	1.17	1.12	4.95	ppb
Uranium	238-1	0.21	0.21	0.21	0.21	1.51	ppb
Vanadium	51-2	0.26	0.24	0.25	0.25	3.55	ppb
Yttrium	89-1				99		%
Yttrium	89-2				95		%
Zinc	66-2	0.46	0.41	0.46	0.45	5.92	ppb
Zirconium	90-1	0.22	0.20	0.23	0.22	8.01	ppb
Zirconium	91-1	0.22	0.22	0.21	0.22	3.99	ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	M1458-17	Instrumnet Name :	P7
Client Sample ID :	LLOQ-WATER-QT1-2021	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 15:03:10	DataFile Name :	026LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.78	18.60	19.07	19.82	8.65	ppb
Antimony	121-1	1.85	1.95	1.93	1.91	2.56	ppb
Arsenic	75-2	0.91	1.01	1.01	0.98	6.31	ppb
Barium	135-1	8.74	9.17	9.56	9.16	4.46	ppb
Barium	137-1	9.15	9.31	9.67	9.38	2.86	ppb
Beryllium	9-1	1.01	1.01	0.99	1.00	1.19	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Boron	10-1	21.81	25.18	22.23	23.07	7.96	ppb
Boron	11-1	23.91	24.98	26.81	25.23	5.82	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.88	1.19	0.99	1.02	15.61	ppb
Cadmium	106-1	1.01	3.56	0.61	1.73	92.42	ppb
Cadmium	108-1	1.02	0.84	0.96	0.94	9.69	ppb
Calcium	43-1	500.08	526.56	502.05	509.56	2.90	ppb
Calcium	44-1	502.28	511.60	508.97	507.62	0.95	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.94	1.93	1.95	1.94	0.57	ppb
Cobalt	59-2	0.96	1.02	1.01	1.00	3.32	ppb
Copper	63-2	1.61	1.69	1.59	1.63	3.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				95		%
Iron	56-2	49.23	51.27	47.97	49.49	3.37	ppb
Iron	57-2	46.70	48.51	47.15	47.45	1.98	ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	M1458-17	Instrumnet Name :	P7
Client Sample ID :	LLOQ-WATER-QT1-2021	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 15:03:10	DataFile Name :	026LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	50.88	54.78	51.53	52.40	3.99	ppb
Krypton	83-1						cps
Lead	206-1	0.88	0.92	0.89	0.90	2.45	ppb
Lead	207-1	0.78	0.83	0.90	0.83	7.17	ppb
Lead	208-1	0.85	0.88	0.88	0.87	2.39	ppb
Lithium	6-1				99		%
Magnesium	24-2	495.06	496.23	486.61	492.63	1.07	ppb
Manganese	55-2	0.93	0.94	0.96	0.95	1.64	ppb
Molybdenum	94-1	4.64	4.48	4.66	4.59	2.16	ppb
Molybdenum	95-1	4.53	4.65	4.80	4.66	2.89	ppb
Molybdenum	96-1	4.61	4.49	4.62	4.58	1.60	ppb
Molybdenum	97-1	4.75	4.61	4.66	4.67	1.50	ppb
Molybdenum	98-1	4.58	4.74	4.73	4.68	1.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.97	1.05	1.06	1.03	4.62	ppb
Phosphorus	31-2	-2.08	-11.67	-26.92	-13.56		ppb
Potassium	39-2	521.13	502.76	518.76	514.22	1.94	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				95		%
Scandium	45-2				94		%
Selenium	82-1	5.12	5.56	3.88	4.85	17.96	ppb
Selenium	77-2	4.21	2.51	5.24	3.99	34.59	ppb
Selenium	78-2	5.07	5.19	5.20	5.15	1.42	ppb
Silicon	28-1	15.01	18.43	20.16	17.87	14.66	ppb
Silver	107-1	0.96	0.96	1.04	0.99	4.87	ppb
Silver	109-1	0.98	0.96	0.99	0.98	1.54	ppb
Sodium	23-2	505.39	524.69	517.12	515.73	1.89	ppb
Strontium	86-1	0.89	1.12	1.05	1.02	11.32	ppb
Strontium	88-1	0.97	1.02	1.02	1.00	3.24	ppb
Sulfur	34-1	-572.86	-336.57	-215.09	-374.84		ppb
Terbium	159-1				104		%
Terbium	159-2				97		%
Thallium	203-1	0.86	0.94	0.92	0.91	4.58	ppb
Thallium	205-1	0.85	0.82	0.86	0.85	2.30	ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	M1458-17	Instrumnet Name :	P7
Client Sample ID :	LLOQ-WATER-QT1-2021	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 15:03:10	DataFile Name :	026LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	-0.01	-0.01	0.00	-0.01		ppb
Tin	118-1	4.80	4.77	5.03	4.86	2.95	ppb
Titanium	47-1	4.46	4.94	5.21	4.87	7.82	ppb
Uranium	238-1	0.87	0.84	0.83	0.85	2.75	ppb
Vanadium	51-2	4.90	4.95	4.74	4.87	2.26	ppb
Yttrium	89-1				100		%
Yttrium	89-2				95		%
Zinc	66-2	2.01	1.97	1.94	1.97	1.89	ppb
Zirconium	90-1	0.99	0.88	0.92	0.93	5.54	ppb
Zirconium	91-1	0.83	0.92	0.94	0.90	6.62	ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	M1458-10	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-04-Q1	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 15:06:16	DataFile Name :	027LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.48	17.90	15.23	16.87	8.52	ppb
Antimony	121-1	0.83	0.85	0.81	0.83	1.85	ppb
Arsenic	75-2	0.80	0.80	0.87	0.82	5.18	ppb
Barium	135-1	3.52	3.73	3.90	3.72	5.17	ppb
Barium	137-1	3.74	3.83	3.73	3.76	1.49	ppb
Beryllium	9-1	0.75	0.74	0.71	0.73	2.66	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Boron	10-1	2.25	1.68	2.28	2.07	16.38	ppb
Boron	11-1	2.37	2.35	2.41	2.38	1.23	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.84	0.83	0.75	0.81	6.46	ppb
Cadmium	106-1	2.01	2.57	1.44	2.01	28.20	ppb
Cadmium	108-1	1.20	1.03	1.08	1.10	8.20	ppb
Calcium	43-1	94.17	88.06	76.73	86.32	10.25	ppb
Calcium	44-1	80.08	78.88	81.92	80.29	1.91	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.82	0.83	0.81	0.82	1.40	ppb
Cobalt	59-2	0.82	0.91	0.86	0.86	5.03	ppb
Copper	63-2	1.43	1.46	1.46	1.45	1.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				95		%
Iron	56-2	40.64	41.60	39.57	40.60	2.49	ppb
Iron	57-2	41.52	37.15	38.57	39.08	5.70	ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	M1458-10	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-04-Q1	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 15:06:16	DataFile Name :	027LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	41.62	48.54	40.99	43.71	9.58	ppb
Krypton	83-1						cps
Lead	206-1	0.75	0.66	0.73	0.71	6.91	ppb
Lead	207-1	0.78	0.69	0.73	0.73	6.52	ppb
Lead	208-1	0.74	0.70	0.74	0.73	2.99	ppb
Lithium	6-1				100		%
Magnesium	24-2	80.51	82.88	78.80	80.73	2.54	ppb
Manganese	55-2	1.62	1.60	1.50	1.57	4.23	ppb
Molybdenum	94-1	3.68	3.63	3.77	3.69	1.88	ppb
Molybdenum	95-1	3.67	3.71	3.75	3.71	1.12	ppb
Molybdenum	96-1	3.64	3.47	3.72	3.61	3.54	ppb
Molybdenum	97-1	3.59	3.63	3.68	3.64	1.22	ppb
Molybdenum	98-1	3.75	3.80	3.88	3.81	1.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.83	0.75	0.80	0.79	5.04	ppb
Phosphorus	31-2	-7.10	-2.74	-8.42	-6.09		ppb
Potassium	39-2	45.88	53.23	40.26	46.46	14.00	ppb
Rhodium	103-1				97		%
Rhodium	103-2				95		%
Scandium	45-1				96		%
Scandium	45-2				93		%
Selenium	82-1	0.69	0.89	1.08	0.89	22.32	ppb
Selenium	77-2	0.56	0.55	2.20	1.10	85.77	ppb
Selenium	78-2	-0.46	1.57	0.58	0.57	179.24	ppb
Silicon	28-1	17.37	12.29	9.87	13.18	29.06	ppb
Silver	107-1	0.22	0.21	0.21	0.21	1.42	ppb
Silver	109-1	0.18	0.20	0.21	0.20	8.19	ppb
Sodium	23-2	97.68	99.65	91.23	96.19	4.58	ppb
Strontium	86-1	0.72	0.72	0.93	0.79	15.35	ppb
Strontium	88-1	0.82	0.83	0.85	0.83	2.16	ppb
Sulfur	34-1	-488.14	-248.45	-443.12	-393.24		ppb
Terbium	159-1				103		%
Terbium	159-2				97		%
Thallium	203-1	0.68	0.76	0.80	0.75	8.28	ppb
Thallium	205-1	0.66	0.67	0.71	0.68	3.91	ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	M1458-10	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-04-Q1	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 15:06:16	DataFile Name :	027LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	-0.01	0.00	0.00	0.00		ppb
Tin	118-1	0.75	0.77	0.83	0.78	5.03	ppb
Titanium	47-1	3.91	3.98	3.82	3.90	2.05	ppb
Uranium	238-1	0.69	0.68	0.74	0.70	4.48	ppb
Vanadium	51-2	0.82	0.83	0.79	0.81	2.10	ppb
Yttrium	89-1				101		%
Yttrium	89-2				95		%
Zinc	66-2	1.60	1.66	1.64	1.63	2.10	ppb
Zirconium	90-1	0.73	0.71	0.77	0.73	4.31	ppb
Zirconium	91-1	0.65	0.69	0.76	0.70	7.46	ppb

LB Number : LB113413 Operator : JASWAL
 Lab Sample ID : M1458-12 Instrumnet Name : P7
 Client Sample ID : MDL-WATER-06-QT1-20 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-05 15:09:24 DataFile Name : 028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.25	4.57	4.67	4.50	4.90	ppb
Antimony	121-1	0.25	0.23	0.27	0.25	7.61	ppb
Arsenic	75-2	0.25	0.24	0.21	0.23	10.73	ppb
Barium	135-1	1.12	1.20	1.11	1.14	4.09	ppb
Barium	137-1	1.04	1.09	1.20	1.11	7.55	ppb
Beryllium	9-1	0.24	0.23	0.26	0.25	4.97	ppb
Bismuth	209-1				104		%
Bismuth	209-2				97		%
Boron	10-1	1.00	1.32	1.01	1.11	16.18	ppb
Boron	11-1	1.75	1.38	1.44	1.52	13.20	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.30	0.09	0.30	0.23	51.70	ppb
Cadmium	106-1	1.05	-1.65	1.34	0.25	658.05	ppb
Cadmium	108-1	0.42	0.28	0.25	0.32	27.67	ppb
Calcium	43-1	24.15	22.45	24.18	23.59	4.18	ppb
Calcium	44-1	21.42	19.67	18.76	19.95	6.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.22	0.25	0.28	0.25	11.78	ppb
Cobalt	59-2	0.24	0.24	0.28	0.25	7.60	ppb
Copper	63-2	0.40	0.36	0.51	0.42	17.48	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				107		%
Holmium	165-2				95		%
Indium	115-1				102		%
Indium	115-2				94		%
Iron	56-2	12.40	12.06	13.59	12.69	6.32	ppb
Iron	57-2	12.09	10.04	13.31	11.81	14.00	ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	M1458-12	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-06-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 15:09:24	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	13.84	11.67	15.58	13.70	14.30	ppb
Krypton	83-1						cps
Lead	206-1	0.24	0.25	0.23	0.24	3.78	ppb
Lead	207-1	0.26	0.26	0.22	0.25	8.91	ppb
Lead	208-1	0.25	0.25	0.22	0.24	8.62	ppb
Lithium	6-1				101		%
Magnesium	24-2	24.52	23.65	27.16	25.11	7.27	ppb
Manganese	55-2	0.50	0.45	0.48	0.48	5.95	ppb
Molybdenum	94-1	1.11	1.17	1.05	1.11	5.25	ppb
Molybdenum	95-1	1.17	1.12	1.11	1.14	2.81	ppb
Molybdenum	96-1	1.15	1.15	1.06	1.12	4.41	ppb
Molybdenum	97-1	1.27	1.21	1.12	1.20	6.29	ppb
Molybdenum	98-1	1.15	1.15	1.16	1.16	0.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.23	0.22	0.26	0.23	8.54	ppb
Phosphorus	31-2	-2.13	-20.18	-14.20	-12.17		ppb
Potassium	39-2	15.88	15.46	39.60	23.65	58.44	ppb
Rhodium	103-1				100		%
Rhodium	103-2				94		%
Scandium	45-1				99		%
Scandium	45-2				93		%
Selenium	82-1	2.89	2.58	2.12	2.53	15.26	ppb
Selenium	77-2	2.84	5.79	1.29	3.31	69.10	ppb
Selenium	78-2	1.44	3.30	2.63	2.46	38.33	ppb
Silicon	28-1	4.52	5.95	1.05	3.84	65.56	ppb
Silver	107-1	0.21	0.23	0.26	0.24	9.36	ppb
Silver	109-1	0.22	0.22	0.23	0.22	3.67	ppb
Sodium	23-2	35.79	31.26	43.04	36.70	16.19	ppb
Strontium	86-1	0.33	0.10	0.14	0.19	64.23	ppb
Strontium	88-1	0.24	0.24	0.24	0.24	0.90	ppb
Sulfur	34-1	-705.00	-987.04	-1466.25	-1052.76		ppb
Terbium	159-1				106		%
Terbium	159-2				95		%
Thallium	203-1	0.21	0.18	0.20	0.20	7.93	ppb
Thallium	205-1	0.17	0.17	0.17	0.17	2.76	ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	M1458-12	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-06-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 15:09:24	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.21	0.28	0.20	0.23	18.57	ppb
Titanium	47-1	0.89	1.25	1.27	1.14	18.88	ppb
Uranium	238-1	0.20	0.19	0.19	0.20	3.72	ppb
Vanadium	51-2	0.23	0.24	0.26	0.24	6.24	ppb
Yttrium	89-1				102		%
Yttrium	89-2				94		%
Zinc	66-2	0.56	0.43	0.46	0.48	13.88	ppb
Zirconium	90-1	0.22	0.23	0.24	0.23	4.14	ppb
Zirconium	91-1	0.24	0.23	0.20	0.22	9.06	ppb

LB Number : LB113413 Operator : JASWAL
 Lab Sample ID : PB134949BL Instrumnet Name : P7
 Client Sample ID : PB134949BL Dilution Factor : 1
 Date & Time Acquired :: 2021-03-05 15:12:28 DataFile Name : 029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.31	-0.24	-0.23	-0.26		ppb
Antimony	121-1	-0.01	-0.01	0.00	-0.01		ppb
Arsenic	75-2	-0.02	-0.02	-0.01	-0.02		ppb
Barium	135-1	-0.01	0.00	-0.01	-0.01		ppb
Barium	137-1	0.00	0.00	-0.02	-0.01		ppb
Beryllium	9-1	0.01	-0.01	0.00	0.00	250.67	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	10-1	0.87	0.39	0.68	0.65	36.73	ppb
Boron	11-1	0.88	0.68	0.80	0.79	12.99	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.05	0.03	0.19	0.06	206.33	ppb
Cadmium	106-1	-0.61	0.57	2.49	0.82	191.75	ppb
Cadmium	108-1	0.00	0.10	0.07	0.06	85.86	ppb
Calcium	43-1	-1.01	1.41	3.07	1.16	177.32	ppb
Calcium	44-1	-4.82	-2.59	-3.76	-3.72		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	0.00	0.02	0.01	274.64	ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	148.69	ppb
Copper	63-2	-0.26	-0.26	-0.23	-0.25		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	-0.04	-0.01	0.08	0.01	814.91	ppb
Iron	57-2	-0.91	-1.22	-1.42	-1.18		ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	PB134949BL	Instrumnet Name :	P7
Client Sample ID :	PB134949BL	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 15:12:28	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	1.18	0.86	0.83	0.96	20.19	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.01	0.00	0.00	83.73	ppb
Lead	207-1	0.00	0.01	0.02	0.01	89.88	ppb
Lead	208-1	0.01	0.01	0.01	0.01	24.21	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.07	0.24	0.17	0.11	147.62	ppb
Manganese	55-2	-0.01	0.00	-0.01	0.00		ppb
Molybdenum	94-1	-0.02	-0.03	-0.01	-0.02		ppb
Molybdenum	95-1	0.00	-0.01	-0.01	0.00		ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	317.56	ppb
Molybdenum	97-1	-0.01	0.00	0.00	0.00		ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	182.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.01	-0.04	-0.03		ppb
Phosphorus	31-2	-0.17	-6.14	-17.08	-7.79		ppb
Potassium	39-2	-2.57	-2.62	-6.39	-3.86		ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	82-1	-0.16	0.44	0.92	0.40	135.86	ppb
Selenium	77-2	-0.10	0.21	-0.10	0.00	15306.89	ppb
Selenium	78-2	0.22	-0.45	-0.58	-0.27		ppb
Silicon	28-1	3.10	4.76	7.15	5.00	40.64	ppb
Silver	107-1	0.00	0.00	0.01	0.00	32.58	ppb
Silver	109-1	0.00	0.01	0.00	0.00	52.28	ppb
Sodium	23-2	5.24	8.34	7.87	7.15	23.36	ppb
Strontium	86-1	0.04	0.04	-0.05	0.01	418.93	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-736.51	-645.09	-324.20	-568.60		ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	-0.05	-0.04	-0.05	-0.05		ppb
Thallium	205-1	-0.04	-0.03	-0.03	-0.03		ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	PB134949BL	Instrumnet Name :	P7
Client Sample ID :	PB134949BL	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 15:12:28	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	-0.02	0.00	-0.02	-0.01		ppb
Titanium	47-1	0.01	-0.07	-0.09	-0.05		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				101		%
Yttrium	89-2				98		%
Zinc	66-2	-0.02	-0.06	-0.05	-0.04		ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb
Zirconium	91-1	0.02	0.00	0.00	0.01	163.53	ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	CCV02	Instrumnet Name :	P7
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 15:15:34	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48019.79	48113.80	47850.25	47994.61	0.28	ppb
Antimony	121-1	473.87	464.82	467.66	468.78	0.99	ppb
Arsenic	75-2	484.63	482.96	482.49	483.36	0.23	ppb
Barium	135-1	2340.04	2302.48	2309.09	2317.20	0.87	ppb
Barium	137-1	2483.16	2428.70	2448.38	2453.42	1.12	ppb
Beryllium	9-1	512.62	519.62	495.32	509.19	2.46	ppb
Bismuth	209-1				97		%
Bismuth	209-2				93		%
Boron	10-1	493.01	519.21	502.44	504.88	2.63	ppb
Boron	11-1	497.34	517.61	512.47	509.14	2.07	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	474.69	473.20	468.02	471.97	0.74	ppb
Cadmium	106-1	490.58	483.48	475.95	483.34	1.51	ppb
Cadmium	108-1	486.39	479.78	476.03	480.74	1.09	ppb
Calcium	43-1	241404.86	241884.53	243749.78	242346.39	0.51	ppb
Calcium	44-1	240378.95	242625.72	241115.76	241373.48	0.47	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	477.93	488.26	482.76	482.99	1.07	ppb
Cobalt	59-2	468.14	479.47	470.10	472.57	1.28	ppb
Copper	63-2	4741.31	4821.45	4812.28	4791.68	0.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				98		%
Indium	115-1				94		%
Indium	115-2				90		%
Iron	56-2	117730.17	120455.03	117858.52	118681.24	1.30	ppb
Iron	57-2	115787.81	120709.49	118035.80	118177.70	2.08	ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	CCV02	Instrumnet Name :	P7
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 15:15:34	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	120368.06	121443.45	120412.56	120741.36	0.50	ppb
Krypton	83-1						cps
Lead	206-1	2540.61	2557.61	2536.59	2544.94	0.44	ppb
Lead	207-1	2510.30	2564.02	2489.31	2521.21	1.53	ppb
Lead	208-1	2512.83	2536.06	2502.69	2517.19	0.68	ppb
Lithium	6-1				99		%
Magnesium	24-2	243182.24	246227.98	243369.78	244260.00	0.70	ppb
Manganese	55-2	4829.73	4869.35	4866.89	4855.32	0.46	ppb
Molybdenum	94-1	2427.20	2381.57	2375.40	2394.72	1.18	ppb
Molybdenum	95-1	2430.83	2401.66	2391.93	2408.14	0.84	ppb
Molybdenum	96-1	2433.09	2389.15	2390.27	2404.17	1.04	ppb
Molybdenum	97-1	2408.64	2365.20	2375.59	2383.14	0.95	ppb
Molybdenum	98-1	2423.80	2405.90	2409.48	2413.06	0.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	471.50	474.71	473.39	473.20	0.34	ppb
Phosphorus	31-2	9720.45	9926.99	9851.64	9833.02	1.06	ppb
Potassium	39-2	122569.09	123494.00	123550.51	123204.53	0.45	ppb
Rhodium	103-1				89		%
Rhodium	103-2				88		%
Scandium	45-1				93		%
Scandium	45-2				91		%
Selenium	82-1	468.89	470.23	463.09	467.40	0.81	ppb
Selenium	77-2	472.56	489.37	463.05	474.99	2.81	ppb
Selenium	78-2	488.08	492.91	493.43	491.47	0.60	ppb
Silicon	28-1	563.47	587.57	595.85	582.30	2.89	ppb
Silver	107-1	482.71	473.73	474.99	477.15	1.02	ppb
Silver	109-1	483.05	475.02	469.89	475.98	1.39	ppb
Sodium	23-2	243000.23	243134.91	242697.92	242944.35	0.09	ppb
Strontium	86-1	478.48	473.20	477.76	476.48	0.60	ppb
Strontium	88-1	489.94	485.52	478.75	484.73	1.16	ppb
Sulfur	34-1	10086.12	9652.93	9022.13	9587.06	5.58	ppb
Terbium	159-1				105		%
Terbium	159-2				98		%
Thallium	203-1	489.73	492.16	486.04	489.31	0.63	ppb
Thallium	205-1	511.50	513.42	509.08	511.34	0.43	ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	CCV02	Instrumnet Name :	P7
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 15:15:34	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	506.24	508.03	498.79	504.35	0.97	ppb
Tin	118-1	478.24	470.15	473.56	473.98	0.86	ppb
Titanium	47-1	2413.82	2405.04	2392.35	2403.73	0.45	ppb
Uranium	238-1	500.37	503.72	498.58	500.89	0.52	ppb
Vanadium	51-2	481.88	488.50	485.07	485.15	0.68	ppb
Yttrium	89-1				99		%
Yttrium	89-2				93		%
Zinc	66-2	4622.13	4711.80	4676.30	4670.08	0.97	ppb
Zirconium	90-1	498.35	476.58	480.81	485.24	2.38	ppb
Zirconium	91-1	484.34	470.48	467.73	474.18	1.88	ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	CCB02	Instrumnet Name :	P7
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 15:25:58	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.58	0.86	0.68	1.04	45.84	ppb
Antimony	121-1	0.03	0.03	0.03	0.03	12.16	ppb
Arsenic	75-2	0.04	0.04	-0.01	0.02	140.36	ppb
Barium	135-1	0.05	0.06	0.08	0.06	20.25	ppb
Barium	137-1	0.05	0.03	0.04	0.04	13.79	ppb
Beryllium	9-1	0.03	0.06	0.02	0.04	55.55	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Boron	10-1	2.88	1.81	2.37	2.36	22.73	ppb
Boron	11-1	2.93	2.84	2.50	2.76	8.24	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.01	-0.17	-0.04	-0.07		ppb
Cadmium	106-1	-0.01	-2.34	-0.72	-1.02		ppb
Cadmium	108-1	0.17	0.04	-0.13	0.03	536.88	ppb
Calcium	43-1	10.06	7.93	5.37	7.79	30.15	ppb
Calcium	44-1	5.38	3.83	3.74	4.31	21.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	-0.01	0.02	0.01	136.11	ppb
Cobalt	59-2	0.02	0.01	0.01	0.01	42.75	ppb
Copper	63-2	-0.10	-0.05	-0.03	-0.06		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				97		%
Indium	115-1				96		%
Indium	115-2				93		%
Iron	56-2	2.60	2.41	2.33	2.44	5.64	ppb
Iron	57-2	2.45	2.09	1.20	1.91	33.73	ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	CCB02	Instrumnet Name :	P7
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 15:25:58	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	3.28	3.38	3.52	3.39	3.66	ppb
Krypton	83-1						cps
Lead	206-1	0.17	0.18	0.16	0.17	4.99	ppb
Lead	207-1	0.21	0.15	0.15	0.17	20.75	ppb
Lead	208-1	0.18	0.17	0.15	0.17	8.73	ppb
Lithium	6-1				101		%
Magnesium	24-2	6.14	4.88	5.97	5.66	12.10	ppb
Manganese	55-2	0.11	0.11	0.11	0.11	1.90	ppb
Molybdenum	94-1	0.12	0.07	0.10	0.10	29.47	ppb
Molybdenum	95-1	0.10	0.07	0.08	0.09	16.53	ppb
Molybdenum	96-1	0.10	0.10	0.07	0.09	21.94	ppb
Molybdenum	97-1	0.12	0.11	0.08	0.11	18.89	ppb
Molybdenum	98-1	0.09	0.09	0.09	0.09	2.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.04	-0.01	-0.02		ppb
Phosphorus	31-2	-5.28	-15.40	-23.58	-14.75		ppb
Potassium	39-2	17.26	13.54	17.87	16.23	14.45	ppb
Rhodium	103-1				93		%
Rhodium	103-2				93		%
Scandium	45-1				91		%
Scandium	45-2				90		%
Selenium	82-1	0.10	0.36	0.04	0.16	103.80	ppb
Selenium	77-2	-0.10	-0.10	-0.10	-0.10		ppb
Selenium	78-2	-0.31	-0.45	-0.44	-0.40		ppb
Silicon	28-1	5.50	6.07	6.05	5.87	5.56	ppb
Silver	107-1	0.02	0.02	0.02	0.02	15.10	ppb
Silver	109-1	0.01	0.02	0.01	0.02	13.35	ppb
Sodium	23-2	41.03	37.89	41.03	39.99	4.53	ppb
Strontium	86-1	-0.04	-0.03	-0.05	-0.04		ppb
Strontium	88-1	0.02	0.01	0.01	0.01	22.25	ppb
Sulfur	34-1	-311.38	-619.29	-555.71	-495.46		ppb
Terbium	159-1				103		%
Terbium	159-2				96		%
Thallium	203-1	0.00	0.01	-0.02	0.00		ppb
Thallium	205-1	0.01	0.00	0.01	0.00	179.55	ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	CCB02	Instrumnet Name :	P7
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 15:25:58	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.01	0.01	0.01	35.37	ppb
Tin	118-1	0.02	0.02	0.00	0.01	72.08	ppb
Titanium	47-1	0.07	0.08	0.01	0.06	67.27	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	13.69	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	21.95	ppb
Yttrium	89-1				97		%
Yttrium	89-2				93		%
Zinc	66-2	0.08	0.08	0.16	0.11	44.55	ppb
Zirconium	90-1	0.03	0.03	0.02	0.03	2.97	ppb
Zirconium	91-1	0.03	0.04	0.02	0.03	36.20	ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	PB134949BS	Instrumnet Name :	P7
Client Sample ID :	PB134949BS	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 15:29:04	DataFile Name :	032LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10016.62	10007.47	10087.37	10037.15	0.44	ppb
Antimony	121-1	482.08	490.82	487.25	486.71	0.90	ppb
Arsenic	75-2	506.35	507.54	502.17	505.35	0.56	ppb
Barium	135-1	2381.13	2403.57	2401.35	2395.35	0.52	ppb
Barium	137-1	2509.83	2515.43	2552.29	2525.85	0.91	ppb
Beryllium	9-1	508.85	509.44	513.68	510.65	0.52	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Boron	10-1	471.13	496.08	506.11	491.11	3.67	ppb
Boron	11-1	481.49	508.27	521.95	503.90	4.08	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	497.28	498.41	506.57	500.75	1.01	ppb
Cadmium	106-1	490.48	508.20	507.14	501.94	1.98	ppb
Cadmium	108-1	502.15	501.65	496.36	500.05	0.64	ppb
Calcium	43-1	52838.81	53145.79	53841.62	53275.41	0.96	ppb
Calcium	44-1	50426.70	50744.60	50810.04	50660.44	0.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	497.82	497.55	494.82	496.73	0.33	ppb
Cobalt	59-2	496.51	495.09	498.00	496.54	0.29	ppb
Copper	63-2	5135.42	5097.00	5105.82	5112.74	0.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				99		%
Indium	115-1				96		%
Indium	115-2				91		%
Iron	56-2	25514.13	25174.00	25252.52	25313.55	0.70	ppb
Iron	57-2	25212.02	25017.36	25095.26	25108.21	0.39	ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	PB134949BS	Instrumnet Name :	P7
Client Sample ID :	PB134949BS	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 15:29:04	DataFile Name :	032LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	26214.53	26322.89	26389.89	26309.10	0.34	ppb
Krypton	83-1						cps
Lead	206-1	2574.30	2575.27	2535.41	2561.66	0.89	ppb
Lead	207-1	2540.18	2577.33	2562.79	2560.10	0.73	ppb
Lead	208-1	2548.46	2559.67	2539.04	2549.06	0.41	ppb
Lithium	6-1				102		%
Magnesium	24-2	50663.81	50391.07	50596.39	50550.42	0.28	ppb
Manganese	55-2	4999.74	5020.27	5065.40	5028.47	0.67	ppb
Molybdenum	94-1	2453.14	2468.46	2483.71	2468.44	0.62	ppb
Molybdenum	95-1	2431.77	2476.96	2496.15	2468.29	1.34	ppb
Molybdenum	96-1	2455.95	2466.19	2506.69	2476.28	1.08	ppb
Molybdenum	97-1	2455.82	2442.87	2485.78	2461.49	0.89	ppb
Molybdenum	98-1	2491.28	2467.23	2518.94	2492.48	1.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	501.91	498.85	499.05	499.94	0.34	ppb
Phosphorus	31-2	10138.86	9994.25	9973.37	10035.49	0.90	ppb
Potassium	39-2	25645.30	25513.04	25370.91	25509.75	0.54	ppb
Rhodium	103-1				93		%
Rhodium	103-2				91		%
Scandium	45-1				92		%
Scandium	45-2				91		%
Selenium	82-1	485.66	487.65	498.83	490.71	1.45	ppb
Selenium	77-2	487.78	504.85	519.54	504.06	3.15	ppb
Selenium	78-2	508.23	512.53	503.48	508.08	0.89	ppb
Silicon	28-1	514.34	520.46	518.28	517.70	0.60	ppb
Silver	107-1	506.43	504.07	504.70	505.06	0.24	ppb
Silver	109-1	503.65	511.71	507.32	507.56	0.80	ppb
Sodium	23-2	50437.72	50540.70	50802.44	50593.62	0.37	ppb
Strontium	86-1	489.14	489.41	497.52	492.02	0.97	ppb
Strontium	88-1	499.10	494.87	500.97	498.31	0.63	ppb
Sulfur	34-1	9563.45	9500.17	9645.39	9569.67	0.76	ppb
Terbium	159-1				106		%
Terbium	159-2				98		%
Thallium	203-1	487.61	498.73	493.25	493.20	1.13	ppb
Thallium	205-1	512.24	512.72	511.77	512.25	0.09	ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	PB134949BS	Instrumnet Name :	P7
Client Sample ID :	PB134949BS	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 15:29:04	DataFile Name :	032LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	493.32	505.34	500.11	499.59	1.21	ppb
Tin	118-1	484.75	497.20	491.79	491.25	1.27	ppb
Titanium	47-1	2471.99	2497.00	2486.70	2485.23	0.51	ppb
Uranium	238-1	485.25	504.30	494.12	494.55	1.93	ppb
Vanadium	51-2	495.93	494.40	494.24	494.86	0.19	ppb
Yttrium	89-1				98		%
Yttrium	89-2				93		%
Zinc	66-2	5001.76	5020.89	4977.28	4999.98	0.44	ppb
Zirconium	90-1	494.84	502.43	501.98	499.75	0.85	ppb
Zirconium	91-1	484.52	490.52	489.79	488.28	0.67	ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	PB134950BL	Instrumnet Name :	P7
Client Sample ID :	PB134950BL	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 15:41:47	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.07	-0.26	-0.18	-0.12		ppb
Antimony	121-1	0.02	0.03	0.02	0.02	16.22	ppb
Arsenic	75-2	0.01	-0.01	-0.02	-0.01		ppb
Barium	135-1	0.04	0.02	0.00	0.02	115.04	ppb
Barium	137-1	0.02	0.02	0.00	0.01	104.11	ppb
Beryllium	9-1	0.00	0.06	-0.01	0.02	213.71	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Boron	10-1	2.59	1.79	2.16	2.18	18.48	ppb
Boron	11-1	2.42	2.29	2.46	2.39	3.66	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.02	-0.16	-0.04	-0.08		ppb
Cadmium	106-1	-0.36	-2.05	-0.68	-1.03		ppb
Cadmium	108-1	-0.02	0.11	-0.13	-0.02		ppb
Calcium	43-1	0.43	3.66	-0.67	1.14	197.10	ppb
Calcium	44-1	-1.36	-2.35	-4.19	-2.63		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.01	0.03	0.02	56.20	ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	175.00	ppb
Copper	63-2	-0.11	-0.15	-0.16	-0.14		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				98		%
Indium	115-1				96		%
Indium	115-2				95		%
Iron	56-2	-0.15	-0.09	0.15	-0.03		ppb
Iron	57-2	-0.24	-1.28	-1.07	-0.86		ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	PB134950BL	Instrumnet Name :	P7
Client Sample ID :	PB134950BL	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 15:41:47	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	0.38	1.27	1.83	1.16	63.05	ppb
Krypton	83-1						cps
Lead	206-1	0.15	0.14	0.15	0.15	4.36	ppb
Lead	207-1	0.13	0.16	0.12	0.14	15.38	ppb
Lead	208-1	0.14	0.14	0.12	0.13	6.96	ppb
Lithium	6-1				98		%
Magnesium	24-2	0.43	0.08	0.16	0.23	81.08	ppb
Manganese	55-2	0.04	0.03	0.04	0.04	14.28	ppb
Molybdenum	94-1	0.04	0.03	0.03	0.03	22.85	ppb
Molybdenum	95-1	0.05	0.04	0.03	0.04	23.70	ppb
Molybdenum	96-1	0.05	0.02	0.03	0.03	34.20	ppb
Molybdenum	97-1	0.05	0.04	0.02	0.04	41.40	ppb
Molybdenum	98-1	0.06	0.03	0.04	0.04	27.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.04	-0.02	-0.02		ppb
Phosphorus	31-2	-20.36	-17.50	-34.98	-24.28		ppb
Potassium	39-2	-0.54	4.93	4.39	2.93	103.02	ppb
Rhodium	103-1				94		%
Rhodium	103-2				95		%
Scandium	45-1				92		%
Scandium	45-2				93		%
Selenium	82-1	-0.51	0.09	0.53	0.04	1395.18	ppb
Selenium	77-2	-0.10	-0.10	-0.10	-0.10		ppb
Selenium	78-2	-0.74	0.31	-0.25	-0.23		ppb
Silicon	28-1	9.05	8.54	6.28	7.96	18.53	ppb
Silver	107-1	0.00	0.01	0.00	0.00	66.25	ppb
Silver	109-1	0.01	0.01	0.01	0.01	13.15	ppb
Sodium	23-2	21.49	19.09	21.58	20.72	6.83	ppb
Strontium	86-1	-0.08	0.07	-0.02	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	85.68	ppb
Sulfur	34-1	-879.18	-903.33	-1099.31	-960.61		ppb
Terbium	159-1				103		%
Terbium	159-2				97		%
Thallium	203-1	-0.02	-0.03	-0.03	-0.02		ppb
Thallium	205-1	0.00	0.00	-0.01	0.00		ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	PB134950BL	Instrumnet Name :	P7
Client Sample ID :	PB134950BL	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 15:41:47	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.01	0.00	0.01	45.08	ppb
Tin	118-1	-0.01	-0.01	-0.02	-0.01		ppb
Titanium	47-1	0.02	0.01	-0.02	0.00	636.72	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	58.74	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	97.25	ppb
Yttrium	89-1				98		%
Yttrium	89-2				95		%
Zinc	66-2	0.10	0.01	-0.01	0.03	188.16	ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	63.76	ppb
Zirconium	91-1	0.03	0.04	0.00	0.02	103.64	ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	PB134950BS	Instrumnet Name :	P7
Client Sample ID :	PB134950BS	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 15:44:53	DataFile Name :	034LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9999.70	10056.00	9861.61	9972.44	1.00	ppb
Antimony	121-1	485.54	480.47	471.67	479.22	1.46	ppb
Arsenic	75-2	506.42	497.89	503.68	502.66	0.87	ppb
Barium	135-1	2404.22	2387.34	2333.91	2375.16	1.55	ppb
Barium	137-1	2541.63	2529.88	2472.15	2514.55	1.48	ppb
Beryllium	9-1	514.98	507.52	496.86	506.45	1.80	ppb
Bismuth	209-1				103		%
Bismuth	209-2				97		%
Boron	10-1	476.64	493.41	490.05	486.70	1.82	ppb
Boron	11-1	476.82	504.90	503.15	494.96	3.18	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	498.07	493.48	484.73	492.09	1.38	ppb
Cadmium	106-1	506.98	498.07	488.59	497.88	1.85	ppb
Cadmium	108-1	512.14	499.68	476.41	496.07	3.66	ppb
Calcium	43-1	52292.11	52081.77	51463.14	51945.67	0.83	ppb
Calcium	44-1	49576.69	49722.80	48914.61	49404.70	0.87	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	502.30	497.05	491.67	497.01	1.07	ppb
Cobalt	59-2	496.82	495.85	494.08	495.58	0.28	ppb
Copper	63-2	5128.43	5127.51	5083.63	5113.19	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				106		%
Holmium	165-2				98		%
Indium	115-1				97		%
Indium	115-2				91		%
Iron	56-2	25068.93	24959.71	24927.74	24985.46	0.30	ppb
Iron	57-2	25022.07	24975.45	24765.47	24921.00	0.55	ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	PB134950BS	Instrumnet Name :	P7
Client Sample ID :	PB134950BS	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 15:44:53	DataFile Name :	034LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	26145.58	26037.53	25919.53	26034.21	0.43	ppb
Krypton	83-1						cps
Lead	206-1	2551.79	2569.58	2481.94	2534.44	1.83	ppb
Lead	207-1	2539.59	2544.85	2476.53	2520.32	1.51	ppb
Lead	208-1	2524.02	2544.87	2470.96	2513.28	1.52	ppb
Lithium	6-1				101		%
Magnesium	24-2	50642.39	50142.12	49993.59	50259.36	0.68	ppb
Manganese	55-2	5024.11	5008.31	4947.48	4993.30	0.81	ppb
Molybdenum	94-1	2397.02	2398.28	2370.88	2388.73	0.65	ppb
Molybdenum	95-1	2439.65	2394.50	2392.07	2408.74	1.11	ppb
Molybdenum	96-1	2439.37	2409.30	2401.71	2416.79	0.82	ppb
Molybdenum	97-1	2415.06	2393.45	2371.79	2393.43	0.90	ppb
Molybdenum	98-1	2433.93	2418.31	2401.65	2417.96	0.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	503.25	498.68	496.08	499.34	0.73	ppb
Phosphorus	31-2	10148.35	9820.33	10126.80	10031.83	1.83	ppb
Potassium	39-2	25407.69	25501.47	25158.97	25356.04	0.70	ppb
Rhodium	103-1				93		%
Rhodium	103-2				91		%
Scandium	45-1				94		%
Scandium	45-2				90		%
Selenium	82-1	480.34	481.64	472.61	478.19	1.02	ppb
Selenium	77-2	493.60	502.45	513.39	503.15	1.97	ppb
Selenium	78-2	507.65	501.88	500.70	503.41	0.74	ppb
Silicon	28-1	512.22	513.71	492.33	506.09	2.36	ppb
Silver	107-1	500.73	494.15	485.88	493.59	1.51	ppb
Silver	109-1	499.24	494.64	485.73	493.20	1.39	ppb
Sodium	23-2	50905.67	50336.73	50493.31	50578.57	0.58	ppb
Strontium	86-1	482.55	476.91	475.19	478.22	0.80	ppb
Strontium	88-1	489.37	485.36	477.50	484.08	1.25	ppb
Sulfur	34-1	9084.36	8709.01	8410.24	8734.54	3.87	ppb
Terbium	159-1				106		%
Terbium	159-2				97		%
Thallium	203-1	483.50	485.93	473.23	480.89	1.40	ppb
Thallium	205-1	505.99	511.64	492.71	503.45	1.93	ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	PB134950BS	Instrumnet Name :	P7
Client Sample ID :	PB134950BS	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 15:44:53	DataFile Name :	034LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	494.02	493.27	484.89	490.73	1.03	ppb
Tin	118-1	495.53	488.41	478.43	487.46	1.76	ppb
Titanium	47-1	2449.81	2467.32	2413.83	2443.65	1.12	ppb
Uranium	238-1	480.85	486.12	481.68	482.88	0.59	ppb
Vanadium	51-2	495.14	494.75	491.41	493.77	0.42	ppb
Yttrium	89-1				100		%
Yttrium	89-2				93		%
Zinc	66-2	4966.41	4968.37	4952.88	4962.56	0.17	ppb
Zirconium	90-1	494.47	489.00	485.14	489.54	0.96	ppb
Zirconium	91-1	475.82	475.95	472.68	474.82	0.39	ppb

LB Number : LB113413 Operator : JASWAL
 Lab Sample ID : PB134947BL Instrumnet Name : P7
 Client Sample ID : PB134947BL Dilution Factor : 1
 Date & Time Acquired :: 2021-03-05 16:02:27 DataFile Name : 035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.50	-0.25	-0.43	-0.39		ppb
Antimony	121-1	0.02	0.02	0.03	0.02	29.93	ppb
Arsenic	75-2	0.00	0.00	-0.02	-0.01		ppb
Barium	135-1	0.07	0.03	0.01	0.04	70.69	ppb
Barium	137-1	0.04	0.05	0.05	0.05	13.23	ppb
Beryllium	9-1	0.00	0.02	0.01	0.01	78.43	ppb
Bismuth	209-1				103		%
Bismuth	209-2				97		%
Boron	10-1	2.02	1.61	1.39	1.67	19.06	ppb
Boron	11-1	1.57	1.01	1.41	1.33	21.76	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.06	-0.14	-0.15	-0.12		ppb
Cadmium	106-1	-0.98	-1.86	-1.83	-1.56		ppb
Cadmium	108-1	-0.06	0.03	0.20	0.06	232.01	ppb
Calcium	43-1	0.01	1.03	-3.10	-0.68		ppb
Calcium	44-1	-3.92	-3.37	-2.96	-3.42		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.05	0.03	0.06	0.05	31.81	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	44.65	ppb
Copper	63-2	-0.18	-0.17	-0.23	-0.19		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				96		%
Indium	115-1				99		%
Indium	115-2				92		%
Iron	56-2	0.30	0.41	0.49	0.40	22.86	ppb
Iron	57-2	0.77	-0.32	0.58	0.34	170.03	ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	PB134947BL	Instrumnet Name :	P7
Client Sample ID :	PB134947BL	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 16:02:27	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	0.82	1.43	0.99	1.08	29.11	ppb
Krypton	83-1						cps
Lead	206-1	0.14	0.12	0.15	0.14	13.58	ppb
Lead	207-1	0.16	0.16	0.11	0.14	19.96	ppb
Lead	208-1	0.15	0.13	0.14	0.14	8.04	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.54	0.57	0.93	0.68	32.26	ppb
Manganese	55-2	0.10	0.10	0.10	0.10	3.16	ppb
Molybdenum	94-1	0.05	0.06	0.02	0.05	48.43	ppb
Molybdenum	95-1	0.05	0.05	0.05	0.05	4.00	ppb
Molybdenum	96-1	0.07	0.04	0.05	0.05	28.01	ppb
Molybdenum	97-1	0.03	0.02	0.07	0.04	57.36	ppb
Molybdenum	98-1	0.06	0.05	0.07	0.06	19.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.04	0.00	-0.01		ppb
Phosphorus	31-2	-17.22	-21.10	-36.28	-24.87		ppb
Potassium	39-2	13.62	14.72	8.65	12.33	26.24	ppb
Rhodium	103-1				95		%
Rhodium	103-2				93		%
Scandium	45-1				93		%
Scandium	45-2				90		%
Selenium	82-1	0.33	-0.43	-0.10	-0.07		ppb
Selenium	77-2	-0.10	-0.10	-0.10	-0.10		ppb
Selenium	78-2	-1.07	-0.27	-0.09	-0.48		ppb
Silicon	28-1	8.78	1.77	8.43	6.33	62.47	ppb
Silver	107-1	0.02	0.01	0.01	0.01	38.48	ppb
Silver	109-1	0.01	0.01	0.02	0.01	10.09	ppb
Sodium	23-2	18.66	14.25	16.93	16.61	13.38	ppb
Strontium	86-1	-0.08	-0.17	-0.04	-0.10		ppb
Strontium	88-1	0.00	0.01	0.01	0.01	39.37	ppb
Sulfur	34-1	-300.26	-1508.81	-922.17	-910.42		ppb
Terbium	159-1				105		%
Terbium	159-2				95		%
Thallium	203-1	-0.02	0.00	0.00	-0.01		ppb
Thallium	205-1	0.00	-0.01	-0.02	-0.01		ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	PB134947BL	Instrumnet Name :	P7
Client Sample ID :	PB134947BL	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 16:02:27	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.01	0.01	0.01	10.53	ppb
Tin	118-1	0.02	0.01	0.02	0.02	28.94	ppb
Titanium	47-1	0.01	0.00	0.00	0.00	208.33	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	9.81	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	4.70	ppb
Yttrium	89-1				99		%
Yttrium	89-2				93		%
Zinc	66-2	0.13	0.04	0.09	0.09	50.10	ppb
Zirconium	90-1	0.03	0.02	0.02	0.02	27.27	ppb
Zirconium	91-1	0.02	0.01	0.04	0.03	57.48	ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	PB134947BS	Instrumnet Name :	P7
Client Sample ID :	PB134947BS	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 16:05:33	DataFile Name :	036DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9992.01	9959.07	9949.90	9966.99	0.22	ppb
Antimony	121-1	488.48	480.53	480.02	483.01	0.98	ppb
Arsenic	75-2	503.70	495.20	494.04	497.65	1.06	ppb
Barium	135-1	2373.25	2345.37	2373.39	2364.00	0.68	ppb
Barium	137-1	2508.35	2464.48	2531.29	2501.37	1.36	ppb
Beryllium	9-1	512.02	511.96	511.14	511.71	0.10	ppb
Bismuth	209-1				101		%
Bismuth	209-2				97		%
Boron	10-1	481.37	496.03	499.35	492.25	1.94	ppb
Boron	11-1	488.71	493.94	506.69	496.45	1.86	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	502.01	494.76	494.87	497.21	0.84	ppb
Cadmium	106-1	513.53	484.73	506.68	501.65	3.00	ppb
Cadmium	108-1	508.93	499.57	496.10	501.53	1.32	ppb
Calcium	43-1	52202.77	52377.27	52026.01	52202.02	0.34	ppb
Calcium	44-1	49980.23	49773.65	49684.00	49812.63	0.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	492.30	488.12	489.08	489.83	0.45	ppb
Cobalt	59-2	491.40	490.71	486.59	489.57	0.53	ppb
Copper	63-2	5066.84	5038.08	4951.19	5018.70	1.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				98		%
Indium	115-1				95		%
Indium	115-2				90		%
Iron	56-2	24696.56	24550.32	24680.56	24642.48	0.33	ppb
Iron	57-2	24478.43	24529.56	24367.13	24458.37	0.34	ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	PB134947BS	Instrumnet Name :	P7
Client Sample ID :	PB134947BS	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 16:05:33	DataFile Name :	036DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	25713.45	25736.80	25494.33	25648.20	0.52	ppb
Krypton	83-1						cps
Lead	206-1	2574.30	2556.35	2532.28	2554.31	0.83	ppb
Lead	207-1	2590.54	2551.63	2539.73	2560.63	1.04	ppb
Lead	208-1	2566.96	2537.71	2521.53	2542.07	0.91	ppb
Lithium	6-1				101		%
Magnesium	24-2	50223.07	50377.60	49757.68	50119.45	0.64	ppb
Manganese	55-2	4928.80	4944.56	4986.76	4953.37	0.60	ppb
Molybdenum	94-1	2405.38	2430.63	2441.26	2425.76	0.76	ppb
Molybdenum	95-1	2419.52	2467.26	2453.45	2446.74	1.00	ppb
Molybdenum	96-1	2425.39	2420.98	2456.85	2434.41	0.80	ppb
Molybdenum	97-1	2415.04	2420.07	2447.26	2427.46	0.71	ppb
Molybdenum	98-1	2458.26	2424.71	2455.38	2446.12	0.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	491.82	492.30	490.74	491.62	0.16	ppb
Phosphorus	31-2	9909.19	9769.76	9806.62	9828.52	0.74	ppb
Potassium	39-2	25254.04	25048.73	25045.26	25116.01	0.48	ppb
Rhodium	103-1				92		%
Rhodium	103-2				90		%
Scandium	45-1				92		%
Scandium	45-2				91		%
Selenium	82-1	486.71	485.16	490.20	487.36	0.53	ppb
Selenium	77-2	511.51	473.98	523.24	502.91	5.12	ppb
Selenium	78-2	507.48	501.50	497.65	502.21	0.99	ppb
Silicon	28-1	523.75	518.47	506.59	516.27	1.70	ppb
Silver	107-1	501.95	490.50	495.27	495.91	1.16	ppb
Silver	109-1	496.49	492.46	493.29	494.08	0.43	ppb
Sodium	23-2	51008.70	50348.09	50220.01	50525.60	0.84	ppb
Strontium	86-1	482.99	482.50	490.94	485.48	0.98	ppb
Strontium	88-1	493.53	489.49	496.21	493.08	0.69	ppb
Sulfur	34-1	10043.98	9729.48	9775.45	9849.63	1.72	ppb
Terbium	159-1				105		%
Terbium	159-2				97		%
Thallium	203-1	485.70	492.32	486.90	488.31	0.72	ppb
Thallium	205-1	509.74	505.70	499.64	505.03	1.01	ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	PB134947BS	Instrumnet Name :	P7
Client Sample ID :	PB134947BS	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 16:05:33	DataFile Name :	036DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	490.90	495.35	501.07	495.77	1.03	ppb
Tin	118-1	498.64	488.09	494.45	493.73	1.08	ppb
Titanium	47-1	2457.89	2444.04	2435.80	2445.91	0.46	ppb
Uranium	238-1	492.86	489.64	498.06	493.52	0.86	ppb
Vanadium	51-2	491.89	487.12	484.20	487.74	0.80	ppb
Yttrium	89-1				98		%
Yttrium	89-2				92		%
Zinc	66-2	4926.45	4907.72	4878.52	4904.23	0.49	ppb
Zirconium	90-1	494.84	484.28	489.20	489.44	1.08	ppb
Zirconium	91-1	480.95	480.25	485.04	482.08	0.54	ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	CCV03	Instrumnet Name :	P7
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 16:08:29	DataFile Name :	037CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48308.52	48240.35	47657.20	48068.69	0.74	ppb
Antimony	121-1	454.37	457.36	461.35	457.69	0.77	ppb
Arsenic	75-2	485.96	487.70	486.13	486.60	0.20	ppb
Barium	135-1	2239.26	2260.59	2271.44	2257.10	0.73	ppb
Barium	137-1	2373.84	2389.14	2404.25	2389.08	0.64	ppb
Beryllium	9-1	491.03	488.40	496.17	491.86	0.80	ppb
Bismuth	209-1				96		%
Bismuth	209-2				92		%
Boron	10-1	473.38	499.65	503.95	492.33	3.36	ppb
Boron	11-1	489.25	512.81	514.61	505.56	2.80	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	461.66	459.14	461.46	460.75	0.30	ppb
Cadmium	106-1	470.19	466.13	466.01	467.44	0.51	ppb
Cadmium	108-1	459.96	464.44	470.62	465.00	1.15	ppb
Calcium	43-1	250895.62	252082.29	241867.50	248281.80	2.25	ppb
Calcium	44-1	237716.98	238482.64	241272.61	239157.41	0.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	484.43	483.27	480.96	482.89	0.37	ppb
Cobalt	59-2	472.11	473.84	468.95	471.64	0.53	ppb
Copper	63-2	4772.14	4781.78	4756.83	4770.25	0.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				96		%
Indium	115-1				91		%
Indium	115-2				87		%
Iron	56-2	119967.88	118579.61	119357.32	119301.60	0.58	ppb
Iron	57-2	119013.52	118711.53	118258.70	118661.25	0.32	ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	CCV03	Instrumnet Name :	P7
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 16:08:29	DataFile Name :	037CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	121419.54	121317.70	119620.89	120786.04	0.84	ppb
Krypton	83-1						cps
Lead	206-1	2511.06	2529.10	2537.47	2525.88	0.53	ppb
Lead	207-1	2488.30	2541.75	2529.13	2519.73	1.11	ppb
Lead	208-1	2496.09	2532.05	2530.02	2519.39	0.80	ppb
Lithium	6-1				101		%
Magnesium	24-2	246958.98	248226.99	246690.38	247292.12	0.33	ppb
Manganese	55-2	4938.00	4834.86	4833.24	4868.70	1.23	ppb
Molybdenum	94-1	2389.18	2358.59	2393.72	2380.50	0.80	ppb
Molybdenum	95-1	2385.77	2388.34	2411.76	2395.29	0.60	ppb
Molybdenum	96-1	2359.58	2370.15	2391.92	2373.88	0.69	ppb
Molybdenum	97-1	2351.51	2347.32	2373.99	2357.61	0.61	ppb
Molybdenum	98-1	2362.82	2372.82	2383.55	2373.06	0.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	471.81	469.41	465.74	468.99	0.65	ppb
Phosphorus	31-2	9934.03	9992.77	9789.02	9905.28	1.06	ppb
Potassium	39-2	124320.61	123908.19	123929.04	124052.62	0.19	ppb
Rhodium	103-1				86		%
Rhodium	103-2				86		%
Scandium	45-1				89		%
Scandium	45-2				89		%
Selenium	82-1	461.48	463.60	467.19	464.09	0.62	ppb
Selenium	77-2	487.40	501.96	459.05	482.80	4.52	ppb
Selenium	78-2	491.16	484.41	495.00	490.19	1.09	ppb
Silicon	28-1	560.27	587.16	590.31	579.25	2.85	ppb
Silver	107-1	458.15	458.85	464.20	460.40	0.72	ppb
Silver	109-1	463.85	462.10	459.27	461.74	0.50	ppb
Sodium	23-2	245656.31	247673.15	246583.35	246637.60	0.41	ppb
Strontium	86-1	469.00	470.74	477.36	472.37	0.93	ppb
Strontium	88-1	480.14	481.59	485.51	482.41	0.58	ppb
Sulfur	34-1	8606.01	8630.60	8572.32	8602.98	0.34	ppb
Terbium	159-1				104		%
Terbium	159-2				95		%
Thallium	203-1	484.84	488.30	487.22	486.79	0.36	ppb
Thallium	205-1	508.14	506.28	510.62	508.35	0.43	ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	CCV03	Instrumnet Name :	P7
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 16:08:29	DataFile Name :	037CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	503.25	500.65	511.88	505.26	1.16	ppb
Tin	118-1	462.90	464.58	462.59	463.36	0.23	ppb
Titanium	47-1	2387.15	2363.77	2387.18	2379.36	0.57	ppb
Uranium	238-1	502.50	503.46	500.78	502.25	0.27	ppb
Vanadium	51-2	487.60	483.03	481.94	484.19	0.62	ppb
Yttrium	89-1				96		%
Yttrium	89-2				90		%
Zinc	66-2	4654.14	4664.77	4644.40	4654.44	0.22	ppb
Zirconium	90-1	470.68	472.32	480.94	474.65	1.16	ppb
Zirconium	91-1	467.56	467.30	474.33	469.73	0.85	ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	CCB03	Instrumnet Name :	P7
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 16:16:06	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.69	2.15	2.61	2.48	11.69	ppb
Antimony	121-1	0.07	0.06	0.07	0.07	5.31	ppb
Arsenic	75-2	0.04	0.02	0.03	0.03	46.48	ppb
Barium	135-1	0.12	0.11	0.12	0.12	2.61	ppb
Barium	137-1	0.12	0.08	0.11	0.11	19.67	ppb
Beryllium	9-1	0.08	0.04	0.04	0.05	39.82	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	10-1	6.02	5.42	6.55	6.00	9.44	ppb
Boron	11-1	7.23	6.59	6.87	6.90	4.65	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.08	0.10	0.03	0.07	49.17	ppb
Cadmium	106-1	0.59	0.94	-0.05	0.49	102.38	ppb
Cadmium	108-1	0.08	-0.03	0.01	0.02	257.66	ppb
Calcium	43-1	12.63	16.87	19.10	16.20	20.30	ppb
Calcium	44-1	10.71	8.02	9.14	9.29	14.54	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.08	0.01	0.03	0.04	87.66	ppb
Cobalt	59-2	0.02	0.03	0.03	0.03	16.89	ppb
Copper	63-2	-0.02	0.01	0.07	0.02	265.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				96		%
Indium	115-1				93		%
Indium	115-2				92		%
Iron	56-2	5.48	5.42	6.30	5.73	8.56	ppb
Iron	57-2	4.85	2.65	4.89	4.13	31.08	ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	CCB03	Instrumnet Name :	P7
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 16:16:06	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	6.10	5.82	7.15	6.35	11.04	ppb
Krypton	83-1						cps
Lead	206-1	0.40	0.44	0.35	0.40	10.82	ppb
Lead	207-1	0.38	0.41	0.35	0.38	8.00	ppb
Lead	208-1	0.40	0.40	0.37	0.39	3.69	ppb
Lithium	6-1				99		%
Magnesium	24-2	12.01	11.84	12.04	11.96	0.91	ppb
Manganese	55-2	0.25	0.24	0.27	0.25	5.96	ppb
Molybdenum	94-1	0.22	0.22	0.16	0.20	17.64	ppb
Molybdenum	95-1	0.21	0.16	0.17	0.18	15.12	ppb
Molybdenum	96-1	0.18	0.15	0.16	0.16	10.12	ppb
Molybdenum	97-1	0.19	0.12	0.19	0.17	25.62	ppb
Molybdenum	98-1	0.18	0.19	0.18	0.18	0.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.03	-0.02	-0.02		ppb
Phosphorus	31-2	-31.26	-13.80	-23.72	-22.93		ppb
Potassium	39-2	24.92	25.30	20.35	23.52	11.73	ppb
Rhodium	103-1				91		%
Rhodium	103-2				94		%
Scandium	45-1				89		%
Scandium	45-2				91		%
Selenium	82-1	0.15	-0.32	-0.01	-0.06		ppb
Selenium	77-2	-0.10	-0.10	0.23	0.01	2769.68	ppb
Selenium	78-2	-0.01	0.76	-0.08	0.22	210.74	ppb
Silicon	28-1	14.09	11.79	12.95	12.95	8.88	ppb
Silver	107-1	0.04	0.04	0.03	0.04	18.11	ppb
Silver	109-1	0.03	0.03	0.03	0.03	9.29	ppb
Sodium	23-2	58.34	52.13	56.15	55.54	5.67	ppb
Strontium	86-1	-0.06	-0.01	-0.09	-0.05		ppb
Strontium	88-1	0.02	0.03	0.03	0.03	10.61	ppb
Sulfur	34-1	-272.86	-649.93	-413.30	-445.36		ppb
Terbium	159-1				101		%
Terbium	159-2				96		%
Thallium	203-1	0.08	0.07	0.05	0.07	22.41	ppb
Thallium	205-1	0.07	0.06	0.06	0.06	9.72	ppb

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	CCB03	Instrumnet Name :	P7
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 16:16:06	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.03	0.03	0.03	0.03	10.13	ppb
Tin	118-1	0.03	0.02	0.06	0.03	58.93	ppb
Titanium	47-1	0.08	0.11	0.11	0.10	15.83	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	4.80	ppb
Vanadium	51-2	0.03	0.03	0.02	0.03	23.23	ppb
Yttrium	89-1				95		%
Yttrium	89-2				92		%
Zinc	66-2	0.28	0.36	0.40	0.34	17.92	ppb
Zirconium	90-1	0.06	0.03	0.04	0.04	28.82	ppb
Zirconium	91-1	0.03	0.07	0.04	0.05	43.87	ppb

LB Number : LB113413 Operator : JASWAL
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-05 12:37:06 DataFile Name : 002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	267	242	175	228	20.80	cps
Antimony	121-1	50	75	125	83	45.83	cps
Arsenic	75-2	9	9	15	11	28.84	cps
Barium	135-1	25	25	25	25	0.00	cps
Barium	137-1	75	25	58	53	48.24	cps
Beryllium	9-1	50	39	39	43	15.06	cps
Bismuth	209-1	4791964	4802642	4665881	4753496	1.60	cps
Bismuth	209-2	3350985	3351274	3361747	3354668	0.18	cps
Boron	10-1	184	200	150	178	14.30	cps
Boron	11-1	1008	725	1042	925	18.81	cps
Bromine	81-1	6844	6560	6927	6777	2.84	cps
Bromine	81-2	80	40	50	57	36.74	cps
Cadmium	111-1	2762	3042	2591	2798	8.13	cps
Cadmium	106-1	3951	4359	3701	4003	8.30	cps
Cadmium	108-1	17	38	17	24	50.93	cps
Calcium	43-1	133	183	233	183	27.27	cps
Calcium	44-1	13765	13915	13748	13810	0.67	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1187	1177	1253	1206	3.46	cps
Cobalt	59-2	80	47	50	59	31.17	cps
Copper	63-2	2607	2494	2597	2566	2.45	cps
Dysprosium	156-1	25	8	8	14	69.31	cps
Dysprosium	156-2	13	3	7	8	65.47	cps
Erbium	164-1	50	42	8	33	66.15	cps
Erbium	164-2	27	20	20	22	17.33	cps
Gadolinium	160-1	42	75	50	56	31.22	cps
Gadolinium	160-2	87	53	67	69	24.36	cps
Holmium	165-1	7761913	7920765	7495142	7725940	2.78	cps
Holmium	165-2	5005793	4998329	5021311	5008478	0.23	cps
Indium	115-1	5982954	5950555	5819037	5917516	1.47	cps
Indium	115-2	2066004	2065039	2076509	2069184	0.31	cps
Iron	56-2	8608	9170	8658	8812	3.53	cps
Iron	57-2	367	317	344	343	7.31	cps

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 12:37:06	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1532	1422	1442	1465	4.00	cps
Krypton	83-1	1120	1070	1150	1113	3.63	cps
Lead	206-1	644	667	628	646	3.02	cps
Lead	207-1	561	472	756	596	24.30	cps
Lead	208-1	2528	2572	2839	2646	6.36	cps
Lithium	6-1	1644074	1637171	1630838	1637361	0.40	cps
Magnesium	24-2	283	400	358	347	17.03	cps
Manganese	55-2	140	83	73	99	36.36	cps
Molybdenum	94-1	150	242	192	194	23.60	cps
Molybdenum	95-1	50	25	33	36	35.25	cps
Molybdenum	96-1	92	100	133	108	20.35	cps
Molybdenum	97-1	33	33	17	28	34.63	cps
Molybdenum	98-1	67	75	17	53	59.77	cps
Neodymium	150-1	0	7	20	9	114.55	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	150	113	167	143	19.04	cps
Phosphorus	31-2	1408	1575	1308	1431	9.42	cps
Potassium	39-2	97368	96017	95958	96448	0.83	cps
Rhodium	103-1	5916924	5853706	5755918	5842182	1.39	cps
Rhodium	103-2	3626851	3610881	3649214	3628982	0.53	cps
Scandium	45-1	4416585	4390370	4278298	4361751	1.68	cps
Scandium	45-2	382963	385973	388014	385650	0.66	cps
Selenium	82-1	650	639	583	624	5.70	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	185	174	189	183	4.22	cps
Silicon	28-1	588710	593302	598782	593598	0.85	cps
Silver	107-1	67	83	75	75	11.11	cps
Silver	109-1	17	33	17	22	43.28	cps
Sodium	23-2	26632	26115	26257	26335	1.02	cps
Strontium	86-1	1834	1542	1967	1781	12.21	cps
Strontium	88-1	133	100	125	119	14.53	cps
Sulfur	34-1	628091	632593	635486	632057	0.59	cps
Terbium	159-1	7988320	8075794	7877883	7980666	1.24	cps
Terbium	159-2	5136750	5080034	5185431	5134071	1.03	cps
Thallium	203-1	392	500	325	406	21.78	cps
Thallium	205-1	892	825	958	892	7.48	cps

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 12:37:06	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	328	439	361	376	15.17	cps
Tin	118-1	675	558	542	592	12.28	cps
Titanium	47-1	200	125	100	142	36.74	cps
Uranium	238-1	42	33	17	31	41.66	cps
Vanadium	51-2	10	0	3	4	114.60	cps
Yttrium	89-1	10351639	10445751	10033473	10276955	2.10	cps
Yttrium	89-2	2704002	2703017	2708347	2705122	0.10	cps
Zinc	66-2	203	157	227	196	18.23	cps
Zirconium	90-1	617	467	400	494	22.44	cps
Zirconium	91-1	58	142	83	94	45.28	cps

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 12:46:22	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3517	3392	3292	3400	3.32	cps
Antimony	121-1	13832	12598	13899	13443	5.45	cps
Arsenic	75-2	400	444	437	427	5.57	cps
Barium	135-1	16260	15960	15826	16015	1.39	cps
Barium	137-1	27895	27586	26860	27447	1.94	cps
Beryllium	9-1	1539	1461	1556	1519	3.32	cps
Bismuth	209-1	4890711	4824438	4850897	4855349	0.69	cps
Bismuth	209-2	3327694	3360778	3303187	3330553	0.87	cps
Boron	10-1	4274	4457	4566	4433	3.33	cps
Boron	11-1	19646	21975	21958	21193	6.32	cps
Bromine	81-1	6218	6335	6510	6354	2.31	cps
Bromine	81-2	90	120	50	87	40.53	cps
Cadmium	111-1	4771	4875	4776	4807	1.22	cps
Cadmium	106-1	4634	4601	4359	4531	3.31	cps
Cadmium	108-1	200	125	138	154	26.06	cps
Calcium	43-1	10963	12389	11555	11635	6.16	cps
Calcium	44-1	192553	190665	191600	191606	0.49	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8116	8079	8166	8120	0.54	cps
Cobalt	59-2	5011	5144	5124	5093	1.41	cps
Copper	63-2	8976	8893	8859	8909	0.67	cps
Dysprosium	156-1	17	0	0	6	173.21	cps
Dysprosium	156-2	10	3	10	8	49.52	cps
Erbium	164-1	58	58	50	56	8.66	cps
Erbium	164-2	27	40	17	28	42.13	cps
Gadolinium	160-1	125	83	75	94	28.36	cps
Gadolinium	160-2	43	53	43	47	12.37	cps
Holmium	165-1	7846343	7769171	7830767	7815427	0.52	cps
Holmium	165-2	4935663	5052114	4963526	4983768	1.22	cps
Indium	115-1	6035888	5944333	5978285	5986169	0.77	cps
Indium	115-2	2047321	2081482	2043743	2057516	1.01	cps
Iron	56-2	163295	160942	157269	160502	1.89	cps
Iron	57-2	4167	3884	3828	3960	4.59	cps

LB Number : LB113413 Operator : JASWAL
 Lab Sample ID : S2 Instrumnet Name : P7
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-05 12:46:22 DataFile Name : 005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	9883	10294	10004	10060	2.10	cps
Krypton	83-1	1073	1023	1077	1058	2.82	cps
Lead	206-1	5957	5751	5562	5757	3.43	cps
Lead	207-1	5251	4851	4879	4994	4.47	cps
Lead	208-1	23025	22352	22808	22728	1.51	cps
Lithium	6-1	1684598	1665397	1688700	1679565	0.74	cps
Magnesium	24-2	157156	161225	155026	157802	2.00	cps
Manganese	55-2	2274	2327	2554	2385	6.24	cps
Molybdenum	94-1	14291	14099	13815	14068	1.70	cps
Molybdenum	95-1	18153	17469	17928	17850	1.95	cps
Molybdenum	96-1	19072	19364	18888	19108	1.26	cps
Molybdenum	97-1	10896	11055	10829	10927	1.06	cps
Molybdenum	98-1	27569	27193	27477	27413	0.71	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	1450	1623	1393	1489	8.05	cps
Phosphorus	31-2	1225	1233	1292	1250	2.91	cps
Potassium	39-2	268759	275582	275037	273126	1.39	cps
Rhodium	103-1	5926397	5845528	5912698	5894874	0.73	cps
Rhodium	103-2	3565752	3603576	3570545	3579958	0.58	cps
Scandium	45-1	4407688	4340544	4336531	4361588	0.92	cps
Scandium	45-2	374500	389087	385265	382951	1.98	cps
Selenium	82-1	1199	1197	1253	1216	2.63	cps
Selenium	77-2	60	37	43	47	25.75	cps
Selenium	78-2	344	350	335	343	2.18	cps
Silicon	28-1	651085	657608	664052	657582	0.99	cps
Silver	107-1	8595	8319	8019	8311	3.46	cps
Silver	109-1	7410	8144	7644	7733	4.85	cps
Sodium	23-2	297183	295755	292289	295076	0.85	cps
Strontium	86-1	3867	3834	3559	3753	4.51	cps
Strontium	88-1	18971	18871	18662	18835	0.84	cps
Sulfur	34-1	638244	636177	645875	640098	0.80	cps
Terbium	159-1	8277500	8016182	8108899	8134194	1.63	cps
Terbium	159-2	5055138	5112220	5057261	5074873	0.64	cps
Thallium	203-1	6418	6002	6360	6260	3.61	cps
Thallium	205-1	15242	15501	14567	15103	3.19	cps

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 12:46:22	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	244	239	233	239	2.33	cps
Tin	118-1	26459	26350	26826	26545	0.94	cps
Titanium	47-1	5635	5226	5451	5437	3.76	cps
Uranium	238-1	20767	20300	20408	20492	1.19	cps
Vanadium	51-2	14444	15341	14884	14890	3.01	cps
Yttrium	89-1	10503590	10371283	10391824	10422233	0.68	cps
Yttrium	89-2	2688132	2668807	2647288	2668076	0.77	cps
Zinc	66-2	1330	1460	1353	1381	5.02	cps
Zirconium	90-1	11305	11121	11363	11263	1.12	cps
Zirconium	91-1	2542	2859	2934	2778	7.48	cps

LB Number : LB113413 Operator : JASWAL
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-05 12:49:28 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	162228	158709	158759	159899	1.26	cps
Antimony	121-1	349384	355662	348683	351243	1.09	cps
Arsenic	75-2	20804	20676	20692	20724	0.34	cps
Barium	135-1	413042	414224	412413	413226	0.22	cps
Barium	137-1	712762	705430	702784	706992	0.73	cps
Beryllium	9-1	76514	77329	75727	76523	1.05	cps
Bismuth	209-1	4858492	4841290	4830483	4843421	0.29	cps
Bismuth	209-2	3309811	3401556	3111475	3274281	4.53	cps
Boron	10-1	9151	9484	9969	9535	4.31	cps
Boron	11-1	42068	44524	44131	43574	3.03	cps
Bromine	81-1	6293	6627	6668	6529	3.15	cps
Bromine	81-2	40	40	40	40	0.00	cps
Cadmium	111-1	92982	91916	91170	92023	0.99	cps
Cadmium	106-1	15334	14024	14241	14533	4.83	cps
Cadmium	108-1	6910	6793	7227	6977	3.22	cps
Calcium	43-1	116093	116673	116834	116533	0.33	cps
Calcium	44-1	1892182	1907110	1884687	1894660	0.60	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	181953	178900	177999	179617	1.15	cps
Cobalt	59-2	261147	260651	258694	260164	0.50	cps
Copper	63-2	1711410	1703184	1700806	1705133	0.33	cps
Dysprosium	156-1	33	25	58	39	44.61	cps
Dysprosium	156-2	27	10	17	18	47.19	cps
Erbium	164-1	25	58	50	44	39.03	cps
Erbium	164-2	30	30	17	26	30.11	cps
Gadolinium	160-1	100	100	92	97	4.95	cps
Gadolinium	160-2	97	63	97	86	22.50	cps
Holmium	165-1	8010316	7933816	7772580	7905571	1.54	cps
Holmium	165-2	5009065	5046364	4656520	4903983	4.39	cps
Indium	115-1	6144912	5968175	5938685	6017257	1.85	cps
Indium	115-2	2026209	2059311	1883942	1989821	4.68	cps
Iron	56-2	7609167	7638148	7539895	7595737	0.66	cps
Iron	57-2	193010	191880	192121	192337	0.31	cps

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 12:49:28	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	444581	438971	443177	442243	0.66	cps
Krypton	83-1	1183	1060	1057	1100	6.56	cps
Lead	206-1	1284090	1274485	1261855	1273477	0.88	cps
Lead	207-1	1139652	1151451	1139672	1143592	0.60	cps
Lead	208-1	5152027	5210917	5111468	5158138	0.97	cps
Lithium	6-1	1709870	1711700	1696372	1705981	0.49	cps
Magnesium	24-2	1669504	1668771	1657277	1665184	0.41	cps
Manganese	55-2	1202571	1209399	1214733	1208901	0.50	cps
Molybdenum	94-1	742666	747026	729259	739650	1.25	cps
Molybdenum	95-1	929223	940225	917692	929047	1.21	cps
Molybdenum	96-1	1019260	1033769	1013678	1022235	1.01	cps
Molybdenum	97-1	576971	584297	566362	575877	1.57	cps
Molybdenum	98-1	1487474	1489398	1453862	1476912	1.35	cps
Neodymium	150-1	33	40	27	33	20.00	cps
Neodymium	150-2	7	10	10	9	21.63	cps
Nickel	60-2	66627	67648	66413	66896	0.99	cps
Phosphorus	31-2	10554	10287	10295	10379	1.46	cps
Potassium	39-2	1034113	1030401	1035531	1033348	0.26	cps
Rhodium	103-1	6028659	5817466	5827525	5891216	2.02	cps
Rhodium	103-2	3541457	3586430	3286525	3471471	4.66	cps
Scandium	45-1	4408603	4324906	4360831	4364780	0.96	cps
Scandium	45-2	379260	380880	351572	370571	4.45	cps
Selenium	82-1	6470	6479	6384	6444	0.82	cps
Selenium	77-2	573	567	533	558	3.84	cps
Selenium	78-2	2067	2011	2028	2035	1.40	cps
Silicon	28-1	845125	847416	834790	842444	0.80	cps
Silver	107-1	431195	438389	432215	433933	0.90	cps
Silver	109-1	407723	419793	410459	412658	1.53	cps
Sodium	23-2	2844243	2851263	2827089	2840865	0.44	cps
Strontium	86-1	110111	108272	105761	108048	2.02	cps
Strontium	88-1	924385	929004	907246	920212	1.25	cps
Sulfur	34-1	688688	686769	678620	684692	0.78	cps
Terbium	159-1	8262161	8123981	8313613	8233252	1.19	cps
Terbium	159-2	5067251	5155491	4752493	4991745	4.24	cps
Thallium	203-1	309501	315539	307040	310693	1.41	cps
Thallium	205-1	753416	756591	738736	749581	1.27	cps

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 12:49:28	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	1097463	1117166	1073598	1096076	1.99	cps
Tin	118-1	269163	271899	265528	268864	1.19	cps
Titanium	47-1	263200	267823	261944	264322	1.17	cps
Uranium	238-1	1014908	1024095	1022414	1020472	0.48	cps
Vanadium	51-2	151575	151589	150070	151078	0.58	cps
Yttrium	89-1	10589029	10332256	10274449	10398578	1.61	cps
Yttrium	89-2	2647596	2718309	2490280	2618728	4.46	cps
Zinc	66-2	299789	297718	296619	298042	0.54	cps
Zirconium	90-1	583052	592728	578330	584703	1.26	cps
Zirconium	91-1	130875	131313	129925	130705	0.54	cps

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 12:52:35	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	388023	377521	382205	382583	1.38	cps
Antimony	121-1	875294	871381	870801	872492	0.28	cps
Arsenic	75-2	49591	48753	49380	49241	0.88	cps
Barium	135-1	1022824	1012927	1008602	1014785	0.72	cps
Barium	137-1	1762549	1733283	1763578	1753136	0.98	cps
Beryllium	9-1	193043	194038	190308	192463	1.00	cps
Bismuth	209-1	4796669	4880715	4857303	4844896	0.90	cps
Bismuth	209-2	3269721	3276918	3277391	3274676	0.13	cps
Boron	10-1	23813	23873	25021	24236	2.81	cps
Boron	11-1	104477	108008	106691	106392	1.68	cps
Bromine	81-1	6143	6043	6485	6224	3.72	cps
Bromine	81-2	20	50	40	37	41.66	cps
Cadmium	111-1	221741	217027	219338	219369	1.07	cps
Cadmium	106-1	29364	28237	29406	29002	2.29	cps
Cadmium	108-1	17085	16852	17002	16980	0.70	cps
Calcium	43-1	283409	282749	282398	282852	0.18	cps
Calcium	44-1	4567045	4526066	4511678	4534930	0.63	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	428089	425761	425737	426529	0.32	cps
Cobalt	59-2	621382	621281	616662	619775	0.44	cps
Copper	63-2	4052309	4051805	4022226	4042114	0.43	cps
Dysprosium	156-1	67	100	83	83	20.00	cps
Dysprosium	156-2	47	53	57	52	9.75	cps
Erbium	164-1	42	67	25	44	47.19	cps
Erbium	164-2	27	37	27	30	19.24	cps
Gadolinium	160-1	150	92	125	122	23.94	cps
Gadolinium	160-2	113	80	110	101	18.16	cps
Holmium	165-1	7972901	8003640	7966334	7980959	0.25	cps
Holmium	165-2	4902626	4864385	4898409	4888473	0.43	cps
Indium	115-1	5919076	5876061	5903966	5899701	0.37	cps
Indium	115-2	1943436	1959507	1949885	1950943	0.41	cps
Iron	56-2	18149105	18144754	18241141	18178334	0.30	cps
Iron	57-2	463513	458695	459477	460561	0.56	cps

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 12:52:35	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1060489	1052804	1051619	1054970	0.46	cps
Krypton	83-1	1047	1077	1013	1046	3.03	cps
Lead	206-1	3200339	3191875	3228193	3206802	0.59	cps
Lead	207-1	2882927	2850069	2903064	2878687	0.93	cps
Lead	208-1	13580479	13487312	13743247	13603679	0.95	cps
Lithium	6-1	1721824	1725527	1713068	1720140	0.37	cps
Magnesium	24-2	4006792	3957933	3989099	3984608	0.62	cps
Manganese	55-2	2888846	2852658	2878648	2873384	0.65	cps
Molybdenum	94-1	1809589	1788650	1800079	1799439	0.58	cps
Molybdenum	95-1	2288257	2254836	2262733	2268609	0.77	cps
Molybdenum	96-1	2490584	2479650	2465710	2478648	0.50	cps
Molybdenum	97-1	1406819	1388657	1392889	1396121	0.68	cps
Molybdenum	98-1	3659576	3585918	3610489	3618661	1.04	cps
Neodymium	150-1	80	67	93	80	16.67	cps
Neodymium	150-2	10	17	13	13	25.01	cps
Nickel	60-2	159206	157950	156807	157988	0.76	cps
Phosphorus	31-2	22910	23093	23577	23194	1.49	cps
Potassium	39-2	2328805	2317797	2326303	2324302	0.25	cps
Rhodium	103-1	5720900	5693807	5712614	5709107	0.24	cps
Rhodium	103-2	3403575	3424638	3416283	3414832	0.31	cps
Scandium	45-1	4259185	4262761	4223212	4248386	0.51	cps
Scandium	45-2	361030	362420	362971	362140	0.28	cps
Selenium	82-1	14634	14556	14761	14650	0.70	cps
Selenium	77-2	1337	1240	1283	1287	3.76	cps
Selenium	78-2	4599	4466	4443	4503	1.87	cps
Silicon	28-1	1188879	1177500	1184394	1183591	0.48	cps
Silver	107-1	1063762	1046720	1055921	1055467	0.81	cps
Silver	109-1	1015240	999205	1007129	1007191	0.80	cps
Sodium	23-2	6345863	6280351	6319041	6315085	0.52	cps
Strontium	86-1	258087	260353	259641	259360	0.45	cps
Strontium	88-1	2265269	2242812	2244347	2250809	0.56	cps
Sulfur	34-1	732584	729852	728210	730215	0.30	cps
Terbium	159-1	8177273	8241849	8271594	8230239	0.59	cps
Terbium	159-2	4968260	4974389	4982924	4975191	0.15	cps
Thallium	203-1	778325	778604	784210	780380	0.43	cps
Thallium	205-1	1874907	1863433	1889460	1875933	0.70	cps

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 12:52:35	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	2800508	2772535	2766636	2779893	0.65	cps
Tin	118-1	666567	665586	660743	664299	0.47	cps
Titanium	47-1	646663	631693	639525	639294	1.17	cps
Uranium	238-1	2590870	2576844	2592030	2586581	0.33	cps
Vanadium	51-2	363902	362273	358686	361620	0.74	cps
Yttrium	89-1	10372180	10141605	10264261	10259349	1.12	cps
Yttrium	89-2	2553073	2546514	2562439	2554009	0.31	cps
Zinc	66-2	715433	711677	711423	712844	0.32	cps
Zirconium	90-1	1454541	1434045	1438705	1442431	0.74	cps
Zirconium	91-1	325185	318720	321463	321789	1.01	cps

LB Number : LB113413 Operator : JASWAL
 Lab Sample ID : S5 Instrumnet Name : P7
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-05 12:55:42 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	746157	737721	714342	732740	2.25	cps
Antimony	121-1	1730541	1740936	1733451	1734976	0.31	cps
Arsenic	75-2	95149	96042	92152	94447	2.16	cps
Barium	135-1	2024332	2036968	2005325	2022208	0.79	cps
Barium	137-1	3516566	3468565	3446716	3477282	1.03	cps
Beryllium	9-1	382258	388411	383408	384692	0.85	cps
Bismuth	209-1	4659506	4918068	5090566	4889380	4.44	cps
Bismuth	209-2	3034389	3249834	3251767	3178663	3.93	cps
Boron	10-1	45096	48442	49445	47661	4.78	cps
Boron	11-1	203367	215279	215920	211522	3.34	cps
Bromine	81-1	5660	5951	5401	5671	4.85	cps
Bromine	81-2	40	40	80	53	43.30	cps
Cadmium	111-1	433163	429081	431664	431303	0.48	cps
Cadmium	106-1	52748	51678	53049	52492	1.37	cps
Cadmium	108-1	34036	34529	33790	34119	1.10	cps
Calcium	43-1	549116	542850	531547	541171	1.65	cps
Calcium	44-1	8169551	8093296	8034815	8099220	0.83	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	819260	822475	790753	810829	2.15	cps
Cobalt	59-2	1195904	1188146	1153922	1179324	1.89	cps
Copper	63-2	7994271	7984459	7729486	7902738	1.90	cps
Dysprosium	156-1	158	158	150	156	3.10	cps
Dysprosium	156-2	87	90	97	91	5.59	cps
Erbium	164-1	75	33	58	56	37.75	cps
Erbium	164-2	33	33	57	41	32.78	cps
Gadolinium	160-1	192	200	167	186	9.32	cps
Gadolinium	160-2	137	107	123	122	12.30	cps
Holmium	165-1	7626723	8032342	8359591	8006218	4.59	cps
Holmium	165-2	4501881	4853749	4829826	4728486	4.16	cps
Indium	115-1	5554459	5822474	5933825	5770252	3.38	cps
Indium	115-2	1759341	1877231	1868248	1834940	3.58	cps
Iron	56-2	35687639	35302912	34144466	35045006	2.29	cps
Iron	57-2	892470	891498	861175	881714	2.02	cps

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 12:55:42	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	2041722	2034640	1952048	2009470	2.48	cps
Krypton	83-1	900	1043	1087	1010	9.67	cps
Lead	206-1	6471617	6556614	6527437	6518556	0.66	cps
Lead	207-1	5820932	5848218	5868862	5846004	0.41	cps
Lead	208-1	27377256	27665576	27832637	27625156	0.83	cps
Lithium	6-1	1692425	1752688	1779504	1741539	2.56	cps
Magnesium	24-2	7367285	7438425	7175572	7327094	1.86	cps
Manganese	55-2	5563342	5494620	5392860	5483607	1.56	cps
Molybdenum	94-1	3582454	3524012	3519223	3541896	0.99	cps
Molybdenum	95-1	4485740	4413300	4422087	4440376	0.89	cps
Molybdenum	96-1	4917010	4927555	4857990	4900852	0.77	cps
Molybdenum	97-1	2767372	2757903	2760548	2761941	0.18	cps
Molybdenum	98-1	6935869	6894631	6941130	6923877	0.37	cps
Neodymium	150-1	247	153	133	178	34.02	cps
Neodymium	150-2	33	20	37	30	29.40	cps
Nickel	60-2	305277	302681	293844	300601	1.99	cps
Phosphorus	31-2	43840	43305	42795	43313	1.21	cps
Potassium	39-2	4353695	4358462	4215519	4309225	1.88	cps
Rhodium	103-1	5377037	5573814	5711865	5554238	3.03	cps
Rhodium	103-2	3098761	3288249	3279207	3222072	3.32	cps
Scandium	45-1	4014798	4161193	4218830	4131607	2.55	cps
Scandium	45-2	322789	340794	337890	333825	2.90	cps
Selenium	82-1	28251	27659	27936	27949	1.06	cps
Selenium	77-2	2627	2657	2274	2519	8.46	cps
Selenium	78-2	8679	8621	8330	8543	2.19	cps
Silicon	28-1	1743371	1724979	1698397	1722249	1.31	cps
Silver	107-1	2092078	2074134	2064790	2077001	0.67	cps
Silver	109-1	1994832	1976017	1969402	1980084	0.67	cps
Sodium	23-2	12278247	12441101	11996213	12238520	1.84	cps
Strontium	86-1	511700	507531	509647	509626	0.41	cps
Strontium	88-1	4490488	4417495	4396143	4434709	1.12	cps
Sulfur	34-1	783830	783669	776153	781217	0.56	cps
Terbium	159-1	7939815	8266024	8397616	8201152	2.87	cps
Terbium	159-2	4577178	4946953	4898247	4807459	4.18	cps
Thallium	203-1	1573060	1594224	1579678	1582321	0.68	cps
Thallium	205-1	3776809	3832867	3829033	3812903	0.82	cps

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 12:55:42	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	5670844	5834603	5753928	5753125	1.42	cps
Tin	118-1	1306499	1305526	1303674	1305233	0.11	cps
Titanium	47-1	1258333	1252718	1241404	1250818	0.69	cps
Uranium	238-1	5257106	5379773	5332885	5323254	1.16	cps
Vanadium	51-2	700404	704573	682847	695941	1.66	cps
Yttrium	89-1	9792693	10169073	10255311	10072359	2.44	cps
Yttrium	89-2	2304050	2462724	2453889	2406888	3.70	cps
Zinc	66-2	1383367	1384163	1335052	1367527	2.06	cps
Zirconium	90-1	2872682	2858074	2814989	2848582	1.05	cps
Zirconium	91-1	641612	631204	624629	632482	1.35	cps

LB Number : LB113413 Operator : JASWAL
 Lab Sample ID : S6 Instrumnet Name : P7
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-05 12:58:45 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1422455	1401145	1355628	1393076	2.45	cps
Antimony	121-1	3369776	3439776	3351199	3386917	1.38	cps
Arsenic	75-2	183710	180694	177870	180758	1.62	cps
Barium	135-1	3944136	3997229	3912543	3951303	1.08	cps
Barium	137-1	7020732	7151205	6926280	7032739	1.61	cps
Beryllium	9-1	742019	742054	732776	738950	0.72	cps
Bismuth	209-1	4914375	4977077	4957488	4949647	0.65	cps
Bismuth	209-2	3254448	3218935	3167925	3213769	1.35	cps
Boron	10-1	89467	95885	94419	93257	3.61	cps
Boron	11-1	390133	417341	412612	406695	3.57	cps
Bromine	81-1	5351	5209	5193	5251	1.66	cps
Bromine	81-2	40	20	90	50	72.11	cps
Cadmium	111-1	836202	844049	834801	838351	0.59	cps
Cadmium	106-1	97341	98616	96175	97377	1.25	cps
Cadmium	108-1	65307	63750	63608	64222	1.47	cps
Calcium	43-1	1038236	1040130	1028796	1035721	0.59	cps
Calcium	44-1	15565566	15581210	15222805	15456527	1.31	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1558302	1530415	1514099	1534272	1.46	cps
Cobalt	59-2	2252101	2237265	2190109	2226492	1.45	cps
Copper	63-2	14923377	14829026	14574113	14775505	1.22	cps
Dysprosium	156-1	333	208	392	311	30.11	cps
Dysprosium	156-2	203	190	180	191	6.13	cps
Erbium	164-1	117	100	92	103	12.39	cps
Erbium	164-2	63	43	57	54	18.71	cps
Gadolinium	160-1	250	392	250	297	27.52	cps
Gadolinium	160-2	247	280	190	239	19.05	cps
Holmium	165-1	8008016	8098826	7984804	8030549	0.75	cps
Holmium	165-2	4868463	4787104	4736414	4797327	1.39	cps
Indium	115-1	5653764	5640025	5598002	5630597	0.52	cps
Indium	115-2	1845561	1814810	1783549	1814640	1.71	cps
Iron	56-2	68474490	67287792	65627786	67130023	2.13	cps
Iron	57-2	1714127	1697040	1654035	1688400	1.83	cps

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 12:58:45	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	3926274	3875237	3796743	3866085	1.69	cps
Krypton	83-1	1007	1010	947	988	3.61	cps
Lead	206-1	14261722	14364163	14061842	14229242	1.08	cps
Lead	207-1	12826382	12959136	12913472	12899663	0.52	cps
Lead	208-1	57554648	58441833	57821046	57939176	0.79	cps
Lithium	6-1	1736187	1748189	1743019	1742465	0.35	cps
Magnesium	24-2	14126201	13991173	13722451	13946609	1.47	cps
Manganese	55-2	10524499	10362347	10239103	10375316	1.38	cps
Molybdenum	94-1	6791741	6879390	6743344	6804825	1.01	cps
Molybdenum	95-1	8592758	8489690	8423674	8502041	1.00	cps
Molybdenum	96-1	9451558	9312230	9300479	9354756	0.90	cps
Molybdenum	97-1	5365357	5299381	5246808	5303849	1.12	cps
Molybdenum	98-1	13621215	13328170	13278158	13409181	1.38	cps
Neodymium	150-1	420	380	273	358	21.19	cps
Neodymium	150-2	73	120	67	87	33.53	cps
Nickel	60-2	573768	566722	558645	566378	1.34	cps
Phosphorus	31-2	80986	79838	79243	80022	1.11	cps
Potassium	39-2	7698073	7571275	7479424	7582924	1.45	cps
Rhodium	103-1	5311510	5297819	5242989	5284106	0.69	cps
Rhodium	103-2	3220830	3186137	3125660	3177542	1.52	cps
Scandium	45-1	3950551	3923380	3869726	3914552	1.05	cps
Scandium	45-2	333319	327990	325032	328780	1.28	cps
Selenium	82-1	52617	53638	52158	52804	1.43	cps
Selenium	77-2	4864	4848	4524	4745	4.04	cps
Selenium	78-2	16066	15796	15581	15814	1.54	cps
Silicon	28-1	2724755	2692883	2655613	2691084	1.29	cps
Silver	107-1	4098932	4095192	4068441	4087522	0.41	cps
Silver	109-1	3914530	3934573	3909275	3919459	0.34	cps
Sodium	23-2	23628007	23318159	22896130	23280765	1.58	cps
Strontium	86-1	977018	976148	971560	974909	0.30	cps
Strontium	88-1	8555340	8602355	8523032	8560242	0.47	cps
Sulfur	34-1	887699	881190	861925	876938	1.53	cps
Terbium	159-1	8256540	8287937	8220917	8255131	0.41	cps
Terbium	159-2	4925642	4849124	4761075	4845280	1.70	cps
Thallium	203-1	3175917	3194375	3201370	3190554	0.41	cps
Thallium	205-1	8175444	8264825	8153540	8197936	0.72	cps

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 12:58:45	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	12960896	12788327	12931978	12893734	0.72	cps
Tin	118-1	2561453	2590591	2557012	2569685	0.71	cps
Titanium	47-1	2330789	2342738	2294956	2322828	1.07	cps
Uranium	238-1	11711741	11852644	11770925	11778437	0.60	cps
Vanadium	51-2	1344566	1321838	1296781	1321062	1.81	cps
Yttrium	89-1	9689289	9875882	9672188	9745786	1.16	cps
Yttrium	89-2	2413436	2391103	2336614	2380384	1.66	cps
Zinc	66-2	2640322	2606116	2565293	2603910	1.44	cps
Zirconium	90-1	5505566	5518245	5447973	5490594	0.68	cps
Zirconium	91-1	1232513	1233869	1215650	1227344	0.83	cps

LB Number : LB113413 Operator : JASWAL
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-05 13:01:41 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2786126	2827871	2716929	2776975	2.02	cps
Antimony	121-1	6737226	6752326	6817393	6768982	0.63	cps
Arsenic	75-2	365126	368247	357779	363717	1.48	cps
Barium	135-1	8085241	8036213	8091326	8070927	0.37	cps
Barium	137-1	13718033	13857447	13878115	13817865	0.63	cps
Beryllium	9-1	1433316	1419045	1434315	1428892	0.60	cps
Bismuth	209-1	4814732	4831425	4854249	4833469	0.41	cps
Bismuth	209-2	3211748	3213314	3234020	3219694	0.39	cps
Boron	10-1	174659	178616	185745	179673	3.13	cps
Boron	11-1	760440	796406	816160	791002	3.57	cps
Bromine	81-1	5551	5901	5643	5698	3.19	cps
Bromine	81-2	80	40	130	83	54.11	cps
Cadmium	111-1	1613638	1623190	1650875	1629234	1.19	cps
Cadmium	106-1	186409	186079	186064	186184	0.10	cps
Cadmium	108-1	124808	127750	124467	125675	1.44	cps
Calcium	43-1	2014883	2021065	2022135	2019361	0.19	cps
Calcium	44-1	30285983	30052217	30236455	30191552	0.41	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3113227	3124766	3022267	3086753	1.82	cps
Cobalt	59-2	4493880	4484353	4382650	4453628	1.38	cps
Copper	63-2	29661030	29592798	28821246	29358358	1.59	cps
Dysprosium	156-1	600	725	642	656	9.71	cps
Dysprosium	156-2	377	383	340	367	6.36	cps
Erbium	164-1	158	183	175	172	7.39	cps
Erbium	164-2	120	97	120	112	12.00	cps
Gadolinium	160-1	525	625	517	556	10.85	cps
Gadolinium	160-2	450	487	423	453	7.01	cps
Holmium	165-1	7918846	7978300	8053689	7983611	0.85	cps
Holmium	165-2	4861581	4872815	4893879	4876092	0.34	cps
Indium	115-1	5402393	5429050	5491357	5440933	0.84	cps
Indium	115-2	1808632	1805409	1831333	1815125	0.78	cps
Iron	56-2	135254153	135189459	132494609	134312740	1.17	cps
Iron	57-2	3371987	3368265	3286057	3342103	1.45	cps

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 13:01:41	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	7458450	7525029	7359719	7447733	1.12	cps
Krypton	83-1	1007	920	970	966	4.51	cps
Lead	206-1	27990501	27822735	27954040	27922425	0.32	cps
Lead	207-1	25750348	25092214	25338114	25393559	1.31	cps
Lead	208-1	115007822	113380546	113432747	113940372	0.81	cps
Lithium	6-1	1705022	1670263	1705055	1693447	1.19	cps
Magnesium	24-2	27789187	28044954	27248910	27694350	1.47	cps
Manganese	55-2	21245850	21157028	20578018	20993632	1.73	cps
Molybdenum	94-1	13328907	13413583	13590330	13444273	0.99	cps
Molybdenum	95-1	16695972	16663640	16911285	16756966	0.80	cps
Molybdenum	96-1	18236669	18458495	18626092	18440419	1.06	cps
Molybdenum	97-1	10290079	10353957	10376230	10340089	0.43	cps
Molybdenum	98-1	26347594	26459191	26761931	26522905	0.81	cps
Neodymium	150-1	860	807	847	838	3.31	cps
Neodymium	150-2	227	220	250	232	6.79	cps
Nickel	60-2	1128301	1127972	1103802	1120025	1.25	cps
Phosphorus	31-2	159930	161910	156799	159546	1.62	cps
Potassium	39-2	15248771	15397979	14853439	15166730	1.86	cps
Rhodium	103-1	5099390	5112294	5132726	5114804	0.33	cps
Rhodium	103-2	3204285	3188745	3198810	3197280	0.25	cps
Scandium	45-1	3787341	3808961	3809903	3802068	0.34	cps
Scandium	45-2	334884	334083	338099	335688	0.63	cps
Selenium	82-1	103098	103985	102823	103302	0.59	cps
Selenium	77-2	9933	9460	8986	9460	5.01	cps
Selenium	78-2	31968	32293	30935	31732	2.24	cps
Silicon	28-1	4656504	4638383	4644985	4646624	0.20	cps
Silver	107-1	7877224	7853151	7788185	7839520	0.59	cps
Silver	109-1	7404482	7469300	7496377	7456720	0.63	cps
Sodium	23-2	46658744	47128189	45498321	46428418	1.81	cps
Strontium	86-1	1915934	1917513	1921734	1918394	0.16	cps
Strontium	88-1	16635918	16758634	16820686	16738413	0.56	cps
Sulfur	34-1	1149116	1145095	1149419	1147877	0.21	cps
Terbium	159-1	8123124	8182576	8166974	8157558	0.38	cps
Terbium	159-2	4958384	4960869	4976185	4965146	0.19	cps
Thallium	203-1	6262823	6281384	6372423	6305543	0.93	cps
Thallium	205-1	15988552	15902308	16119497	16003453	0.68	cps

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 13:01:41	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	25357248	25425893	25935387	25572842	1.24	cps
Tin	118-1	5014703	5019925	5068176	5034268	0.59	cps
Titanium	47-1	4603673	4572202	4611018	4595631	0.45	cps
Uranium	238-1	22998811	23538448	23604678	23380646	1.42	cps
Vanadium	51-2	2679472	2703191	2636401	2673021	1.27	cps
Yttrium	89-1	9525829	9487943	9590499	9534757	0.54	cps
Yttrium	89-2	2437005	2420906	2445790	2434567	0.52	cps
Zinc	66-2	5203667	5239530	5083150	5175449	1.58	cps
Zirconium	90-1	10625998	10660929	10640749	10642559	0.16	cps
Zirconium	91-1	2400275	2423899	2411054	2411743	0.49	cps

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 13:04:34	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13814915	13823566	13735586	13791356	0.35	cps
Antimony	121-1	4809	4584	4392	4595	4.54	cps
Arsenic	75-2	172	161	139	157	10.78	cps
Barium	135-1	3067	3075	3184	3109	2.09	cps
Barium	137-1	5910	5576	5493	5660	3.90	cps
Beryllium	9-1	328	311	328	322	2.99	cps
Bismuth	209-1	4305660	4322347	4357994	4328667	0.62	cps
Bismuth	209-2	3053589	2614750	3099679	2922673	9.16	cps
Boron	10-1	5254	4929	4721	4968	5.41	cps
Boron	11-1	28126	25455	22008	25197	12.17	cps
Bromine	81-1	6093	6026	5826	5982	2.32	cps
Bromine	81-2	60	120	60	80	43.30	cps
Cadmium	111-1	3541	3510	3656	3569	2.15	cps
Cadmium	106-1	4026	4117	4276	4140	3.06	cps
Cadmium	108-1	92	79	125	99	24.02	cps
Calcium	43-1	9535257	9429323	9634101	9532894	1.07	cps
Calcium	44-1	150975778	151686474	154772603	152478285	1.32	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	21119	20928	20811	20953	0.74	cps
Cobalt	59-2	6848	7012	6908	6923	1.19	cps
Copper	63-2	20207	19350	19430	19662	2.41	cps
Dysprosium	156-1	1892	1608	1767	1756	8.09	cps
Dysprosium	156-2	1230	1200	1120	1183	4.81	cps
Erbium	164-1	300	308	233	281	14.65	cps
Erbium	164-2	217	173	160	183	16.16	cps
Gadolinium	160-1	1917	2125	2125	2056	5.85	cps
Gadolinium	160-2	1433	1310	1223	1322	7.98	cps
Holmium	165-1	7663027	7644792	7619737	7642519	0.28	cps
Holmium	165-2	4915199	4196130	5013729	4708353	9.48	cps
Indium	115-1	5246008	5247851	5315310	5269723	0.75	cps
Indium	115-2	1891641	1619581	1926075	1812432	9.26	cps
Iron	56-2	682741237	675159215	676957393	678285948	0.58	cps
Iron	57-2	16956539	16806235	16803571	16855448	0.52	cps

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 13:04:34	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	37082913	36701659	36765006	36849859	0.55	cps
Krypton	83-1	1013	923	1017	984	5.38	cps
Lead	206-1	52185	51538	52313	52012	0.80	cps
Lead	207-1	46916	46509	46269	46565	0.70	cps
Lead	208-1	209604	208142	208123	208623	0.41	cps
Lithium	6-1	1597993	1602004	1641007	1613668	1.47	cps
Magnesium	24-2	141236007	140032591	138659278	139975959	0.92	cps
Manganese	55-2	13626	14007	14144	13926	1.92	cps
Molybdenum	94-1	5910	5668	5593	5724	2.89	cps
Molybdenum	95-1	7461	7294	7010	7255	3.14	cps
Molybdenum	96-1	9453	9145	8711	9103	4.10	cps
Molybdenum	97-1	4334	4526	4217	4359	3.57	cps
Molybdenum	98-1	11396	10996	10504	10966	4.08	cps
Neodymium	150-1	40	67	73	60	29.40	cps
Neodymium	150-2	10	20	23	18	39.03	cps
Nickel	60-2	5601	5558	5071	5410	5.44	cps
Phosphorus	31-2	1325	1367	1233	1308	5.21	cps
Potassium	39-2	75986979	75797706	75409962	75731549	0.39	cps
Rhodium	103-1	4832675	4866894	4931422	4876997	1.03	cps
Rhodium	103-2	3148576	2720646	3207931	3025717	8.79	cps
Scandium	45-1	3818316	3805393	3911733	3845147	1.51	cps
Scandium	45-2	352025	303995	356994	337671	8.67	cps
Selenium	82-1	666	626	593	628	5.82	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	130	156	185	157	17.73	cps
Silicon	28-1	668965	654177	656845	659996	1.19	cps
Silver	107-1	3125	2750	3125	3000	7.22	cps
Silver	109-1	2909	2692	3034	2878	6.01	cps
Sodium	23-2	236355080	232696997	229333180	232795086	1.51	cps
Strontium	86-1	12698	12898	12898	12831	0.90	cps
Strontium	88-1	97211	98352	100726	98763	1.82	cps
Sulfur	34-1	544043	545196	544146	544461	0.12	cps
Terbium	159-1	7766824	7819961	7873976	7820253	0.69	cps
Terbium	159-2	4961036	4277457	5042419	4760304	8.83	cps
Thallium	203-1	3092	2442	2100	2545	19.80	cps
Thallium	205-1	6593	6035	5635	6088	7.91	cps

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 13:04:34	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	4990	4757	4023	4590	10.99	cps
Tin	118-1	3167	3367	3167	3234	3.57	cps
Titanium	47-1	1092	1150	1217	1153	5.43	cps
Uranium	238-1	4201	4242	3801	4081	5.98	cps
Vanadium	51-2	440	490	430	453	7.09	cps
Yttrium	89-1	9417258	9422067	9509527	9449617	0.55	cps
Yttrium	89-2	2579999	2220253	2608893	2469715	8.77	cps
Zinc	66-2	7662	7369	7545	7525	1.96	cps
Zirconium	90-1	4492	4234	4226	4317	3.51	cps
Zirconium	91-1	925	892	1008	942	6.38	cps

LB Number : LB113413 Operator : JASWAL
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-05 13:24:24 DataFile Name : 012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	73371	73932	72694	73332	0.85	cps
Antimony	121-1	1298880	1331273	1317707	1315953	1.24	cps
Arsenic	75-2	76840	76066	74964	75956	1.24	cps
Barium	135-1	152915	157313	157750	155992	1.71	cps
Barium	137-1	269775	269170	271764	270236	0.50	cps
Beryllium	9-1	140498	142219	143655	142124	1.11	cps
Bismuth	209-1	4756389	4894587	4892781	4847919	1.64	cps
Bismuth	209-2	3314380	3341419	3353556	3336451	0.60	cps
Boron	10-1	92461	93090	93415	92989	0.52	cps
Boron	11-1	440789	440419	445492	442233	0.64	cps
Bromine	81-1	6527	5943	6026	6165	5.12	cps
Bromine	81-2	90	100	50	80	33.07	cps
Cadmium	111-1	179955	181820	179789	180521	0.62	cps
Cadmium	106-1	37684	39364	37417	38155	2.77	cps
Cadmium	108-1	20473	21057	20920	20817	1.47	cps
Calcium	43-1	46925	45387	45554	45955	1.84	cps
Calcium	44-1	705601	711848	703994	707148	0.59	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	323125	323052	318279	321485	0.86	cps
Cobalt	59-2	478511	475418	473448	475792	0.54	cps
Copper	63-2	322406	321595	317043	320348	0.90	cps
Dysprosium	156-1	17	17	0	11	86.60	cps
Dysprosium	156-2	10	7	17	11	45.82	cps
Erbium	164-1	50	33	25	36	35.25	cps
Erbium	164-2	20	23	27	23	14.29	cps
Gadolinium	160-1	58	158	58	92	62.99	cps
Gadolinium	160-2	83	53	60	66	24.03	cps
Holmium	165-1	7747745	8012006	7938541	7899431	1.73	cps
Holmium	165-2	4933841	4937026	4903443	4924770	0.38	cps
Indium	115-1	5641132	5764272	5757100	5720835	1.21	cps
Indium	115-2	1941247	1945949	1936203	1941133	0.25	cps
Iron	56-2	5479998	5457265	5529817	5489026	0.68	cps
Iron	57-2	137687	139302	135971	137654	1.21	cps

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 13:24:24	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	322138	320639	314546	319108	1.26	cps
Krypton	83-1	1027	1027	953	1002	4.22	cps
Lead	206-1	1082085	1101801	1105531	1096472	1.15	cps
Lead	207-1	914882	938437	939082	930800	1.48	cps
Lead	208-1	4286404	4369927	4371798	4342710	1.12	cps
Lithium	6-1	1651015	1680285	1673090	1668130	0.91	cps
Magnesium	24-2	342163	342484	341522	342056	0.14	cps
Manganese	55-2	221014	222540	219549	221034	0.68	cps
Molybdenum	94-1	6893256	6947160	6899281	6913232	0.43	cps
Molybdenum	95-1	8663193	8702425	8761159	8708926	0.57	cps
Molybdenum	96-1	9451703	9589609	9590724	9544012	0.84	cps
Molybdenum	97-1	5361066	5435565	5374426	5390352	0.74	cps
Molybdenum	98-1	13544628	13837382	13707222	13696411	1.07	cps
Neodymium	150-1	13	40	27	27	50.01	cps
Neodymium	150-2	0	7	3	3	100.05	cps
Nickel	60-2	122916	121840	122045	122267	0.47	cps
Phosphorus	31-2	1200	1175	1308	1228	5.77	cps
Potassium	39-2	734279	736498	728463	733080	0.57	cps
Rhodium	103-1	5486069	5611712	5607481	5568421	1.28	cps
Rhodium	103-2	3456515	3442033	3443059	3447202	0.23	cps
Scandium	45-1	4065669	4155833	4094180	4105227	1.12	cps
Scandium	45-2	355309	357094	348480	353627	1.29	cps
Selenium	82-1	21829	21853	21885	21856	0.13	cps
Selenium	77-2	2167	1940	1997	2035	5.80	cps
Selenium	78-2	6909	6952	6685	6849	2.09	cps
Silicon	28-1	2883914	2910299	2932838	2909017	0.84	cps
Silver	107-1	391571	395751	394007	393776	0.53	cps
Silver	109-1	368975	370838	377732	372515	1.24	cps
Sodium	23-2	1040658	1042757	1037474	1040296	0.26	cps
Strontium	86-1	1029515	1037607	1029239	1032120	0.46	cps
Strontium	88-1	8958290	9114329	8955911	9009510	1.01	cps
Sulfur	34-1	542789	537332	533581	537901	0.86	cps
Terbium	159-1	8065147	8140668	8299308	8168374	1.46	cps
Terbium	159-2	5008213	5013485	5026931	5016210	0.19	cps
Thallium	203-1	1249349	1289522	1270607	1269826	1.58	cps
Thallium	205-1	2997768	3067645	3054130	3039848	1.22	cps

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 13:24:24	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	395243	405963	404710	401972	1.46	cps
Tin	118-1	2514704	2552021	2532497	2533074	0.74	cps
Titanium	47-1	2434880	2457502	2417517	2436633	0.82	cps
Uranium	238-1	11107905	11435302	11377415	11306874	1.55	cps
Vanadium	51-2	269966	268857	266413	268412	0.68	cps
Yttrium	89-1	10033131	10253974	10029822	10105642	1.27	cps
Yttrium	89-2	2576914	2559781	2561709	2566135	0.37	cps
Zinc	66-2	107884	108533	106118	107512	1.16	cps
Zirconium	90-1	5526111	5635648	5453573	5538444	1.66	cps
Zirconium	91-1	1230324	1236981	1224278	1230528	0.52	cps

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 13:42:28	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3467	3025	3250	3248	6.80	cps
Antimony	121-1	13298	13749	12898	13315	3.20	cps
Arsenic	75-2	420	400	394	405	3.37	cps
Barium	135-1	15718	15709	15375	15601	1.25	cps
Barium	137-1	27286	26576	26467	26776	1.66	cps
Beryllium	9-1	1628	1433	1400	1487	8.27	cps
Bismuth	209-1	4945066	4974328	4755558	4891651	2.43	cps
Bismuth	209-2	3345273	3373084	3352680	3357012	0.43	cps
Boron	10-1	4292	4098	4623	4338	6.12	cps
Boron	11-1	21065	22442	22133	21880	3.30	cps
Bromine	81-1	6402	6377	6452	6410	0.60	cps
Bromine	81-2	40	90	50	60	44.10	cps
Cadmium	111-1	4493	4432	4376	4433	1.32	cps
Cadmium	106-1	4251	4301	4092	4215	2.58	cps
Cadmium	108-1	154	196	133	161	19.75	cps
Calcium	43-1	10721	10296	10087	10368	3.12	cps
Calcium	44-1	182468	183053	178692	181404	1.31	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7909	7689	7869	7822	1.50	cps
Cobalt	59-2	5044	4828	4884	4919	2.29	cps
Copper	63-2	9033	8763	8749	8848	1.81	cps
Dysprosium	156-1	8	25	17	17	50.01	cps
Dysprosium	156-2	7	10	3	7	50.03	cps
Erbium	164-1	42	75	17	44	65.84	cps
Erbium	164-2	7	13	40	20	88.19	cps
Gadolinium	160-1	83	50	42	58	37.80	cps
Gadolinium	160-2	73	70	63	69	7.39	cps
Holmium	165-1	8144999	8112255	7771133	8009463	2.59	cps
Holmium	165-2	4935374	4991779	4960202	4962451	0.57	cps
Indium	115-1	5934125	5947686	5770260	5884024	1.68	cps
Indium	115-2	2015136	2000686	2000693	2005505	0.42	cps
Iron	56-2	156034	155816	153884	155244	0.76	cps
Iron	57-2	4145	3873	3823	3947	4.39	cps

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 13:42:28	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	10234	9623	9964	9940	3.08	cps
Krypton	83-1	913	1067	947	976	8.27	cps
Lead	206-1	6285	6346	6163	6265	1.49	cps
Lead	207-1	5112	5179	5318	5203	2.02	cps
Lead	208-1	24748	24431	23825	24335	1.93	cps
Lithium	6-1	1655330	1631210	1608923	1631821	1.42	cps
Magnesium	24-2	151096	147914	152341	150450	1.52	cps
Manganese	55-2	2374	2520	2360	2418	3.67	cps
Molybdenum	94-1	14007	13782	13857	13882	0.83	cps
Molybdenum	95-1	17144	17937	17136	17405	2.64	cps
Molybdenum	96-1	18821	19038	18362	18740	1.84	cps
Molybdenum	97-1	11096	10604	10454	10718	3.13	cps
Molybdenum	98-1	28212	26701	25699	26870	4.71	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	1323	1350	1367	1347	1.62	cps
Phosphorus	31-2	1325	1258	1342	1308	3.37	cps
Potassium	39-2	263252	261222	255455	259976	1.56	cps
Rhodium	103-1	5790710	5783121	5625368	5733066	1.63	cps
Rhodium	103-2	3525911	3495531	3521662	3514368	0.47	cps
Scandium	45-1	4238301	4255770	4125398	4206490	1.68	cps
Scandium	45-2	368801	371524	360586	366970	1.55	cps
Selenium	82-1	1250	1160	1220	1210	3.78	cps
Selenium	77-2	60	50	57	56	9.17	cps
Selenium	78-2	359	370	391	373	4.27	cps
Silicon	28-1	628185	632589	651804	637526	1.97	cps
Silver	107-1	7994	7719	8002	7905	2.04	cps
Silver	109-1	7652	7769	7194	7538	4.03	cps
Sodium	23-2	291839	289383	293010	291411	0.64	cps
Strontium	86-1	3300	3626	3617	3514	5.27	cps
Strontium	88-1	18571	18045	17236	17951	3.75	cps
Sulfur	34-1	570402	576474	575396	574091	0.56	cps
Terbium	159-1	8451242	8292379	8192045	8311889	1.57	cps
Terbium	159-2	5054250	5090788	5013409	5052816	0.77	cps
Thallium	203-1	6068	6368	6302	6246	2.52	cps
Thallium	205-1	14875	15359	15209	15148	1.64	cps

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 13:42:28	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	261	311	372	315	17.68	cps
Tin	118-1	27168	27394	24822	26462	5.38	cps
Titanium	47-1	5093	5209	4818	5040	3.99	cps
Uranium	238-1	20024	20750	19482	20085	3.17	cps
Vanadium	51-2	14687	14511	13786	14328	3.33	cps
Yttrium	89-1	10421379	10462118	9954229	10279242	2.75	cps
Yttrium	89-2	2614574	2598222	2614572	2609123	0.36	cps
Zinc	66-2	1297	1323	1383	1335	3.33	cps
Zirconium	90-1	11255	11505	11330	11363	1.13	cps
Zirconium	91-1	3067	2334	2275	2559	17.25	cps

LB Number : LB113413 Operator : JASWAL
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-05 14:10:03 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	608	608	642	619	3.11	cps
Antimony	121-1	67	108	100	92	24.05	cps
Arsenic	75-2	9	7	6	7	24.97	cps
Barium	135-1	17	42	8	22	78.07	cps
Barium	137-1	33	17	17	22	43.28	cps
Beryllium	9-1	17	61	50	43	54.30	cps
Bismuth	209-1	4438425	4730988	4779335	4649583	3.97	cps
Bismuth	209-2	3305161	3344791	3302030	3317327	0.72	cps
Boron	10-1	434	342	501	425	18.67	cps
Boron	11-1	1817	1942	2009	1922	5.06	cps
Bromine	81-1	6201	6552	5960	6238	4.77	cps
Bromine	81-2	30	50	40	40	25.00	cps
Cadmium	111-1	2553	2466	2750	2590	5.63	cps
Cadmium	106-1	3626	3551	3951	3709	5.73	cps
Cadmium	108-1	8	46	33	29	65.47	cps
Calcium	43-1	133	167	250	183	32.78	cps
Calcium	44-1	12656	12405	11822	12294	3.48	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1037	1167	1160	1121	6.53	cps
Cobalt	59-2	50	43	50	48	8.06	cps
Copper	63-2	2377	2370	2164	2304	5.27	cps
Dysprosium	156-1	17	17	0	11	86.60	cps
Dysprosium	156-2	10	3	10	8	49.52	cps
Erbium	164-1	25	25	33	28	17.31	cps
Erbium	164-2	33	17	20	23	37.78	cps
Gadolinium	160-1	50	75	58	61	20.83	cps
Gadolinium	160-2	73	33	57	54	36.91	cps
Holmium	165-1	7210691	7670490	7826789	7569323	4.23	cps
Holmium	165-2	4899224	4968359	4848050	4905211	1.23	cps
Indium	115-1	5266387	5675024	5802795	5581402	5.02	cps
Indium	115-2	1987014	1997065	1970940	1985007	0.66	cps
Iron	56-2	8086	8647	8291	8341	3.41	cps
Iron	57-2	244	244	317	269	15.53	cps

LB Number : LB113413 Operator : JASWAL
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-05 14:10:03 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1522	1732	1752	1668	7.64	cps
Krypton	83-1	1067	1000	973	1013	4.74	cps
Lead	206-1	878	978	756	870	12.79	cps
Lead	207-1	717	800	839	785	7.95	cps
Lead	208-1	3561	3550	3406	3506	2.48	cps
Lithium	6-1	1524045	1644553	1657922	1608840	4.58	cps
Magnesium	24-2	333	383	300	339	12.38	cps
Manganese	55-2	97	90	113	100	12.02	cps
Molybdenum	94-1	158	200	167	175	12.60	cps
Molybdenum	95-1	75	58	75	69	13.86	cps
Molybdenum	96-1	142	142	133	139	3.46	cps
Molybdenum	97-1	50	33	8	31	68.64	cps
Molybdenum	98-1	92	92	117	100	14.43	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	130	137	127	131	3.88	cps
Phosphorus	31-2	1483	1225	1308	1339	9.85	cps
Potassium	39-2	93191	91950	92831	92657	0.69	cps
Rhodium	103-1	5119061	5536770	5638009	5431280	5.06	cps
Rhodium	103-2	3473262	3516314	3437883	3475819	1.13	cps
Scandium	45-1	3792246	4069258	4185831	4015779	5.03	cps
Scandium	45-2	372278	367123	366504	368635	0.86	cps
Selenium	82-1	630	623	722	658	8.34	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	194	174	163	177	9.01	cps
Silicon	28-1	645928	648859	649632	648140	0.30	cps
Silver	107-1	67	75	58	67	12.49	cps
Silver	109-1	33	25	75	44	60.28	cps
Sodium	23-2	27459	28636	27718	27938	2.21	cps
Strontium	86-1	1592	1375	1750	1572	11.97	cps
Strontium	88-1	133	133	117	128	7.53	cps
Sulfur	34-1	593206	599903	600146	597752	0.66	cps
Terbium	159-1	7443654	7947715	8116112	7835827	4.47	cps
Terbium	159-2	5010126	5029164	4956809	4998700	0.75	cps
Thallium	203-1	150	233	233	206	23.40	cps
Thallium	205-1	408	317	383	369	12.83	cps

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 14:10:03	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	189	206	217	204	6.86	cps
Tin	118-1	567	625	708	633	11.24	cps
Titanium	47-1	50	167	133	117	51.51	cps
Uranium	238-1	25	25	25	25	0.00	cps
Vanadium	51-2	3	10	10	8	49.52	cps
Yttrium	89-1	9082953	10024409	10172350	9759904	6.05	cps
Yttrium	89-2	2569454	2614541	2554018	2579338	1.22	cps
Zinc	66-2	217	223	223	221	1.74	cps
Zirconium	90-1	408	583	500	497	17.61	cps
Zirconium	91-1	58	150	133	114	42.87	cps

LB Number : LB113413 Operator : JASWAL
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-05 14:13:10 DataFile Name : 015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13609409	13428324	13309604	13449113	1.12	cps
Antimony	121-1	7552	7486	7486	7508	0.51	cps
Arsenic	75-2	120	133	126	127	5.14	cps
Barium	135-1	2342	2067	2217	2209	6.24	cps
Barium	137-1	3576	3626	3701	3634	1.73	cps
Beryllium	9-1	561	400	406	456	20.08	cps
Bismuth	209-1	4765573	4842099	4887074	4831582	1.27	cps
Bismuth	209-2	3142847	3191351	3273820	3202673	2.07	cps
Boron	10-1	506	554	521	527	4.70	cps
Boron	11-1	2867	2559	2750	2725	5.71	cps
Bromine	81-1	6518	6285	6101	6302	3.31	cps
Bromine	81-2	270	170	210	217	23.23	cps
Cadmium	111-1	3380	4239	4201	3940	12.31	cps
Cadmium	106-1	3592	4476	4359	4142	11.59	cps
Cadmium	108-1	2234	2325	2221	2260	2.52	cps
Calcium	43-1	2034671	2052004	2036351	2041009	0.47	cps
Calcium	44-1	30437255	30546795	30390708	30458253	0.26	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	65267	64289	64410	64655	0.82	cps
Cobalt	59-2	5474	5578	5448	5500	1.25	cps
Copper	63-2	27796	27786	28024	27869	0.48	cps
Dysprosium	156-1	42	50	17	36	48.03	cps
Dysprosium	156-2	27	13	27	22	34.66	cps
Erbium	164-1	67	42	67	58	24.74	cps
Erbium	164-2	20	37	27	28	30.20	cps
Gadolinium	160-1	108	117	67	97	27.55	cps
Gadolinium	160-2	87	67	80	78	13.09	cps
Holmium	165-1	7943362	8022998	8139206	8035189	1.23	cps
Holmium	165-2	4797922	4875031	5010743	4894566	2.20	cps
Indium	115-1	5629344	5623053	5713143	5655180	0.89	cps
Indium	115-2	1823899	1856669	1891516	1857362	1.82	cps
Iron	56-2	272310439	270411606	268949928	270557325	0.62	cps
Iron	57-2	6711698	6748671	6645454	6701941	0.78	cps

LB Number : LB113413 Operator : JASWAL
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-05 14:13:10 DataFile Name : 015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	14914633	14956023	14834426	14901694	0.41	cps
Krypton	83-1	963	1083	880	976	10.48	cps
Lead	206-1	24411	24701	23833	24315	1.82	cps
Lead	207-1	19442	19398	19420	19420	0.11	cps
Lead	208-1	92342	91315	91852	91836	0.56	cps
Lithium	6-1	1641671	1663016	1662529	1655739	0.74	cps
Magnesium	24-2	27364995	27068527	27139412	27190978	0.57	cps
Manganese	55-2	16573	16836	16686	16698	0.79	cps
Molybdenum	94-1	3599020	3629323	3641790	3623377	0.61	cps
Molybdenum	95-1	6312811	6414330	6412650	6379930	0.91	cps
Molybdenum	96-1	6751417	6770758	6764695	6762290	0.15	cps
Molybdenum	97-1	3958086	3962272	3987406	3969255	0.40	cps
Molybdenum	98-1	10049558	10087917	10097336	10078270	0.25	cps
Neodymium	150-1	40	40	53	44	17.32	cps
Neodymium	150-2	13	23	13	17	34.65	cps
Nickel	60-2	6628	6395	6301	6441	2.61	cps
Phosphorus	31-2	825711	813508	810247	816489	1.00	cps
Potassium	39-2	30880445	30631370	30599934	30703917	0.50	cps
Rhodium	103-1	5310094	5267709	5355799	5311201	0.83	cps
Rhodium	103-2	3150542	3204590	3283834	3212989	2.09	cps
Scandium	45-1	4045569	4020089	3996985	4020881	0.60	cps
Scandium	45-2	337063	343393	350491	343649	1.95	cps
Selenium	82-1	632	546	612	597	7.58	cps
Selenium	77-2	0	17	0	6	173.21	cps
Selenium	78-2	180	165	122	156	19.16	cps
Silicon	28-1	712081	703071	697540	704231	1.04	cps
Silver	107-1	383	425	433	414	6.47	cps
Silver	109-1	233	367	275	292	23.39	cps
Sodium	23-2	48011567	47755524	47388314	47718468	0.66	cps
Strontium	86-1	69610	70925	72038	70858	1.72	cps
Strontium	88-1	607191	609839	609393	608808	0.23	cps
Sulfur	34-1	3743838	3683133	3646877	3691283	1.33	cps
Terbium	159-1	8228533	8234976	8415110	8292873	1.28	cps
Terbium	159-2	4872764	4961907	5100224	4978298	2.30	cps
Thallium	203-1	517	667	750	644	18.35	cps
Thallium	205-1	1375	1558	1850	1595	15.02	cps

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 14:13:10	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	167	294	311	257	30.70	cps
Tin	118-1	2025	1708	1817	1850	8.70	cps
Titanium	47-1	1919932	1909140	1897932	1909001	0.58	cps
Uranium	238-1	317	400	358	358	11.63	cps
Vanadium	51-2	440	450	433	441	1.90	cps
Yttrium	89-1	9885353	9986523	9979334	9950404	0.57	cps
Yttrium	89-2	2428497	2462715	2529659	2473624	2.08	cps
Zinc	66-2	6548	6462	6401	6470	1.14	cps
Zirconium	90-1	692	633	800	708	11.94	cps
Zirconium	91-1	142	108	117	122	14.19	cps

LB Number : LB113413 Operator : JASWAL
 Lab Sample ID : ICSAB01 Instrumnet Name : P7
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-05 14:16:16 DataFile Name : 016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13418923	13459492	13431664	13436693	0.15	cps
Antimony	121-1	140000	140934	141406	140780	0.51	cps
Arsenic	75-2	7795	7737	7645	7726	0.98	cps
Barium	135-1	33791	33583	33541	33638	0.40	cps
Barium	137-1	59654	57092	57829	58192	2.27	cps
Beryllium	9-1	28477	28571	28972	28674	0.92	cps
Bismuth	209-1	5357580	5168496	5072960	5199679	2.79	cps
Bismuth	209-2	3305930	3331575	3303056	3313521	0.47	cps
Boron	10-1	9221	9047	9851	9373	4.52	cps
Boron	11-1	42552	43789	46513	44285	4.58	cps
Bromine	81-1	6602	6202	6743	6516	4.31	cps
Bromine	81-2	160	180	190	177	8.65	cps
Cadmium	111-1	37380	36913	36456	36916	1.25	cps
Cadmium	106-1	9470	9553	8553	9192	6.04	cps
Cadmium	108-1	4993	5009	5126	5043	1.44	cps
Calcium	43-1	2011750	2028209	2049575	2029845	0.93	cps
Calcium	44-1	29907903	30314480	30526109	30249497	1.04	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	126732	126006	126103	126280	0.31	cps
Cobalt	59-2	98078	98709	98074	98287	0.37	cps
Copper	63-2	89042	88777	88995	88938	0.16	cps
Dysprosium	156-1	42	33	42	39	12.38	cps
Dysprosium	156-2	17	33	10	20	60.08	cps
Erbium	164-1	58	108	67	78	34.45	cps
Erbium	164-2	33	70	33	46	46.48	cps
Gadolinium	160-1	92	108	100	100	8.33	cps
Gadolinium	160-2	93	77	87	86	9.80	cps
Holmium	165-1	9017059	8784650	8626077	8809262	2.23	cps
Holmium	165-2	5061802	5079684	5055533	5065673	0.25	cps
Indium	115-1	6549674	6266640	5878453	6231589	5.41	cps
Indium	115-2	1913292	1933664	1917737	1921564	0.56	cps
Iron	56-2	267798578	272385301	271192139	270458673	0.88	cps
Iron	57-2	6689642	6643948	6616821	6650137	0.55	cps

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 14:16:16	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	14737666	14987271	14778355	14834431	0.90	cps
Krypton	83-1	1037	1153	937	1042	10.40	cps
Lead	206-1	124979	125339	127654	125991	1.15	cps
Lead	207-1	104752	105894	107950	106199	1.53	cps
Lead	208-1	487322	488447	497124	490964	1.09	cps
Lithium	6-1	1804119	1730783	1709036	1747980	2.85	cps
Magnesium	24-2	26862820	27040768	26795959	26899849	0.47	cps
Manganese	55-2	58446	59526	59048	59006	0.92	cps
Molybdenum	94-1	3895530	3926490	3961690	3927903	0.84	cps
Molybdenum	95-1	6536433	6510599	6668935	6571989	1.29	cps
Molybdenum	96-1	6980925	6947051	7002532	6976836	0.40	cps
Molybdenum	97-1	4064939	4032146	4108593	4068559	0.94	cps
Molybdenum	98-1	10334462	10299956	10435052	10356490	0.68	cps
Neodymium	150-1	47	33	20	33	40.01	cps
Neodymium	150-2	13	23	23	20	28.87	cps
Nickel	60-2	29633	29640	29536	29603	0.20	cps
Phosphorus	31-2	803743	805143	803713	804200	0.10	cps
Potassium	39-2	30131174	30511353	30484688	30375738	0.70	cps
Rhodium	103-1	6113635	5699816	5542231	5785227	5.10	cps
Rhodium	103-2	3309833	3342251	3330688	3327591	0.49	cps
Scandium	45-1	4445494	4300503	4191044	4312347	2.96	cps
Scandium	45-2	349756	357504	350508	352590	1.21	cps
Selenium	82-1	2721	2641	2733	2699	1.85	cps
Selenium	77-2	163	217	190	190	14.03	cps
Selenium	78-2	778	843	757	793	5.61	cps
Silicon	28-1	967089	971609	980586	973095	0.71	cps
Silver	107-1	148789	151248	152268	150768	1.19	cps
Silver	109-1	144632	140819	143107	142852	1.34	cps
Sodium	23-2	47396082	47535126	47168519	47366576	0.39	cps
Strontium	86-1	176041	178724	178537	177768	0.84	cps
Strontium	88-1	1514319	1537490	1533293	1528367	0.81	cps
Sulfur	34-1	3608947	3607801	3650591	3622447	0.67	cps
Terbium	159-1	9423851	8924279	8678123	9008751	4.22	cps
Terbium	159-2	5132402	5173747	5133599	5146583	0.46	cps
Thallium	203-1	121827	126101	126453	124794	2.06	cps
Thallium	205-1	296118	298349	304278	299582	1.41	cps

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 14:16:16	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	99424	99300	99781	99502	0.25	cps
Tin	118-1	263213	264062	259070	262115	1.02	cps
Titanium	47-1	1937568	1938468	1957972	1944669	0.59	cps
Uranium	238-1	1101262	1101695	1116815	1106591	0.80	cps
Vanadium	51-2	54534	54865	54380	54593	0.45	cps
Yttrium	89-1	11051664	10756891	10367534	10725363	3.20	cps
Yttrium	89-2	2542005	2579057	2533432	2551498	0.95	cps
Zinc	66-2	17093	16576	16947	16872	1.58	cps
Zirconium	90-1	565183	569266	571258	568569	0.54	cps
Zirconium	91-1	126889	128605	129287	128260	0.96	cps

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	CCV01	Instrumnet Name :	P7
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 14:19:18	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6725303	6727587	6814867	6755919	0.76	cps
Antimony	121-1	3220600	3202502	3235849	3219650	0.52	cps
Arsenic	75-2	180583	181669	182105	181453	0.43	cps
Barium	135-1	3803333	3750010	3821907	3791750	0.98	cps
Barium	137-1	6856098	6750407	6842238	6816248	0.84	cps
Beryllium	9-1	676662	665273	682461	674799	1.30	cps
Bismuth	209-1	4854555	4613168	4532475	4666733	3.59	cps
Bismuth	209-2	3110653	3134320	2586367	2943780	10.52	cps
Boron	10-1	83083	84511	88972	85522	3.59	cps
Boron	11-1	361924	381386	393389	378900	4.19	cps
Bromine	81-1	5535	5760	5985	5760	3.91	cps
Bromine	81-2	80	90	80	83	6.93	cps
Cadmium	111-1	791032	785911	792301	789748	0.43	cps
Cadmium	106-1	93934	91485	94388	93269	1.67	cps
Cadmium	108-1	60804	60344	61164	60771	0.68	cps
Calcium	43-1	4754312	4893185	4715383	4787626	1.95	cps
Calcium	44-1	75469118	73874322	74689620	74677687	1.07	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1550785	1541536	1541485	1544602	0.35	cps
Cobalt	59-2	2190202	2192135	2192811	2191716	0.06	cps
Copper	63-2	14485338	14359850	14482497	14442562	0.50	cps
Dysprosium	156-1	1117	1042	975	1045	6.79	cps
Dysprosium	156-2	537	650	687	624	12.52	cps
Erbium	164-1	192	200	125	172	23.87	cps
Erbium	164-2	93	120	117	110	13.21	cps
Gadolinium	160-1	1117	1017	1025	1053	5.27	cps
Gadolinium	160-2	657	737	810	734	10.44	cps
Holmium	165-1	8395637	7953958	7791033	8046876	3.89	cps
Holmium	165-2	4861928	4902546	4072625	4612367	10.14	cps
Indium	115-1	5748797	5468459	5332043	5516433	3.85	cps
Indium	115-2	1833029	1852052	1528066	1737716	10.46	cps
Iron	56-2	329090307	325405985	327908996	327468430	0.57	cps
Iron	57-2	8103229	8098739	8116999	8106322	0.12	cps

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	CCV01	Instrumnet Name :	P7
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 14:19:18	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	18089352	18176565	18220590	18162169	0.37	cps
Krypton	83-1	913	1070	1007	997	7.91	cps
Lead	206-1	13255695	13224425	13392782	13290968	0.67	cps
Lead	207-1	11979294	12022308	12209207	12070270	1.01	cps
Lead	208-1	54047884	53858820	54844037	54250247	0.96	cps
Lithium	6-1	1703770	1640021	1637377	1660389	2.26	cps
Magnesium	24-2	69839681	69345947	70020087	69735238	0.50	cps
Manganese	55-2	10391350	10432953	10410356	10411553	0.20	cps
Molybdenum	94-1	6670406	6618405	6714139	6667650	0.72	cps
Molybdenum	95-1	8341513	8324747	8404385	8356882	0.50	cps
Molybdenum	96-1	9163894	9106325	9185154	9151791	0.45	cps
Molybdenum	97-1	5174359	5127724	5231605	5177896	1.00	cps
Molybdenum	98-1	13037406	13076978	13220734	13111706	0.74	cps
Neodymium	150-1	240	413	320	324	26.74	cps
Neodymium	150-2	87	83	67	79	13.58	cps
Nickel	60-2	550439	548253	551783	550158	0.32	cps
Phosphorus	31-2	81119	81957	83726	82267	1.62	cps
Potassium	39-2	38225097	38308255	38149489	38227614	0.21	cps
Rhodium	103-1	5374322	5124366	4998941	5165876	3.70	cps
Rhodium	103-2	3156896	3170600	2634250	2987249	10.24	cps
Scandium	45-1	4098132	3932819	3833382	3954778	3.38	cps
Scandium	45-2	345356	348712	293390	329153	9.42	cps
Selenium	82-1	50639	50215	50684	50513	0.51	cps
Selenium	77-2	4798	4617	4517	4644	3.06	cps
Selenium	78-2	16096	16066	15944	16035	0.50	cps
Silicon	28-1	2974811	3115585	3192808	3094401	3.57	cps
Silver	107-1	3811180	3805738	3816535	3811151	0.14	cps
Silver	109-1	3675822	3597461	3664428	3645904	1.16	cps
Sodium	23-2	115974440	114717615	115376257	115356104	0.54	cps
Strontium	86-1	950837	943524	966674	953678	1.24	cps
Strontium	88-1	8388785	8320138	8497539	8402154	1.06	cps
Sulfur	34-1	855435	834859	840817	843704	1.25	cps
Terbium	159-1	8653483	8066516	8004097	8241366	4.35	cps
Terbium	159-2	4910404	4951526	4101802	4654577	10.29	cps
Thallium	203-1	2937993	2906695	2951731	2932140	0.79	cps
Thallium	205-1	7677256	7586326	7672466	7645349	0.67	cps

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	CCV01	Instrumnet Name :	P7
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 14:19:18	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	12304860	12100796	12314195	12239951	0.99	cps
Tin	118-1	2434263	2414328	2440887	2429826	0.57	cps
Titanium	47-1	2280230	2268173	2287233	2278545	0.42	cps
Uranium	238-1	11176173	11020290	11111646	11102703	0.71	cps
Vanadium	51-2	1342459	1338405	1344142	1341669	0.22	cps
Yttrium	89-1	10210562	9794975	9506234	9837257	3.60	cps
Yttrium	89-2	2463596	2497685	2083792	2348358	9.78	cps
Zinc	66-2	2515125	2515631	2532859	2521205	0.40	cps
Zirconium	90-1	5327564	5298240	5389103	5338302	0.87	cps
Zirconium	91-1	1198617	1194029	1211041	1201229	0.73	cps

LB Number : LB113413 Operator : JASWAL
 Lab Sample ID : CCB01 Instrumnet Name : P7
 Client Sample ID : CCB01 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-05 14:30:10 DataFile Name : 018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	267	250	208	242	12.43	cps
Antimony	121-1	292	258	208	253	16.59	cps
Arsenic	75-2	9	7	7	8	13.31	cps
Barium	135-1	42	58	83	61	34.32	cps
Barium	137-1	83	142	58	94	45.28	cps
Beryllium	9-1	39	78	50	56	36.06	cps
Bismuth	209-1	4960329	4693827	4872274	4842143	2.80	cps
Bismuth	209-2	3312485	3318107	3344194	3324929	0.51	cps
Boron	10-1	975	1143	926	1015	11.20	cps
Boron	11-1	5001	4976	4884	4954	1.24	cps
Bromine	81-1	5835	5951	6518	6101	5.99	cps
Bromine	81-2	50	70	80	67	22.91	cps
Cadmium	111-1	2913	3033	2805	2917	3.90	cps
Cadmium	106-1	4134	4317	4001	4151	3.83	cps
Cadmium	108-1	21	8	17	15	41.67	cps
Calcium	43-1	250	225	300	258	14.78	cps
Calcium	44-1	12647	13089	12397	12711	2.76	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1107	1153	1237	1166	5.65	cps
Cobalt	59-2	90	67	80	79	14.84	cps
Copper	63-2	2687	2710	2664	2687	0.87	cps
Dysprosium	156-1	17	33	33	28	34.63	cps
Dysprosium	156-2	7	7	3	6	34.70	cps
Erbium	164-1	50	25	75	50	50.00	cps
Erbium	164-2	30	37	17	28	36.66	cps
Gadolinium	160-1	25	58	42	42	40.00	cps
Gadolinium	160-2	67	60	43	57	21.21	cps
Holmium	165-1	8040276	7545455	7998287	7861339	3.49	cps
Holmium	165-2	4885240	4863759	4944198	4897732	0.85	cps
Indium	115-1	5814176	5480605	5681909	5658897	2.97	cps
Indium	115-2	1960326	1914689	1951450	1942155	1.25	cps
Iron	56-2	12455	12733	12733	12641	1.27	cps
Iron	57-2	417	383	322	374	12.80	cps

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	CCB01	Instrumnet Name :	P7
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 14:30:10	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1542	1832	1502	1625	11.09	cps
Krypton	83-1	947	1050	1083	1027	6.94	cps
Lead	206-1	1139	1261	1222	1207	5.17	cps
Lead	207-1	1067	1245	1039	1117	9.99	cps
Lead	208-1	4984	5223	4923	5043	3.14	cps
Lithium	6-1	1679478	1585746	1623349	1629524	2.89	cps
Magnesium	24-2	1217	1342	1250	1270	5.10	cps
Manganese	55-2	190	280	240	237	19.05	cps
Molybdenum	94-1	425	417	400	414	3.08	cps
Molybdenum	95-1	200	325	233	253	25.61	cps
Molybdenum	96-1	475	275	250	333	37.00	cps
Molybdenum	97-1	233	183	175	197	16.00	cps
Molybdenum	98-1	433	400	392	408	5.40	cps
Neodymium	150-1	0	7	20	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	120	117	137	124	8.61	cps
Phosphorus	31-2	1117	1283	1208	1203	6.94	cps
Potassium	39-2	92578	94105	92352	93012	1.03	cps
Rhodium	103-1	5587882	5317717	5471136	5458912	2.48	cps
Rhodium	103-2	3449108	3378603	3411533	3413081	1.03	cps
Scandium	45-1	4056074	3879550	3996540	3977388	2.26	cps
Scandium	45-2	351109	351002	355138	352416	0.67	cps
Selenium	82-1	584	600	619	601	2.85	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	176	172	148	165	9.12	cps
Silicon	28-1	573664	579685	581063	578137	0.68	cps
Silver	107-1	158	200	192	183	12.03	cps
Silver	109-1	125	100	83	103	20.40	cps
Sodium	23-2	48838	45645	46623	47035	3.48	cps
Strontium	86-1	1683	1592	1758	1678	4.98	cps
Strontium	88-1	183	208	183	192	7.53	cps
Sulfur	34-1	547069	553916	550189	550391	0.62	cps
Terbium	159-1	8233656	7896152	8152289	8094032	2.18	cps
Terbium	159-2	4955902	4958173	4991015	4968363	0.40	cps
Thallium	203-1	658	600	675	644	6.11	cps
Thallium	205-1	1742	1367	1567	1558	12.04	cps

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	CCB01	Instrumnet Name :	P7
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 14:30:10	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	667	589	522	593	12.20	cps
Tin	118-1	583	633	600	606	4.20	cps
Titanium	47-1	133	117	175	142	21.21	cps
Uranium	238-1	117	67	158	114	40.30	cps
Vanadium	51-2	17	33	23	24	34.31	cps
Yttrium	89-1	9985350	9515657	9941253	9814087	2.64	cps
Yttrium	89-2	2539683	2510253	2498962	2516299	0.84	cps
Zinc	66-2	250	200	227	226	11.09	cps
Zirconium	90-1	883	808	808	833	5.20	cps
Zirconium	91-1	192	167	108	156	27.49	cps

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 14:33:16	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3309	2909	2900	3039	7.68	cps
Antimony	121-1	13523	13123	13073	13240	1.86	cps
Arsenic	75-2	452	413	444	436	4.73	cps
Barium	135-1	14717	16018	15217	15317	4.29	cps
Barium	137-1	26643	27035	25858	26512	2.26	cps
Beryllium	9-1	1328	1445	1406	1393	4.27	cps
Bismuth	209-1	5013783	4892375	4917764	4941307	1.30	cps
Bismuth	209-2	3336845	3318631	3291936	3315804	0.68	cps
Boron	10-1	4539	4524	4698	4587	2.11	cps
Boron	11-1	21741	23594	22901	22745	4.12	cps
Bromine	81-1	6043	5968	6135	6049	1.38	cps
Bromine	81-2	30	100	60	63	55.45	cps
Cadmium	111-1	4423	4428	4404	4418	0.29	cps
Cadmium	106-1	4251	4301	3992	4181	3.96	cps
Cadmium	108-1	158	142	154	151	5.73	cps
Calcium	43-1	10971	9904	10162	10346	5.38	cps
Calcium	44-1	177056	176314	173700	175690	1.00	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7679	7292	7335	7435	2.85	cps
Cobalt	59-2	4737	4687	4441	4622	3.44	cps
Copper	63-2	8583	8332	8206	8374	2.29	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	13	10	3	9	57.30	cps
Erbium	164-1	8	42	8	19	99.00	cps
Erbium	164-2	27	20	27	24	15.75	cps
Gadolinium	160-1	100	33	42	58	62.27	cps
Gadolinium	160-2	50	77	63	63	21.06	cps
Holmium	165-1	8195354	8018963	7985354	8066557	1.40	cps
Holmium	165-2	4967654	4877439	4906539	4917210	0.94	cps
Indium	115-1	5937354	5775377	5791508	5834746	1.53	cps
Indium	115-2	1979195	1944922	1963801	1962639	0.87	cps
Iron	56-2	151403	149613	146903	149306	1.52	cps
Iron	57-2	3973	3745	3739	3819	3.49	cps

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 14:33:16	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	9924	9172	8882	9326	5.76	cps
Krypton	83-1	967	1027	983	992	3.12	cps
Lead	206-1	5979	5801	6207	5996	3.39	cps
Lead	207-1	5418	5357	5423	5399	0.68	cps
Lead	208-1	24509	24293	24765	24522	0.96	cps
Lithium	6-1	1676398	1636335	1653555	1655430	1.21	cps
Magnesium	24-2	146230	141394	143959	143861	1.68	cps
Manganese	55-2	2394	2374	2160	2309	5.60	cps
Molybdenum	94-1	13423	13607	14032	13687	2.28	cps
Molybdenum	95-1	16660	16435	16335	16477	1.01	cps
Molybdenum	96-1	18821	18437	18454	18571	1.17	cps
Molybdenum	97-1	10421	10404	9870	10232	3.06	cps
Molybdenum	98-1	26425	25548	27694	26556	4.06	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1290	1220	1347	1286	4.94	cps
Phosphorus	31-2	1258	1258	1125	1214	6.34	cps
Potassium	39-2	258201	250353	256920	255158	1.65	cps
Rhodium	103-1	5762287	5543634	5576303	5627408	2.10	cps
Rhodium	103-2	3469856	3416069	3414215	3433380	0.92	cps
Scandium	45-1	4141685	4063294	4084744	4096574	0.99	cps
Scandium	45-2	363589	349438	360068	357698	2.06	cps
Selenium	82-1	1132	1199	1097	1143	4.56	cps
Selenium	77-2	97	50	37	61	51.55	cps
Selenium	78-2	320	352	346	340	4.95	cps
Silicon	28-1	631035	629702	639218	633318	0.81	cps
Silver	107-1	7794	7736	8286	7939	3.81	cps
Silver	109-1	6860	7285	7210	7119	3.19	cps
Sodium	23-2	295286	287888	289493	290889	1.34	cps
Strontium	86-1	3592	3767	3834	3731	3.35	cps
Strontium	88-1	18446	18154	17678	18092	2.14	cps
Sulfur	34-1	561710	557364	560163	559746	0.39	cps
Terbium	159-1	8446172	8277262	8244334	8322589	1.30	cps
Terbium	159-2	5015198	4967043	4991690	4991310	0.48	cps
Thallium	203-1	6343	6268	6435	6349	1.32	cps
Thallium	205-1	15893	15451	15501	15615	1.55	cps

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 14:33:16	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	328	328	367	341	6.59	cps
Tin	118-1	26375	25674	25240	25763	2.22	cps
Titanium	47-1	4984	4609	5284	4959	6.82	cps
Uranium	238-1	20391	20099	19815	20102	1.43	cps
Vanadium	51-2	14154	13693	13740	13862	1.83	cps
Yttrium	89-1	10395573	10004635	10063925	10154711	2.07	cps
Yttrium	89-2	2537085	2560612	2514626	2537441	0.91	cps
Zinc	66-2	1323	1317	1377	1339	2.46	cps
Zirconium	90-1	11130	11630	10829	11196	3.61	cps
Zirconium	91-1	2125	2275	2159	2186	3.60	cps

LB Number : LB113413 Operator : JASWAL
 Lab Sample ID : M1458-01 Instrumnet Name : P7
 Client Sample ID : LOD-MDL-SOIL-01-QT1- Dilution Factor : 1
 Date & Time Acquired :: 2021-03-05 14:38:47 DataFile Name : 020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2525	2509	2842	2625	7.16	cps
Antimony	121-1	5351	5935	5268	5518	6.59	cps
Arsenic	75-2	294	356	307	319	10.09	cps
Barium	135-1	6160	6293	6685	6379	4.28	cps
Barium	137-1	10271	11071	10337	10560	4.21	cps
Beryllium	9-1	1011	1111	1072	1065	4.73	cps
Bismuth	209-1	5034160	4970733	4936086	4980326	1.00	cps
Bismuth	209-2	3364552	3375027	3326265	3355282	0.77	cps
Boron	10-1	743	594	777	705	13.80	cps
Boron	11-1	3709	3834	3726	3756	1.81	cps
Bromine	81-1	6402	5960	6818	6393	6.72	cps
Bromine	81-2	50	30	60	47	32.73	cps
Cadmium	111-1	4369	3923	4158	4150	5.37	cps
Cadmium	106-1	4376	4017	4051	4148	4.77	cps
Cadmium	108-1	117	121	117	118	2.04	cps
Calcium	43-1	1917	1775	1642	1778	7.74	cps
Calcium	44-1	39211	39119	37849	38726	1.97	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3814	3721	3727	3754	1.39	cps
Cobalt	59-2	3884	3921	3874	3893	0.63	cps
Copper	63-2	7509	7492	7385	7462	0.90	cps
Dysprosium	156-1	8	0	25	11	114.58	cps
Dysprosium	156-2	10	10	0	7	86.60	cps
Erbium	164-1	42	33	25	33	25.01	cps
Erbium	164-2	30	27	27	28	6.92	cps
Gadolinium	160-1	58	33	58	50	28.87	cps
Gadolinium	160-2	53	57	60	57	5.89	cps
Holmium	165-1	8313492	8125231	7948236	8128986	2.25	cps
Holmium	165-2	4955384	4942950	4894319	4930884	0.65	cps
Indium	115-1	5930702	5880257	5794171	5868377	1.18	cps
Indium	115-2	1975398	1954696	1957514	1962536	0.57	cps
Iron	56-2	123328	123200	120998	122509	1.07	cps
Iron	57-2	3067	2973	3234	3091	4.28	cps

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	M1458-01	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-SOIL-01-QT1-	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 14:38:47	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	8411	8151	7670	8077	4.66	cps
Krypton	83-1	1163	1070	997	1077	7.76	cps
Lead	206-1	5151	5068	4773	4997	3.97	cps
Lead	207-1	4862	4729	4579	4723	3.00	cps
Lead	208-1	20884	20495	20223	20534	1.62	cps
Lithium	6-1	1677630	1663468	1675830	1672309	0.46	cps
Magnesium	24-2	24103	23068	23627	23600	2.19	cps
Manganese	55-2	3594	3821	3587	3667	3.62	cps
Molybdenum	94-1	11121	11238	9895	10752	6.92	cps
Molybdenum	95-1	13223	13440	13415	13359	0.89	cps
Molybdenum	96-1	14541	15033	14750	14775	1.67	cps
Molybdenum	97-1	8670	8102	8369	8380	3.39	cps
Molybdenum	98-1	21884	21108	21250	21414	1.93	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	993	1043	1220	1086	10.97	cps
Phosphorus	31-2	1150	1225	1450	1275	12.25	cps
Potassium	39-2	105514	102593	106354	104820	1.88	cps
Rhodium	103-1	5766033	5696781	5568213	5677009	1.77	cps
Rhodium	103-2	3444692	3468580	3421784	3445019	0.68	cps
Scandium	45-1	4215798	4137790	4076379	4143322	1.69	cps
Scandium	45-2	356350	353223	362137	357237	1.27	cps
Selenium	82-1	646	652	698	665	4.25	cps
Selenium	77-2	7	3	10	7	50.03	cps
Selenium	78-2	170	161	211	181	14.71	cps
Silicon	28-1	584051	587489	590082	587208	0.52	cps
Silver	107-1	1817	1800	1909	1842	3.17	cps
Silver	109-1	1533	1725	1617	1625	5.91	cps
Sodium	23-2	80942	81587	79184	80571	1.54	cps
Strontium	86-1	3400	3367	3150	3306	4.11	cps
Strontium	88-1	14466	13849	15325	14547	5.10	cps
Sulfur	34-1	572546	561617	561821	565328	1.11	cps
Terbium	159-1	8355448	8398683	8354803	8369645	0.30	cps
Terbium	159-2	5000306	5024671	5028244	5017740	0.30	cps
Thallium	203-1	5401	5201	4684	5096	7.26	cps
Thallium	205-1	11956	13115	12189	12420	4.94	cps

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	M1458-01	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-SOIL-01-QT1-	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 14:38:47	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	383	328	256	322	19.88	cps
Tin	118-1	4993	4468	4634	4698	5.71	cps
Titanium	47-1	4001	4042	3726	3923	4.39	cps
Uranium	238-1	15952	16302	15777	16010	1.67	cps
Vanadium	51-2	2124	2237	2297	2219	3.97	cps
Yttrium	89-1	10506166	10051748	10204286	10254067	2.26	cps
Yttrium	89-2	2559629	2586840	2532995	2559821	1.05	cps
Zinc	66-2	997	1100	1143	1080	6.98	cps
Zirconium	90-1	8828	8545	8828	8733	1.87	cps
Zirconium	91-1	1934	1942	2075	1984	4.01	cps

LB Number : LB113413 Operator : JASWAL
 Lab Sample ID : M1458-03 Instrumnet Name : P7
 Client Sample ID : MDL-SOIL-03-QT1-2021 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-05 14:48:36 DataFile Name : 022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1000	1000	842	947	9.65	cps
Antimony	121-1	1775	1675	1725	1725	2.90	cps
Arsenic	75-2	83	107	104	98	13.21	cps
Barium	135-1	1892	1917	1917	1909	0.76	cps
Barium	137-1	3192	2892	3309	3131	6.87	cps
Beryllium	9-1	411	478	450	446	7.50	cps
Bismuth	209-1	4868847	4819094	4855079	4847673	0.53	cps
Bismuth	209-2	3318623	3356270	3216946	3297280	2.19	cps
Boron	10-1	421	455	355	410	12.44	cps
Boron	11-1	2134	2200	1934	2089	6.64	cps
Bromine	81-1	5851	5868	6035	5918	1.71	cps
Bromine	81-2	60	40	20	40	50.00	cps
Cadmium	111-1	3435	2983	3084	3168	7.49	cps
Cadmium	106-1	4292	3784	3951	4009	6.47	cps
Cadmium	108-1	46	46	63	51	18.73	cps
Calcium	43-1	758	767	800	775	2.84	cps
Calcium	44-1	20056	19438	20006	19833	1.73	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2197	1920	1993	2037	7.04	cps
Cobalt	59-2	1153	1283	1137	1191	6.74	cps
Copper	63-2	3554	3734	3504	3597	3.36	cps
Dysprosium	156-1	17	0	17	11	86.60	cps
Dysprosium	156-2	17	3	10	10	66.70	cps
Erbium	164-1	17	25	58	33	66.13	cps
Erbium	164-2	23	17	10	17	39.99	cps
Gadolinium	160-1	67	75	67	69	6.93	cps
Gadolinium	160-2	63	70	60	64	7.90	cps
Holmium	165-1	8121149	7935792	7942833	7999925	1.31	cps
Holmium	165-2	4900175	4954188	4738777	4864380	2.30	cps
Indium	115-1	5800778	5680603	5706549	5729310	1.10	cps
Indium	115-2	1948636	1968672	1898534	1938614	1.86	cps
Iron	56-2	42812	42840	42038	42563	1.07	cps
Iron	57-2	972	1200	1206	1126	11.83	cps

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	M1458-03	Instrumnet Name :	P7
Client Sample ID :	MDL-SOIL-03-QT1-2021	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 14:48:36	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	3364	3254	3174	3264	2.93	cps
Krypton	83-1	987	1113	1017	1039	6.37	cps
Lead	206-1	2145	2117	2061	2108	2.01	cps
Lead	207-1	1833	1861	2067	1921	6.64	cps
Lead	208-1	8496	8629	8740	8622	1.42	cps
Lithium	6-1	1684244	1646383	1703621	1678083	1.73	cps
Magnesium	24-2	8069	8194	7202	7822	6.91	cps
Manganese	55-2	1253	1247	1203	1235	2.20	cps
Molybdenum	94-1	3292	3300	3384	3325	1.52	cps
Molybdenum	95-1	4009	4067	4184	4087	2.18	cps
Molybdenum	96-1	4693	4668	4734	4698	0.72	cps
Molybdenum	97-1	2409	2800	2425	2545	8.71	cps
Molybdenum	98-1	6735	6877	6302	6638	4.52	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	7	7	0	4	86.60	cps
Nickel	60-2	377	463	450	430	10.85	cps
Phosphorus	31-2	1075	1100	1217	1131	6.69	cps
Potassium	39-2	96369	98021	97426	97272	0.86	cps
Rhodium	103-1	5581258	5464285	5532112	5525885	1.06	cps
Rhodium	103-2	3427725	3469630	3315915	3404424	2.33	cps
Scandium	45-1	4085135	4047310	4068864	4067103	0.47	cps
Scandium	45-2	359631	362024	348740	356798	1.98	cps
Selenium	82-1	899	910	872	894	2.18	cps
Selenium	77-2	23	20	30	24	20.83	cps
Selenium	78-2	291	244	231	256	12.19	cps
Silicon	28-1	582864	585024	591258	586382	0.74	cps
Silver	107-1	1959	2059	1859	1959	5.11	cps
Silver	109-1	1742	1834	2075	1884	9.14	cps
Sodium	23-2	47091	46372	47292	46918	1.03	cps
Strontium	86-1	2325	2084	2184	2197	5.53	cps
Strontium	88-1	4668	4451	4534	4551	2.40	cps
Sulfur	34-1	576341	573490	570915	573582	0.47	cps
Terbium	159-1	8333931	8164880	8095375	8198062	1.50	cps
Terbium	159-2	5009995	5054442	4808816	4957751	2.64	cps
Thallium	203-1	1617	1700	1658	1658	2.51	cps
Thallium	205-1	3934	4009	4292	4079	4.63	cps

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	M1458-03	Instrumnet Name :	P7
Client Sample ID :	MDL-SOIL-03-QT1-2021	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 14:48:36	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	311	267	333	304	11.18	cps
Tin	118-1	1984	1692	1650	1775	10.23	cps
Titanium	47-1	1317	1267	1150	1245	6.87	cps
Uranium	238-1	5410	4743	4768	4973	7.60	cps
Vanadium	51-2	703	700	677	693	2.10	cps
Yttrium	89-1	10142192	10022698	10011433	10058774	0.72	cps
Yttrium	89-2	2532073	2563571	2436110	2510585	2.64	cps
Zinc	66-2	410	357	370	379	7.33	cps
Zirconium	90-1	3242	3359	3092	3231	4.14	cps
Zirconium	91-1	675	692	833	733	11.86	cps

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	M1458-16	Instrumnet Name :	P7
Client Sample ID :	LLOQ-SOIL-QT1-2021	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 14:53:48	DataFile Name :	023LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3192	3142	3025	3120	2.74	cps
Antimony	121-1	13565	13532	13223	13440	1.40	cps
Arsenic	75-2	380	391	361	377	3.97	cps
Barium	135-1	15826	15759	15050	15545	2.77	cps
Barium	137-1	26835	26359	25891	26362	1.79	cps
Beryllium	9-1	1472	1528	1367	1456	5.62	cps
Bismuth	209-1	4876040	4852545	4850402	4859662	0.29	cps
Bismuth	209-2	3298846	3313613	3327571	3313343	0.43	cps
Boron	10-1	4232	4433	4464	4376	2.88	cps
Boron	11-1	20556	21582	20556	20898	2.84	cps
Bromine	81-1	6343	6001	6235	6193	2.82	cps
Bromine	81-2	30	50	70	50	40.00	cps
Cadmium	111-1	4465	4458	4401	4441	0.79	cps
Cadmium	106-1	4217	4217	4192	4209	0.34	cps
Cadmium	108-1	196	117	179	164	25.47	cps
Calcium	43-1	11046	10412	10988	10815	3.24	cps
Calcium	44-1	182790	178251	177468	179503	1.60	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7702	7809	7685	7732	0.87	cps
Cobalt	59-2	4814	5038	4724	4859	3.32	cps
Copper	63-2	8122	8149	8149	8140	0.19	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	10	13	10	11	17.30	cps
Erbium	164-1	25	58	33	39	44.60	cps
Erbium	164-2	20	17	13	17	20.01	cps
Gadolinium	160-1	33	42	17	31	41.66	cps
Gadolinium	160-2	57	43	57	52	14.75	cps
Holmium	165-1	8089876	8023116	8061550	8058181	0.42	cps
Holmium	165-2	4891374	4922864	4887195	4900478	0.40	cps
Indium	115-1	5823161	5790798	5803788	5805916	0.28	cps
Indium	115-2	1960962	1978725	1975970	1971886	0.48	cps
Iron	56-2	154625	153935	151488	153349	1.07	cps
Iron	57-2	4067	3873	3801	3914	3.53	cps

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	M1458-16	Instrumnet Name :	P7
Client Sample ID :	LLOQ-SOIL-QT1-2021	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 14:53:48	DataFile Name :	023LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	9653	9453	9924	9676	2.44	cps
Krypton	83-1	1063	1013	990	1022	3.67	cps
Lead	206-1	5813	6007	5657	5825	3.01	cps
Lead	207-1	4784	5218	4940	4981	4.41	cps
Lead	208-1	22880	24064	23525	23490	2.52	cps
Lithium	6-1	1675242	1670711	1669816	1671923	0.17	cps
Magnesium	24-2	151971	149093	147021	149361	1.66	cps
Manganese	55-2	2357	2407	2367	2377	1.11	cps
Molybdenum	94-1	12823	13507	13440	13256	2.84	cps
Molybdenum	95-1	16710	16627	16652	16663	0.26	cps
Molybdenum	96-1	18362	18512	18229	18368	0.77	cps
Molybdenum	97-1	10337	10071	10045	10151	1.59	cps
Molybdenum	98-1	26216	26684	26525	26475	0.90	cps
Neodymium	150-1	20	13	0	11	91.66	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	1363	1443	1290	1366	5.62	cps
Phosphorus	31-2	1350	1117	1058	1175	13.14	cps
Potassium	39-2	260000	256167	254233	256800	1.14	cps
Rhodium	103-1	5629152	5585977	5571684	5595605	0.53	cps
Rhodium	103-2	3440254	3485956	3464702	3463637	0.66	cps
Scandium	45-1	4154788	4112664	4131748	4133067	0.51	cps
Scandium	45-2	363977	356525	363815	361439	1.18	cps
Selenium	82-1	1190	1118	1142	1150	3.16	cps
Selenium	77-2	67	73	37	59	33.16	cps
Selenium	78-2	313	389	369	357	11.01	cps
Silicon	28-1	627242	631718	638756	632572	0.92	cps
Silver	107-1	7369	7627	8536	7844	7.82	cps
Silver	109-1	7277	7669	7377	7441	2.74	cps
Sodium	23-2	290571	289867	284906	288448	1.07	cps
Strontium	86-1	3626	3917	3742	3762	3.90	cps
Strontium	88-1	18070	18245	18496	18270	1.17	cps
Sulfur	34-1	582038	579371	589557	583656	0.90	cps
Terbium	159-1	8315828	8399222	8252404	8322485	0.88	cps
Terbium	159-2	4973221	5027245	4996326	4998931	0.54	cps
Thallium	203-1	6268	6268	6685	6407	3.76	cps
Thallium	205-1	14959	14191	14408	14519	2.72	cps

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	M1458-16	Instrumnet Name :	P7
Client Sample ID :	LLOQ-SOIL-QT1-2021	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 14:53:48	DataFile Name :	023LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	256	161	183	200	24.69	cps
Tin	118-1	25565	25290	26651	25835	2.78	cps
Titanium	47-1	4876	5001	4659	4845	3.57	cps
Uranium	238-1	20133	19640	20567	20113	2.30	cps
Vanadium	51-2	14067	13693	14090	13950	1.60	cps
Yttrium	89-1	10411419	10109359	10129084	10216621	1.65	cps
Yttrium	89-2	2535978	2597518	2536347	2556614	1.39	cps
Zinc	66-2	1377	1333	1253	1321	4.74	cps
Zirconium	90-1	11205	10955	10921	11027	1.41	cps
Zirconium	91-1	2525	2542	2425	2498	2.53	cps

LB Number : LB113413 Operator : JASWAL
 Lab Sample ID : M1458-07 Instrumnet Name : P7
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-05 14:56:56 DataFile Name : 024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2534	2450	2525	2503	1.83	cps
Antimony	121-1	5651	5601	5635	5629	0.45	cps
Arsenic	75-2	296	311	294	301	3.04	cps
Barium	135-1	6051	5951	5993	5999	0.84	cps
Barium	137-1	10871	10921	10096	10629	4.36	cps
Beryllium	9-1	1133	1000	1222	1119	10.00	cps
Bismuth	209-1	4936607	4880903	4802964	4873491	1.38	cps
Bismuth	209-2	3304693	3321260	3288192	3304715	0.50	cps
Boron	10-1	586	493	571	550	9.05	cps
Boron	11-1	2609	2692	2800	2700	3.56	cps
Bromine	81-1	6327	6277	6202	6268	1.00	cps
Bromine	81-2	120	90	10	73	77.54	cps
Cadmium	111-1	4331	4458	4507	4432	2.05	cps
Cadmium	106-1	4217	4351	4634	4401	4.84	cps
Cadmium	108-1	150	138	113	133	14.32	cps
Calcium	43-1	1783	1992	1925	1900	5.60	cps
Calcium	44-1	39971	40046	38617	39545	2.03	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3824	4034	3831	3896	3.06	cps
Cobalt	59-2	4237	3987	3937	4054	3.97	cps
Copper	63-2	7289	7289	7105	7227	1.47	cps
Dysprosium	156-1	25	8	25	19	49.50	cps
Dysprosium	156-2	10	10	0	7	86.60	cps
Erbium	164-1	50	58	42	50	16.66	cps
Erbium	164-2	20	33	13	22	45.83	cps
Gadolinium	160-1	42	67	83	64	32.83	cps
Gadolinium	160-2	57	53	40	50	17.64	cps
Holmium	165-1	8033157	8044783	7944772	8007571	0.68	cps
Holmium	165-2	4967149	4916638	4840916	4908234	1.29	cps
Indium	115-1	5835838	5831345	5760533	5809239	0.73	cps
Indium	115-2	1979606	1959553	1960845	1966668	0.57	cps
Iron	56-2	127166	125940	123088	125398	1.67	cps
Iron	57-2	3145	3173	3106	3141	1.07	cps

LB Number : LB113413 Operator : JASWAL
 Lab Sample ID : M1458-07 Instrumnet Name : P7
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-05 14:56:56 DataFile Name : 024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	8341	8161	8291	8264	1.13	cps
Krypton	83-1	1047	1017	997	1020	2.47	cps
Lead	206-1	4484	4951	4701	4712	4.96	cps
Lead	207-1	4279	4195	4401	4292	2.41	cps
Lead	208-1	19156	19300	19951	19469	2.18	cps
Lithium	6-1	1676052	1627433	1616568	1640018	1.93	cps
Magnesium	24-2	24078	24421	23869	24123	1.15	cps
Manganese	55-2	3871	3717	3644	3744	3.09	cps
Molybdenum	94-1	10913	11105	10988	11002	0.88	cps
Molybdenum	95-1	12798	13382	12898	13026	2.40	cps
Molybdenum	96-1	15242	14891	14066	14733	4.10	cps
Molybdenum	97-1	8186	8286	8211	8228	0.63	cps
Molybdenum	98-1	22126	22017	21567	21903	1.35	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	1167	1173	1043	1128	6.49	cps
Phosphorus	31-2	1367	1458	1300	1375	5.78	cps
Potassium	39-2	107881	104205	106554	106213	1.75	cps
Rhodium	103-1	5695151	5667950	5599010	5654037	0.88	cps
Rhodium	103-2	3495061	3484622	3420190	3466624	1.17	cps
Scandium	45-1	4170368	4163426	4112086	4148627	0.77	cps
Scandium	45-2	365229	356382	364220	361944	1.34	cps
Selenium	82-1	706	693	674	691	2.32	cps
Selenium	77-2	3	3	10	6	69.34	cps
Selenium	78-2	170	187	202	186	8.45	cps
Silicon	28-1	594687	604395	601912	600331	0.84	cps
Silver	107-1	1492	1834	1717	1681	10.33	cps
Silver	109-1	1525	1567	1658	1583	4.31	cps
Sodium	23-2	75582	75623	71930	74378	2.85	cps
Strontium	86-1	3567	3284	3300	3384	4.70	cps
Strontium	88-1	15058	14658	14808	14841	1.36	cps
Sulfur	34-1	586569	594073	590575	590405	0.64	cps
Terbium	159-1	8304867	8442199	8238717	8328594	1.25	cps
Terbium	159-2	4985455	5007972	4923223	4972217	0.88	cps
Thallium	203-1	4751	4943	5051	4915	3.09	cps
Thallium	205-1	11981	11739	11747	11822	1.16	cps

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	M1458-07	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 14:56:56	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	233	206	256	231	10.82	cps
Tin	118-1	4476	4684	4826	4662	3.78	cps
Titanium	47-1	4451	3876	4384	4237	7.43	cps
Uranium	238-1	16035	15677	15960	15891	1.19	cps
Vanadium	51-2	2254	2214	2254	2240	1.03	cps
Yttrium	89-1	10280367	10179523	10005418	10155103	1.37	cps
Yttrium	89-2	2585176	2588790	2521654	2565207	1.47	cps
Zinc	66-2	1140	1020	1130	1097	6.07	cps
Zirconium	90-1	8961	8503	8745	8736	2.63	cps
Zirconium	91-1	1975	2125	2017	2039	3.80	cps

LB Number : LB113413 Operator : JASWAL
 Lab Sample ID : M1458-09 Instrumnet Name : P7
 Client Sample ID : MDL-WATER-03-QT1-20 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-05 15:00:02 DataFile Name : 025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	933	1042	833	936	11.13	cps
Antimony	121-1	1783	1734	1800	1772	1.96	cps
Arsenic	75-2	76	102	117	98	21.01	cps
Barium	135-1	1959	2134	1975	2022	4.78	cps
Barium	137-1	3192	3426	3134	3250	4.75	cps
Beryllium	9-1	306	456	361	374	20.27	cps
Bismuth	209-1	4825702	4867146	4856090	4849646	0.44	cps
Bismuth	209-2	3278447	3322372	3280334	3293718	0.75	cps
Boron	10-1	411	330	287	343	18.46	cps
Boron	11-1	1900	1950	2084	1978	4.79	cps
Bromine	81-1	6243	6352	6035	6210	2.59	cps
Bromine	81-2	40	110	60	70	51.51	cps
Cadmium	111-1	3427	3670	3248	3448	6.14	cps
Cadmium	106-1	4409	4701	4092	4401	6.92	cps
Cadmium	108-1	67	42	42	50	28.87	cps
Calcium	43-1	775	900	675	783	14.39	cps
Calcium	44-1	21349	20657	20298	20768	2.57	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1997	1963	2003	1988	1.08	cps
Cobalt	59-2	1210	1203	1190	1201	0.85	cps
Copper	63-2	3437	3701	3490	3543	3.93	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	3	7	10	7	50.03	cps
Erbium	164-1	42	50	42	44	10.82	cps
Erbium	164-2	23	27	23	24	7.89	cps
Gadolinium	160-1	50	33	75	53	39.74	cps
Gadolinium	160-2	63	50	37	50	26.66	cps
Holmium	165-1	8011175	8015728	7970850	7999251	0.31	cps
Holmium	165-2	4896041	4940473	4888021	4908178	0.58	cps
Indium	115-1	5751382	5834139	5802278	5795933	0.72	cps
Indium	115-2	1964307	1975262	1971309	1970292	0.28	cps
Iron	56-2	44473	43292	43403	43722	1.49	cps
Iron	57-2	1095	1161	1195	1150	4.43	cps

LB Number : LB113413 Operator : JASWAL
 Lab Sample ID : M1458-09 Instrumnet Name : P7
 Client Sample ID : MDL-WATER-03-QT1-20 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-05 15:00:02 DataFile Name : 025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	3895	3404	3574	3624	6.87	cps
Krypton	83-1	1057	1113	910	1027	10.22	cps
Lead	206-1	1956	2128	1995	2026	4.46	cps
Lead	207-1	1928	1917	1633	1826	9.14	cps
Lead	208-1	8251	8623	7851	8242	4.69	cps
Lithium	6-1	1646785	1651209	1639041	1645678	0.37	cps
Magnesium	24-2	7519	7869	7769	7719	2.34	cps
Manganese	55-2	1183	1223	1250	1219	2.75	cps
Molybdenum	94-1	3159	3392	3484	3345	5.01	cps
Molybdenum	95-1	3867	4051	4184	4034	3.94	cps
Molybdenum	96-1	4659	4751	4593	4668	1.70	cps
Molybdenum	97-1	2584	3017	2442	2681	11.18	cps
Molybdenum	98-1	6568	6685	6127	6460	4.56	cps
Neodymium	150-1	0	0	20	7	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	383	383	373	380	1.52	cps
Phosphorus	31-2	1283	1300	1225	1270	3.10	cps
Potassium	39-2	97116	97342	95706	96721	0.92	cps
Rhodium	103-1	5575098	5653834	5609833	5612922	0.70	cps
Rhodium	103-2	3458061	3457027	3421579	3445556	0.60	cps
Scandium	45-1	4078898	4131110	4106876	4105628	0.64	cps
Scandium	45-2	358681	367531	366682	364298	1.34	cps
Selenium	82-1	860	863	958	894	6.24	cps
Selenium	77-2	30	23	37	30	22.23	cps
Selenium	78-2	219	248	270	246	10.59	cps
Silicon	28-1	599065	601167	606838	602357	0.67	cps
Silver	107-1	2134	1975	2125	2078	4.29	cps
Silver	109-1	1959	2000	2134	2031	4.50	cps
Sodium	23-2	44609	44466	44725	44600	0.29	cps
Strontium	86-1	2000	2392	2425	2272	10.40	cps
Strontium	88-1	4267	4801	4701	4590	6.18	cps
Sulfur	34-1	596358	601821	590843	596341	0.92	cps
Terbium	159-1	8198625	8311588	8347188	8285800	0.94	cps
Terbium	159-2	4971866	4998314	4944443	4971541	0.54	cps
Thallium	203-1	1525	1617	1742	1628	6.68	cps
Thallium	205-1	4009	4151	3801	3987	4.42	cps

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	M1458-09	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-03-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 15:00:02	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	189	244	278	237	18.95	cps
Tin	118-1	2034	1675	1834	1847	9.72	cps
Titanium	47-1	1175	1258	1292	1242	4.84	cps
Uranium	238-1	4809	4901	4984	4898	1.79	cps
Vanadium	51-2	737	703	727	722	2.37	cps
Yttrium	89-1	10107941	10249768	10194423	10184044	0.70	cps
Yttrium	89-2	2583763	2559899	2531462	2558375	1.02	cps
Zinc	66-2	440	423	447	437	2.75	cps
Zirconium	90-1	3000	2775	3150	2975	6.35	cps
Zirconium	91-1	658	667	625	650	3.39	cps

LB Number : LB113413 Operator : JASWAL
 Lab Sample ID : M1458-17 Instrumnet Name : P7
 Client Sample ID : LLOQ-WATER-QT1-2021 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-05 15:03:10 DataFile Name : 026LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3492	2950	3059	3167	9.05	cps
Antimony	121-1	13040	13532	13131	13234	1.98	cps
Arsenic	75-2	359	406	398	388	6.41	cps
Barium	135-1	14516	15042	15384	14981	2.92	cps
Barium	137-1	26217	26376	26868	26487	1.28	cps
Beryllium	9-1	1450	1422	1395	1422	1.95	cps
Bismuth	209-1	4881494	4843964	4807082	4844180	0.77	cps
Bismuth	209-2	3286572	3330496	3279213	3298760	0.84	cps
Boron	10-1	3998	4490	3990	4159	6.89	cps
Boron	11-1	19329	19721	21132	20061	4.73	cps
Bromine	81-1	6668	6093	6210	6324	4.81	cps
Bromine	81-2	30	70	70	57	40.75	cps
Cadmium	111-1	4440	4913	4486	4613	5.66	cps
Cadmium	106-1	4417	4843	4209	4490	7.19	cps
Cadmium	108-1	158	133	146	146	8.57	cps
Calcium	43-1	10621	11013	10496	10710	2.52	cps
Calcium	44-1	180470	180926	179847	180414	0.30	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7709	7502	7672	7628	1.45	cps
Cobalt	59-2	4751	4958	4931	4880	2.30	cps
Copper	63-2	7649	7722	7492	7621	1.54	cps
Dysprosium	156-1	17	0	8	8	100.02	cps
Dysprosium	156-2	7	7	7	7	0.00	cps
Erbium	164-1	42	50	67	53	24.12	cps
Erbium	164-2	17	33	33	28	34.63	cps
Gadolinium	160-1	58	33	42	44	28.64	cps
Gadolinium	160-2	50	67	53	57	15.57	cps
Holmium	165-1	8150248	8067858	8011977	8076694	0.86	cps
Holmium	165-2	4881803	4916913	4857194	4885303	0.61	cps
Indium	115-1	5850520	5816330	5810980	5825943	0.37	cps
Indium	115-2	1983061	1966633	1965733	1971809	0.49	cps
Iron	56-2	153850	156505	148832	153062	2.55	cps
Iron	57-2	3756	3806	3756	3773	0.77	cps

LB Number : LB113413 Operator : JASWAL
 Lab Sample ID : M1458-17 Instrumnet Name : P7
 Client Sample ID : LLOQ-WATER-QT1-2021 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-05 15:03:10 DataFile Name : 026LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	9573	9984	9593	9717	2.38	cps
Krypton	83-1	1093	997	1017	1036	4.93	cps
Lead	206-1	5596	5790	5579	5655	2.08	cps
Lead	207-1	4579	4795	5107	4827	5.50	cps
Lead	208-1	22130	22791	22591	22504	1.51	cps
Lithium	6-1	1646093	1610866	1613210	1623390	1.21	cps
Magnesium	24-2	151356	148494	147484	149112	1.35	cps
Manganese	55-2	2244	2207	2290	2247	1.86	cps
Molybdenum	94-1	13648	13081	13565	13432	2.28	cps
Molybdenum	95-1	16452	16719	17227	16799	2.35	cps
Molybdenum	96-1	18487	17853	18312	18218	1.80	cps
Molybdenum	97-1	10663	10271	10337	10424	2.01	cps
Molybdenum	98-1	26283	26959	26809	26684	1.33	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	1337	1407	1427	1390	3.40	cps
Phosphorus	31-2	1258	1150	1033	1147	9.81	cps
Potassium	39-2	263457	251937	260388	258594	2.31	cps
Rhodium	103-1	5647838	5604684	5613920	5622147	0.40	cps
Rhodium	103-2	3468854	3467766	3456178	3464266	0.20	cps
Scandium	45-1	4196948	4136417	4131511	4154959	0.88	cps
Scandium	45-2	366022	358258	362838	362373	1.08	cps
Selenium	82-1	1194	1232	1044	1157	8.60	cps
Selenium	77-2	43	27	53	41	32.76	cps
Selenium	78-2	343	352	344	346	1.42	cps
Silicon	28-1	640097	646328	653330	646585	1.02	cps
Silver	107-1	7911	7819	8328	8019	3.38	cps
Silver	109-1	7661	7435	7519	7538	1.51	cps
Sodium	23-2	281454	285071	284907	283810	0.72	cps
Strontium	86-1	3642	4076	3926	3881	5.67	cps
Strontium	88-1	17603	18504	18379	18162	2.69	cps
Sulfur	34-1	593203	592352	595605	593720	0.28	cps
Terbium	159-1	8428240	8330635	8170765	8309880	1.56	cps
Terbium	159-2	4995936	4983089	4941585	4973537	0.57	cps
Thallium	203-1	5885	6343	6168	6132	3.77	cps
Thallium	205-1	14683	14083	14550	14439	2.18	cps

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	M1458-17	Instrumnet Name :	P7
Client Sample ID :	LLOQ-WATER-QT1-2021	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 15:03:10	DataFile Name :	026LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	228	217	256	233	8.58	cps
Tin	118-1	25657	25223	26058	25646	1.63	cps
Titanium	47-1	4642	5059	5318	5007	6.81	cps
Uranium	238-1	20475	19482	19156	19704	3.49	cps
Vanadium	51-2	14357	14187	13760	14101	2.18	cps
Yttrium	89-1	10308961	10225152	10193005	10242373	0.58	cps
Yttrium	89-2	2562398	2600829	2543709	2568979	1.13	cps
Zinc	66-2	1330	1277	1277	1295	2.38	cps
Zirconium	90-1	11864	10604	10988	11152	5.79	cps
Zirconium	91-1	2259	2467	2525	2417	5.80	cps

LB Number : LB113413 Operator : JASWAL
 Lab Sample ID : M1458-10 Instrumnet Name : P7
 Client Sample ID : LOD-MDL-WATER-04-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-05 15:06:16 DataFile Name : 027LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2792	2825	2500	2706	6.61	cps
Antimony	121-1	5826	5810	5668	5768	1.51	cps
Arsenic	75-2	317	322	350	330	5.42	cps
Barium	135-1	5768	6018	6368	6051	4.98	cps
Barium	137-1	10571	10663	10496	10577	0.79	cps
Beryllium	9-1	1083	1061	1033	1059	2.36	cps
Bismuth	209-1	4881624	4857077	4776646	4838449	1.13	cps
Bismuth	209-2	3239360	3283130	3320625	3281038	1.24	cps
Boron	10-1	569	469	577	538	11.19	cps
Boron	11-1	2734	2717	2775	2742	1.10	cps
Bromine	81-1	6710	6093	6302	6368	4.93	cps
Bromine	81-2	80	30	80	63	45.58	cps
Cadmium	111-1	4311	4227	4135	4224	2.08	cps
Cadmium	106-1	4534	4568	4409	4504	1.85	cps
Cadmium	108-1	179	154	163	165	7.70	cps
Calcium	43-1	2159	1992	1758	1970	10.20	cps
Calcium	44-1	40222	39069	40080	39790	1.58	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3837	3847	3874	3853	0.49	cps
Cobalt	59-2	4001	4374	4264	4213	4.56	cps
Copper	63-2	6935	6958	7122	7005	1.45	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	33	42	33	36	13.33	cps
Erbium	164-2	23	30	23	26	15.07	cps
Gadolinium	160-1	67	58	58	61	7.88	cps
Gadolinium	160-2	43	53	57	51	13.58	cps
Holmium	165-1	8015664	7999966	7909939	7975190	0.72	cps
Holmium	165-2	4867029	4860322	4937701	4888351	0.88	cps
Indium	115-1	5864152	5765782	5743238	5791057	1.11	cps
Indium	115-2	1963581	1953251	1968527	1961786	0.40	cps
Iron	56-2	126034	127536	124986	126185	1.02	cps
Iron	57-2	3312	2967	3150	3143	5.48	cps

LB Number : LB113413 Operator : JASWAL
 Lab Sample ID : M1458-10 Instrumnet Name : P7
 Client Sample ID : LOD-MDL-WATER-04-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-05 15:06:16 DataFile Name : 027LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	7930	8932	7960	8274	6.89	cps
Krypton	83-1	917	1067	960	981	7.87	cps
Lead	206-1	4845	4317	4679	4614	5.85	cps
Lead	207-1	4601	4095	4229	4308	6.08	cps
Lead	208-1	19584	18706	19300	19197	2.33	cps
Lithium	6-1	1634545	1630843	1640125	1635171	0.29	cps
Magnesium	24-2	24420	24879	24303	24534	1.24	cps
Manganese	55-2	3747	3661	3524	3644	3.09	cps
Molybdenum	94-1	11080	10804	10963	10949	1.26	cps
Molybdenum	95-1	13565	13548	13415	13509	0.61	cps
Molybdenum	96-1	14875	14007	14683	14522	3.14	cps
Molybdenum	97-1	8219	8219	8144	8194	0.53	cps
Molybdenum	98-1	21901	21942	21892	21912	0.12	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	1140	1033	1120	1098	5.17	cps
Phosphorus	31-2	1192	1217	1200	1203	1.06	cps
Potassium	39-2	104658	105975	104549	105061	0.76	cps
Rhodium	103-1	5701854	5675167	5618234	5665085	0.75	cps
Rhodium	103-2	3426839	3441716	3492154	3453570	0.99	cps
Scandium	45-1	4226242	4146565	4147511	4173439	1.10	cps
Scandium	45-2	359091	355525	365053	359889	1.34	cps
Selenium	82-1	715	729	735	726	1.40	cps
Selenium	77-2	7	7	23	12	78.69	cps
Selenium	78-2	157	228	194	193	18.22	cps
Silicon	28-1	655477	620108	609290	628292	3.84	cps
Silver	107-1	1808	1733	1775	1772	2.12	cps
Silver	109-1	1417	1542	1658	1539	7.85	cps
Sodium	23-2	73153	73396	71101	72550	1.74	cps
Strontium	86-1	3334	3309	3659	3434	5.69	cps
Strontium	88-1	15200	15158	15308	15222	0.51	cps
Sulfur	34-1	600166	596685	590457	595769	0.83	cps
Terbium	159-1	8295987	8170262	8262415	8242888	0.79	cps
Terbium	159-2	4943040	4939653	5001246	4961313	0.70	cps
Thallium	203-1	4743	5209	5401	5118	6.62	cps
Thallium	205-1	11572	11714	12131	11806	2.46	cps

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	M1458-10	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-04-Q1	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 15:06:16	DataFile Name :	027LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	256	261	283	267	5.51	cps
Tin	118-1	4468	4517	4843	4609	4.42	cps
Titanium	47-1	4117	4109	3951	4059	2.31	cps
Uranium	238-1	16211	15752	16878	16280	3.48	cps
Vanadium	51-2	2367	2350	2324	2347	0.93	cps
Yttrium	89-1	10499694	10377233	10153440	10343456	1.70	cps
Yttrium	89-2	2556258	2587449	2587007	2576905	0.69	cps
Zinc	66-2	1073	1100	1117	1097	1.99	cps
Zirconium	90-1	9078	8695	9220	8997	3.02	cps
Zirconium	91-1	1833	1892	2034	1920	5.36	cps

LB Number : LB113413 Operator : JASWAL
 Lab Sample ID : M1458-12 Instrumnet Name : P7
 Client Sample ID : MDL-WATER-06-QT1-20 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-05 15:09:24 DataFile Name : 028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	850	917	850	872	4.41	cps
Antimony	121-1	1825	1708	1992	1842	7.73	cps
Arsenic	75-2	109	106	85	100	12.96	cps
Barium	135-1	1884	2025	1900	1936	4.00	cps
Barium	137-1	3017	3200	3542	3253	8.19	cps
Beryllium	9-1	383	372	411	389	5.15	cps
Bismuth	209-1	4848307	4908654	5025415	4927459	1.83	cps
Bismuth	209-2	3303544	3345309	3069187	3239347	4.59	cps
Boron	10-1	354	412	362	376	8.36	cps
Boron	11-1	2275	2000	2075	2117	6.72	cps
Bromine	81-1	5951	6177	6226	6118	2.40	cps
Bromine	81-2	20	50	60	43	48.04	cps
Cadmium	111-1	3459	3133	3511	3368	6.10	cps
Cadmium	106-1	4426	3942	4551	4306	7.46	cps
Cadmium	108-1	79	63	58	67	16.54	cps
Calcium	43-1	692	650	717	686	4.91	cps
Calcium	44-1	20732	19964	20531	20409	1.95	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1887	2007	1940	1945	3.09	cps
Cobalt	59-2	1220	1270	1297	1262	3.08	cps
Copper	63-2	3704	3664	3767	3712	1.40	cps
Dysprosium	156-1	17	25	17	19	24.73	cps
Dysprosium	156-2	3	10	3	6	69.34	cps
Erbium	164-1	33	50	8	31	68.64	cps
Erbium	164-2	27	23	20	23	14.29	cps
Gadolinium	160-1	133	50	33	72	74.19	cps
Gadolinium	160-2	57	60	50	56	9.17	cps
Holmium	165-1	8154314	8184639	8412971	8250641	1.71	cps
Holmium	165-2	4892827	4899950	4524955	4772577	4.49	cps
Indium	115-1	5910263	5873621	6306058	6029981	3.98	cps
Indium	115-2	1979193	1995188	1839289	1937890	4.43	cps
Iron	56-2	44740	44640	44896	44759	0.29	cps
Iron	57-2	1206	1078	1206	1163	6.34	cps

LB Number : LB113413 Operator : JASWAL
 Lab Sample ID : M1458-12 Instrumnet Name : P7
 Client Sample ID : MDL-WATER-06-QT1-20 Dilution Factor : 1
 Date & Time Acquired :: 2021-03-05 15:09:24 DataFile Name : 028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	3594	3314	3604	3504	4.70	cps
Krypton	83-1	997	1097	1033	1042	4.85	cps
Lead	206-1	1972	2072	2022	2022	2.47	cps
Lead	207-1	1900	1956	1789	1882	4.51	cps
Lead	208-1	8368	8579	7890	8279	4.26	cps
Lithium	6-1	1643182	1655075	1674537	1657598	0.95	cps
Magnesium	24-2	7761	7652	7969	7794	2.07	cps
Manganese	55-2	1247	1140	1103	1163	6.40	cps
Molybdenum	94-1	3434	3592	3334	3453	3.77	cps
Molybdenum	95-1	4301	4126	4184	4204	2.12	cps
Molybdenum	96-1	4693	4693	4459	4615	2.92	cps
Molybdenum	97-1	2892	2742	2617	2750	5.01	cps
Molybdenum	98-1	6685	6660	6910	6752	2.04	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	10	3	173.21	cps
Nickel	60-2	413	413	420	416	0.93	cps
Phosphorus	31-2	1250	1117	1067	1145	8.28	cps
Potassium	39-2	96177	98022	96780	96993	0.97	cps
Rhodium	103-1	5731100	5690353	6125639	5849031	4.11	cps
Rhodium	103-2	3487068	3497672	3243436	3409392	4.22	cps
Scandium	45-1	4261314	4223804	4411069	4298729	2.30	cps
Scandium	45-2	363734	371230	338628	357864	4.77	cps
Selenium	82-1	951	916	887	918	3.50	cps
Selenium	77-2	30	60	13	34	68.66	cps
Selenium	78-2	224	287	248	253	12.55	cps
Silicon	28-1	601111	602408	605548	603022	0.38	cps
Silver	107-1	1833	1992	2225	2017	9.77	cps
Silver	109-1	1758	1733	1875	1789	4.23	cps
Sodium	23-2	42887	41441	43329	42552	2.32	cps
Strontium	86-1	2475	2009	2134	2206	10.95	cps
Strontium	88-1	4559	4517	4593	4556	0.83	cps
Sulfur	34-1	597863	583210	592405	591159	1.25	cps
Terbium	159-1	8430276	8489070	8561229	8493525	0.77	cps
Terbium	159-2	5017017	4983834	4662677	4887842	4.00	cps
Thallium	203-1	1750	1575	1750	1692	5.97	cps
Thallium	205-1	3692	3609	3834	3712	3.07	cps

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	M1458-12	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-06-QT1-20	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 15:09:24	DataFile Name :	028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	189	189	178	185	3.46	cps
Tin	118-1	1725	2092	1692	1836	12.09	cps
Titanium	47-1	1050	1408	1492	1317	17.82	cps
Uranium	238-1	4793	4593	4634	4673	2.26	cps
Vanadium	51-2	687	707	713	702	1.98	cps
Yttrium	89-1	10352960	10355487	10611835	10440094	1.42	cps
Yttrium	89-2	2594735	2594233	2435281	2541416	3.62	cps
Zinc	66-2	500	437	413	450	9.97	cps
Zirconium	90-1	3050	3192	3350	3198	4.69	cps
Zirconium	91-1	717	700	633	683	6.45	cps

LB Number : LB113413 Operator : JASWAL
 Lab Sample ID : PB134949BL Instrumnet Name : P7
 Client Sample ID : PB134949BL Dilution Factor : 1
 Date & Time Acquired :: 2021-03-05 15:12:28 DataFile Name : 029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	175	183	183	181	2.66	cps
Antimony	121-1	50	17	58	42	52.91	cps
Arsenic	75-2	2	2	7	4	86.68	cps
Barium	135-1	8	25	8	14	69.31	cps
Barium	137-1	42	42	8	31	62.99	cps
Beryllium	9-1	61	33	50	48	29.04	cps
Bismuth	209-1	4889379	4883908	4841565	4871617	0.54	cps
Bismuth	209-2	3371288	3377698	3331617	3360201	0.74	cps
Boron	10-1	334	242	301	292	15.93	cps
Boron	11-1	1625	1417	1558	1533	6.94	cps
Bromine	81-1	6185	6402	6243	6277	1.79	cps
Bromine	81-2	60	60	30	50	34.64	cps
Cadmium	111-1	2858	2990	3161	3003	5.05	cps
Cadmium	106-1	4084	4309	4543	4312	5.32	cps
Cadmium	108-1	25	38	33	32	19.92	cps
Calcium	43-1	158	208	242	203	20.68	cps
Calcium	44-1	11872	12539	12072	12161	2.82	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1153	1170	1227	1183	3.25	cps
Cobalt	59-2	53	67	93	71	28.64	cps
Copper	63-2	1653	1620	1690	1655	2.12	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	3	13	17	11	62.48	cps
Erbium	164-1	50	42	25	39	32.73	cps
Erbium	164-2	27	40	20	29	35.25	cps
Gadolinium	160-1	58	108	50	72	43.69	cps
Gadolinium	160-2	30	63	57	50	35.28	cps
Holmium	165-1	8132694	8055328	8087572	8091865	0.48	cps
Holmium	165-2	5005754	4998043	4964593	4989464	0.44	cps
Indium	115-1	5975931	5861064	5852062	5896352	1.17	cps
Indium	115-2	2026967	2037649	1990423	2018346	1.23	cps
Iron	56-2	8503	8458	8636	8532	1.08	cps
Iron	57-2	267	239	222	243	9.25	cps

LB Number : LB113413 Operator : JASWAL
 Lab Sample ID : PB134949BL Instrumnet Name : P7
 Client Sample ID : PB134949BL Dilution Factor : 1
 Date & Time Acquired :: 2021-03-05 15:12:28 DataFile Name : 029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1632	1552	1532	1572	3.37	cps
Krypton	83-1	1000	943	960	968	3.01	cps
Lead	206-1	694	711	661	689	3.70	cps
Lead	207-1	622	650	689	654	5.12	cps
Lead	208-1	2939	3017	2884	2946	2.27	cps
Lithium	6-1	1662244	1605267	1660784	1642765	1.98	cps
Magnesium	24-2	317	408	383	369	12.83	cps
Manganese	55-2	73	100	80	84	16.44	cps
Molybdenum	94-1	150	117	175	147	19.88	cps
Molybdenum	95-1	33	17	17	22	43.28	cps
Molybdenum	96-1	125	117	100	114	11.18	cps
Molybdenum	97-1	8	25	33	22	57.29	cps
Molybdenum	98-1	42	75	75	64	30.12	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	100	130	83	104	22.64	cps
Phosphorus	31-2	1317	1242	1133	1231	7.49	cps
Potassium	39-2	93669	92060	89862	91863	2.08	cps
Rhodium	103-1	5772550	5650359	5683217	5702042	1.11	cps
Rhodium	103-2	3583209	3574357	3542000	3566522	0.61	cps
Scandium	45-1	4263976	4234763	4208398	4235712	0.66	cps
Scandium	45-2	378008	371587	367767	372454	1.39	cps
Selenium	82-1	625	677	728	677	7.66	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	185	165	159	170	8.04	cps
Silicon	28-1	594905	598467	605729	599700	0.92	cps
Silver	107-1	100	108	117	108	7.69	cps
Silver	109-1	42	75	50	56	31.22	cps
Sodium	23-2	28561	29671	29129	29120	1.91	cps
Strontium	86-1	1934	1884	1692	1836	6.95	cps
Strontium	88-1	108	75	117	100	22.05	cps
Sulfur	34-1	597177	596137	603070	598795	0.62	cps
Terbium	159-1	8376211	8379773	8149572	8301852	1.59	cps
Terbium	159-2	5129766	5137198	5092541	5119835	0.47	cps
Thallium	203-1	92	192	75	119	52.83	cps
Thallium	205-1	317	358	383	353	9.55	cps

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	PB134949BL	Instrumnet Name :	P7
Client Sample ID :	PB134949BL	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 15:12:28	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	183	189	194	189	2.94	cps
Tin	118-1	533	642	525	567	11.49	cps
Titanium	47-1	150	67	42	86	65.87	cps
Uranium	238-1	25	8	17	17	50.01	cps
Vanadium	51-2	0	3	7	3	100.05	cps
Yttrium	89-1	10597914	10357736	10317356	10424335	1.45	cps
Yttrium	89-2	2628012	2673405	2657656	2653024	0.87	cps
Zinc	66-2	180	153	160	164	8.44	cps
Zirconium	90-1	458	492	492	481	4.01	cps
Zirconium	91-1	142	92	100	111	24.11	cps

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	CCV02	Instrumnet Name :	P7
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 15:15:34	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6953808	6920808	6856358	6910325	0.72	cps
Antimony	121-1	3269417	3227298	3270152	3255622	0.75	cps
Arsenic	75-2	182927	184112	182932	183324	0.37	cps
Barium	135-1	3829253	3791635	3829639	3816842	0.57	cps
Barium	137-1	7009361	6898994	7004511	6970956	0.89	cps
Beryllium	9-1	700125	708103	691025	699751	1.22	cps
Bismuth	209-1	4602476	4569011	4678290	4616593	1.21	cps
Bismuth	209-2	3149855	3137013	3120362	3135743	0.47	cps
Boron	10-1	84709	89002	88178	87296	2.61	cps
Boron	11-1	375775	390178	395486	387146	2.63	cps
Bromine	81-1	5835	6051	6035	5974	2.02	cps
Bromine	81-2	80	110	70	87	24.02	cps
Cadmium	111-1	795158	797682	794612	795817	0.21	cps
Cadmium	106-1	95864	95135	94388	95129	0.78	cps
Cadmium	108-1	62779	62319	62273	62457	0.45	cps
Calcium	43-1	4933478	4869715	4898847	4900680	0.65	cps
Calcium	44-1	78303614	77859183	77241981	77801593	0.69	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1558172	1581174	1557347	1565564	0.86	cps
Cobalt	59-2	2205097	2243384	2191061	2213181	1.22	cps
Copper	63-2	14751681	14900639	14814947	14822422	0.50	cps
Dysprosium	156-1	1042	1225	983	1083	11.64	cps
Dysprosium	156-2	703	637	590	643	8.85	cps
Erbium	164-1	175	225	175	192	15.06	cps
Erbium	164-2	100	113	100	104	7.37	cps
Gadolinium	160-1	1025	1200	1092	1106	7.99	cps
Gadolinium	160-2	770	763	770	768	0.50	cps
Holmium	165-1	8170717	8156476	8232830	8186675	0.50	cps
Holmium	165-2	4923140	4959840	4902852	4928611	0.59	cps
Indium	115-1	5558768	5531449	5549804	5546674	0.25	cps
Indium	115-2	1847195	1857716	1853190	1852700	0.28	cps
Iron	56-2	334969196	340428974	331806452	335734874	1.30	cps
Iron	57-2	8189146	8480105	8260302	8309851	1.83	cps

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	CCV02	Instrumnet Name :	P7
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 15:15:34	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	18635437	18676127	18446196	18585920	0.66	cps
Krypton	83-1	990	1030	1013	1011	1.99	cps
Lead	206-1	13434729	13426289	13634440	13498486	0.87	cps
Lead	207-1	12055932	12224408	12152052	12144131	0.70	cps
Lead	208-1	54314380	54418058	54986424	54572954	0.66	cps
Lithium	6-1	1612057	1608464	1646644	1622389	1.30	cps
Magnesium	24-2	71420181	71830879	70723291	71324784	0.79	cps
Manganese	55-2	10690892	10706493	10659814	10685733	0.22	cps
Molybdenum	94-1	6920399	6774396	6774516	6823104	1.23	cps
Molybdenum	95-1	8646089	8522305	8510000	8559465	0.88	cps
Molybdenum	96-1	9523873	9329945	9358780	9404199	1.11	cps
Molybdenum	97-1	5299243	5191467	5227934	5239548	1.05	cps
Molybdenum	98-1	13628240	13495895	13551361	13558498	0.49	cps
Neodymium	150-1	427	333	300	353	18.58	cps
Neodymium	150-2	77	77	100	84	15.95	cps
Nickel	60-2	560289	560323	556610	559074	0.38	cps
Phosphorus	31-2	82594	83759	82812	83055	0.75	cps
Potassium	39-2	39013488	39044248	38911441	38989726	0.18	cps
Rhodium	103-1	5275947	5214231	5163160	5217779	1.08	cps
Rhodium	103-2	3180169	3200517	3183314	3188000	0.34	cps
Scandium	45-1	4106844	4045727	4038786	4063786	0.92	cps
Scandium	45-2	352371	350013	348663	350349	0.54	cps
Selenium	82-1	51769	51794	51150	51571	0.71	cps
Selenium	77-2	4654	4868	4581	4701	3.17	cps
Selenium	78-2	16174	16495	16422	16364	1.03	cps
Silicon	28-1	3085281	3145809	3176932	3136007	1.49	cps
Silver	107-1	3896167	3847897	3885660	3876575	0.65	cps
Silver	109-1	3714783	3676099	3662355	3684412	0.74	cps
Sodium	23-2	118735311	118006298	117340003	118027204	0.59	cps
Strontium	86-1	975149	962147	973947	970414	0.74	cps
Strontium	88-1	8715671	8616809	8518842	8617108	1.14	cps
Sulfur	34-1	925512	897924	876303	899913	2.74	cps
Terbium	159-1	8321514	8374148	8433894	8376519	0.67	cps
Terbium	159-2	5006184	5031731	4988479	5008798	0.43	cps
Thallium	203-1	2932631	2925712	2958486	2938943	0.59	cps
Thallium	205-1	7767903	7740323	7858448	7788891	0.79	cps

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	CCV02	Instrumnet Name :	P7
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 15:15:34	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	12206134	12160066	12224491	12196897	0.27	cps
Tin	118-1	2465547	2439206	2474421	2459725	0.74	cps
Titanium	47-1	2388502	2344400	2328026	2353642	1.33	cps
Uranium	238-1	11036325	11029340	11178017	11081228	0.76	cps
Vanadium	51-2	1357641	1367099	1352266	1359002	0.55	cps
Yttrium	89-1	10129932	10106197	10132655	10122928	0.14	cps
Yttrium	89-2	2511223	2536180	2522416	2523273	0.50	cps
Zinc	66-2	2532537	2564392	2535255	2544062	0.69	cps
Zirconium	90-1	5649389	5389950	5452064	5497134	2.46	cps
Zirconium	91-1	1239585	1201300	1197418	1212768	1.92	cps

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	CCB02	Instrumnet Name :	P7
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 15:25:58	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	425	333	300	353	18.35	cps
Antimony	121-1	325	275	283	294	9.10	cps
Arsenic	75-2	24	24	6	18	59.70	cps
Barium	135-1	108	125	150	128	16.41	cps
Barium	137-1	183	150	167	167	10.00	cps
Beryllium	9-1	89	122	67	93	30.20	cps
Bismuth	209-1	4822588	4860366	4841951	4841635	0.39	cps
Bismuth	209-2	3277857	3302102	3298377	3292779	0.40	cps
Boron	10-1	693	501	592	595	16.08	cps
Boron	11-1	3225	3150	2842	3073	6.61	cps
Bromine	81-1	5985	5551	6226	5921	5.78	cps
Bromine	81-2	100	50	70	73	34.32	cps
Cadmium	111-1	2911	2574	2833	2773	6.36	cps
Cadmium	106-1	4151	3659	4026	3945	6.48	cps
Cadmium	108-1	46	29	8	28	67.64	cps
Calcium	43-1	367	325	275	322	14.24	cps
Calcium	44-1	14282	13815	13823	13974	1.91	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1123	1083	1133	1113	2.38	cps
Cobalt	59-2	140	100	97	112	21.49	cps
Copper	63-2	1980	2200	2204	2128	6.02	cps
Dysprosium	156-1	0	0	17	6	173.21	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	50	25	58	44	39.04	cps
Erbium	164-2	17	27	23	22	22.91	cps
Gadolinium	160-1	58	75	58	64	15.06	cps
Gadolinium	160-2	37	77	43	52	41.04	cps
Holmium	165-1	8020430	8004889	8011435	8012251	0.10	cps
Holmium	165-2	4851834	4866229	4852689	4856917	0.17	cps
Indium	115-1	5657694	5673508	5678000	5669734	0.19	cps
Indium	115-2	1901026	1925097	1917354	1914492	0.64	cps
Iron	56-2	14991	14902	14352	14748	2.35	cps
Iron	57-2	472	461	389	441	10.27	cps

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	CCB02	Instrumnet Name :	P7
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 15:25:58	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1792	1862	1842	1832	1.97	cps
Krypton	83-1	1047	920	923	963	7.49	cps
Lead	206-1	1617	1645	1550	1604	3.03	cps
Lead	207-1	1661	1378	1350	1463	11.77	cps
Lead	208-1	6862	6651	6217	6577	5.00	cps
Lithium	6-1	1667598	1662559	1639296	1656484	0.91	cps
Magnesium	24-2	2059	1750	2025	1945	8.70	cps
Manganese	55-2	327	340	323	330	2.67	cps
Molybdenum	94-1	525	367	475	456	17.77	cps
Molybdenum	95-1	392	292	325	336	15.15	cps
Molybdenum	96-1	492	500	367	453	16.50	cps
Molybdenum	97-1	292	267	208	256	16.73	cps
Molybdenum	98-1	567	542	567	558	2.59	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	113	87	120	107	16.53	cps
Phosphorus	31-2	1150	1100	1008	1086	6.61	cps
Potassium	39-2	90877	92437	91707	91674	0.85	cps
Rhodium	103-1	5443799	5466255	5468100	5459385	0.25	cps
Rhodium	103-2	3350890	3407470	3377394	3378585	0.84	cps
Scandium	45-1	3975178	3981102	3991576	3982619	0.21	cps
Scandium	45-2	342075	352391	344483	346316	1.56	cps
Selenium	82-1	613	636	608	619	2.34	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	159	154	156	156	1.81	cps
Silicon	28-1	564992	568337	569742	567690	0.43	cps
Silver	107-1	208	242	208	219	8.77	cps
Silver	109-1	133	158	133	142	10.19	cps
Sodium	23-2	42820	42577	43121	42839	0.64	cps
Strontium	86-1	1650	1658	1625	1645	1.05	cps
Strontium	88-1	425	325	333	361	15.37	cps
Sulfur	34-1	570051	561238	564715	565335	0.79	cps
Terbium	159-1	8281603	8152876	8296334	8243604	0.96	cps
Terbium	159-2	4920279	4924286	4927464	4924010	0.07	cps
Thallium	203-1	425	450	275	383	24.69	cps
Thallium	205-1	1050	842	1033	975	11.87	cps

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	CCB02	Instrumnet Name :	P7
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 15:25:58	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	478	528	583	530	9.97	cps
Tin	118-1	700	683	625	669	5.88	cps
Titanium	47-1	200	208	142	183	19.81	cps
Uranium	238-1	242	225	192	219	11.60	cps
Vanadium	51-2	37	40	27	34	20.14	cps
Yttrium	89-1	9940960	9854852	9961810	9919207	0.57	cps
Yttrium	89-2	2506348	2490419	2515007	2503925	0.50	cps
Zinc	66-2	213	223	260	232	10.58	cps
Zirconium	90-1	758	758	750	756	0.64	cps
Zirconium	91-1	158	192	142	164	15.53	cps

LB Number : LB113413 Operator : JASWAL
 Lab Sample ID : PB134949BS Instrumnet Name : P7
 Client Sample ID : PB134949BS Dilution Factor : 1
 Date & Time Acquired :: 2021-03-05 15:29:04 DataFile Name : 032LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1439392	1447569	1450575	1445845	0.40	cps
Antimony	121-1	3418425	3438094	3374849	3410456	0.95	cps
Arsenic	75-2	190740	191147	188718	190202	0.68	cps
Barium	135-1	4004747	3993330	3944924	3981000	0.80	cps
Barium	137-1	7281444	7208953	7232586	7240995	0.51	cps
Beryllium	9-1	720688	726667	721619	722991	0.44	cps
Bismuth	209-1	4904929	4861632	4826062	4864208	0.81	cps
Bismuth	209-2	3289819	3293277	3271565	3284887	0.36	cps
Boron	10-1	83952	89020	89438	87470	3.49	cps
Boron	11-1	377286	401056	405583	394642	3.85	cps
Bromine	81-1	6168	6076	6110	6118	0.76	cps
Bromine	81-2	90	70	70	77	15.07	cps
Cadmium	111-1	855998	847496	851666	851720	0.50	cps
Cadmium	106-1	98507	100672	99346	99508	1.10	cps
Cadmium	108-1	66613	65738	64316	65556	1.77	cps
Calcium	43-1	1073563	1067557	1062928	1068016	0.50	cps
Calcium	44-1	16339181	16255702	15996660	16197181	1.10	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1610325	1620068	1601755	1610716	0.57	cps
Cobalt	59-2	2320530	2329174	2329150	2326285	0.21	cps
Copper	63-2	15853314	15838590	15773006	15821636	0.27	cps
Dysprosium	156-1	275	242	308	275	12.12	cps
Dysprosium	156-2	163	180	207	183	11.92	cps
Erbium	164-1	50	58	67	58	14.29	cps
Erbium	164-2	53	50	60	54	9.35	cps
Gadolinium	160-1	225	300	233	253	16.26	cps
Gadolinium	160-2	257	263	217	246	10.28	cps
Holmium	165-1	8245475	8239672	8149289	8211479	0.66	cps
Holmium	165-2	4978677	4964152	4963522	4968784	0.17	cps
Indium	115-1	5726273	5685918	5593069	5668420	1.20	cps
Indium	115-2	1882807	1898041	1890707	1890518	0.40	cps
Iron	56-2	72034721	71543613	71346193	71641509	0.49	cps
Iron	57-2	1769495	1767424	1762537	1766485	0.20	cps

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	PB134949BS	Instrumnet Name :	P7
Client Sample ID :	PB134949BS	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 15:29:04	DataFile Name :	032LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	4027993	4071332	4057773	4052366	0.55	cps
Krypton	83-1	1003	1047	937	996	5.57	cps
Lead	206-1	14507453	14384820	14058550	14316941	1.62	cps
Lead	207-1	13001134	13074825	12905946	12993968	0.65	cps
Lead	208-1	58704515	58442126	57547111	58231251	1.04	cps
Lithium	6-1	1671696	1683617	1658098	1671137	0.76	cps
Magnesium	24-2	14763879	14781321	14754574	14766591	0.09	cps
Manganese	55-2	10981071	11098928	11133085	11071028	0.72	cps
Molybdenum	94-1	7090274	7044307	6935134	7023239	1.13	cps
Molybdenum	95-1	8768073	8818031	8694886	8760330	0.71	cps
Molybdenum	96-1	9745197	9662037	9609134	9672123	0.71	cps
Molybdenum	97-1	5477153	5379347	5355896	5404132	1.19	cps
Molybdenum	98-1	14199796	13884772	13870384	13984984	1.33	cps
Neodymium	150-1	287	320	307	304	5.51	cps
Neodymium	150-2	103	73	73	83	20.79	cps
Nickel	60-2	591777	592050	588810	590879	0.30	cps
Phosphorus	31-2	85427	84781	84111	84773	0.78	cps
Potassium	39-2	8168454	8180417	8087662	8145511	0.62	cps
Rhodium	103-1	5462497	5421450	5345586	5409844	1.10	cps
Rhodium	103-2	3297401	3308214	3285960	3297191	0.34	cps
Scandium	45-1	4082451	4036169	3966739	4028453	1.45	cps
Scandium	45-2	349628	351935	349873	350479	0.36	cps
Selenium	82-1	54333	53864	53898	54032	0.48	cps
Selenium	77-2	4794	4961	5094	4950	3.04	cps
Selenium	78-2	16800	16938	16606	16781	0.99	cps
Silicon	28-1	2848022	2842692	2784367	2825027	1.25	cps
Silver	107-1	4201128	4130707	4089550	4140462	1.36	cps
Silver	109-1	3980756	3995341	3916653	3964250	1.06	cps
Sodium	23-2	24472078	24683839	24666150	24607355	0.48	cps
Strontium	86-1	1010514	998289	992926	1000576	0.90	cps
Strontium	88-1	9000389	8811238	8727718	8846448	1.58	cps
Sulfur	34-1	903196	890943	880158	891432	1.29	cps
Terbium	159-1	8552674	8448689	8353974	8451779	1.18	cps
Terbium	159-2	5029362	5028445	5029761	5029189	0.01	cps
Thallium	203-1	3111839	3154660	3097156	3121218	0.96	cps
Thallium	205-1	8290305	8224817	8149566	8221563	0.86	cps

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	PB134949BS	Instrumnet Name :	P7
Client Sample ID :	PB134949BS	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 15:29:04	DataFile Name :	032LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	12676171	12870443	12643948	12730187	0.96	cps
Tin	118-1	2568534	2602453	2545271	2572086	1.12	cps
Titanium	47-1	2431530	2428282	2376670	2412161	1.28	cps
Uranium	238-1	11406085	11749341	11427811	11527746	1.67	cps
Vanadium	51-2	1386376	1391198	1382621	1386731	0.31	cps
Yttrium	89-1	10268874	10138963	9920533	10109457	1.74	cps
Yttrium	89-2	2506129	2505604	2500206	2503980	0.13	cps
Zinc	66-2	2719195	2747610	2707786	2724864	0.75	cps
Zirconium	90-1	5686526	5700775	5572981	5653427	1.24	cps
Zirconium	91-1	1257061	1256535	1227624	1247074	1.35	cps

LB Number : LB113413 Operator : JASWAL
 Lab Sample ID : PB134950BL Instrumnet Name : P7
 Client Sample ID : PB134950BL Dilution Factor : 1
 Date & Time Acquired :: 2021-03-05 15:41:47 DataFile Name : 033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	225	175	183	194	13.78	cps
Antimony	121-1	233	267	225	242	9.12	cps
Arsenic	75-2	15	6	4	8	74.17	cps
Barium	135-1	92	50	25	56	60.62	cps
Barium	137-1	100	100	50	83	34.64	cps
Beryllium	9-1	39	128	33	67	79.50	cps
Bismuth	209-1	4763684	4817522	4930124	4837110	1.76	cps
Bismuth	209-2	3358686	3313647	3313611	3328648	0.78	cps
Boron	10-1	609	476	559	548	12.21	cps
Boron	11-1	2684	2609	2825	2706	4.07	cps
Bromine	81-1	5776	6518	6485	6260	6.70	cps
Bromine	81-2	70	60	100	77	27.15	cps
Cadmium	111-1	2811	2593	2891	2765	5.59	cps
Cadmium	106-1	4001	3717	4109	3942	5.13	cps
Cadmium	108-1	21	38	8	22	65.86	cps
Calcium	43-1	175	242	158	192	23.00	cps
Calcium	44-1	12080	11930	11555	11855	2.28	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1180	1167	1207	1185	1.72	cps
Cobalt	59-2	77	43	80	67	30.42	cps
Copper	63-2	2050	1930	1860	1947	4.94	cps
Dysprosium	156-1	25	17	17	19	24.73	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	67	42	25	44	47.19	cps
Erbium	164-2	13	43	27	28	54.11	cps
Gadolinium	160-1	58	75	33	56	37.75	cps
Gadolinium	160-2	53	80	70	68	19.88	cps
Holmium	165-1	7940173	7963765	8224213	8042717	1.96	cps
Holmium	165-2	4910952	4837619	4936538	4895036	1.05	cps
Indium	115-1	5621000	5642984	5807483	5690489	1.79	cps
Indium	115-2	1982791	1940784	1952160	1958578	1.11	cps
Iron	56-2	7874	7986	8542	8134	4.39	cps
Iron	57-2	306	228	239	257	16.34	cps

LB Number : LB113413 Operator : JASWAL
 Lab Sample ID : PB134950BL Instrumnet Name : P7
 Client Sample ID : PB134950BL Dilution Factor : 1
 Date & Time Acquired :: 2021-03-05 15:41:47 DataFile Name : 033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1442	1572	1632	1548	6.28	cps
Krypton	83-1	973	943	920	946	2.83	cps
Lead	206-1	1450	1428	1533	1470	3.78	cps
Lead	207-1	1245	1422	1250	1306	7.74	cps
Lead	208-1	5706	5895	5612	5738	2.52	cps
Lithium	6-1	1583941	1594671	1647881	1608831	2.13	cps
Magnesium	24-2	458	350	367	392	14.89	cps
Manganese	55-2	183	160	173	172	6.80	cps
Molybdenum	94-1	300	275	267	281	6.18	cps
Molybdenum	95-1	200	192	142	178	17.75	cps
Molybdenum	96-1	283	200	225	236	18.11	cps
Molybdenum	97-1	142	125	75	114	30.46	cps
Molybdenum	98-1	358	225	308	297	22.66	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	143	83	110	112	26.79	cps
Phosphorus	31-2	1092	1108	942	1047	8.77	cps
Potassium	39-2	90726	91849	90064	90879	0.99	cps
Rhodium	103-1	5413090	5481717	5610317	5501708	1.82	cps
Rhodium	103-2	3468028	3431238	3459717	3452994	0.56	cps
Scandium	45-1	3949898	4002973	4076311	4009727	1.58	cps
Scandium	45-2	363454	360824	354491	359590	1.28	cps
Selenium	82-1	551	619	681	617	10.53	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	148	181	167	165	10.09	cps
Silicon	28-1	576721	582244	582855	580607	0.58	cps
Silver	107-1	83	117	108	103	16.88	cps
Silver	109-1	92	108	117	106	12.06	cps
Sodium	23-2	35651	34189	34816	34885	2.10	cps
Strontium	86-1	1583	1884	1742	1736	8.64	cps
Strontium	88-1	142	192	133	156	20.28	cps
Sulfur	34-1	548748	555359	559237	554448	0.96	cps
Terbium	159-1	8110821	8164737	8452152	8242570	2.23	cps
Terbium	159-2	5026997	4985999	4995948	5002981	0.43	cps
Thallium	203-1	300	242	250	264	11.96	cps
Thallium	205-1	883	850	817	850	3.92	cps

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	PB134950BL	Instrumnet Name :	P7
Client Sample ID :	PB134950BL	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 15:41:47	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	506	617	494	539	12.54	cps
Tin	118-1	567	575	542	561	3.09	cps
Titanium	47-1	150	142	108	133	16.54	cps
Uranium	238-1	100	108	50	86	36.64	cps
Vanadium	51-2	17	7	7	10	57.72	cps
Yttrium	89-1	10001195	10033180	10260609	10098328	1.40	cps
Yttrium	89-2	2559005	2536848	2590779	2562211	1.06	cps
Zinc	66-2	243	187	173	201	18.48	cps
Zirconium	90-1	567	500	592	553	8.57	cps
Zirconium	91-1	175	200	83	153	40.20	cps

LB Number : LB113413 Operator : JASWAL
 Lab Sample ID : PB134950BS Instrumnet Name : P7
 Client Sample ID : PB134950BS Dilution Factor : 1
 Date & Time Acquired :: 2021-03-05 15:44:53 DataFile Name : 034LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1428727	1446481	1411552	1428920	1.22	cps
Antimony	121-1	3377112	3353960	3354731	3361934	0.39	cps
Arsenic	75-2	190219	188917	188544	189226	0.46	cps
Barium	135-1	3966226	3952616	3937194	3952012	0.37	cps
Barium	137-1	7232649	7225244	7193801	7217231	0.29	cps
Beryllium	9-1	716252	710136	701656	709348	1.03	cps
Bismuth	209-1	4852836	4841019	4930608	4874821	1.00	cps
Bismuth	209-2	3262408	3271955	3246060	3260141	0.40	cps
Boron	10-1	83404	86853	87061	85773	2.39	cps
Boron	11-1	366912	390808	393059	383593	3.78	cps
Bromine	81-1	5768	6126	5693	5862	3.95	cps
Bromine	81-2	50	90	80	73	28.39	cps
Cadmium	111-1	840944	836239	836989	838058	0.30	cps
Cadmium	106-1	99732	98407	98440	98860	0.76	cps
Cadmium	108-1	66638	65253	63391	65094	2.50	cps
Calcium	43-1	1067981	1053915	1053890	1058595	0.77	cps
Calcium	44-1	16147507	16046295	15975028	16056277	0.54	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1615502	1609421	1584192	1603038	1.04	cps
Cobalt	59-2	2308667	2319736	2300102	2309502	0.43	cps
Copper	63-2	15741016	15844584	15631819	15739140	0.68	cps
Dysprosium	156-1	358	317	325	333	6.61	cps
Dysprosium	156-2	180	233	207	207	12.90	cps
Erbium	164-1	133	108	67	103	32.77	cps
Erbium	164-2	47	53	60	53	12.50	cps
Gadolinium	160-1	258	392	250	300	26.50	cps
Gadolinium	160-2	237	223	213	224	5.21	cps
Holmium	165-1	8134347	8127145	8303988	8188493	1.22	cps
Holmium	165-2	4902467	4960985	4906176	4923209	0.67	cps
Indium	115-1	5740864	5668412	5789967	5733081	1.07	cps
Indium	115-2	1875108	1892846	1876878	1881611	0.52	cps
Iron	56-2	70372297	70539299	70102792	70338129	0.31	cps
Iron	57-2	1746102	1754629	1731329	1744020	0.68	cps

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	PB134950BS	Instrumnet Name :	P7
Client Sample ID :	PB134950BS	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 15:44:53	DataFile Name :	034LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	3994379	4004762	3967030	3988723	0.49	cps
Krypton	83-1	970	947	990	969	2.24	cps
Lead	206-1	14227878	14292149	14060217	14193415	0.84	cps
Lead	207-1	12860048	12855299	12741709	12819018	0.52	cps
Lead	208-1	57523980	57857823	57217366	57533056	0.56	cps
Lithium	6-1	1641624	1651511	1666807	1653314	0.77	cps
Magnesium	24-2	14673066	14626313	14511330	14603570	0.57	cps
Manganese	55-2	10971367	11010787	10823592	10935248	0.90	cps
Molybdenum	94-1	6950532	6952781	6890222	6931178	0.51	cps
Molybdenum	95-1	8824988	8659924	8672353	8719088	1.05	cps
Molybdenum	96-1	9710769	9589124	9582400	9627431	0.75	cps
Molybdenum	97-1	5403690	5354258	5318830	5358926	0.80	cps
Molybdenum	98-1	13917838	13825713	13764161	13835904	0.56	cps
Neodymium	150-1	333	447	340	373	17.03	cps
Neodymium	150-2	67	83	80	77	11.50	cps
Nickel	60-2	589955	588549	582602	587035	0.66	cps
Phosphorus	31-2	85015	82863	84991	84290	1.47	cps
Potassium	39-2	8047200	8131169	7983715	8054028	0.92	cps
Rhodium	103-1	5434813	5412852	5506418	5451361	0.90	cps
Rhodium	103-2	3290484	3311757	3267847	3290029	0.67	cps
Scandium	45-1	4103678	4065983	4114752	4094804	0.62	cps
Scandium	45-2	347624	349974	348254	348617	0.35	cps
Selenium	82-1	53919	54052	53181	53718	0.87	cps
Selenium	77-2	4838	4974	5014	4942	1.88	cps
Selenium	78-2	16734	16713	16450	16632	0.95	cps
Silicon	28-1	2853306	2833744	2771693	2819581	1.51	cps
Silver	107-1	4074418	4035388	4042896	4050901	0.51	cps
Silver	109-1	3870426	3848677	3850743	3856615	0.31	cps
Sodium	23-2	24557359	24447283	24402754	24469132	0.33	cps
Strontium	86-1	1000149	988298	987155	991867	0.73	cps
Strontium	88-1	8853581	8779217	8658189	8763662	1.13	cps
Sulfur	34-1	892395	872168	872939	879168	1.30	cps
Terbium	159-1	8389085	8419404	8578526	8462338	1.20	cps
Terbium	159-2	4971644	5028519	5002278	5000814	0.57	cps
Thallium	203-1	3052842	3060703	3035890	3049812	0.42	cps
Thallium	205-1	8102165	8172674	8016019	8096953	0.97	cps

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	PB134950BS	Instrumnet Name :	P7
Client Sample ID :	PB134950BS	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 15:44:53	DataFile Name :	034LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	12559295	12509880	12524786	12531321	0.20	cps
Tin	118-1	2575441	2547610	2542722	2555258	0.69	cps
Titanium	47-1	2422243	2417144	2393117	2410835	0.65	cps
Uranium	238-1	11182755	11277696	11381481	11280644	0.88	cps
Vanadium	51-2	1376235	1384425	1368317	1376326	0.59	cps
Yttrium	89-1	10302147	10300060	10325344	10309184	0.14	cps
Yttrium	89-2	2498968	2524339	2490398	2504568	0.70	cps
Zinc	66-2	2684506	2703716	2682045	2690089	0.44	cps
Zirconium	90-1	5700692	5636561	5605779	5647677	0.86	cps
Zirconium	91-1	1238501	1238578	1233090	1236723	0.25	cps

LB Number : LB113413 Operator : JASWAL
 Lab Sample ID : PB134947BL Instrumnet Name : P7
 Client Sample ID : PB134947BL Dilution Factor : 1
 Date & Time Acquired :: 2021-03-05 16:02:27 DataFile Name : 035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	133	175	142	150	14.70	cps
Antimony	121-1	225	233	317	258	19.62	cps
Arsenic	75-2	11	9	4	8	48.07	cps
Barium	135-1	133	83	50	89	47.19	cps
Barium	137-1	167	200	208	192	11.50	cps
Beryllium	9-1	44	78	61	61	27.27	cps
Bismuth	209-1	4719718	5043089	4861558	4874788	3.33	cps
Bismuth	209-2	3235294	3268169	3252969	3252144	0.51	cps
Boron	10-1	509	476	417	467	9.92	cps
Boron	11-1	2042	1758	1992	1931	7.83	cps
Bromine	81-1	6310	6093	5943	6115	3.02	cps
Bromine	81-2	70	50	20	47	53.93	cps
Cadmium	111-1	2723	2798	2665	2729	2.43	cps
Cadmium	106-1	3859	3984	3834	3892	2.07	cps
Cadmium	108-1	17	29	50	32	52.71	cps
Calcium	43-1	167	200	108	158	29.30	cps
Calcium	44-1	11271	12255	11880	11802	4.21	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1230	1220	1263	1238	1.83	cps
Cobalt	59-2	90	83	117	97	18.25	cps
Copper	63-2	1767	1827	1590	1728	7.12	cps
Dysprosium	156-1	17	0	0	6	173.21	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	0	50	50	33	86.60	cps
Erbium	164-2	23	20	17	20	16.65	cps
Gadolinium	160-1	33	67	25	42	52.92	cps
Gadolinium	160-2	50	67	103	73	37.20	cps
Holmium	165-1	7727501	8354679	8128011	8070063	3.94	cps
Holmium	165-2	4776846	4816136	4764394	4785792	0.56	cps
Indium	115-1	5587587	6330934	5742468	5886997	6.66	cps
Indium	115-2	1907315	1903620	1886053	1898996	0.60	cps
Iron	56-2	8769	9353	9181	9101	3.30	cps
Iron	57-2	361	294	344	333	10.41	cps

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	PB134947BL	Instrumnet Name :	P7
Client Sample ID :	PB134947BL	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 16:02:27	DataFile Name :	035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1442	1582	1452	1492	5.24	cps
Krypton	83-1	963	983	990	979	1.42	cps
Lead	206-1	1417	1367	1522	1435	5.53	cps
Lead	207-1	1361	1450	1156	1322	11.42	cps
Lead	208-1	5978	5856	5890	5908	1.07	cps
Lithium	6-1	1573419	1697696	1627035	1632717	3.82	cps
Magnesium	24-2	467	492	575	511	11.10	cps
Manganese	55-2	303	327	310	313	3.83	cps
Molybdenum	94-1	342	383	250	325	20.99	cps
Molybdenum	95-1	200	217	217	211	4.56	cps
Molybdenum	96-1	375	275	300	317	16.43	cps
Molybdenum	97-1	100	83	183	122	43.83	cps
Molybdenum	98-1	408	317	425	383	15.22	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	130	83	130	114	23.54	cps
Phosphorus	31-2	1067	1067	900	1011	9.52	cps
Potassium	39-2	90919	94080	88411	91137	3.12	cps
Rhodium	103-1	5326601	5714568	5589595	5543588	3.57	cps
Rhodium	103-2	3381333	3365341	3348399	3365024	0.49	cps
Scandium	45-1	3947103	4227397	4052650	4075717	3.47	cps
Scandium	45-2	346510	357211	342809	348843	2.14	cps
Selenium	82-1	638	583	600	607	4.63	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	135	159	167	154	10.71	cps
Silicon	28-1	575164	583634	588973	582590	1.20	cps
Silver	107-1	233	183	158	192	19.92	cps
Silver	109-1	125	125	142	131	7.37	cps
Sodium	23-2	32627	31450	31458	31845	2.13	cps
Strontium	86-1	1558	1450	1667	1558	6.95	cps
Strontium	88-1	200	317	242	253	23.39	cps
Sulfur	34-1	566371	566320	561650	564780	0.48	cps
Terbium	159-1	8050839	8669892	8330711	8350481	3.71	cps
Terbium	159-2	4928543	4886736	4875715	4896998	0.57	cps
Thallium	203-1	267	408	408	361	22.65	cps
Thallium	205-1	850	717	658	742	13.25	cps

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	PB134947BL	Instrumnet Name :	P7
Client Sample ID :	PB134947BL	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 16:02:27	DataFile Name :	035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	633	650	683	656	3.88	cps
Tin	118-1	708	708	717	711	0.68	cps
Titanium	47-1	142	133	133	136	3.53	cps
Uranium	238-1	275	250	250	258	5.59	cps
Vanadium	51-2	30	33	30	31	6.18	cps
Yttrium	89-1	9936525	10407360	10071490	10138458	2.39	cps
Yttrium	89-2	2521868	2488799	2509986	2506884	0.67	cps
Zinc	66-2	243	203	223	223	8.95	cps
Zirconium	90-1	767	700	667	711	7.16	cps
Zirconium	91-1	142	133	200	158	22.94	cps

LB Number : LB113413 Operator : JASWAL
 Lab Sample ID : PB134947BS Instrumnet Name : P7
 Client Sample ID : PB134947BS Dilution Factor : 1
 Date & Time Acquired :: 2021-03-05 16:05:33 DataFile Name : 036DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1439413	1421492	1430726	1430544	0.63	cps
Antimony	121-1	3369605	3359828	3302956	3344130	1.08	cps
Arsenic	75-2	186602	185156	184713	185491	0.53	cps
Barium	135-1	3882912	3889443	3873356	3881904	0.21	cps
Barium	137-1	7079192	7049916	7125943	7085017	0.54	cps
Beryllium	9-1	713721	720134	716119	716658	0.45	cps
Bismuth	209-1	4775164	4821184	4811825	4802724	0.51	cps
Bismuth	209-2	3262305	3244789	3270435	3259176	0.40	cps
Boron	10-1	84417	87774	88010	86734	2.32	cps
Boron	11-1	376869	384370	392699	384646	2.06	cps
Bromine	81-1	5876	5993	5676	5849	2.74	cps
Bromine	81-2	40	60	40	47	24.74	cps
Cadmium	111-1	840599	839769	826592	835653	0.94	cps
Cadmium	106-1	100135	96041	98607	98261	2.11	cps
Cadmium	108-1	65675	65345	63859	64960	1.49	cps
Calcium	43-1	1054175	1049051	1032335	1045187	1.09	cps
Calcium	44-1	16095889	15898361	15722306	15905519	1.18	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1596428	1568331	1583097	1582619	0.89	cps
Cobalt	59-2	2302355	2277981	2275651	2285329	0.65	cps
Copper	63-2	15680380	15448188	15294508	15474359	1.26	cps
Dysprosium	156-1	283	292	267	281	4.54	cps
Dysprosium	156-2	180	173	180	178	2.16	cps
Erbium	164-1	125	125	92	114	16.90	cps
Erbium	164-2	53	67	37	52	28.78	cps
Gadolinium	160-1	308	342	367	339	8.64	cps
Gadolinium	160-2	290	230	217	246	15.91	cps
Holmium	165-1	8094611	8184601	8098626	8125946	0.63	cps
Holmium	165-2	4900642	4902314	4957613	4920190	0.66	cps
Indium	115-1	5674615	5636468	5589047	5633377	0.76	cps
Indium	115-2	1860111	1869504	1875684	1868433	0.42	cps
Iron	56-2	69899389	68847307	69726395	69491030	0.81	cps
Iron	57-2	1722272	1710017	1711308	1714532	0.39	cps

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	PB134947BS	Instrumnet Name :	P7
Client Sample ID :	PB134947BS	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 16:05:33	DataFile Name :	036DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	3960811	3927993	3919888	3936231	0.55	cps
Krypton	83-1	977	963	1047	996	4.50	cps
Lead	206-1	14123644	14160295	13999745	14094561	0.60	cps
Lead	207-1	12908066	12836770	12752076	12832304	0.61	cps
Lead	208-1	57566301	57458776	56981664	57335580	0.54	cps
Lithium	6-1	1645258	1660253	1653654	1653055	0.45	cps
Magnesium	24-2	14671695	14581663	14509164	14587507	0.56	cps
Manganese	55-2	10852070	10786773	10959604	10866149	0.80	cps
Molybdenum	94-1	6867484	6930445	6826384	6874771	0.76	cps
Molybdenum	95-1	8617568	8776008	8558425	8650667	1.30	cps
Molybdenum	96-1	9506610	9476853	9431580	9471681	0.40	cps
Molybdenum	97-1	5320525	5324605	5280473	5308534	0.46	cps
Molybdenum	98-1	13840782	13633888	13539821	13671497	1.13	cps
Neodymium	150-1	360	353	407	373	7.78	cps
Neodymium	150-2	87	77	77	80	7.22	cps
Nickel	60-2	581310	576542	578975	578942	0.41	cps
Phosphorus	31-2	83726	81807	82720	82751	1.16	cps
Potassium	39-2	8065092	7926757	7984513	7992120	0.87	cps
Rhodium	103-1	5400540	5334924	5331172	5355545	0.73	cps
Rhodium	103-2	3277338	3276472	3292227	3282012	0.27	cps
Scandium	45-1	4057560	4024386	3986996	4022980	0.88	cps
Scandium	45-2	350494	347274	349853	349207	0.49	cps
Selenium	82-1	53786	53546	53052	53462	0.70	cps
Selenium	77-2	4944	4624	5104	4891	5.00	cps
Selenium	78-2	16498	16458	16331	16429	0.53	cps
Silicon	28-1	2872342	2825653	2747700	2815232	2.24	cps
Silver	107-1	4050772	4012128	3986786	4016562	0.80	cps
Silver	109-1	3817465	3837895	3783321	3812894	0.72	cps
Sodium	23-2	24810137	24264202	24382227	24485522	1.17	cps
Strontium	86-1	985671	983374	981231	983425	0.23	cps
Strontium	88-1	8791520	8708066	8657115	8718900	0.78	cps
Sulfur	34-1	913057	895616	888740	899138	1.39	cps
Terbium	159-1	8320040	8433097	8299071	8350736	0.86	cps
Terbium	159-2	4985505	4969594	5011080	4988726	0.42	cps
Thallium	203-1	3017606	3088202	3048306	3051371	1.16	cps
Thallium	205-1	8031539	8044755	7932804	8003033	0.76	cps

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	PB134947BS	Instrumnet Name :	P7
Client Sample ID :	PB134947BS	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 16:05:33	DataFile Name :	036DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	12280226	12511107	12630975	12474103	1.43	cps
Tin	118-1	2570272	2550041	2542254	2554189	0.57	cps
Titanium	47-1	2402921	2369846	2339916	2370894	1.33	cps
Uranium	238-1	11278538	11312947	11485071	11358852	0.97	cps
Vanadium	51-2	1378472	1352575	1354456	1361834	1.06	cps
Yttrium	89-1	10143691	10130340	9934765	10069598	1.16	cps
Yttrium	89-2	2464647	2487554	2487430	2479877	0.53	cps
Zinc	66-2	2684889	2650113	2653907	2662970	0.72	cps
Zirconium	90-1	5617251	5490133	5438887	5515424	1.66	cps
Zirconium	91-1	1232603	1229168	1217469	1226414	0.65	cps

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	CCV03	Instrumnet Name :	P7
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 16:08:29	DataFile Name :	037CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6809868	6762270	6728524	6766887	0.60	cps
Antimony	121-1	3122751	3160944	3176758	3153484	0.88	cps
Arsenic	75-2	177211	177282	179151	177882	0.62	cps
Barium	135-1	3650148	3705634	3709652	3688478	0.90	cps
Barium	137-1	6674793	6755614	6773193	6734533	0.78	cps
Beryllium	9-1	687016	682608	692535	687387	0.72	cps
Bismuth	209-1	4580478	4596736	4576457	4584557	0.23	cps
Bismuth	209-2	3072979	3056144	3090802	3073308	0.56	cps
Boron	10-1	83329	87850	88485	86555	3.25	cps
Boron	11-1	378697	396469	397325	390831	2.69	cps
Bromine	81-1	6252	5701	5643	5865	5.73	cps
Bromine	81-2	90	50	50	63	36.46	cps
Cadmium	111-1	770402	770527	771536	770822	0.08	cps
Cadmium	106-1	91695	91451	91091	91413	0.33	cps
Cadmium	108-1	59139	60051	60624	59938	1.25	cps
Calcium	43-1	4875442	4876154	4687389	4812995	2.26	cps
Calcium	44-1	73631010	73531141	74531431	73897861	0.75	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1537402	1525159	1528766	1530443	0.41	cps
Cobalt	59-2	2164764	2160571	2153627	2159654	0.26	cps
Copper	63-2	14453364	14401651	14429459	14428158	0.18	cps
Dysprosium	156-1	967	892	1050	970	8.17	cps
Dysprosium	156-2	693	637	650	660	4.49	cps
Erbium	164-1	167	242	242	217	19.98	cps
Erbium	164-2	80	153	123	119	31.01	cps
Gadolinium	160-1	975	858	958	931	6.78	cps
Gadolinium	160-2	663	623	773	687	11.31	cps
Holmium	165-1	8125021	8079155	8065979	8090051	0.38	cps
Holmium	165-2	4816697	4809287	4829925	4818636	0.22	cps
Indium	115-1	5430497	5415427	5390409	5412111	0.37	cps
Indium	115-2	1794292	1790692	1803643	1796209	0.37	cps
Iron	56-2	332272530	326592874	331096596	329987333	0.91	cps
Iron	57-2	8193777	8127330	8154497	8158535	0.41	cps

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	CCV03	Instrumnet Name :	P7
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 16:08:29	DataFile Name :	037CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	18299076	18181590	18056109	18178925	0.67	cps
Krypton	83-1	963	1010	1073	1016	5.44	cps
Lead	206-1	13214994	13357186	13342248	13304809	0.59	cps
Lead	207-1	11893179	12191739	12077683	12054200	1.25	cps
Lead	208-1	53694664	54661630	54376812	54244369	0.92	cps
Lithium	6-1	1651416	1649658	1647439	1649504	0.12	cps
Magnesium	24-2	70603533	70569606	70636627	70603255	0.05	cps
Manganese	55-2	10640329	10359886	10430817	10477011	1.39	cps
Molybdenum	94-1	6633830	6522166	6585706	6580568	0.85	cps
Molybdenum	95-1	8263874	8239017	8277565	8260152	0.24	cps
Molybdenum	96-1	8994540	8997982	9034544	9009022	0.25	cps
Molybdenum	97-1	5038229	5008717	5039930	5028959	0.35	cps
Molybdenum	98-1	12937869	12939616	12932123	12936536	0.03	cps
Neodymium	150-1	400	233	413	349	28.75	cps
Neodymium	150-2	77	73	63	71	9.76	cps
Nickel	60-2	545770	539961	539585	541772	0.64	cps
Phosphorus	31-2	82142	82159	81086	81795	0.75	cps
Potassium	39-2	38519061	38177097	38457835	38384664	0.48	cps
Rhodium	103-1	5048618	5011663	5028388	5029556	0.37	cps
Rhodium	103-2	3114038	3116840	3123649	3118176	0.16	cps
Scandium	45-1	3905014	3887199	3894526	3895580	0.23	cps
Scandium	45-2	343014	341098	343549	342554	0.38	cps
Selenium	82-1	49628	49650	49776	49684	0.16	cps
Selenium	77-2	4637	4761	4414	4604	3.82	cps
Selenium	78-2	15723	15460	16013	15732	1.76	cps
Silicon	28-1	2920046	3020803	3039894	2993581	2.15	cps
Silver	107-1	3683621	3710003	3739376	3711000	0.75	cps
Silver	109-1	3553301	3559829	3524918	3546016	0.52	cps
Sodium	23-2	116845698	117146715	117469290	117153901	0.27	cps
Strontium	86-1	930879	930512	938771	933387	0.50	cps
Strontium	88-1	8317880	8308955	8334100	8320312	0.15	cps
Sulfur	34-1	834470	831416	831194	832360	0.22	cps
Terbium	159-1	8289260	8335881	8305056	8310066	0.29	cps
Terbium	159-2	4876815	4854528	4872032	4867792	0.24	cps
Thallium	203-1	2889483	2920433	2901100	2903672	0.54	cps
Thallium	205-1	7679995	7678920	7710602	7689839	0.23	cps

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	CCV03	Instrumnet Name :	P7
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 16:08:29	DataFile Name :	037CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	12075871	12056163	12272263	12134766	0.98	cps
Tin	118-1	2377255	2399308	2380185	2385583	0.50	cps
Titanium	47-1	2246031	2213883	2240020	2233312	0.77	cps
Uranium	238-1	11030312	11090701	10982942	11034651	0.49	cps
Vanadium	51-2	1337283	1317365	1323841	1326163	0.77	cps
Yttrium	89-1	9864976	9824710	9774858	9821515	0.46	cps
Yttrium	89-2	2426087	2418391	2451765	2432081	0.72	cps
Zinc	66-2	2482362	2474134	2481028	2479175	0.18	cps
Zirconium	90-1	5196251	5193038	5260945	5216745	0.73	cps
Zirconium	91-1	1165363	1159942	1171429	1165578	0.49	cps

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	CCB03	Instrumnet Name :	P7
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2021-03-05 16:16:06	DataFile Name :	038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	592	525	583	567	6.41	cps
Antimony	121-1	550	517	542	536	3.24	cps
Arsenic	75-2	26	17	20	21	22.21	cps
Barium	135-1	208	208	217	211	2.28	cps
Barium	137-1	383	283	367	344	15.56	cps
Beryllium	9-1	144	94	100	113	24.26	cps
Bismuth	209-1	4664301	4755789	4813225	4744438	1.58	cps
Bismuth	209-2	3267541	3326568	3329939	3308016	1.06	cps
Boron	10-1	1202	1118	1301	1207	7.61	cps
Boron	11-1	6326	5943	6101	6124	3.15	cps
Bromine	81-1	6418	6427	5776	6207	6.01	cps
Bromine	81-2	60	90	70	73	20.83	cps
Cadmium	111-1	2908	3031	2899	2946	2.50	cps
Cadmium	106-1	4092	4267	4059	4140	2.70	cps
Cadmium	108-1	33	21	25	26	24.12	cps
Calcium	43-1	400	492	533	475	14.36	cps
Calcium	44-1	15300	14824	15125	15083	1.59	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1360	1157	1190	1236	8.83	cps
Cobalt	59-2	150	180	190	173	12.01	cps
Copper	63-2	2257	2387	2540	2395	5.92	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Erbium	164-1	25	17	33	25	33.32	cps
Erbium	164-2	20	27	17	21	24.12	cps
Gadolinium	160-1	25	58	17	33	66.13	cps
Gadolinium	160-2	90	27	53	57	56.11	cps
Holmium	165-1	7785950	7925762	7933832	7881848	1.05	cps
Holmium	165-2	4759690	4861126	4874692	4831836	1.30	cps
Indium	115-1	5450696	5566086	5557130	5524637	1.16	cps
Indium	115-2	1889141	1926787	1925251	1913726	1.11	cps
Iron	56-2	23424	23708	25831	24321	5.41	cps
Iron	57-2	650	506	656	604	14.09	cps

LB Number :	LB113413	Operator :	JASWAL
Lab Sample ID :	CCB03	Instrumnet Name :	P7
Client Sample ID :	CCB03	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	2263	2263	2433	2319	4.24	cps
Krypton	83-1	977	973	940	963	2.10	cps
Lead	206-1	2800	3028	2595	2808	7.72	cps
Lead	207-1	2422	2639	2367	2476	5.81	cps
Lead	208-1	11308	11585	11135	11343	2.00	cps
Lithium	6-1	1603835	1630426	1614437	1616233	0.83	cps
Magnesium	24-2	3809	3834	3834	3826	0.38	cps
Manganese	55-2	643	623	680	649	4.43	cps
Molybdenum	94-1	767	800	617	728	13.42	cps
Molybdenum	95-1	742	592	608	647	12.70	cps
Molybdenum	96-1	783	683	717	728	7.00	cps
Molybdenum	97-1	433	283	433	383	22.59	cps
Molybdenum	98-1	1033	1083	1050	1056	2.41	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	103	100	103	102	1.88	cps
Phosphorus	31-2	958	1125	1025	1036	8.10	cps
Potassium	39-2	95170	97176	94106	95484	1.63	cps
Rhodium	103-1	5228455	5334960	5352128	5305181	1.26	cps
Rhodium	103-2	3345628	3421866	3419621	3395705	1.28	cps
Scandium	45-1	3809792	3898280	3886963	3865012	1.25	cps
Scandium	45-2	349155	356074	350560	351930	1.04	cps
Selenium	82-1	601	571	593	588	2.61	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	165	194	169	176	9.18	cps
Silicon	28-1	577232	580852	584100	580728	0.59	cps
Silver	107-1	417	425	325	389	14.27	cps
Silver	109-1	267	233	242	247	7.02	cps
Sodium	23-2	52083	50050	51230	51121	2.00	cps
Strontium	86-1	1567	1708	1525	1600	6.01	cps
Strontium	88-1	500	600	592	564	9.84	cps
Sulfur	34-1	547491	548621	554278	550130	0.66	cps
Terbium	159-1	7953987	8168823	8115128	8079313	1.38	cps
Terbium	159-2	4898589	4951820	4976685	4942365	0.81	cps
Thallium	203-1	867	833	717	806	9.78	cps
Thallium	205-1	1900	1767	1817	1828	3.69	cps

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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	1139	1028	1167	1111	6.61	cps
Tin	118-1	750	683	883	772	13.19	cps
Titanium	47-1	200	225	233	219	7.90	cps
Uranium	238-1	492	458	483	478	3.63	cps
Vanadium	51-2	100	103	67	90	22.53	cps
Yttrium	89-1	9641541	9975389	9793589	9803507	1.70	cps
Yttrium	89-2	2446382	2510141	2534904	2497142	1.83	cps
Zinc	66-2	327	380	393	367	9.62	cps
Zirconium	90-1	1067	825	942	945	12.80	cps
Zirconium	91-1	167	275	192	211	26.87	cps