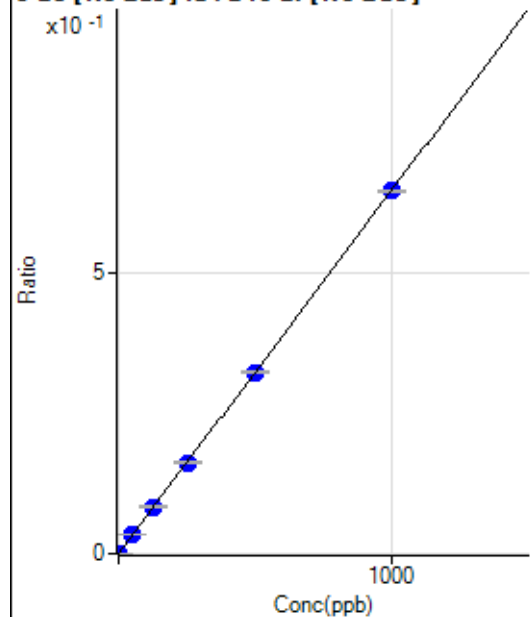


Batch Folder: C:\Agilent\ICPMH\1\DATA\P7092121MS.b\
Analysis File: P7092121MS.batch.bin
DA Date-Time: 2021-09-21 12:44:40
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	002CALB.d	S00	2021-09-21 07:50:11
2	004CALS.d	S02	2021-09-21 07:56:24
3	005CALS.d	S03	2021-09-21 07:59:30
4	006CALS.d	S04	2021-09-21 08:02:36
5	007CALS.d	S05	2021-09-21 08:05:41
6	008CALS.d	S06	2021-09-21 08:08:43
7	009CALS.d	S07	2021-09-21 08:11:43
8	010CALS.d	S08	2021-09-21 08:14:41

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	48.15	0.0000	P	40.5
2	☐	1.000	1.022	1761.25	0.0007	P	0.8
3	☐	50.000	52.075	86464.53	0.0337	P	1.4
4	☐	125.000	129.071	208459.98	0.0835	P	1.4
5	☐	250.000	251.306	391956.03	0.1626	P	1.0
6	☐	500.000	499.897	704651.81	0.3235	P	0.3
7	☐	1000.000	999.112	1349286.88	0.6465	P	0.7
8	☐			235.19	0.0001	P	28.9

$$y = 6.4702\text{E-}004 * x + 1.8849\text{E-}005$$

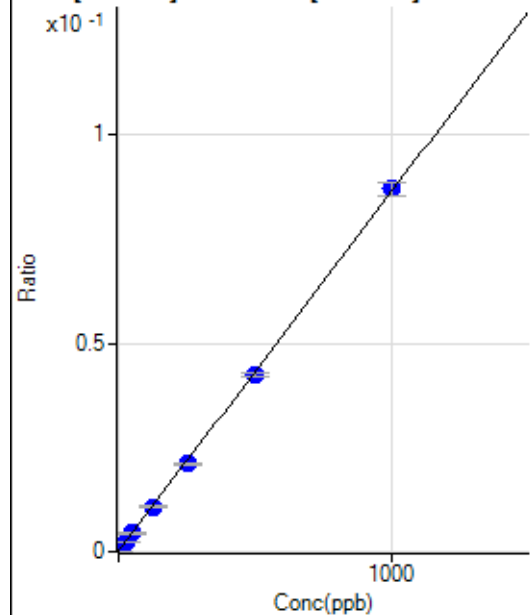
$$R = 1.0000$$

$$DL = 0.03541$$

$$BEC = 0.02913$$

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	377.79	0.0001	P	4.3
2	☐	25.000	23.541	5640.08	0.0022	P	2.9
3	☐	50.000	49.158	11251.68	0.0044	P	8.3
4	☐	125.000	122.042	26621.20	0.0107	P	4.3
5	☐	250.000	241.877	50604.33	0.0210	P	3.5
6	☐	500.000	490.023	92336.14	0.0424	P	2.1
7	☐	1000.000	1007.468	181575.05	0.0870	P	3.7
8	☐			5176.04	0.0025	P	12.3

$$y = 8.6212\text{E-}005 * x + 1.4783\text{E-}004$$

$$R = 0.9999$$

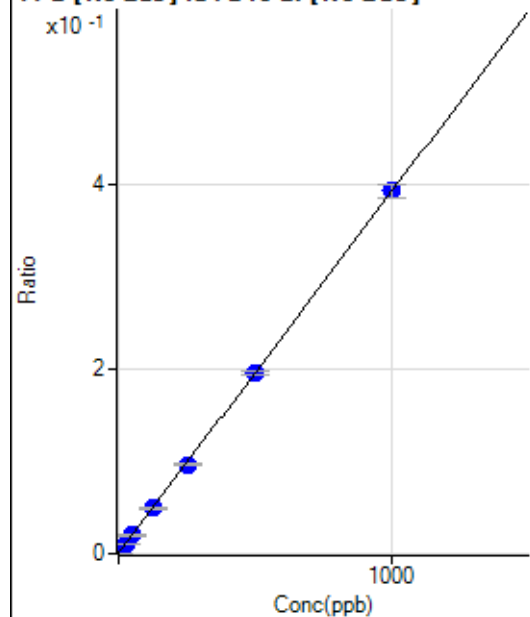
$$DL = 0.2194$$

$$BEC = 1.715$$

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	1755.70	0.0007	P	9.9
2	☐	25.000	24.046	26137.08	0.0101	P	2.0
3	☐	50.000	49.621	51524.02	0.0201	P	3.8
4	☐	125.000	124.144	122861.23	0.0492	P	3.1
5	☐	250.000	245.611	233105.01	0.0967	P	3.8
6	☐	500.000	496.889	424751.67	0.1950	P	2.1
7	☐	1000.000	1002.802	819899.81	0.3929	P	3.7
8	☐			24601.21	0.0118	P	12.5

$$y = 3.9108E-004 * x + 6.8656E-004$$

$$R = 1.0000$$

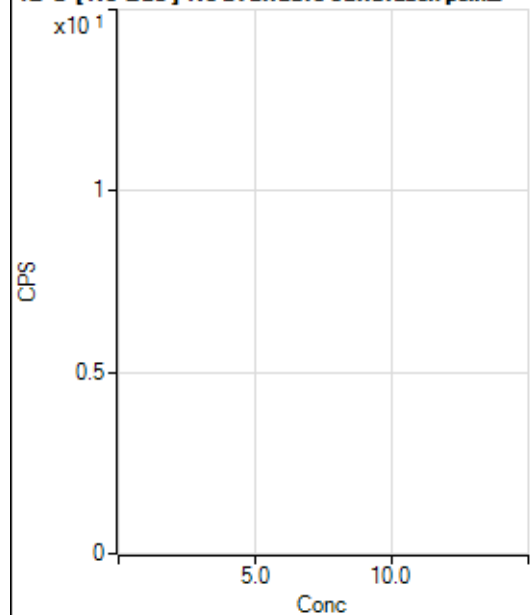
$$DL = 0.5188$$

$$BEC = 1.756$$

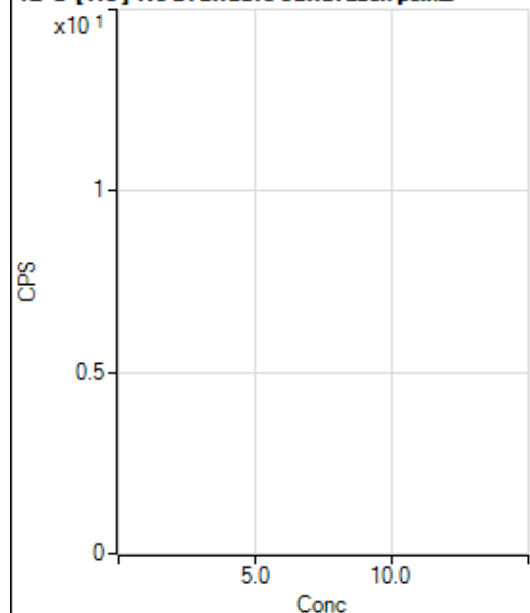
Weight: <None>

Min Conc: 0

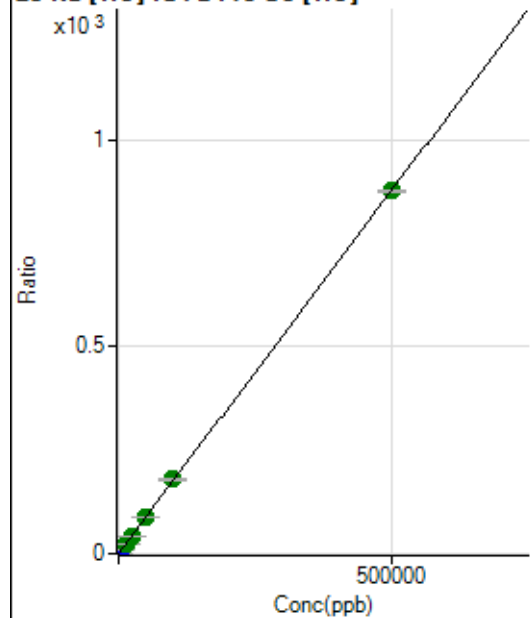
12 C [No Gas] No available calibration points



	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	9208.61	0.0308	P	1.8
2	☐	500.000	491.760	267395.67	0.8928	P	0.5
3	☐	5000.000	5052.107	2582741.38	8.8867	P	1.2
4	☐	12500.000	12514.114	6122864.37	21.9668	A	0.9
5	☐	25000.000	25038.092	11310775.43	43.9201	A	0.7
6	☐	50000.000	49587.254	20814225.47	86.9523	A	0.4
7	☐	100000.00	101951.06	41296476.27	178.7408	A	0.6
8	☐	500000.00	499648.29	220734660.4	875.8643	A	0.5

$$y = 0.0018 * x + 0.0308$$

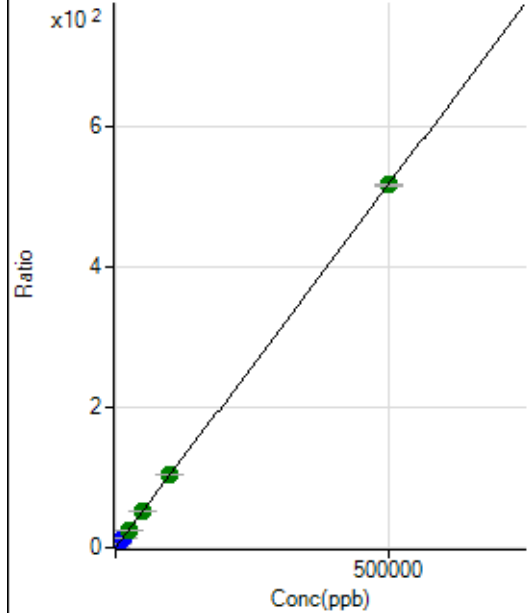
$$R = 1.0000$$

$$DL = 0.9624$$

$$BEC = 17.59$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	186.12	0.0006	P	24.0
2	☐	500.000	484.537	150262.17	0.5017	P	0.7
3	☐	5000.000	5145.511	1546811.23	5.3220	P	0.7
4	☐	12500.000	12760.915	3678642.57	13.1978	P	0.9
5	☐	25000.000	24978.041	6652899.28	25.8326	A	0.7
6	☐	50000.000	49584.375	12275116.50	51.2801	A	1.0
7	☐	100000.00	101543.52	24263068.77	105.0155	A	0.6
8	☐	500000.00	499725.99	130258184.8	516.8100	A	0.3

$$y = 0.0010 * x + 6.2255E-004$$

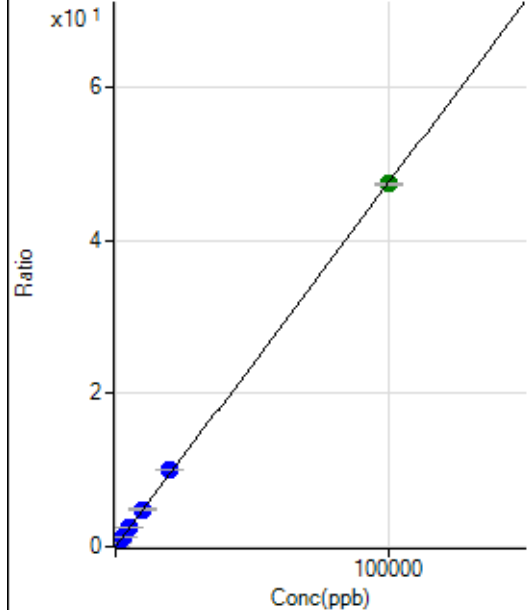
$$R = 1.0000$$

$$DL = 0.4343$$

$$BEC = 0.602$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	91.67	0.0003	P	31.5
2	☐	20.000	21.047	3083.72	0.0103	P	2.6
3	☐	1000.000	1072.500	148055.22	0.5094	P	0.4
4	☐	2500.000	2643.579	349849.11	1.2552	P	0.3
5	☐	5000.000	5429.853	663840.51	2.5777	P	0.9
6	☐	10000.000	10277.769	1167883.43	4.8789	P	0.8
7	☐	20000.000	20961.634	2298934.43	9.9503	P	0.6
8	☐	100000.00	99754.089	11932950.27	47.3512	A	0.6

$$y = 4.7468E-004 * x + 3.0599E-004$$

$$R = 0.9999$$

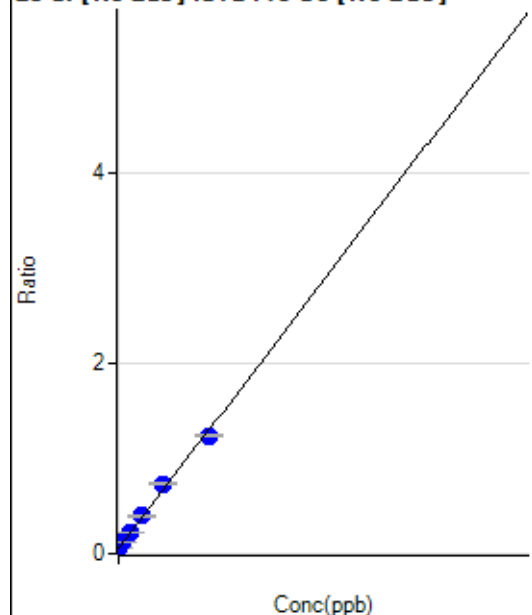
$$DL = 0.6084$$

$$BEC = 0.6446$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	212379.71	0.0530	P	2.2
2	☐	10.000	8.219	254342.36	0.0632	P	1.5
3	☐	50.000	51.511	464997.27	0.1166	P	2.0
4	☐	125.000	133.997	835646.49	0.2183	P	3.8
5	☐	250.000	277.121	1432122.09	0.3948	P	4.4
6	☐	500.000	554.711	2388469.28	0.7372	P	4.9
7	☐	1000.000	964.682	3825397.96	1.2429	P	2.0
8	☐			338887.77	0.1064	P	2.7

$$y = 0.0012 * x + 0.0530$$

$$R = 0.9972$$

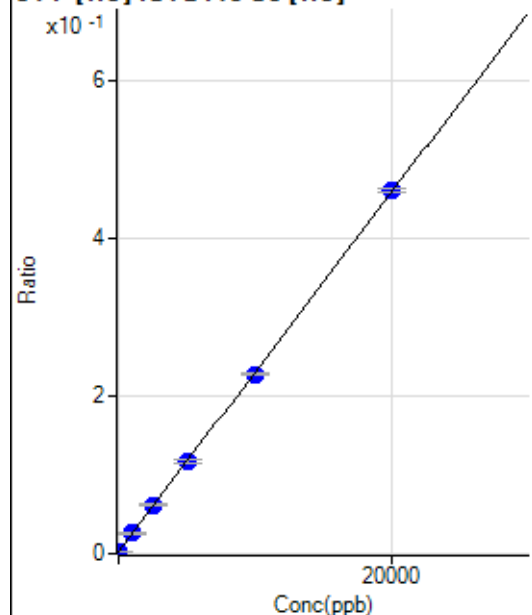
$$DL = 2.865$$

$$BEC = 42.99$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-11.229	866.72	0.0029	P	2.9
2	☐	0.000	11.229	1022.29	0.0034	P	9.7
3	☐	1000.000	1006.620	7568.77	0.0260	P	4.1
4	☐	2500.000	2585.066	17260.34	0.0619	P	2.5
5	☐	5000.000	5003.918	30108.62	0.1169	P	3.0
6	☐	10000.000	9831.915	54260.02	0.2267	P	1.1
7	☐	20000.000	20072.098	106152.60	0.4595	P	0.9
8	☐			786.16	0.0031	P	9.7

$$y = 2.2733E-005 * x + 0.0032$$

$$R = 0.9999$$

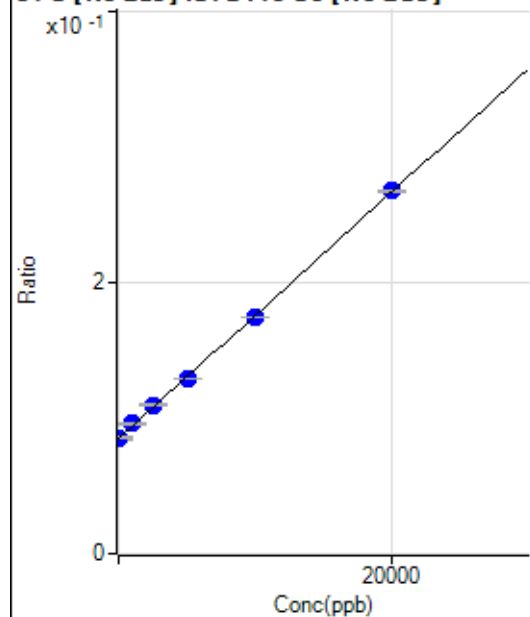
$$DL = 27.43$$

$$BEC = 138.9$$

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	-57.092	338117.52	0.0844	P	0.7
2	☐	0.000	57.092	344142.85	0.0855	P	1.6
3	☐	1000.000	1243.745	384026.82	0.0963	P	1.1
4	☐	2500.000	2721.575	419939.95	0.1097	P	0.8
5	☐	5000.000	4882.414	469263.67	0.1294	P	0.1
6	☐	10000.000	9816.804	564583.84	0.1742	P	0.3
7	☐	20000.000	20081.110	823619.46	0.2676	P	0.4
8	☐			273813.26	0.0860	P	2.0

$$y = 9.0954\text{E-}006 * x + 0.0849$$

$$R = 0.9998$$

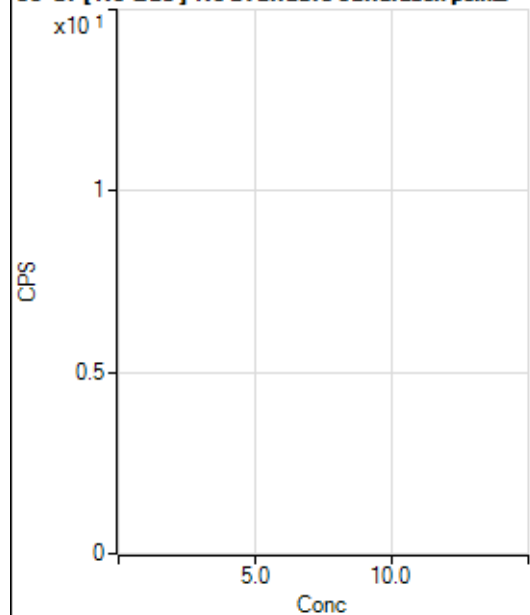
$$DL = 327.7$$

$$BEC = 9339$$

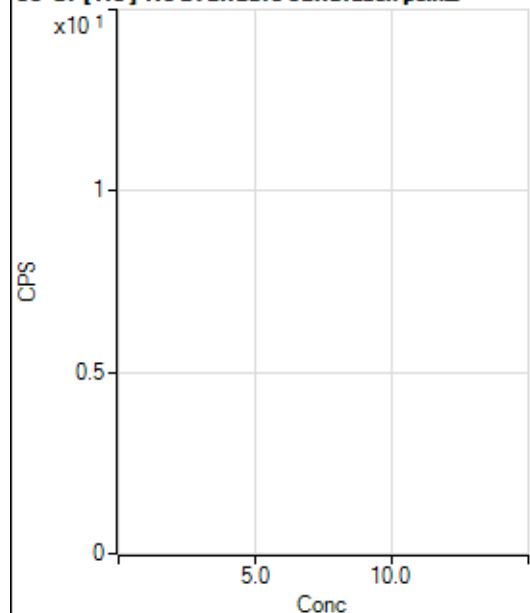
Weight: <None>

Min Conc: 0

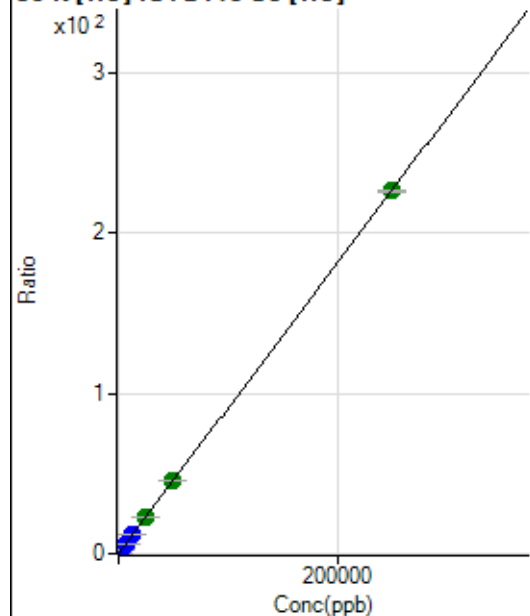
35 Cl [No Gas] No available calibration points



	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	34878.18	0.1167	P	8.8
2	☐	500.000	511.683	173485.57	0.5793	P	1.4
3	☐	2500.000	2762.831	759907.62	2.6145	P	0.6
4	☐	6250.000	6819.496	1750997.56	6.2820	P	0.8
5	☐	12500.000	13359.429	3140616.33	12.1946	P	0.8
6	☐	25000.000	24513.259	5332964.35	22.2785	A	0.6
7	☐	50000.000	49933.510	10457037.12	45.2603	A	0.4
8	☐	250000.00	250002.11	56995373.50	226.1371	A	0.7

$$y = 9.0407\text{E-}004 * x + 0.1167$$

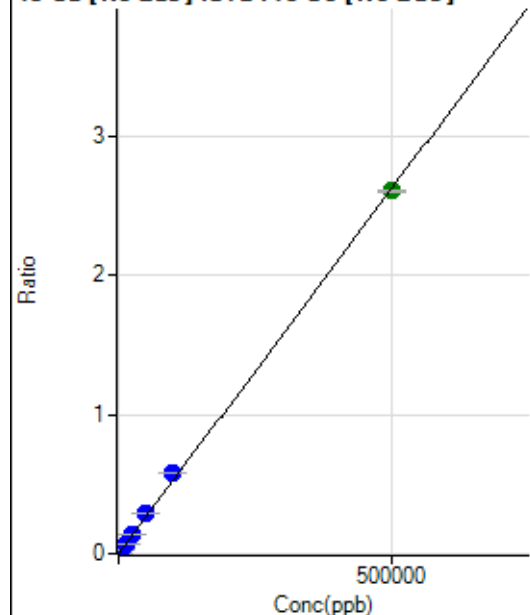
$$R = 1.0000$$

$$DL = 33.95$$

$$BEC = 129$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	177.78	0.0000	P	31.1
2	☐	500.000	524.159	11251.75	0.0028	P	3.7
3	☐	5000.000	5557.973	116499.27	0.0292	P	1.5
4	☐	12500.000	13685.195	275016.97	0.0718	P	0.8
5	☐	25000.000	27117.344	516272.00	0.1423	P	0.7
6	☐	50000.000	54377.510	924564.47	0.2853	P	0.4
7	☐	100000.00	110372.08	1782411.46	0.5791	P	0.2
8	☐	500000.00	497346.73	8306965.12	2.6093	A	0.8

$$y = 5.2463\text{E-}006 * x + 4.4383\text{E-}005$$

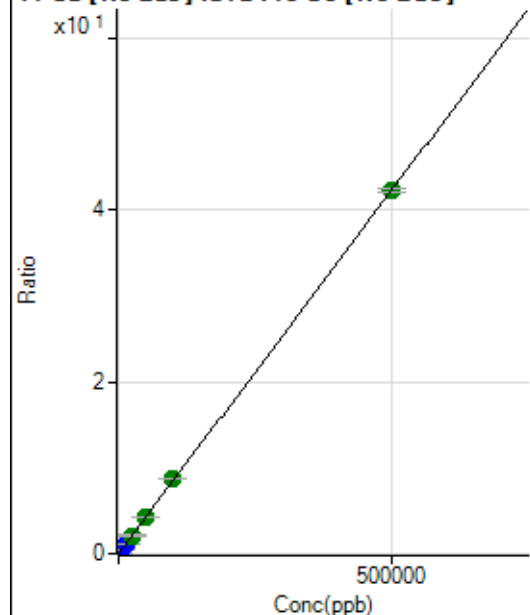
$$R = 0.9998$$

$$DL = 7.885$$

$$BEC = 8.46$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6896.24	0.0017	P	3.6
2	☐	500.000	522.524	184612.72	0.0458	P	0.3
3	☐	5000.000	5448.988	1842458.85	0.4619	P	1.2
4	☐	12500.000	13492.441	4368268.46	1.1411	P	0.2
5	☐	25000.000	25036.589	7675974.82	2.1159	A	1.0
6	☐	50000.000	49787.164	13628923.74	4.2059	A	0.3
7	☐	100000.00	102196.42	26567613.44	8.6315	A	0.3
8	☐	500000.00	499550.84	134295664.1	42.1855	A	1.2

$$y = 8.4443\text{E-}005 * x + 0.0017$$

$$R = 1.0000$$

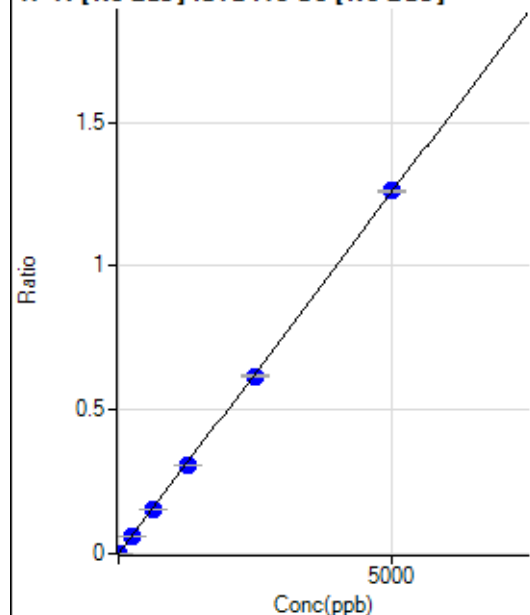
$$DL = 2.231$$

$$BEC = 20.39$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	61.11	0.0000	P	31.3
2	☐	5.000	4.864	4975.97	0.0012	P	3.9
3	☐	250.000	250.753	251026.17	0.0629	P	0.6
4	☐	625.000	621.631	597073.28	0.1560	P	0.6
5	☐	1250.000	1231.720	1121086.44	0.3090	P	0.9
6	☐	2500.000	2460.400	2000202.22	0.6173	P	0.5
7	☐	5000.000	5024.754	3880053.08	1.2606	P	0.4
8	☐			797.27	0.0003	P	1.9

$$y = 2.5088\text{E-}004 * x + 1.5255\text{E-}005$$

$$R = 0.9999$$

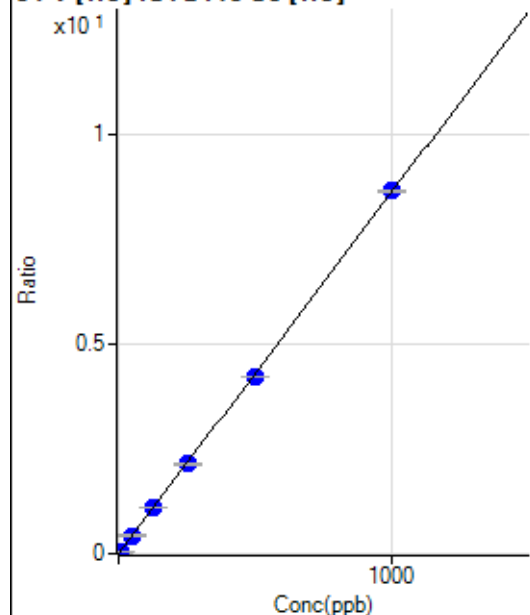
$$DL = 0.05713$$

$$BEC = 0.06081$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.2
2	☐	5.000	5.021	12959.10	0.0433	P	1.4
3	☐	50.000	50.517	126531.91	0.4353	P	0.3
4	☐	125.000	125.658	301834.53	1.0829	P	0.7
5	☐	250.000	248.758	552071.46	2.1437	P	1.3
6	☐	500.000	491.479	1013854.46	4.2354	P	0.4
7	☐	1000.000	1004.463	1999936.20	8.6561	P	0.7
8	☐			214.45	0.0008	P	26.4

$$y = 0.0086 * x + 3.6416\text{E-}006$$

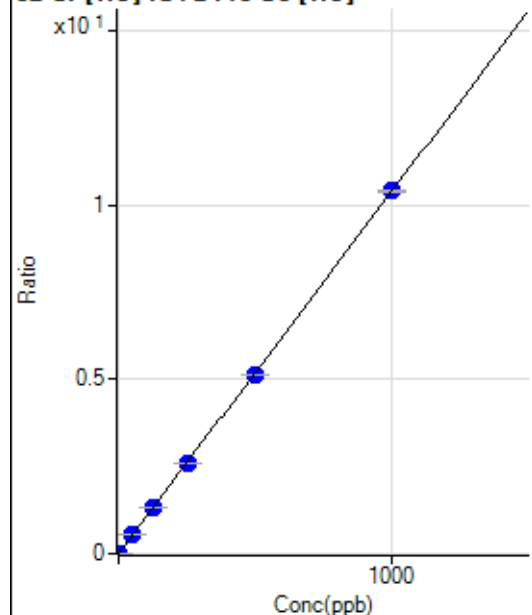
$$R = 0.9999$$

$$DL = 0.002196$$

$$BEC = 0.0004226$$

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	747.81	0.0025	P	4.8
2	☐	2.000	2.034	7066.20	0.0236	P	3.4
3	☐	50.000	50.894	154136.14	0.5303	P	0.4
4	☐	125.000	126.749	367073.98	1.3169	P	0.8
5	☐	250.000	249.744	667655.15	2.5924	P	0.4
6	☐	500.000	494.555	1228292.13	5.1312	P	0.2
7	☐	1000.000	1002.523	2402617.65	10.3991	P	0.3
8	☐			8797.14	0.0349	P	1.6

$$y = 0.0104 * x + 0.0025$$

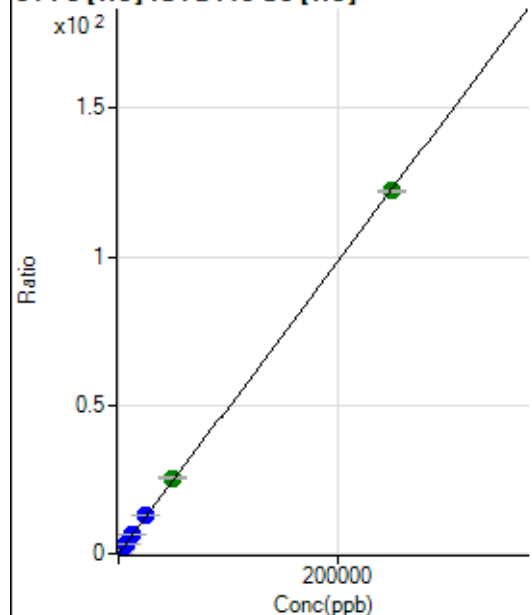
$$R = 1.0000$$

$$DL = 0.03445$$

$$BEC = 0.2413$$

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	800.85	0.0027	P	14.3
2	☐	50.000	54.921	8865.14	0.0296	P	4.0
3	☐	2500.000	2737.980	390826.55	1.3446	P	0.5
4	☐	6250.000	6871.740	939503.46	3.3706	P	1.6
5	☐	12500.000	13550.574	1711043.53	6.6440	P	0.7
6	☐	25000.000	26853.405	3151102.97	13.1639	P	0.4
7	☐	50000.000	52101.798	5900243.26	25.5384	A	1.1
8	☐	250000.00	249323.84	30796440.78	122.1992	A	0.5

$$y = 4.9011E-004 * x + 0.0027$$

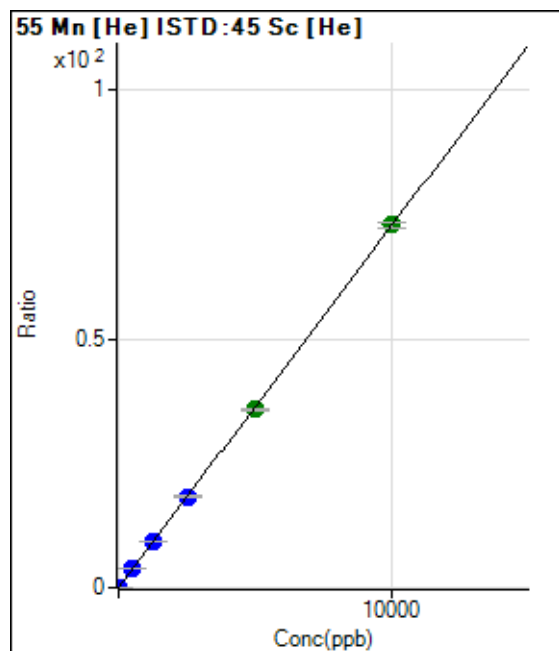
$$R = 0.9999$$

$$DL = 2.35$$

$$BEC = 5.477$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	107.78	0.0004	P	12.2
2	☐	1.000	1.047	2384.66	0.0080	P	2.0
3	☐	500.000	506.995	1070296.18	3.6825	P	0.5
4	☐	1250.000	1265.238	2561356.02	9.1893	P	0.1
5	☐	2500.000	2515.730	4705423.13	18.2712	P	0.8
6	☐	5000.000	4925.581	8563114.60	35.7731	A	0.9
7	☐	10000.000	10031.023	16831237.25	72.8521	A	1.3
8	☐			17086.66	0.0678	P	1.0

$$y = 0.0073 * x + 3.6038E-004$$

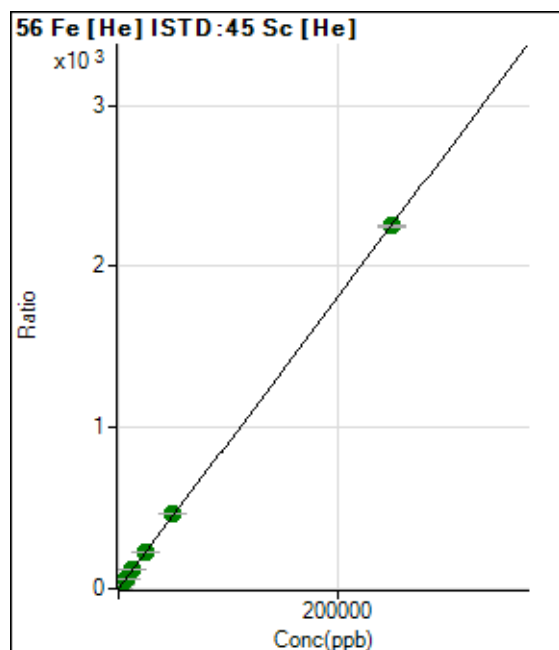
$$R = 1.0000$$

$$DL = 0.01815$$

$$BEC = 0.04962$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4400.74	0.0147	P	2.3
2	☐	50.000	53.552	149066.55	0.4977	P	0.7
3	☐	2500.000	2568.223	6736459.00	23.1779	A	1.5
4	☐	6250.000	6385.162	16055937.40	57.6034	A	0.6
5	☐	12500.000	12725.571	29561319.64	114.7885	A	1.1
6	☐	25000.000	25288.513	54600941.96	228.0955	A	0.7
7	☐	50000.000	51530.434	107380874.6	464.7753	A	0.7
8	☐	250000.00	249649.72	567501201.5	2,251.642	A	0.3

$$y = 0.0090 * x + 0.0147$$

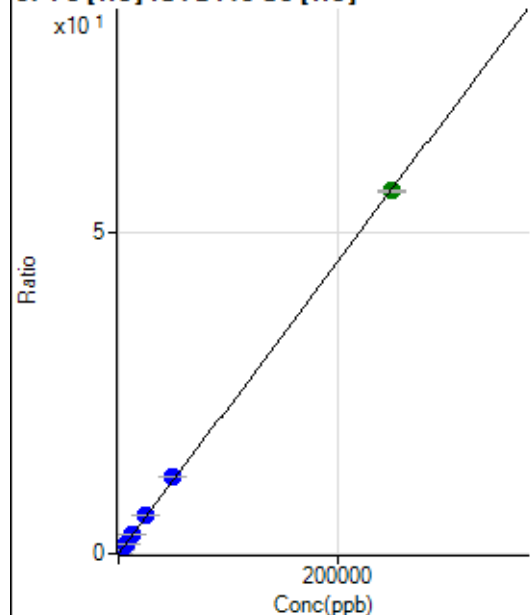
$$R = 1.0000$$

$$DL = 0.114$$

$$BEC = 1.634$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	212.97	0.0007	P	14.3
2	☐	50.000	52.905	3802.41	0.0127	P	4.4
3	☐	2500.000	2657.460	175151.92	0.6026	P	1.6
4	☐	6250.000	6623.812	418391.00	1.5010	P	0.8
5	☐	12500.000	13229.692	771915.30	2.9973	P	0.8
6	☐	25000.000	26021.592	1411067.64	5.8948	P	0.8
7	☐	50000.000	52912.975	2769184.70	11.9858	P	0.9
8	☐	250000.00	249267.84	14229136.43	56.4615	A	0.8

$$y = 2.2651\text{E-}004 * x + 7.1272\text{E-}004$$

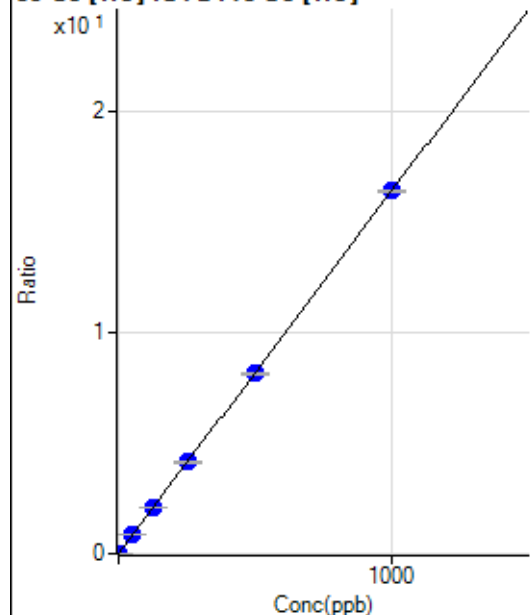
$$R = 0.9999$$

$$DL = 1.353$$

$$BEC = 3.147$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	42.22	0.0001	P	30.1
2	☐	1.000	1.028	5085.37	0.0170	P	2.2
3	☐	50.000	51.499	245147.27	0.8435	P	1.3
4	☐	125.000	128.537	586742.55	2.1050	P	0.7
5	☐	250.000	252.039	1063005.01	4.1275	P	0.5
6	☐	500.000	496.253	1945339.38	8.1267	P	0.2
7	☐	1000.000	1000.847	3786713.38	16.3899	P	0.8
8	☐			10128.02	0.0402	P	2.5

$$y = 0.0164 * x + 1.4088\text{E-}004$$

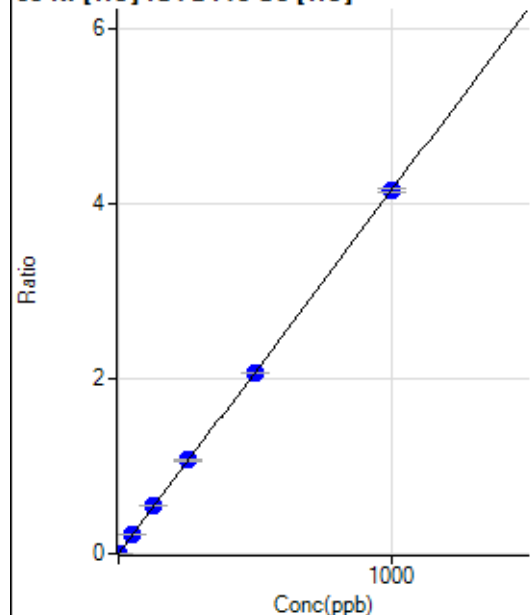
$$R = 1.0000$$

$$DL = 0.007761$$

$$BEC = 0.008603$$

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	352.23	0.0012	P	23.8
2	☐	1.000	1.041	1646.78	0.0055	P	3.3
3	☐	50.000	53.369	64726.13	0.2227	P	1.7
4	☐	125.000	130.416	151220.89	0.5425	P	0.8
5	☐	250.000	256.939	274983.37	1.0677	P	0.5
6	☐	500.000	498.028	495148.65	2.0685	P	0.6
7	☐	1000.000	998.406	957778.66	4.1455	P	0.9
8	☐			4441.83	0.0176	P	2.8

$$y = 0.0042 * x + 0.0012$$

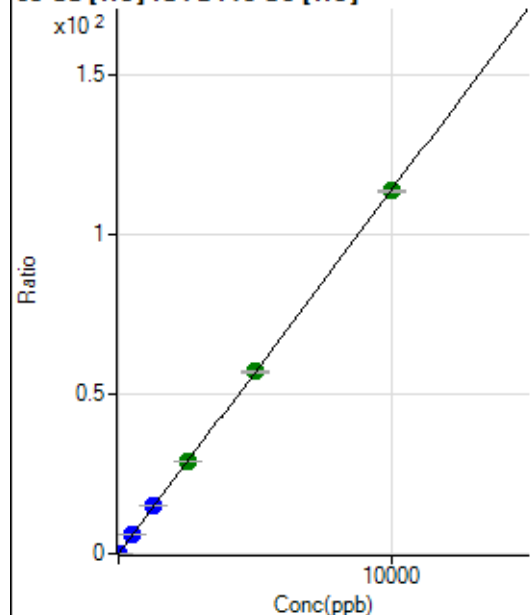
$$R = 1.0000$$

$$DL = 0.2019$$

$$BEC = 0.2833$$

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	910.04	0.0030	P	4.4
2	☐	2.000	1.985	7690.97	0.0257	P	4.4
3	☐	500.000	530.969	1760376.55	6.0567	P	1.2
4	☐	1250.000	1309.596	4162561.74	14.9339	P	0.4
5	☐	2500.000	2543.318	7468472.04	28.9998	A	1.2
6	☐	5000.000	4999.973	13646528.82	57.0084	A	0.9
7	☐	10000.000	9980.186	26290126.28	113.7885	A	0.5
8	☐			7178.49	0.0285	P	1.5

$$y = 0.0114 * x + 0.0030$$

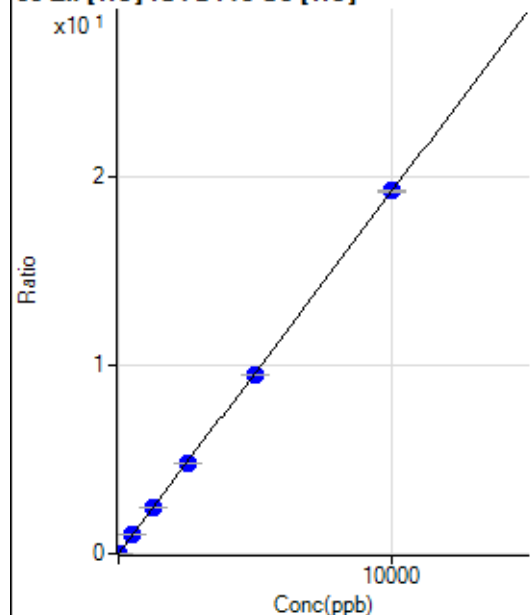
$$R = 1.0000$$

$$DL = 0.03547$$

$$BEC = 0.2673$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	565.57	0.0019	P	8.7
2	☐	2.000	2.440	1972.38	0.0066	P	3.3
3	☐	500.000	513.739	287556.69	0.9894	P	0.9
4	☐	1250.000	1270.143	681036.75	2.4433	P	0.6
5	☐	2500.000	2508.916	1242468.88	4.8245	P	0.9
6	☐	5000.000	4948.616	2277416.27	9.5140	P	0.6
7	☐	10000.000	10020.258	4450417.50	19.2627	P	0.8
8	☐			8312.43	0.0330	P	0.9

$$y = 0.0019 * x + 0.0019$$

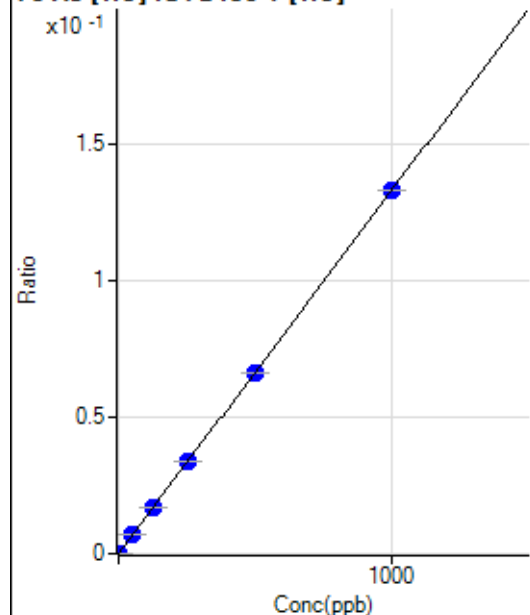
$$R = 1.0000$$

$$DL = 0.2565$$

$$BEC = 0.986$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6.79	0.0000	P	32.5
2	☐	1.000	1.007	338.89	0.0001	P	3.8
3	☐	50.000	52.540	16713.95	0.0070	P	0.8
4	☐	125.000	128.727	39816.57	0.0171	P	0.6
5	☐	250.000	253.812	73127.26	0.0338	P	0.8
6	☐	500.000	497.813	134472.74	0.0663	P	0.8
7	☐	1000.000	999.548	263957.56	0.1330	P	0.1
8	☐			107.41	0.0001	P	16.7

$$y = 1.3309E-004 * x + 2.7606E-006$$

$$R = 1.0000$$

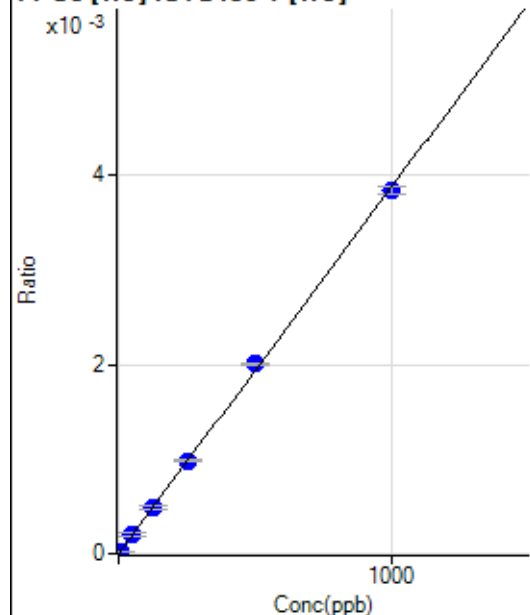
$$DL = 0.0202$$

$$BEC = 0.02074$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	4.398	42.22	0.0000	P	38.9
3	☐	50.000	52.125	482.23	0.0002	P	11.4
4	☐	125.000	124.645	1122.28	0.0005	P	9.2
5	☐	250.000	253.771	2127.96	0.0010	P	3.5
6	☐	500.000	518.499	4077.28	0.0020	P	0.9
7	☐	1000.000	989.749	7608.73	0.0038	P	2.0
8	☐			3.33	0.0000	P	100.8

$$y = 3.8746\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9997$$

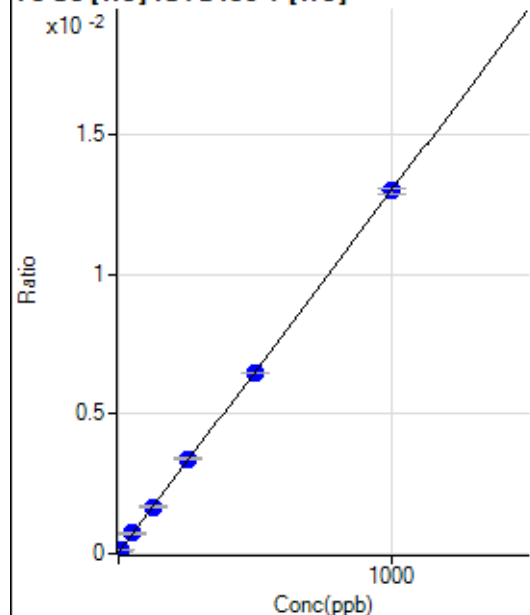
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	100.62	0.0000	P	11.2
2	☐	5.000	5.487	277.16	0.0001	P	7.0
3	☐	50.000	52.816	1732.83	0.0007	P	3.4
4	☐	125.000	126.096	3892.52	0.0017	P	2.1
5	☐	250.000	258.936	7353.74	0.0034	P	0.9
6	☐	500.000	496.663	13150.43	0.0065	P	0.5
7	☐	1000.000	999.154	25779.65	0.0130	P	1.7
8	☐			77.78	0.0000	P	7.3

$$y = 1.2963\text{E-}005 * x + 4.0751\text{E-}005$$

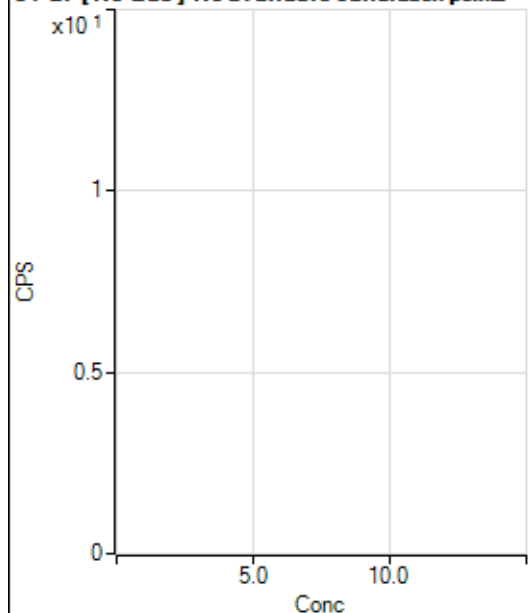
$$R = 0.9999$$

$$DL = 1.061$$

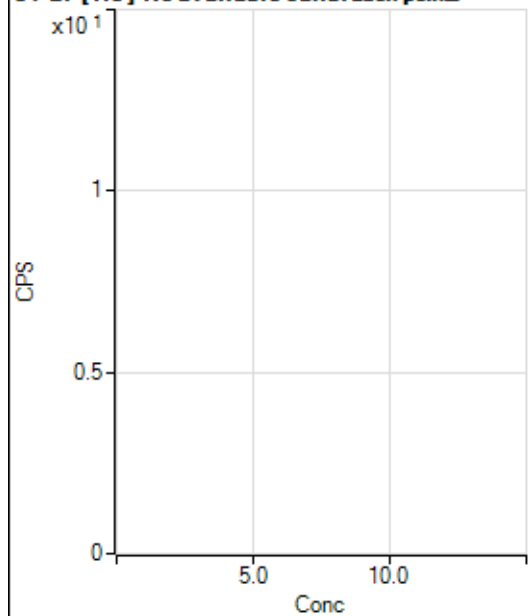
$$BEC = 3.144$$

Weight: <None>

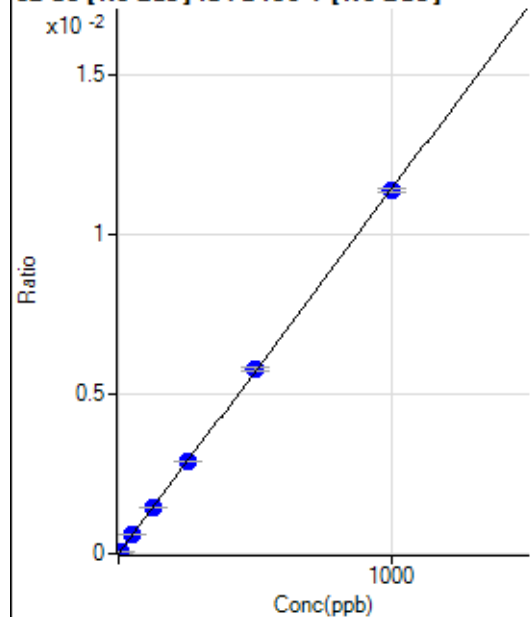
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6340.46		P	5.7
2	☐			6157.04		P	3.4
3	☐			6007.00		P	3.1
4	☐			5895.78		P	3.8
5	☐			5498.43		P	5.7
6	☐			4828.71		P	8.8
7	☐			4781.49		P	3.7
8	☐			4356.31		P	2.4

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			53.39		P	54.1
2	☐			40.04		P	50.0
3	☐			33.37		P	34.6
4	☐			33.37		P	17.3
5	☐			36.70		P	41.7
6	☐			30.03		P	57.7
7	☐			50.05		P	34.6
8	☐			80.08		P	37.5

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	20.08	0.0000	P	365.9
2	☐	5.000	5.051	657.08	0.0001	P	13.9
3	☐	50.000	51.281	6481.91	0.0006	P	1.4
4	☐	125.000	128.361	15617.49	0.0015	P	0.5
5	☐	250.000	252.044	29557.31	0.0029	P	1.3
6	☐	500.000	507.745	54190.11	0.0058	P	1.9
7	☐	1000.000	995.132	103434.26	0.0113	P	1.0
8	☐			-19.39	0.0000	P	-357.

$$y = 1.1398\text{E-}005 * x + 1.8497\text{E-}006$$

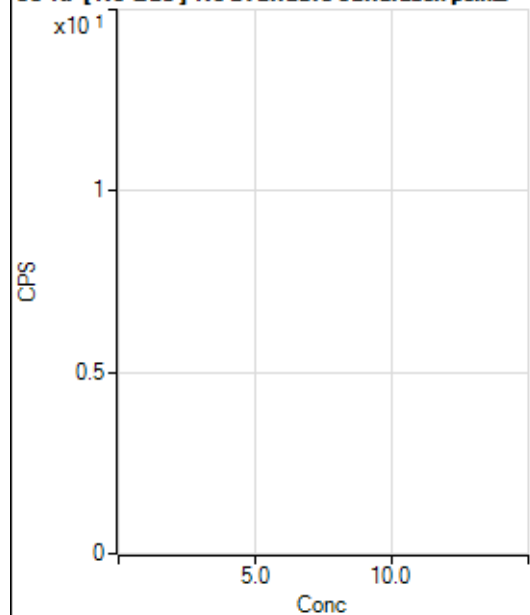
$$R = 1.0000$$

$$DL = 1.781$$

$$BEC = 0.1623$$

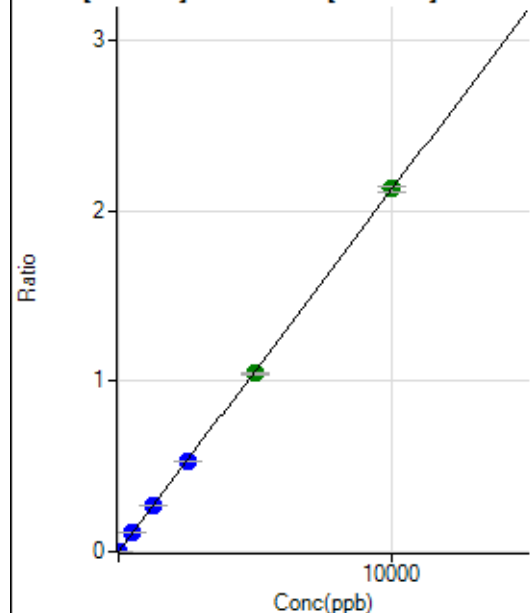
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			617.79		P	5.9
2	☐			591.13		P	9.4
3	☐			628.91		P	8.2
4	☐			642.24		P	5.2
5	☐			608.91		P	3.5
6	☐			450.01		P	3.4
7	☐			436.68		P	9.9
8	☐			570.02		P	8.6

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1138.96	0.0001	P	2.7
2	☐	1.000	1.005	3500.52	0.0003	P	8.0
3	☐	500.000	507.467	1192210.77	0.1078	P	1.0
4	☐	1250.000	1271.113	2878215.54	0.2700	P	0.7
5	☐	2500.000	2503.413	5465993.57	0.5316	P	1.4
6	☐	5000.000	4930.784	9799822.53	1.0470	A	0.7
7	☐	10000.000	10030.742	19418764.15	2.1298	A	1.4
8	☐			8686.18	0.0009	P	1.2

$$y = 2.1231\text{E-}004 * x + 1.0362\text{E-}004$$

$$R = 1.0000$$

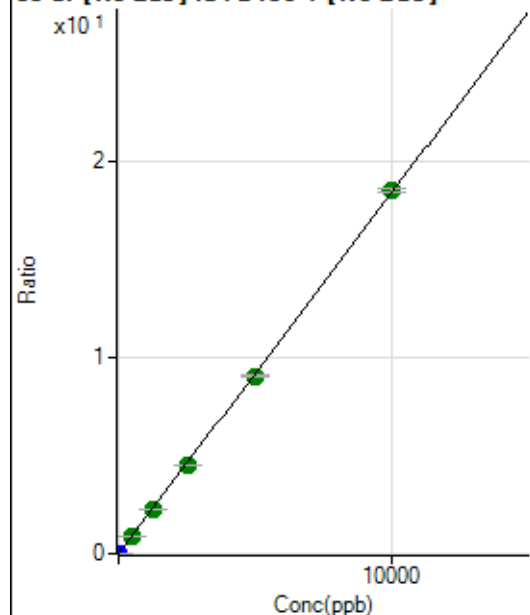
$$DL = 0.03993$$

$$BEC = 0.488$$

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	202.78	0.0000	P	30.3
2	☐	1.000	1.100	22590.42	0.0020	P	4.0
3	☐	500.000	498.047	10148021.24	0.9179	A	0.2
4	☐	1250.000	1247.562	24512990.82	2.2993	A	0.7
5	☐	2500.000	2456.964	46559030.21	4.5283	A	1.6
6	☐	5000.000	4919.112	84860024.81	9.0661	A	0.6
7	☐	10000.000	10051.605	168907063.5	18.5254	A	1.0
8	☐			68357.15	0.0073	P	1.3

$$y = 0.0018 * x + 1.8400\text{E-}005$$

$$R = 0.9999$$

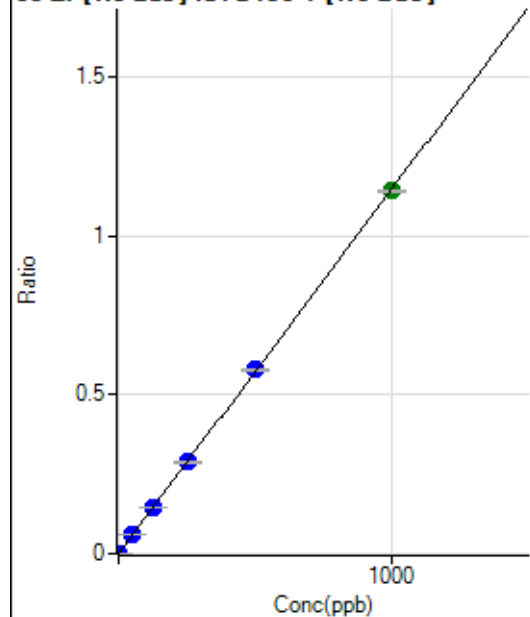
$$DL = 0.009083$$

$$BEC = 0.009984$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	550.03	0.0001	P	12.5
2	☐	1.000	0.967	12792.15	0.0012	P	3.5
3	☐	50.000	51.351	650729.16	0.0589	P	0.5
4	☐	125.000	127.574	1558226.23	0.1462	P	0.5
5	☐	250.000	252.918	2978721.16	0.2897	P	1.8
6	☐	500.000	505.420	5418530.29	0.5789	P	1.4
7	☐	1000.000	996.171	10403088.77	1.1410	A	0.5
8	☐			3189.32	0.0003	P	6.6

$$y = 0.0011 * x + 5.0050E-005$$

$$R = 1.0000$$

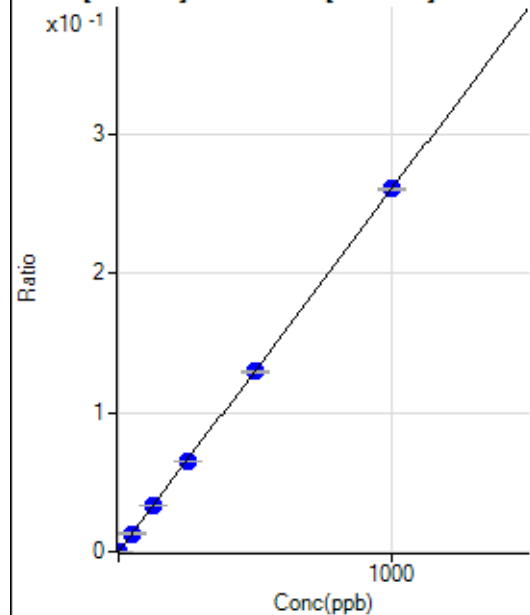
$$DL = 0.01636$$

$$BEC = 0.0437$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	127.78	0.0000	P	23.6
2	☐	1.000	0.948	2855.91	0.0003	P	4.1
3	☐	50.000	50.329	145004.87	0.0131	P	1.4
4	☐	125.000	126.272	350659.95	0.0329	P	1.0
5	☐	250.000	248.688	665927.13	0.0648	P	1.5
6	☐	500.000	497.774	1213315.46	0.1296	P	0.7
7	☐	1000.000	1001.266	2377267.33	0.2607	P	0.4
8	☐			613.92	0.0001	P	16.0

$$y = 2.6039E-004 * x + 1.1633E-005$$

$$R = 1.0000$$

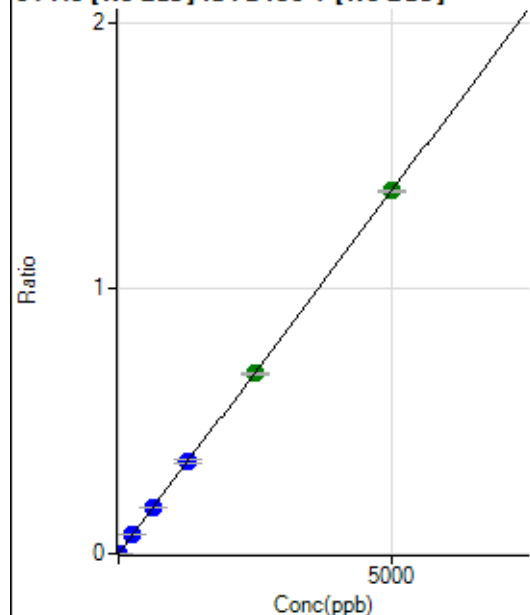
$$DL = 0.03167$$

$$BEC = 0.04468$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	208.34	0.0000	P	11.0
2	☐	5.000	5.017	15347.49	0.0014	P	2.5
3	☐	250.000	256.476	774679.74	0.0701	P	0.6
4	☐	625.000	640.581	1865569.05	0.1750	P	0.8
5	☐	1250.000	1270.680	3568530.16	0.3471	P	2.3
6	☐	2500.000	2484.787	6352666.20	0.6787	A	1.5
7	☐	5000.000	5000.165	12453104.19	1.3658	A	0.3
8	☐			3383.83	0.0004	P	12.1

$$y = 2.7315E-004 * x + 1.8957E-005$$

$$R = 1.0000$$

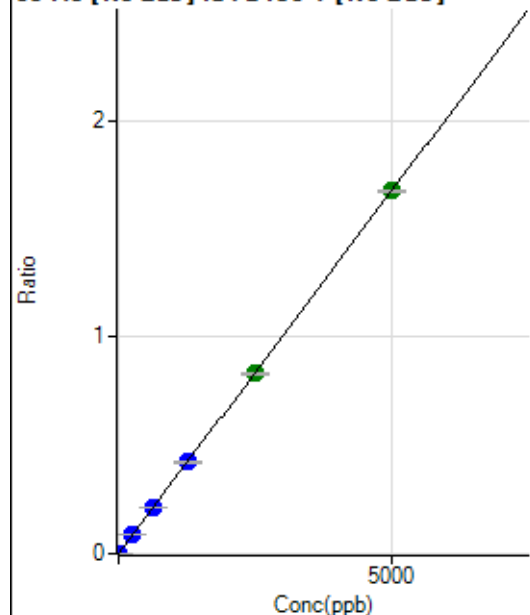
$$DL = 0.023$$

$$BEC = 0.0694$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	27.78	0.0000	P	44.6
2	☐	5.000	5.177	19171.62	0.0017	P	2.1
3	☐	250.000	255.325	944886.13	0.0855	P	0.7
4	☐	625.000	641.014	2287603.33	0.2146	P	0.6
5	☐	1250.000	1265.481	4355448.75	0.4236	P	1.6
6	☐	2500.000	2483.860	7782548.35	0.8315	A	0.7
7	☐	5000.000	5001.932	15266498.08	1.6744	A	0.4
8	☐			3989.55	0.0004	P	3.2

$$y = 3.3474E-004 * x + 2.5172E-006$$

$$R = 1.0000$$

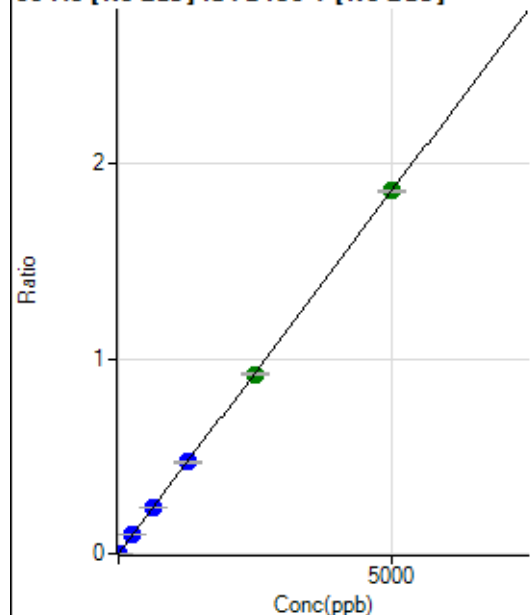
$$DL = 0.01005$$

$$BEC = 0.00752$$

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	58.33	0.0000	P	27.4
2	☐	5.000	5.233	21533.33	0.0019	P	2.1
3	☐	250.000	255.402	1049048.69	0.0949	P	0.4
4	☐	625.000	642.708	2545705.89	0.2388	P	0.3
5	☐	1250.000	1267.898	4843221.07	0.4711	P	1.7
6	☐	2500.000	2477.795	8616403.75	0.9206	A	1.0
7	☐	5000.000	5004.144	16951506.28	1.8592	A	0.3
8	☐			5270.57	0.0006	P	5.5

$$y = 3.7152E-004 * x + 5.2936E-006$$

$$R = 1.0000$$

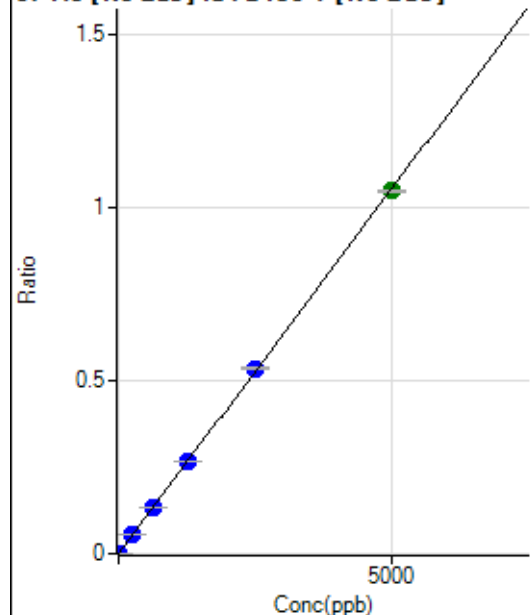
$$DL = 0.01169$$

$$BEC = 0.01425$$

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	11.11	0.0000	P	42.0
2	☐	5.000	4.918	11446.52	0.0010	P	0.2
3	☐	250.000	254.385	591828.43	0.0535	P	0.9
4	☐	625.000	641.977	1440316.97	0.1351	P	0.5
5	☐	1250.000	1263.019	2732840.62	0.2658	P	1.6
6	☐	2500.000	2536.793	4996882.62	0.5339	P	1.0
7	☐	5000.000	4976.007	9547842.92	1.0472	A	0.8
8	☐			2536.42	0.0003	P	2.8

$$y = 2.1045E-004 * x + 1.0072E-006$$

$$R = 1.0000$$

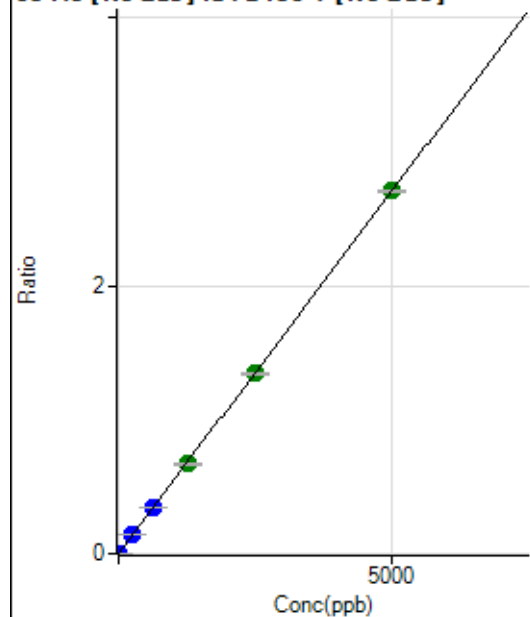
$$DL = 0.006031$$

$$BEC = 0.004786$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	30.56	0.0000	P	32.6
2	☐	5.000	5.114	30555.67	0.0028	P	1.5
3	☐	250.000	255.970	1528766.23	0.1383	P	0.3
4	☐	625.000	644.925	3714432.59	0.3484	P	0.6
5	☐	1250.000	1234.964	6859728.80	0.6672	A	1.6
6	☐	2500.000	2482.870	12554483.70	1.3413	A	1.2
7	☐	5000.000	5009.534	24675360.27	2.7063	A	0.8
8	☐			6284.88	0.0007	P	7.1

$$y = 5.4023\text{E-}004 * x + 2.7853\text{E-}006$$

$$R = 1.0000$$

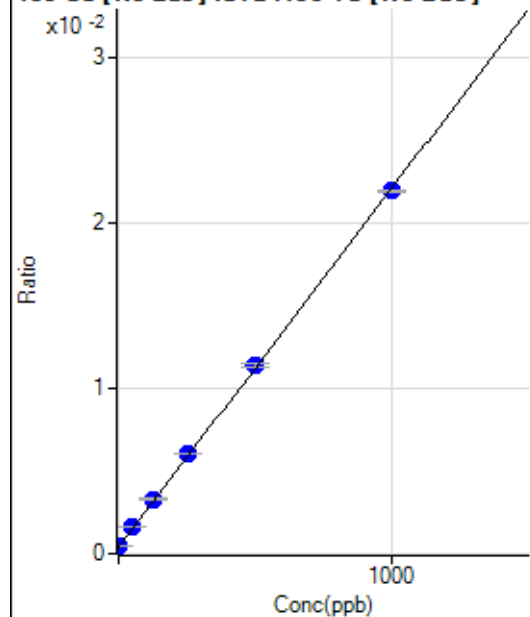
$$DL = 0.005043$$

$$BEC = 0.005156$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4134.04	0.0004	P	1.8
2	☐	1.000	2.581	4784.28	0.0005	P	9.9
3	☐	50.000	55.901	16134.58	0.0016	P	3.6
4	☐	125.000	133.094	32281.63	0.0033	P	2.2
5	☐	250.000	259.598	57912.70	0.0061	P	0.6
6	☐	500.000	506.550	103410.95	0.0114	P	1.8
7	☐	1000.000	993.017	196217.77	0.0219	P	0.9
8	☐			3742.27	0.0004	P	6.5

$$y = 2.1659\text{E-}005 * x + 4.2821\text{E-}004$$

$$R = 0.9999$$

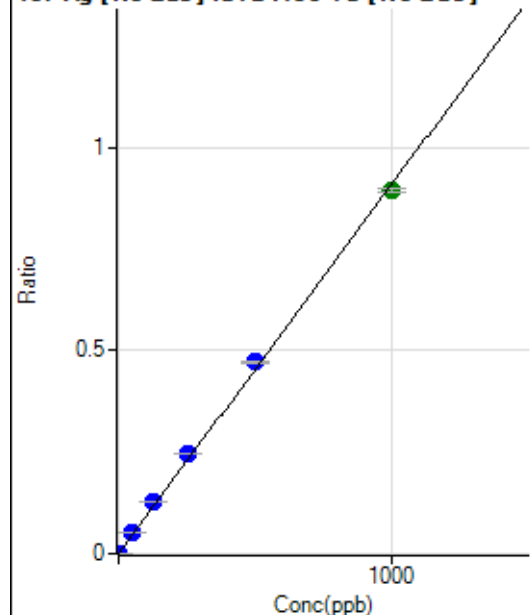
$$DL = 1.093$$

$$BEC = 19.77$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	197.23	0.0000	P	48.9
2	☐	1.000	1.098	10073.29	0.0010	P	4.4
3	☐	50.000	57.089	511021.36	0.0519	P	0.3
4	☐	125.000	140.252	1243231.08	0.1275	P	1.6
5	☐	250.000	270.347	2352204.31	0.2458	P	0.7
6	☐	500.000	518.980	4279317.89	0.4718	P	0.7
7	☐	1000.000	983.162	7993988.72	0.8937	A	1.1
8	☐			2027.98	0.0002	P	6.0

$$y = 9.0899\text{E-}004 * x + 2.0380\text{E-}005$$

$$R = 0.9994$$

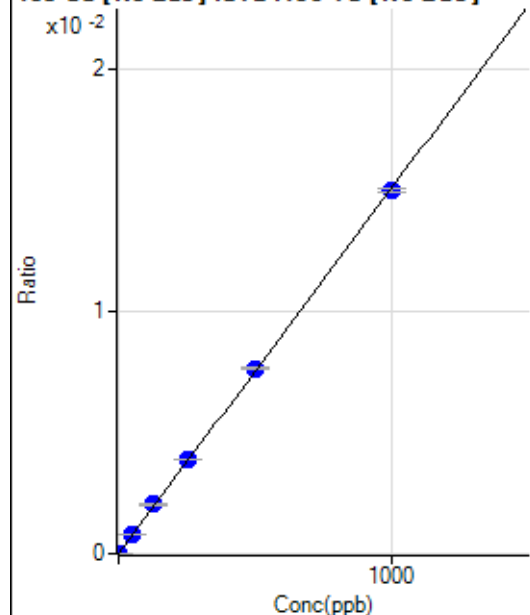
$$DL = 0.03286$$

$$BEC = 0.02242$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	20.83	0.0000	P	1.1
2	☐	1.000	1.135	190.28	0.0000	P	14.8
3	☐	50.000	53.344	7928.69	0.0008	P	1.6
4	☐	125.000	134.223	19729.11	0.0020	P	1.2
5	☐	250.000	257.782	37174.93	0.0039	P	0.5
6	☐	500.000	507.197	69296.92	0.0076	P	1.1
7	☐	1000.000	993.135	133787.54	0.0150	P	1.1
8	☐			184.73	0.0000	P	2.7

$$y = 1.5058\text{E-}005 * x + 2.1576\text{E-}006$$

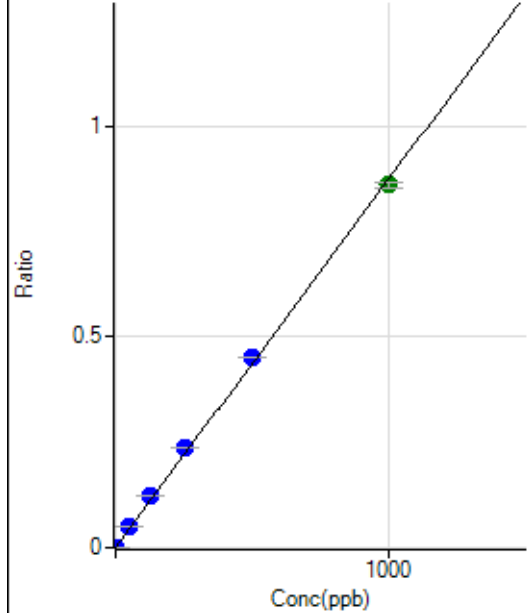
$$R = 0.9999$$

$$DL = 0.004806$$

$$BEC = 0.1433$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	186.12	0.0000	P	15.6
2	☐	1.000	1.117	9828.64	0.0010	P	5.1
3	☐	50.000	57.244	492171.40	0.0500	P	0.4
4	☐	125.000	139.026	1183740.54	0.1214	P	0.8
5	☐	250.000	270.148	2257594.15	0.2359	P	0.9
6	☐	500.000	515.849	4085485.07	0.4504	P	0.6
7	☐	1000.000	984.923	7691794.36	0.8599	A	1.5
8	☐			1975.20	0.0002	P	10.1

$$y = 8.7309\text{E-}004 * x + 1.9276\text{E-}005$$

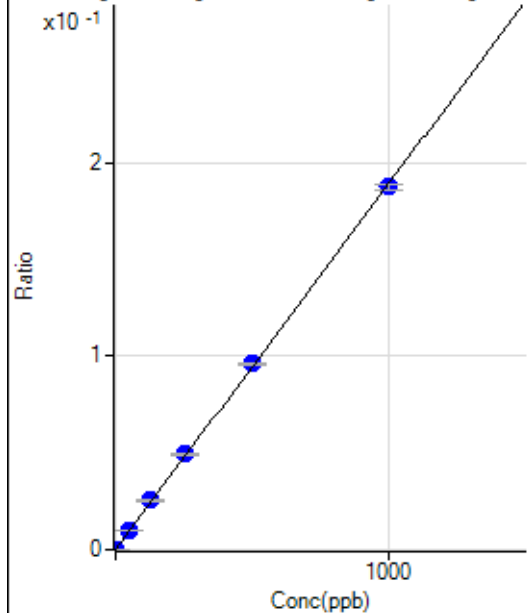
$$R = 0.9995$$

$$DL = 0.01031$$

$$BEC = 0.02208$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	833.07	0.0001	P	2.2
2	☐	1.000	1.256	3196.11	0.0003	P	4.5
3	☐	50.000	54.560	102224.62	0.0104	P	0.4
4	☐	125.000	134.348	248096.53	0.0254	P	1.3
5	☐	250.000	260.319	471088.42	0.0492	P	1.4
6	☐	500.000	507.673	870001.94	0.0959	P	0.2
7	☐	1000.000	992.187	1675907.57	0.1874	P	1.3
8	☐			1199.72	0.0001	P	11.3

$$y = 1.8875\text{E-}004 * x + 8.6287\text{E-}005$$

$$R = 0.9999$$

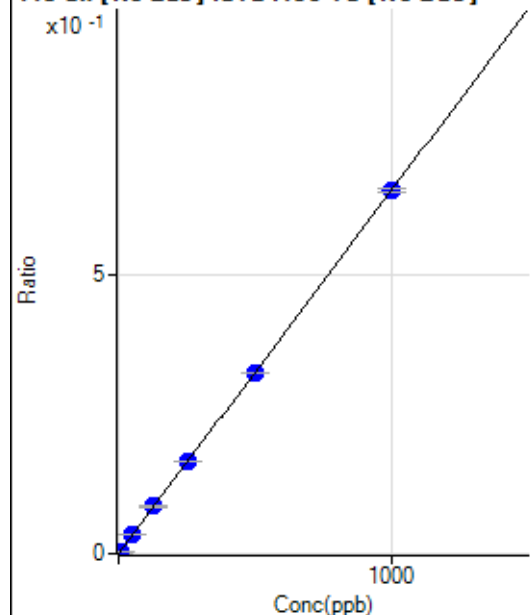
$$DL = 0.03043$$

$$BEC = 0.4571$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1038.96	0.0001	P	11.6
2	☐	5.000	5.050	33646.42	0.0034	P	2.2
3	☐	50.000	52.628	339164.25	0.0345	P	0.8
4	☐	125.000	129.752	826784.91	0.0848	P	0.9
5	☐	250.000	254.515	1590866.36	0.1662	P	1.0
6	☐	500.000	499.066	2955569.62	0.3258	P	0.2
7	☐	1000.000	998.613	5830835.59	0.6519	P	1.0
8	☐			2639.21	0.0003	P	6.2

$$y = 6.5267\text{E-}004 * x + 1.0752\text{E-}004$$

$$R = 1.0000$$

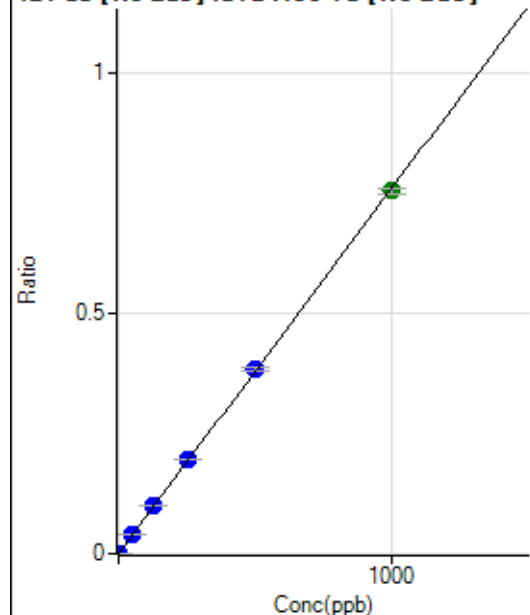
$$DL = 0.05727$$

$$BEC = 0.1647$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	108.34	0.0000	P	15.3
2	☐	2.000	2.021	15300.37	0.0015	P	0.4
3	☐	50.000	53.156	397735.39	0.0404	P	1.6
4	☐	125.000	132.193	979645.58	0.1005	P	1.7
5	☐	250.000	258.522	1880456.36	0.1965	P	1.3
6	☐	500.000	506.012	3488233.63	0.3846	P	1.3
7	☐	1000.000	993.807	6755565.69	0.7553	A	1.7
8	☐			3884.00	0.0004	P	4.2

$$y = 7.5998\text{E-}004 * x + 1.1222\text{E-}005$$

$$R = 0.9999$$

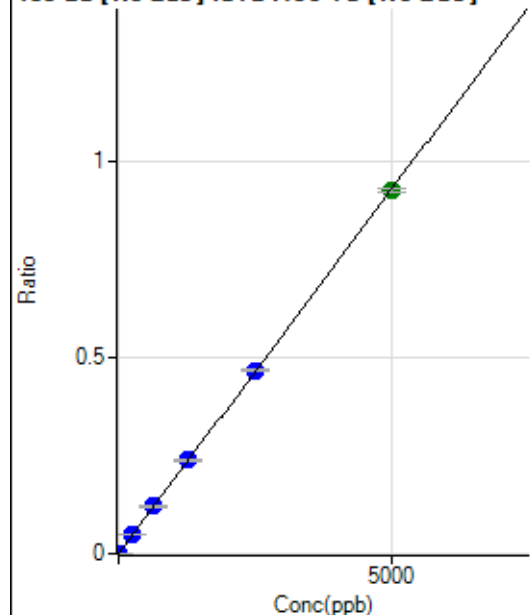
$$DL = 0.006792$$

$$BEC = 0.01477$$

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	27.78	0.0000	P	86.6
2	☐	10.000	10.550	19444.59	0.0020	P	0.7
3	☐	250.000	264.762	485115.19	0.0493	P	0.4
4	☐	625.000	648.331	1176610.69	0.1207	P	1.5
5	☐	1250.000	1283.537	2286500.31	0.2389	P	1.1
6	☐	2500.000	2516.361	4248437.73	0.4684	P	0.5
7	☐	5000.000	4979.780	8290749.14	0.9269	A	0.9
8	☐			3239.35	0.0004	P	1.4

$$y = 1.8613E-004 * x + 2.8866E-006$$

$$R = 1.0000$$

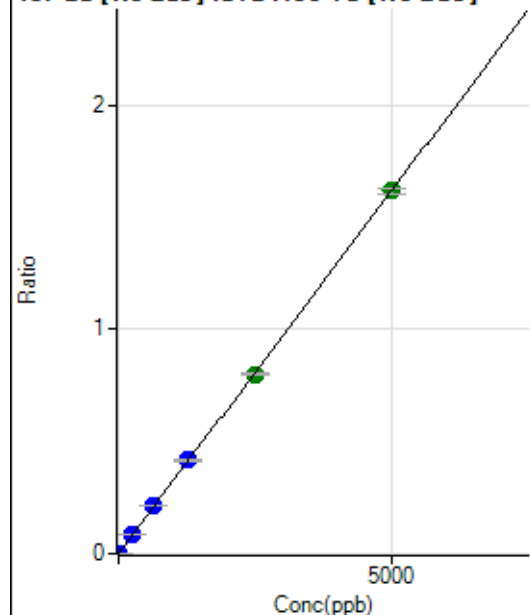
$$DL = 0.0403$$

$$BEC = 0.01551$$

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	44.45	0.0000	P	12.0
2	☐	10.000	10.427	33393.40	0.0034	P	0.9
3	☐	250.000	266.749	849434.88	0.0863	P	0.5
4	☐	625.000	652.819	2059163.98	0.2112	P	0.9
5	☐	1250.000	1287.627	3986470.71	0.4165	P	1.2
6	☐	2500.000	2472.375	7254596.78	0.7998	A	0.5
7	☐	5000.000	5000.090	14467649.11	1.6175	A	1.3
8	☐			5562.37	0.0006	P	3.5

$$y = 3.2348E-004 * x + 4.6075E-006$$

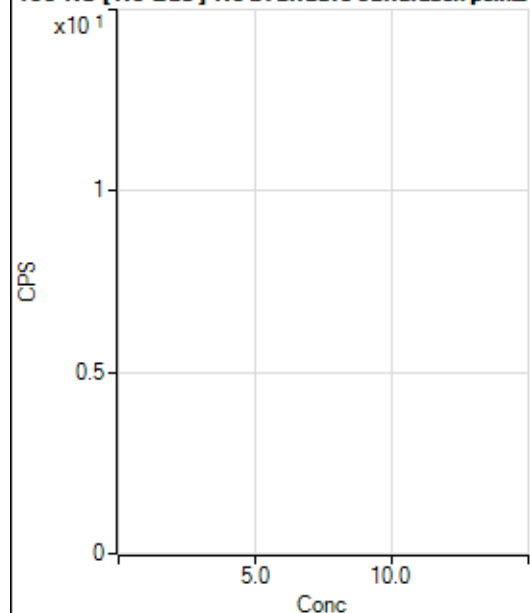
$$R = 0.9999$$

$$DL = 0.005127$$

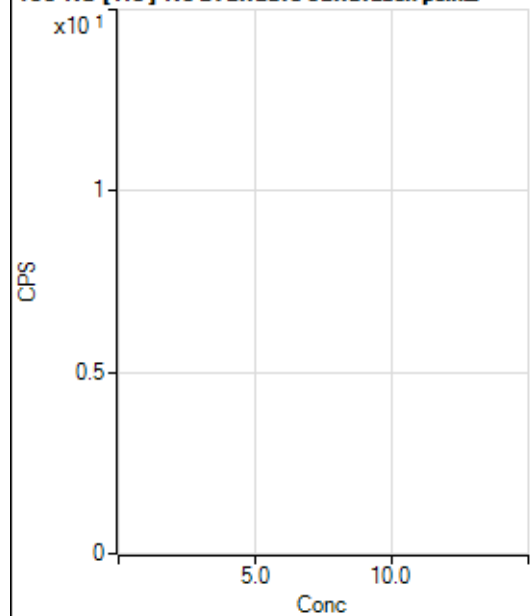
$$BEC = 0.01424$$

Weight: <None>

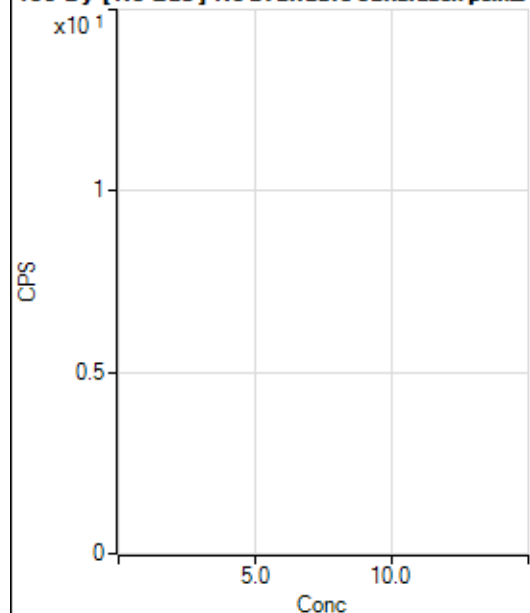
Min Conc: 0

150 Nd [No Gas] No available calibration points

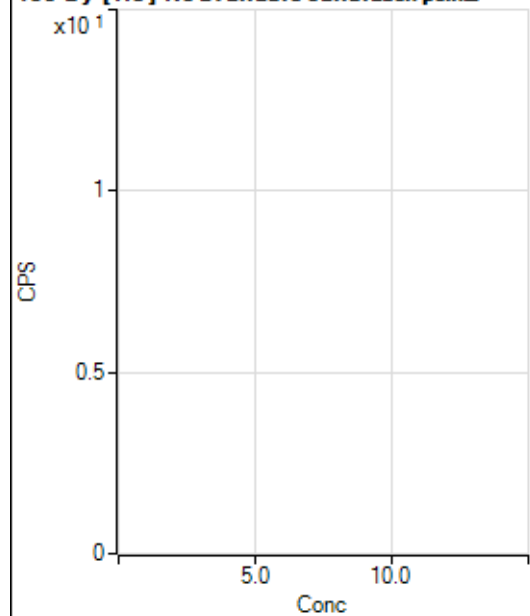
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	173.2
2	☐			6.67		P	173.2
3	☐			55.56		P	25.0
4	☐			113.34		P	35.3
5	☐			253.34		P	18.4
6	☐			437.79		P	32.6
7	☐			662.25		P	10.1
8	☐			37.78		P	27.0

150 Nd [He] No available calibration points

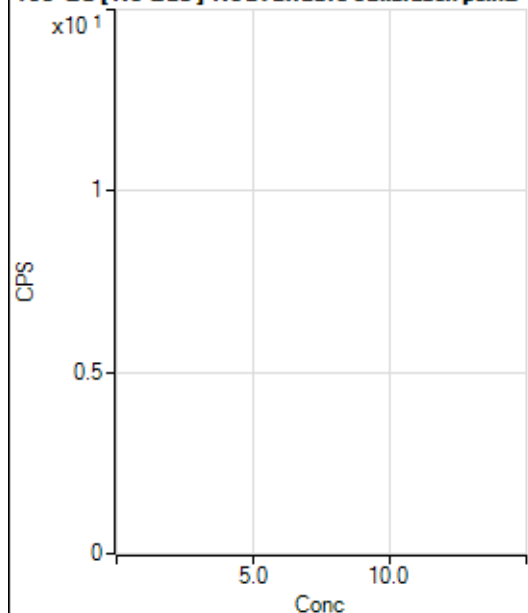
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐			0.00		P	
3	☐			13.34		P	43.3
4	☐			30.00		P	48.4
5	☐			74.45		P	18.1
6	☐			114.44		P	12.1
7	☐			95.56		P	2.0
8	☐			16.67		P	52.9

156 Dy [No Gas] No available calibration points

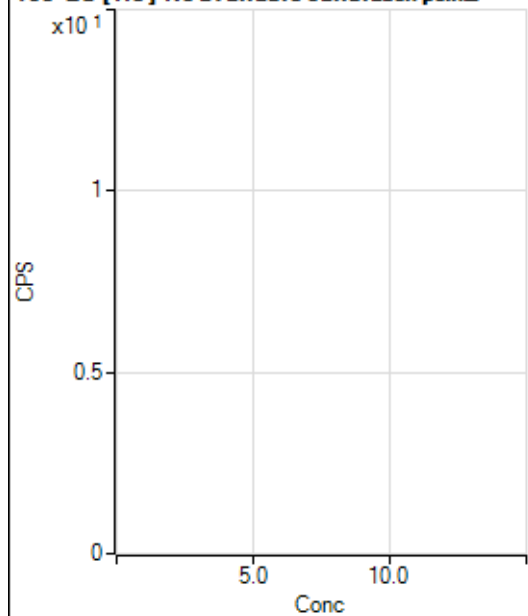
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	43.3
2	☐			8.33		P	100.0
3	☐			27.78		P	62.5
4	☐			83.34		P	10.0
5	☐			161.12		P	7.9
6	☐			286.12		P	8.9
7	☐			511.14		P	10.0
8	☐			1386.22		P	9.1

156 Dy [He] No available calibration points

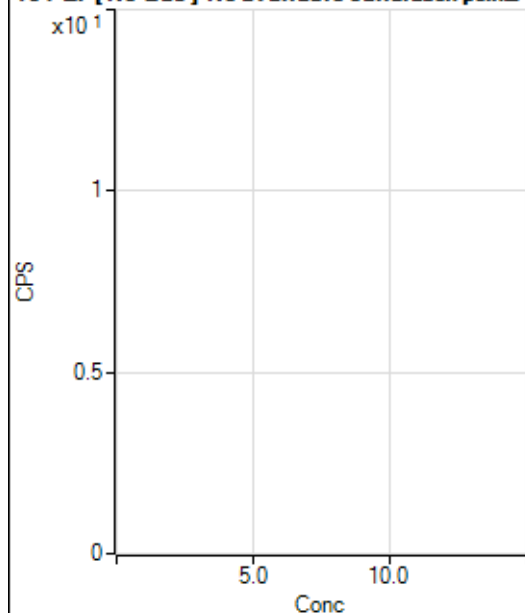
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.2
2	☐			2.22		P	173.2
3	☐			16.67		P	80.0
4	☐			63.33		P	50.2
5	☐			115.56		P	12.0
6	☐			203.34		P	13.1
7	☐			325.56		P	12.0
8	☐			891.15		P	13.5

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

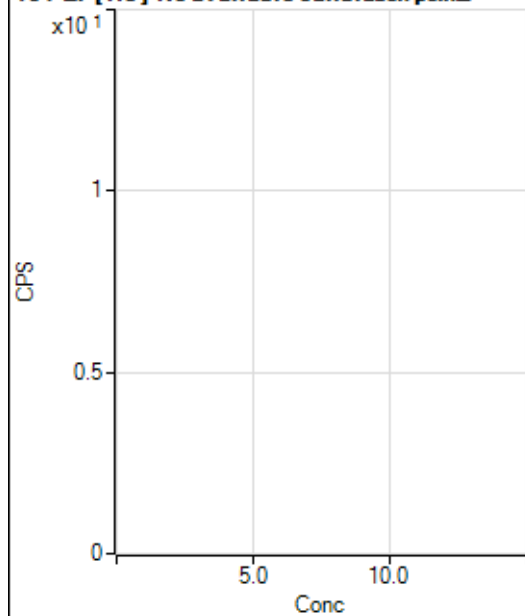
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			55.56		P	60.6
2	☐			50.00		P	57.7
3	☐			83.34		P	34.6
4	☐			127.78		P	27.1
5	☐			194.45		P	19.3
6	☐			355.57		P	21.8
7	☐			383.35		P	8.7
8	☐			1433.45		P	4.6

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			117.78		P	8.6
2	☐			128.89		P	7.5
3	☐			122.22		P	21.9
4	☐			141.11		P	13.0
5	☐			177.78		P	2.9
6	☐			241.12		P	13.8
7	☐			344.45		P	9.4
8	☐			1150.06		P	10.0

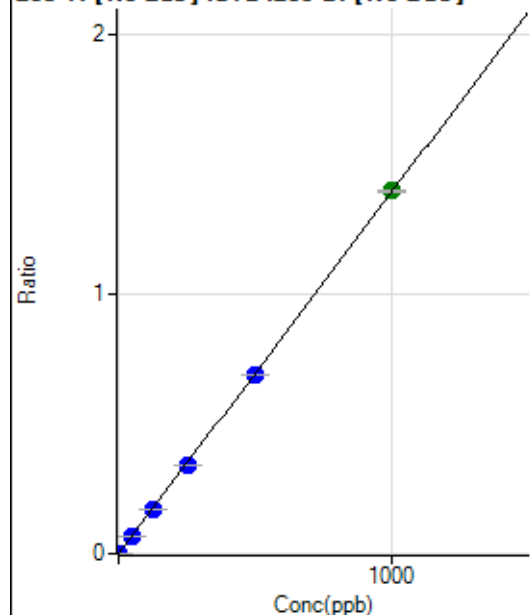
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			38.89		P	32.7
2	☐			80.56		P	29.9
3	☐			86.11		P	40.3
4	☐			72.22		P	53.3
5	☐			138.89		P	17.3
6	☐			108.34		P	27.7
7	☐			161.12		P	39.5
8	☐			275.01		P	15.7

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			32.22		P	15.8
2	☐			48.89		P	27.6
3	☐			56.67		P	29.4
4	☐			54.45		P	12.7
5	☐			56.67		P	15.6
6	☐			88.89		P	22.6
7	☐			110.00		P	32.1
8	☐			171.11		P	14.6

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	102.78	0.0000	P	11.6
2	☐	1.000	0.971	9414.67	0.0014	P	2.6
3	☐	50.000	49.421	473253.11	0.0687	P	0.8
4	☐	125.000	122.547	1168189.77	0.1703	P	0.7
5	☐	250.000	244.523	2309669.73	0.3397	P	0.5
6	☐	500.000	494.623	4451696.50	0.6871	P	0.3
7	☐	1000.000	1004.393	8761292.55	1.3953	A	0.3
8	☐			3372.74	0.0006	P	11.8

$$y = 0.0014 * x + 1.5228E-005$$

$$R = 1.0000$$

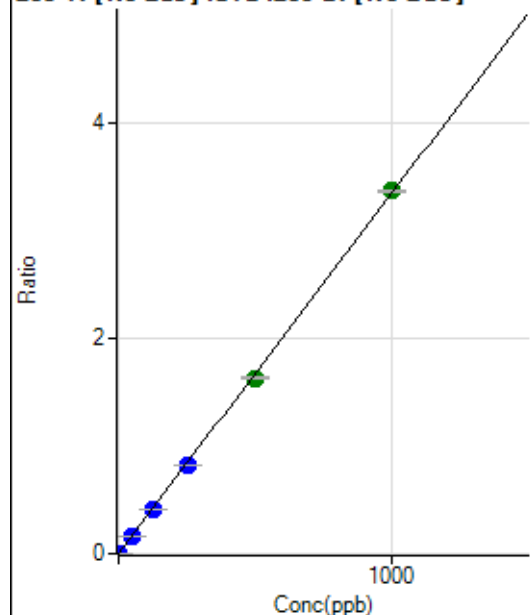
$$DL = 0.003819$$

$$BEC = 0.01096$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	216.67	0.0000	P	22.4
2	☐	1.000	0.946	22066.10	0.0032	P	1.0
3	☐	50.000	49.474	1141208.34	0.1656	P	1.2
4	☐	125.000	123.767	2842114.86	0.4142	P	0.6
5	☐	250.000	246.430	5607029.03	0.8247	P	1.4
6	☐	500.000	488.140	10583132.62	1.6335	A	0.4
7	☐	1000.000	1007.003	21160035.19	3.3698	A	0.3
8	☐			7663.57	0.0013	P	14.3

$$y = 0.0033 * x + 3.2088E-005$$

$$R = 0.9999$$

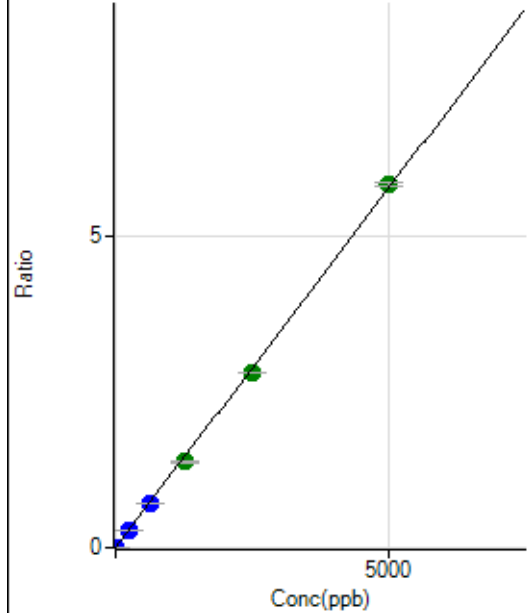
$$DL = 0.006431$$

$$BEC = 0.009589$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	507.43	0.0001	P	7.3
2	☐	1.000	0.947	8063.67	0.0012	P	3.3
3	☐	250.000	244.338	1944262.08	0.2821	P	1.2
4	☐	625.000	607.514	4812132.86	0.7013	P	0.9
5	☐	1250.000	1197.766	9400545.35	1.3826	A	1.9
6	☐	2500.000	2432.820	18194108.51	2.8082	A	0.2
7	☐	5000.000	5049.117	36596396.65	5.8282	A	0.9
8	☐			10726.69	0.0019	P	2.9

$$y = 0.0012 * x + 7.5254E-005$$

$$R = 0.9998$$

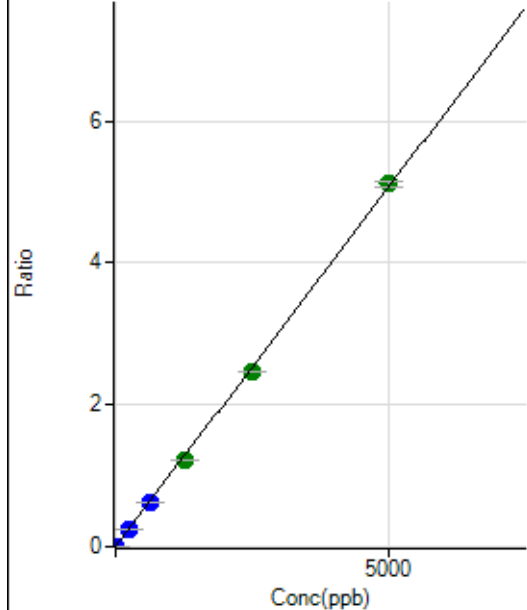
$$DL = 0.01432$$

$$BEC = 0.0652$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	462.98	0.0001	P	5.2
2	☐	1.000	0.956	7157.61	0.0010	P	4.0
3	☐	250.000	241.839	1689886.97	0.2452	P	0.7
4	☐	625.000	605.479	4211595.78	0.6138	P	0.4
5	☐	1250.000	1207.153	8319806.26	1.2236	A	0.7
6	☐	2500.000	2432.671	15975521.77	2.4658	A	0.1
7	☐	5000.000	5047.224	32123901.18	5.1159	A	1.3
8	☐			9724.07	0.0017	P	3.5

$$y = 0.0010 * x + 6.8620E-005$$

$$R = 0.9998$$

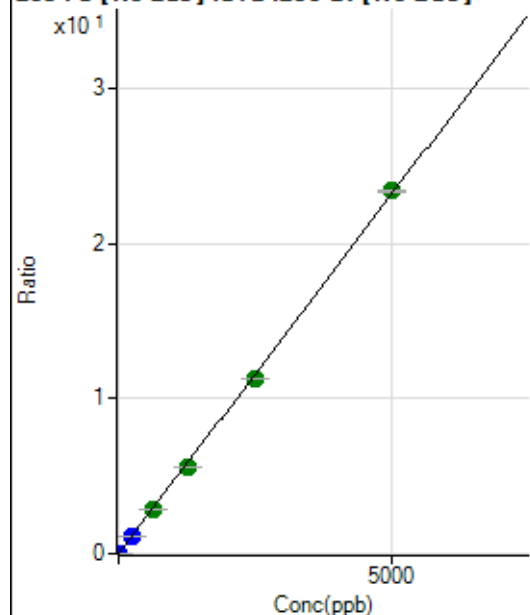
$$DL = 0.01056$$

$$BEC = 0.0677$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2105.66	0.0003	P	3.5
2	☐	1.000	0.956	32751.56	0.0047	P	1.5
3	☐	250.000	243.884	7796752.16	1.1313	P	0.8
4	☐	625.000	605.535	19270542.65	2.8084	A	0.4
5	☐	1250.000	1202.987	37932647.20	5.5790	A	1.3
6	☐	2500.000	2429.559	72997338.09	11.2671	A	0.2
7	☐	5000.000	5049.713	147046460.6	23.4177	A	0.6
8	☐			43576.66	0.0075	P	2.0

$$y = 0.0046 * x + 3.1220E-004$$

$$R = 0.9998$$

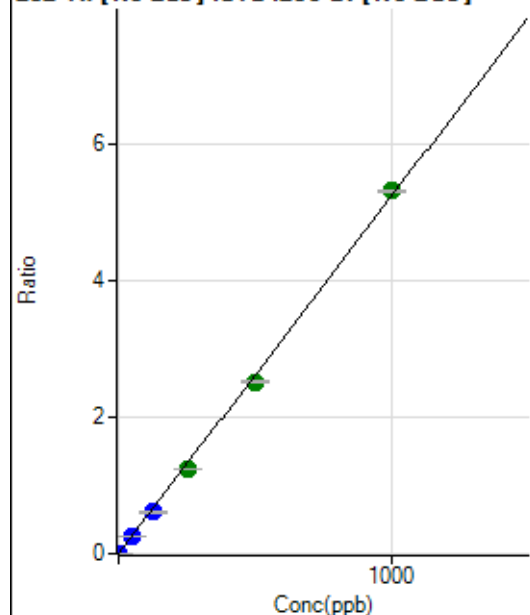
$$DL = 0.007127$$

$$BEC = 0.06732$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	153.71	0.0000	P	17.6
2	☐	1.000	0.000	150.00	0.0000	P	18.1
3	☐	50.000	46.002	1663168.47	0.2413	P	0.7
4	☐	125.000	115.788	4167632.24	0.6074	P	0.7
5	☐	250.000	235.601	8402817.84	1.2358	A	0.8
6	☐	500.000	479.972	16311128.72	2.5177	A	0.7
7	☐	1000.000	1014.966	33431181.30	5.3239	A	0.4
8	☐			2767.01	0.0005	P	11.4

$$y = 0.0052 * x + 2.2781E-005$$

$$R = 0.9996$$

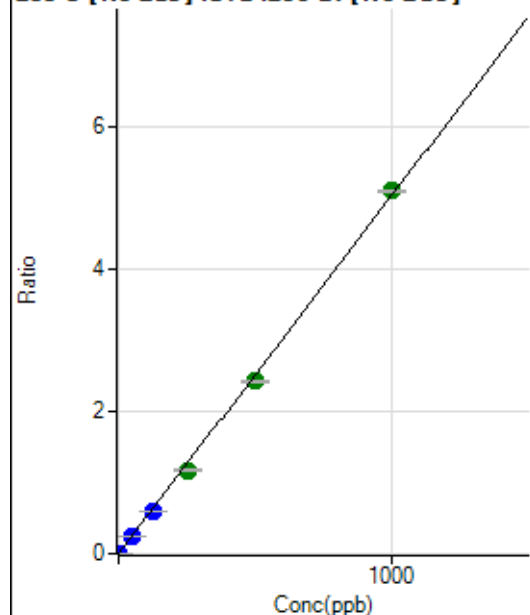
$$DL = 0.002291$$

$$BEC = 0.004343$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8.33	0.0000	P	173.2
2	☐	1.000	0.888	30887.07	0.0045	P	0.6
3	☐	50.000	46.488	1614061.31	0.2342	P	1.0
4	☐	125.000	117.602	4065438.76	0.5925	P	0.2
5	☐	250.000	233.380	7994238.11	1.1758	A	0.8
6	☐	500.000	483.047	15766060.25	2.4336	A	1.0
7	☐	1000.000	1013.732	32070022.25	5.1071	A	0.6
8	☐			3342.20	0.0006	P	4.4

$$y = 0.0050 * x + 1.2383E-006$$

$$R = 0.9996$$

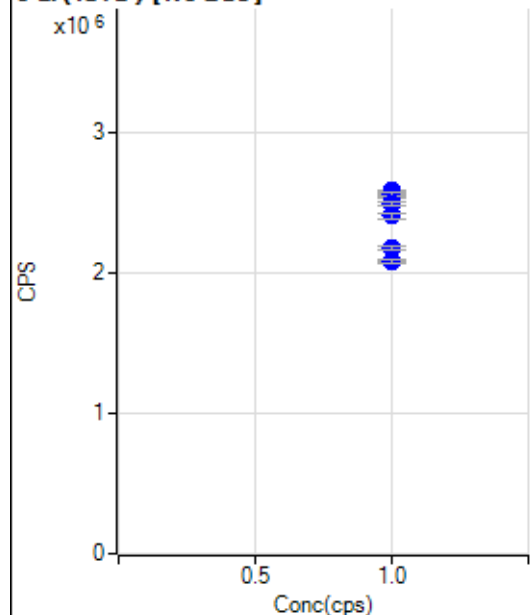
$$DL = 0.001277$$

$$BEC = 0.0002458$$

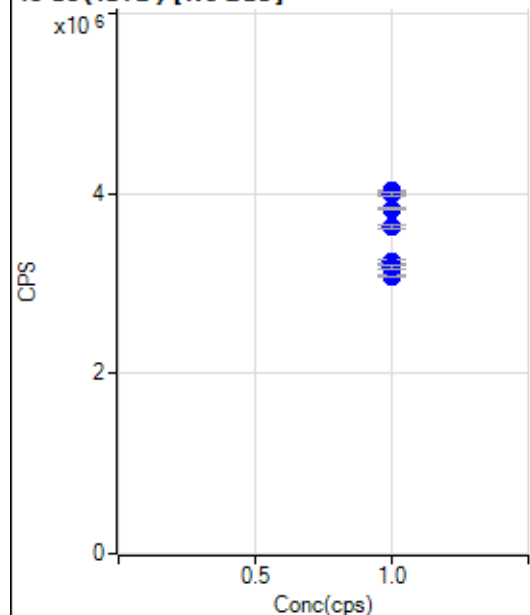
Weight: <None>

Min Conc: 0

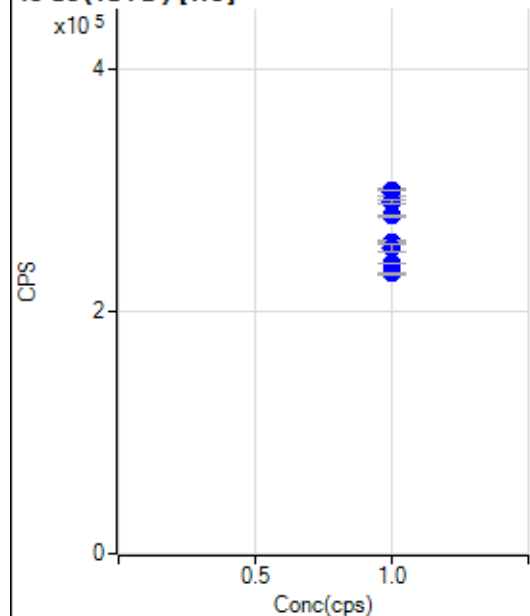
6 Li (ISTD) [No Gas]



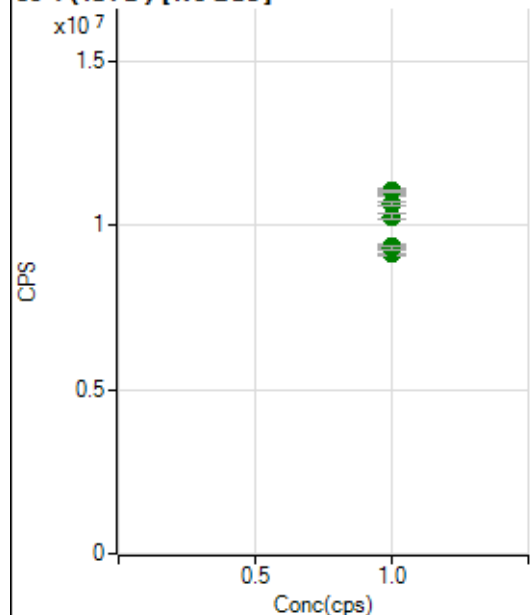
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2556193.31		P	0.9
2	☐	1.000		2590124.72		P	0.5
3	☐	1.000		2565026.87		P	1.2
4	☐	1.000		2495856.67		P	1.1
5	☐	1.000		2410485.07		P	1.5
6	☐	1.000		2178476.41		P	1.4
7	☐	1.000		2087196.86		P	0.4
8	☐	1.000		2088870.91		P	1.5

45 Sc (ISTD) [No Gas]

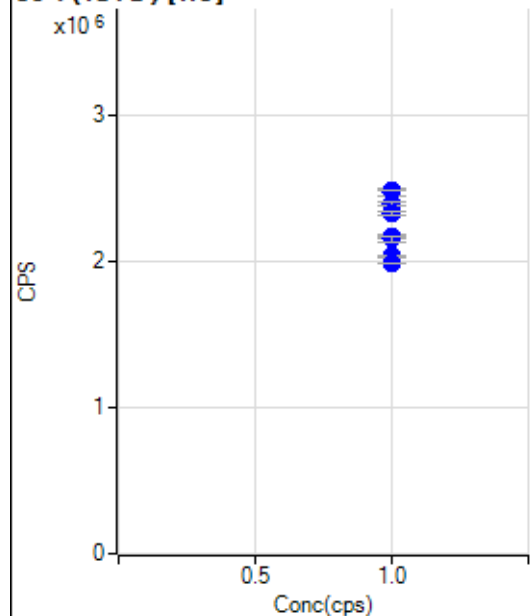
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4004901.61		P	0.8
2	☐	1.000		4026870.18		P	0.3
3	☐	1.000		3989535.53		P	0.9
4	☐	1.000		3828231.58		P	0.4
5	☐	1.000		3627839.18		P	0.7
6	☐	1.000		3240486.62		P	1.1
7	☐	1.000		3077958.25		P	0.4
8	☐	1.000		3183571.30		P	1.3

45 Sc (ISTD) [He]

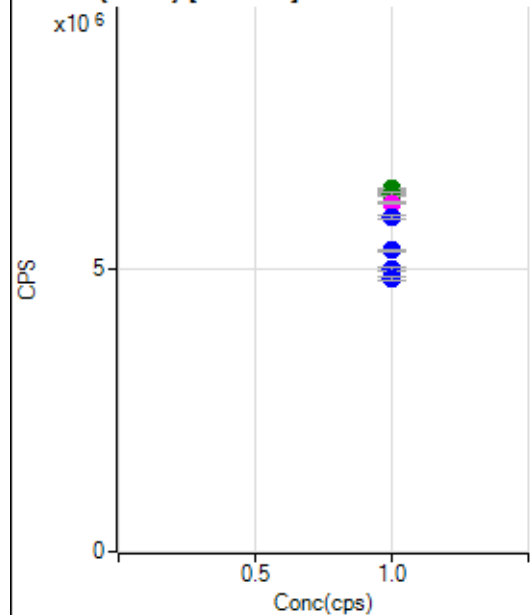
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		298653.25		P	1.8
2	☐	1.000		299492.33		P	0.1
3	☐	1.000		290654.81		P	1.1
4	☐	1.000		278731.30		P	0.1
5	☐	1.000		257541.61		P	0.9
6	☐	1.000		239375.96		P	0.3
7	☐	1.000		231044.22		P	0.6
8	☐	1.000		252034.81		P	2.4

89 Y (ISTD) [No Gas]

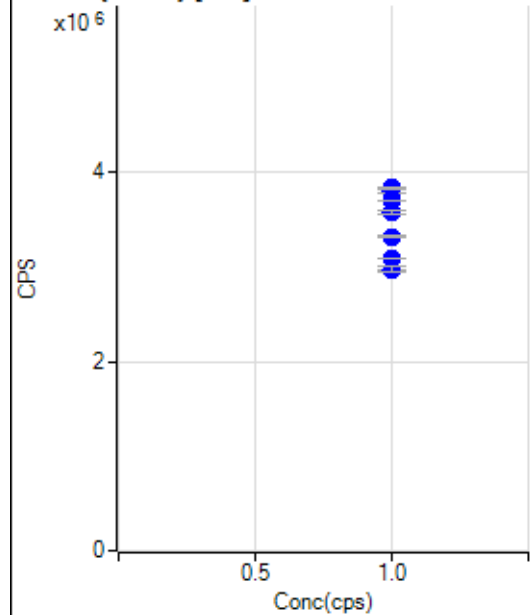
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10994568.73		A	1.3
2	☐	1.000		11048273.03		A	1.4
3	☐	1.000		11055206.64		A	0.6
4	☐	1.000		10661170.88		A	0.7
5	☐	1.000		10283160.19		A	1.4
6	☐	1.000		9360553.89		A	1.1
7	☐	1.000		9117817.23		A	0.4
8	☐	1.000		9323456.04		A	0.8

89 Y (ISTD) [He]

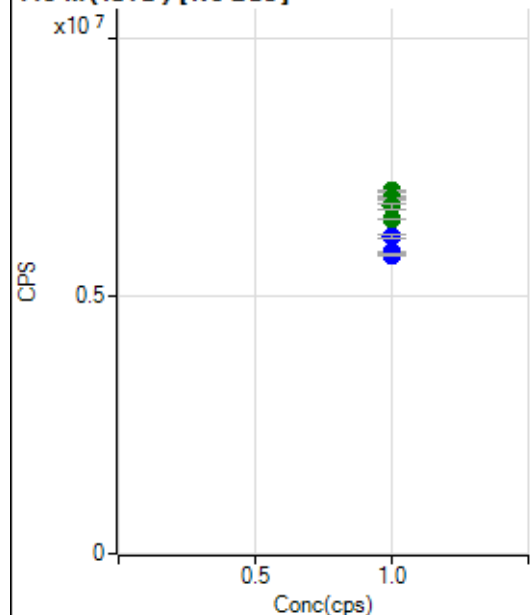
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2466007.71		P	1.9
2	☐	1.000		2477232.01		P	0.0
3	☐	1.000		2389153.04		P	0.9
4	☐	1.000		2323604.27		P	0.7
5	☐	1.000		2164620.64		P	0.9
6	☐	1.000		2029598.46		P	0.6
7	☐	1.000		1984133.79		P	0.2
8	☐	1.000		2147452.50		P	2.2

103 Rh (ISTD) [No Gas]

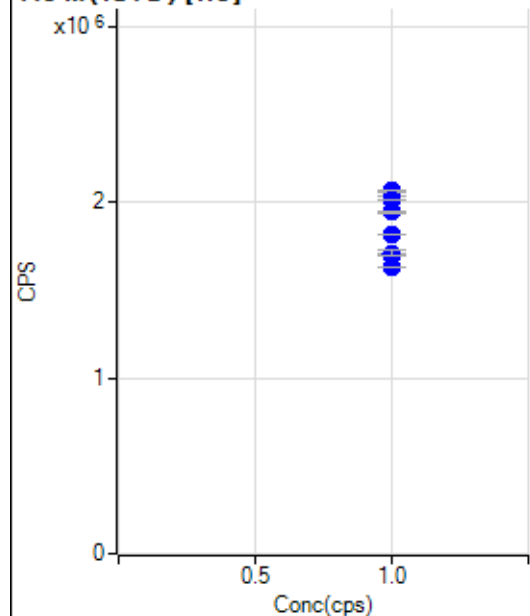
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6321774.63		A	0.3
2	☐	1.000		6417119.98		A	0.3
3	☐	1.000		6326559.63		A	1.1
4	☐	1.000		6160283.24		M	0.6
5	☐	1.000		5909192.69		P	0.9
6	☐	1.000		5330608.91		P	0.8
7	☐	1.000		4998069.75		P	0.8
8	☐	1.000		4830048.12		P	0.9

103 Rh (ISTD) [He]

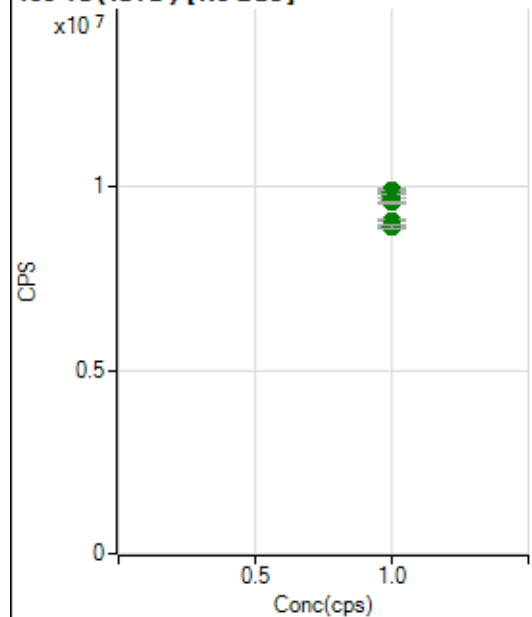
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3797407.58		P	1.1
2	☐	1.000		3834078.94		P	0.4
3	☐	1.000		3702275.67		P	0.2
4	☐	1.000		3577348.98		P	0.7
5	☐	1.000		3318838.56		P	0.6
6	☐	1.000		3090201.24		P	0.2
7	☐	1.000		2971189.64		P	0.4
8	☐	1.000		2971589.30		P	1.8

115 In (ISTD) [No Gas]

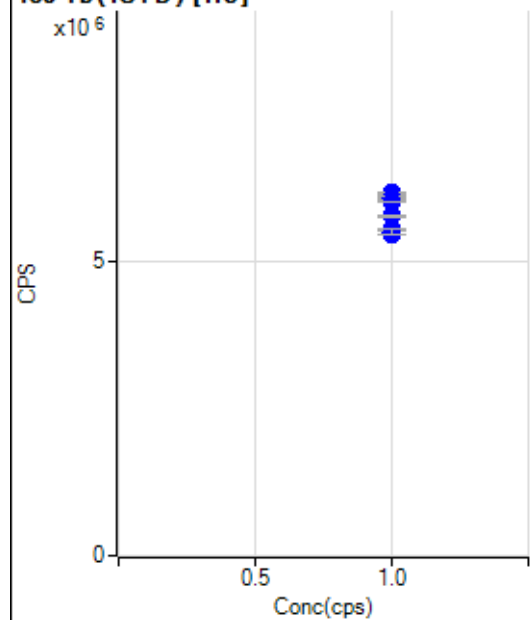
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6941103.97		A	0.4
2	☐	1.000		7036088.10		A	0.5
3	☐	1.000		6886504.87		A	0.5
4	☐	1.000		6735100.12		A	1.5
5	☐	1.000		6491415.55		A	0.5
6	☐	1.000		6151978.98		P	1.1
7	☐	1.000		5847568.59		P	0.3
8	☐	1.000		5781328.74		P	0.6

115 In (ISTD) [He]

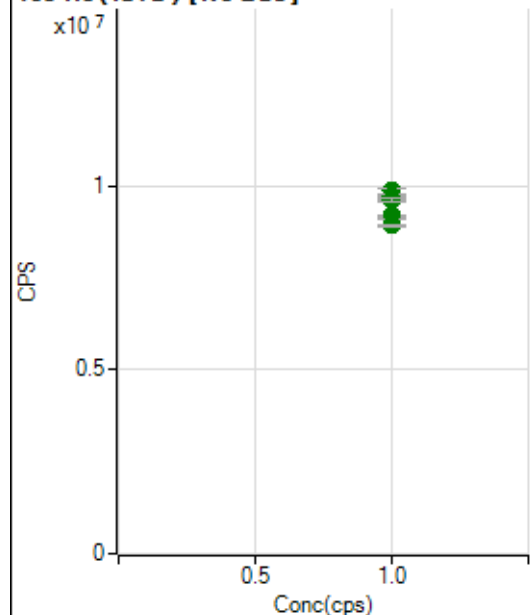
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2056799.75		P	1.6
2	☐	1.000		2066152.25		P	0.2
3	☐	1.000		2016775.55		P	0.3
4	☐	1.000		1946147.28		P	0.6
5	☐	1.000		1817726.34		P	0.5
6	☐	1.000		1702143.78		P	0.1
7	☐	1.000		1629439.96		P	0.3
8	☐	1.000		1711707.28		P	2.2

159 Tb (ISTD) [No Gas]

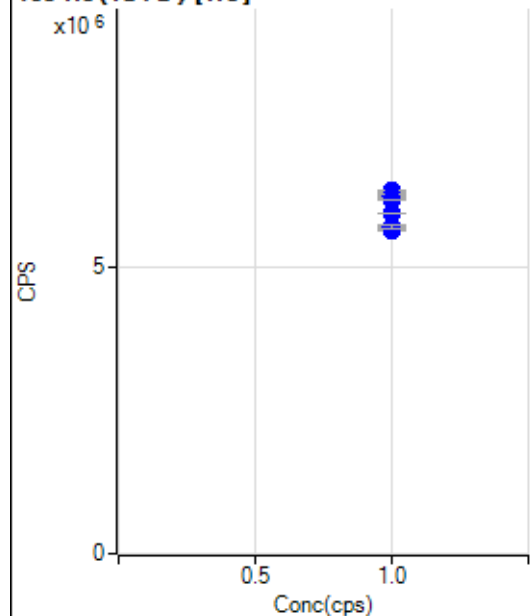
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9655252.91		A	1.1
2	☐	1.000		9887594.64		A	1.1
3	☐	1.000		9843793.26		A	0.8
4	☐	1.000		9751197.49		A	1.0
5	☐	1.000		9571381.31		A	0.9
6	☐	1.000		9070926.60		A	0.5
7	☐	1.000		8945376.60		A	0.9
8	☐	1.000		8915988.34		A	1.1

159 Tb (ISTD) [He]

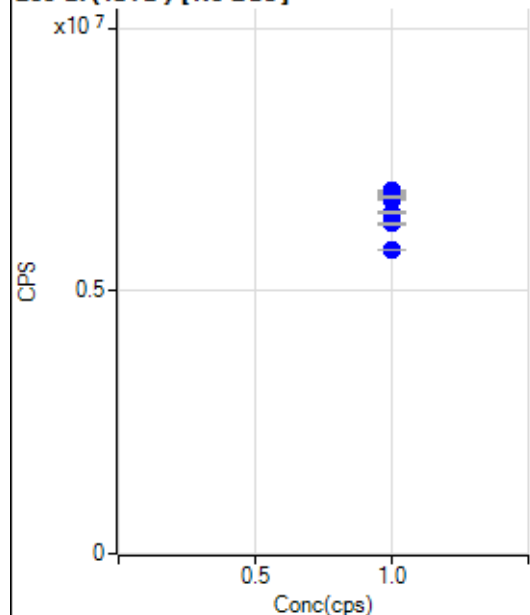
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6082507.55		P	0.3
2	☐	1.000		6146183.03		P	0.3
3	☐	1.000		6063801.92		P	0.8
4	☐	1.000		5999060.05		P	0.3
5	☐	1.000		5755908.32		P	0.5
6	☐	1.000		5522392.21		P	0.7
7	☐	1.000		5439694.16		P	0.4
8	☐	1.000		5488819.50		P	1.5

165 Ho (ISTD) [No Gas]

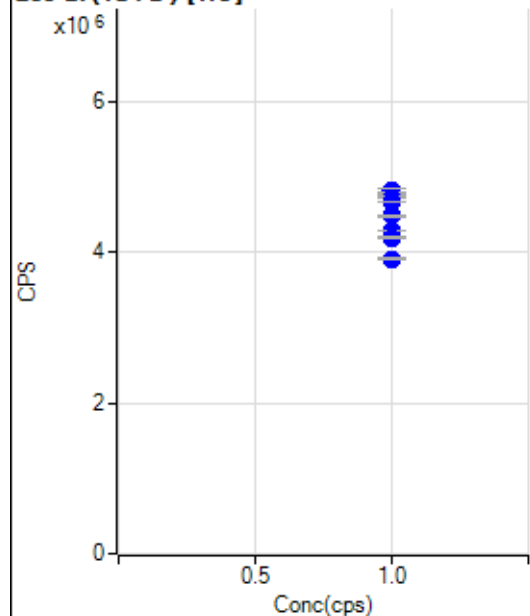
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9655748.47		A	0.5
2	☐	1.000		9860255.96		A	1.4
3	☐	1.000		9729671.87		A	0.1
4	☐	1.000		9724555.55		A	1.0
5	☐	1.000		9618232.01		A	1.0
6	☐	1.000		9174574.65		A	0.7
7	☐	1.000		9084807.78		A	0.2
8	☐	1.000		8928081.05		A	0.7

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6228941.15		P	0.2
2	☐	1.000		6323429.70		P	0.7
3	☐	1.000		6235037.76		P	0.7
4	☐	1.000		6170025.04		P	0.2
5	☐	1.000		5932980.68		P	0.5
6	☐	1.000		5700569.36		P	0.3
7	☐	1.000		5645090.26		P	0.7
8	☐	1.000		5698765.33		P	1.6

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6745303.65		P	0.8
2	☐	1.000		6901176.01		P	0.4
3	☐	1.000		6891882.61		P	0.5
4	☐	1.000		6861901.98		P	0.9
5	☐	1.000		6799412.89		P	0.5
6	☐	1.000		6478803.72		P	0.5
7	☐	1.000		6279375.60		P	0.4
8	☐	1.000		5783319.15		P	0.4

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4751795.79		P	1.3
2	☐	1.000		4822090.31		P	1.1
3	☐	1.000		4740917.88		P	0.9
4	☐	1.000		4680289.90		P	0.1
5	☐	1.000		4486190.38		P	0.5
6	☐	1.000		4296098.90		P	0.3
7	☐	1.000		4203482.89		P	0.8
8	☐	1.000		3919617.62		P	1.0

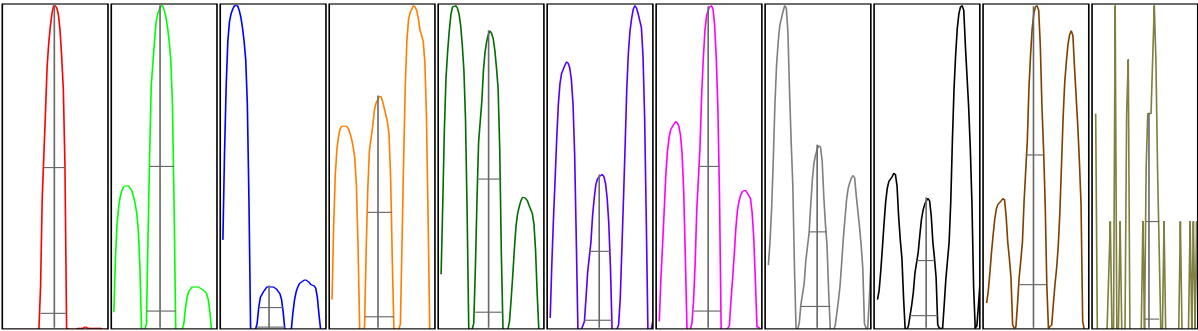
US EPA Tune Check Sample Report

Batch Folder C:\Agilent\ICPMH\1\DATA\P7092121MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]					
Mass	Count	RSD%	RSD%	RSD%	
	(Mean)	(Actual)	(Required)	(Flag)	
9	7861	0.24	5.00		
24	73157	0.22	5.00		
25	9606	0.20	5.00		
26	11006	0.22	5.00		
59	17867	0.44	5.00		
113	11347	0.45	5.00		
115	36647	1.72	5.00		
206	17383	0.63	5.00		
207	15206	0.50	5.00		
208	36386	0.35	5.00		
220	0	38.03			

Mass	Replicate 1	Replicate 2	Replicate 3	Replicate 4	Replicate 5
	Count	Count	Count	Count	Count
9	7858	7870	7865	7831	7880
24	73386	73201	73183	73059	72954
25	9617	9592	9626	9581	9614
26	11019	10976	11031	11019	10983
59	17969	17891	17896	17785	17792
113	11394	11373	11378	11318	11271
115	37455	37134	36485	36192	35969
206	17195	17476	17434	17382	17428
207	15072	15259	15237	15232	15228
208	36256	36282	36554	36370	36469
220	0	0	0	0	0

Integration Time [sec] = 0.1



Mass	Peak	Axis	Axis	Axis	Width-X%	Width-X%	Width-
	Height	(Actual)	(Required)	(Flag)	(Actual)	(Required)	X% (Flag)
9	13147	9.00	8.9 - 9.1		0.777	0.900	
24	110417	23.90	23.9 - 24.1		0.835	0.900	
25	14575	24.90	24.9 - 25.1		0.827	0.900	
26	16674	25.90	25.9 - 26.1		0.834	0.900	
59	29024	58.95	58.9 - 59.1		0.827	0.900	
113	19282	113.00	112.9 - 113.1		0.789	0.900	
115	62761	115.00	114.9 - 115.1		0.813	0.900	
206	32400	206.00	205.9 - 206.1		0.827	0.900	
207	27159	207.00	206.9 - 207.1		0.794	0.900	
208	66834	207.95	207.9 - 208.1		0.814	0.900	
220	0	220.15	-		0.443		

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.6	V	Deflect	13.4	V
Extract 2	-130.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-75	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	150	V			

[He]

Mass	Count	RSD%	RSD%
	(Mean)	(Actual)	(Required)
59	5951	0.40	
89	35806	0.40	
205	20890	0.31	

Mass	Replicate 1	Replicate 2	Replicate 3	Replicate 4	Replicate 5
	Count	Count	Count	Count	Count
59	5946	5929	5991	5941	5950
89	35641	35796	35882	35706	36006
205	20864	20864	20970	20808	20943

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.2	V	Deflect	1.6	V
Extract 2	-125.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-75	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	180	V			

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 07:50:11	DataFile Name :	002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.07	-0.23	0.16	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.01	0.00	0.00	0.00	N/A	ppb
Barium	135-1	0.01	-0.02	0.01	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.01	-0.01	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.02	-0.06	0.08	0.00	N/A	ppb
Boron	11-1	-0.09	0.20	-0.11	0.00	N/A	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.01	0.01	0.00	0.00	N/A	ppb
Cadmium	106-1	-0.41	0.11	0.30	0.00	N/A	ppb
Cadmium	108-1	0.00	0.00	0.00	0.00	N/A	ppb
Calcium	43-1	3.02	-1.25	-1.77	0.00	N/A	ppb
Calcium	44-1	-0.54	-0.31	0.85	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	0.00	0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	-0.01	0.01	0.00	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.04	0.00	-0.04	0.00	N/A	ppb
Iron	57-2	0.41	-0.48	0.07	0.00	N/A	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 07:50:11	DataFile Name :	002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	-0.52	0.90	-0.38	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	-0.01	0.00	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.17	0.08	0.09	0.00	N/A	ppb
Manganese	55-2	0.00	-0.01	0.01	0.00	N/A	ppb
Molybdenum	94-1	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.04	0.08	0.00	N/A	ppb
Phosphorus	31-2	-14.04	-7.02	-12.63	-11.23		ppb
Potassium	39-2	-8.36	-4.51	12.88	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.48	-0.19	0.66	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.33	-0.04	0.37	0.00	N/A	ppb
Silicon	28-1	-0.30	-0.77	1.07	0.00	N/A	ppb
Silver	107-1	0.01	0.00	-0.01	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-0.09	-0.27	0.36	0.00	N/A	ppb
Strontium	86-1	-0.01	0.01	0.00	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-120.22	-64.85	13.80	-57.09		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 07:50:11	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	0.01	0.02	-0.02	0.00	N/A	ppb
Titanium	47-1	0.02	-0.01	-0.01	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.03	0.10	-0.06	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	N/A	ppb
Zirconium	91-1	0.00	0.01	-0.01	0.00	N/A	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 07:56:24	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.49	21.02	21.63	21.05	2.70	ppb
Antimony	121-1	2.03	2.02	2.01	2.02	0.40	ppb
Arsenic	75-2	1.05	0.99	0.98	1.01	3.86	ppb
Barium	135-1	10.58	10.46	10.60	10.55	0.71	ppb
Barium	137-1	10.34	10.52	10.42	10.43	0.85	ppb
Beryllium	9-1	1.03	1.01	1.03	1.02	0.83	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	22.70	24.12	23.80	23.54	3.16	ppb
Boron	11-1	23.58	23.97	24.59	24.05	2.11	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.27	1.32	1.17	1.26	6.13	ppb
Cadmium	106-1	4.36	3.28	0.10	2.58	85.86	ppb
Cadmium	108-1	1.31	1.16	0.94	1.14	16.62	ppb
Calcium	43-1	504.18	543.24	525.06	524.16	3.73	ppb
Calcium	44-1	523.13	523.64	520.80	522.52	0.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.05	2.10	1.95	2.03	3.79	ppb
Cobalt	59-2	1.00	1.04	1.04	1.03	2.26	ppb
Copper	63-2	1.90	1.96	2.09	1.99	4.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	53.82	53.75	53.09	53.55	0.75	ppb
Iron	57-2	51.58	51.40	55.74	52.91	4.64	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 07:56:24	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	53.53	57.71	53.52	54.92	4.40	ppb
Krypton	83-1						cps
Lead	206-1	0.91	0.96	0.97	0.95	3.48	ppb
Lead	207-1	0.91	0.97	0.99	0.96	4.26	ppb
Lead	208-1	0.94	0.96	0.97	0.96	1.58	ppb
Lithium	6-1				101		%
Magnesium	24-2	486.03	486.74	480.84	484.54	0.67	ppb
Manganese	55-2	1.06	1.02	1.06	1.05	2.09	ppb
Molybdenum	94-1	5.16	4.93	4.96	5.02	2.51	ppb
Molybdenum	95-1	5.24	5.24	5.05	5.18	2.15	ppb
Molybdenum	96-1	5.35	5.23	5.12	5.23	2.15	ppb
Molybdenum	97-1	4.92	4.93	4.91	4.92	0.18	ppb
Molybdenum	98-1	5.16	5.02	5.16	5.11	1.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.99	1.08	1.05	1.04	4.20	ppb
Phosphorus	31-2	24.92	-4.08	12.85	11.23	129.75	ppb
Potassium	39-2	515.49	518.20	501.36	511.68	1.77	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	4.25	5.65	5.26	5.05	14.30	ppb
Selenium	77-2	5.21	5.56	2.43	4.40	38.93	ppb
Selenium	78-2	5.50	6.08	4.88	5.49	11.02	ppb
Silicon	28-1	9.04	8.15	7.47	8.22	9.56	ppb
Silver	107-1	1.04	1.13	1.13	1.10	4.48	ppb
Silver	109-1	1.09	1.18	1.08	1.12	5.24	ppb
Sodium	23-2	488.89	493.43	492.96	491.76	0.51	ppb
Strontium	86-1	0.98	1.13	0.90	1.00	11.90	ppb
Strontium	88-1	1.13	1.11	1.05	1.10	3.99	ppb
Sulfur	34-1	207.16	59.17	-95.05	57.09	264.69	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	0.95	0.96	1.00	0.97	2.60	ppb
Thallium	205-1	0.96	0.95	0.94	0.95	0.98	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 07:56:24	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	5.01	5.18	4.96	5.05	2.31	ppb
Titanium	47-1	5.02	4.65	4.92	4.86	3.99	ppb
Uranium	238-1	0.89	0.89	0.88	0.89	0.63	ppb
Vanadium	51-2	4.94	5.07	5.05	5.02	1.36	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	2.46	2.55	2.32	2.44	4.65	ppb
Zirconium	90-1	0.97	0.93	1.00	0.97	3.66	ppb
Zirconium	91-1	0.99	0.94	0.91	0.95	4.25	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 07:59:30	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1070.21	1069.28	1078.01	1072.50	0.45	ppb
Antimony	121-1	53.77	52.17	53.52	53.16	1.62	ppb
Arsenic	75-2	52.54	52.12	52.96	52.54	0.81	ppb
Barium	135-1	265.69	263.82	264.78	264.76	0.35	ppb
Barium	137-1	267.95	265.43	266.86	266.75	0.47	ppb
Beryllium	9-1	52.16	51.32	52.75	52.08	1.37	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	10-1	45.11	53.57	48.79	49.16	8.63	ppb
Boron	11-1	47.82	49.38	51.66	49.62	3.89	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	54.70	54.65	54.32	54.56	0.38	ppb
Cadmium	106-1	58.10	56.78	52.82	55.90	4.91	ppb
Cadmium	108-1	53.92	53.72	52.39	53.34	1.56	ppb
Calcium	43-1	5471.26	5562.09	5640.57	5557.97	1.52	ppb
Calcium	44-1	5375.36	5489.40	5482.21	5448.99	1.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51.13	50.87	50.69	50.89	0.43	ppb
Cobalt	59-2	51.15	51.07	52.28	51.50	1.31	ppb
Copper	63-2	531.86	524.21	536.83	530.97	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				101		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	2563.14	2532.24	2609.29	2568.22	1.51	ppb
Iron	57-2	2648.72	2621.17	2702.49	2657.46	1.56	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 07:59:30	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2748.75	2741.19	2724.00	2737.98	0.46	ppb
Krypton	83-1						cps
Lead	206-1	241.81	247.48	243.72	244.34	1.18	ppb
Lead	207-1	241.26	243.84	240.41	241.84	0.74	ppb
Lead	208-1	242.21	246.12	243.32	243.88	0.83	ppb
Lithium	6-1				100		%
Magnesium	24-2	5120.61	5130.30	5185.62	5145.51	0.68	ppb
Manganese	55-2	505.00	506.06	509.92	506.99	0.51	ppb
Molybdenum	94-1	255.25	256.13	258.05	256.48	0.56	ppb
Molybdenum	95-1	253.92	254.67	257.38	255.33	0.71	ppb
Molybdenum	96-1	254.29	255.41	256.51	255.40	0.43	ppb
Molybdenum	97-1	252.23	254.08	256.84	254.39	0.91	ppb
Molybdenum	98-1	255.10	256.85	255.96	255.97	0.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.81	52.88	54.42	53.37	1.71	ppb
Phosphorus	31-2	1015.50	956.27	1048.09	1006.62	4.62	ppb
Potassium	39-2	2768.72	2742.83	2776.94	2762.83	0.64	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	82-1	50.47	51.93	51.44	51.28	1.45	ppb
Selenium	77-2	56.28	54.79	45.30	52.12	11.42	ppb
Selenium	78-2	52.81	54.70	50.94	52.82	3.56	ppb
Silicon	28-1	49.98	50.94	53.61	51.51	3.66	ppb
Silver	107-1	57.21	56.88	57.17	57.09	0.31	ppb
Silver	109-1	57.03	57.23	57.47	57.24	0.38	ppb
Sodium	23-2	4999.73	5035.13	5121.45	5052.11	1.24	ppb
Strontium	86-1	501.79	509.47	511.15	507.47	0.98	ppb
Strontium	88-1	499.11	497.36	497.67	498.05	0.19	ppb
Sulfur	34-1	1253.49	1120.98	1356.76	1243.74	9.50	ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	49.05	49.81	49.40	49.42	0.77	ppb
Thallium	205-1	48.89	50.03	49.50	49.47	1.15	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 07:59:30	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	45.66	46.31	46.04	46.00	0.71	ppb
Tin	118-1	52.77	52.18	52.93	52.63	0.75	ppb
Titanium	47-1	248.93	251.58	251.74	250.75	0.63	ppb
Uranium	238-1	46.00	46.51	46.95	46.49	1.02	ppb
Vanadium	51-2	50.42	50.45	50.68	50.52	0.28	ppb
Yttrium	89-1				101		%
Yttrium	89-2				97		%
Zinc	66-2	510.15	512.12	518.95	513.74	0.90	ppb
Zirconium	90-1	51.08	51.51	51.46	51.35	0.45	ppb
Zirconium	91-1	49.92	49.95	51.12	50.33	1.36	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 08:02:36	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2638.72	2640.89	2651.13	2643.58	0.25	ppb
Antimony	121-1	129.68	132.92	133.98	132.19	1.69	ppb
Arsenic	75-2	129.56	128.55	128.07	128.73	0.59	ppb
Barium	135-1	637.40	651.43	656.17	648.33	1.51	ppb
Barium	137-1	645.90	656.82	655.73	652.82	0.92	ppb
Beryllium	9-1	126.98	130.16	130.07	129.07	1.40	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Boron	10-1	115.94	125.04	125.15	122.04	4.33	ppb
Boron	11-1	120.17	124.37	127.90	124.14	3.11	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	132.45	134.72	135.88	134.35	1.30	ppb
Cadmium	106-1	129.25	135.63	134.41	133.09	2.55	ppb
Cadmium	108-1	134.06	132.66	135.94	134.22	1.23	ppb
Calcium	43-1	13624.05	13626.95	13804.58	13685.20	0.76	ppb
Calcium	44-1	13457.36	13514.28	13505.68	13492.44	0.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	126.77	127.70	125.77	126.75	0.76	ppb
Cobalt	59-2	129.49	127.90	128.22	128.54	0.66	ppb
Copper	63-2	1315.90	1308.49	1304.40	1309.60	0.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				99		%
Indium	115-1				97		%
Indium	115-2				95		%
Iron	56-2	6423.26	6385.48	6346.74	6385.16	0.60	ppb
Iron	57-2	6681.10	6615.89	6574.44	6623.81	0.81	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 08:02:36	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	6868.61	6981.78	6764.83	6871.74	1.58	ppb
Krypton	83-1						cps
Lead	206-1	609.54	601.44	611.56	607.51	0.88	ppb
Lead	207-1	604.36	603.73	608.35	605.48	0.41	ppb
Lead	208-1	604.99	603.61	608.01	605.53	0.37	ppb
Lithium	6-1				98		%
Magnesium	24-2	12888.18	12708.40	12686.17	12760.91	0.87	ppb
Manganese	55-2	1265.79	1266.25	1263.67	1265.24	0.11	ppb
Molybdenum	94-1	635.65	640.75	645.34	640.58	0.76	ppb
Molybdenum	95-1	637.34	640.55	645.15	641.01	0.61	ppb
Molybdenum	96-1	641.54	641.47	645.12	642.71	0.32	ppb
Molybdenum	97-1	641.11	639.48	645.35	641.98	0.47	ppb
Molybdenum	98-1	640.70	646.18	647.89	644.92	0.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	131.19	130.80	129.26	130.42	0.78	ppb
Phosphorus	31-2	2507.69	2626.02	2621.49	2585.07	2.59	ppb
Potassium	39-2	6876.24	6821.51	6760.74	6819.50	0.85	ppb
Rhodium	103-1				97		%
Rhodium	103-2				94		%
Scandium	45-1				96		%
Scandium	45-2				93		%
Selenium	82-1	128.41	127.69	128.99	128.36	0.51	ppb
Selenium	77-2	115.67	137.63	120.63	124.64	9.24	ppb
Selenium	78-2	124.53	124.55	129.21	126.10	2.14	ppb
Silicon	28-1	126.31	136.54	139.14	134.00	5.06	ppb
Silver	107-1	137.91	140.61	142.24	140.25	1.56	ppb
Silver	109-1	137.82	139.14	140.12	139.03	0.83	ppb
Sodium	23-2	12642.25	12486.80	12413.29	12514.11	0.93	ppb
Strontium	86-1	1260.68	1273.53	1279.13	1271.11	0.74	ppb
Strontium	88-1	1237.88	1251.22	1253.59	1247.56	0.68	ppb
Sulfur	34-1	2631.71	2719.53	2813.48	2721.57	3.34	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	122.44	121.77	123.42	122.55	0.68	ppb
Thallium	205-1	123.05	123.70	124.55	123.77	0.61	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 08:02:36	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	115.12	115.60	116.65	115.79	0.68	ppb
Tin	118-1	128.39	130.41	130.45	129.75	0.91	ppb
Titanium	47-1	620.91	618.61	625.38	621.63	0.55	ppb
Uranium	238-1	117.51	117.44	117.85	117.60	0.19	ppb
Vanadium	51-2	126.10	126.21	124.67	125.66	0.68	ppb
Yttrium	89-1				97		%
Yttrium	89-2				94		%
Zinc	66-2	1279.46	1263.79	1267.18	1270.14	0.65	ppb
Zirconium	90-1	126.95	127.59	128.18	127.57	0.48	ppb
Zirconium	91-1	124.96	127.34	126.51	126.27	0.96	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 08:05:41	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5384.87	5481.49	5423.20	5429.85	0.90	ppb
Antimony	121-1	254.95	261.42	259.20	258.52	1.27	ppb
Arsenic	75-2	254.27	255.67	251.49	253.81	0.84	ppb
Barium	135-1	1266.92	1292.27	1291.42	1283.54	1.12	ppb
Barium	137-1	1272.62	1303.72	1286.55	1287.63	1.21	ppb
Beryllium	9-1	248.60	253.10	252.22	251.31	0.95	ppb
Bismuth	209-1				101		%
Bismuth	209-2				94		%
Boron	10-1	232.26	245.40	247.97	241.88	3.48	ppb
Boron	11-1	235.39	247.74	253.70	245.61	3.80	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	258.70	264.39	257.87	260.32	1.36	ppb
Cadmium	106-1	258.42	261.58	258.79	259.60	0.67	ppb
Cadmium	108-1	258.92	257.84	256.59	257.78	0.45	ppb
Calcium	43-1	27046.07	27346.71	26959.26	27117.34	0.75	ppb
Calcium	44-1	24863.05	25337.01	24909.71	25036.59	1.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	249.45	250.75	249.03	249.74	0.36	ppb
Cobalt	59-2	252.64	252.98	250.50	252.04	0.53	ppb
Copper	63-2	2540.66	2574.01	2515.29	2543.32	1.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				95		%
Indium	115-1				94		%
Indium	115-2				88		%
Iron	56-2	12624.00	12878.27	12674.45	12725.57	1.06	ppb
Iron	57-2	13189.64	13348.90	13150.53	13229.69	0.79	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 08:05:41	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	13476.70	13651.50	13523.52	13550.57	0.67	ppb
Krypton	83-1						cps
Lead	206-1	1171.70	1208.78	1212.81	1197.77	1.89	ppb
Lead	207-1	1197.62	1208.37	1215.46	1207.15	0.74	ppb
Lead	208-1	1185.41	1213.43	1210.12	1202.99	1.27	ppb
Lithium	6-1				94		%
Magnesium	24-2	24989.11	25142.30	24802.72	24978.04	0.68	ppb
Manganese	55-2	2501.87	2539.36	2505.97	2515.73	0.82	ppb
Molybdenum	94-1	1250.26	1304.31	1257.46	1270.68	2.31	ppb
Molybdenum	95-1	1254.48	1289.52	1252.45	1265.48	1.65	ppb
Molybdenum	96-1	1257.61	1293.01	1253.07	1267.90	1.72	ppb
Molybdenum	97-1	1252.78	1286.54	1249.73	1263.02	1.62	ppb
Molybdenum	98-1	1231.01	1256.75	1217.14	1234.96	1.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	257.16	258.10	255.55	256.94	0.50	ppb
Phosphorus	31-2	4907.80	4919.60	5184.35	5003.92	3.12	ppb
Potassium	39-2	13397.97	13444.90	13235.42	13359.43	0.82	ppb
Rhodium	103-1				93		%
Rhodium	103-2				87		%
Scandium	45-1				91		%
Scandium	45-2				86		%
Selenium	82-1	249.07	255.41	251.64	252.04	1.27	ppb
Selenium	77-2	244.80	262.58	253.94	253.77	3.50	ppb
Selenium	78-2	256.15	260.76	259.89	258.94	0.95	ppb
Silicon	28-1	261.82	279.96	289.58	277.12	5.09	ppb
Silver	107-1	269.39	272.57	269.08	270.35	0.72	ppb
Silver	109-1	268.39	272.86	269.19	270.15	0.88	ppb
Sodium	23-2	24837.30	25200.08	25076.90	25038.09	0.74	ppb
Strontium	86-1	2491.13	2541.93	2477.17	2503.41	1.36	ppb
Strontium	88-1	2450.24	2499.10	2421.55	2456.96	1.60	ppb
Sulfur	34-1	4872.05	4888.09	4887.10	4882.41	0.18	ppb
Terbium	159-1				99		%
Terbium	159-2				95		%
Thallium	203-1	243.09	245.23	245.25	244.52	0.51	ppb
Thallium	205-1	242.55	248.87	247.87	246.43	1.38	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 08:05:41	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	233.48	236.38	236.94	235.60	0.79	ppb
Tin	118-1	252.42	257.26	253.87	254.51	0.98	ppb
Titanium	47-1	1228.29	1243.61	1223.26	1231.72	0.86	ppb
Uranium	238-1	231.30	234.13	234.71	233.38	0.78	ppb
Vanadium	51-2	247.70	252.49	246.08	248.76	1.34	ppb
Yttrium	89-1				94		%
Yttrium	89-2				88		%
Zinc	66-2	2499.50	2535.39	2491.85	2508.92	0.93	ppb
Zirconium	90-1	249.57	258.22	250.96	252.92	1.84	ppb
Zirconium	91-1	244.80	252.23	249.03	248.69	1.50	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 08:08:43	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10272.76	10358.27	10202.27	10277.77	0.76	ppb
Antimony	121-1	499.41	512.58	506.05	506.01	1.30	ppb
Arsenic	75-2	500.07	493.08	500.28	497.81	0.82	ppb
Barium	135-1	2506.61	2530.63	2511.84	2516.36	0.50	ppb
Barium	137-1	2459.79	2484.54	2472.79	2472.38	0.50	ppb
Beryllium	9-1	498.80	501.53	499.37	499.90	0.29	ppb
Bismuth	209-1				96		%
Bismuth	209-2				90		%
Boron	10-1	483.14	484.82	502.11	490.02	2.14	ppb
Boron	11-1	491.75	489.76	509.16	496.89	2.15	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	508.48	507.81	506.73	507.67	0.17	ppb
Cadmium	106-1	517.25	502.30	500.10	506.55	1.84	ppb
Cadmium	108-1	501.26	507.77	512.57	507.20	1.12	ppb
Calcium	43-1	54254.25	54272.89	54605.40	54377.51	0.36	ppb
Calcium	44-1	49684.78	49691.39	49985.33	49787.16	0.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	495.10	495.38	493.19	494.55	0.24	ppb
Cobalt	59-2	497.38	496.42	494.96	496.25	0.25	ppb
Copper	63-2	5043.86	4997.62	4958.43	4999.97	0.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				92		%
Indium	115-1				89		%
Indium	115-2				83		%
Iron	56-2	25485.33	25256.68	25123.54	25288.51	0.72	ppb
Iron	57-2	26185.79	26084.93	25794.06	26021.59	0.78	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 08:08:43	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	26913.81	26921.96	26724.44	26853.41	0.42	ppb
Krypton	83-1						cps
Lead	206-1	2437.82	2426.19	2434.45	2432.82	0.25	ppb
Lead	207-1	2431.24	2432.40	2434.37	2432.67	0.07	ppb
Lead	208-1	2430.60	2423.83	2434.25	2429.56	0.22	ppb
Lithium	6-1				85		%
Magnesium	24-2	49751.68	49956.36	49045.09	49584.37	0.96	ppb
Manganese	55-2	4923.86	4969.87	4883.01	4925.58	0.88	ppb
Molybdenum	94-1	2444.91	2490.13	2519.33	2484.79	1.51	ppb
Molybdenum	95-1	2464.14	2486.46	2500.98	2483.86	0.75	ppb
Molybdenum	96-1	2451.58	2480.32	2501.49	2477.80	1.01	ppb
Molybdenum	97-1	2510.92	2539.65	2559.81	2536.79	0.97	ppb
Molybdenum	98-1	2455.83	2476.62	2516.16	2482.87	1.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	501.29	497.44	495.35	498.03	0.61	ppb
Phosphorus	31-2	9956.21	9790.56	9748.97	9831.92	1.12	ppb
Potassium	39-2	24679.39	24469.84	24390.54	24513.26	0.61	ppb
Rhodium	103-1				84		%
Rhodium	103-2				81		%
Scandium	45-1				81		%
Scandium	45-2				80		%
Selenium	82-1	516.59	497.38	509.26	507.74	1.91	ppb
Selenium	77-2	514.86	517.20	523.44	518.50	0.85	ppb
Selenium	78-2	497.88	498.49	493.62	496.66	0.53	ppb
Silicon	28-1	524.92	555.89	583.32	554.71	5.27	ppb
Silver	107-1	517.21	522.94	516.79	518.98	0.66	ppb
Silver	109-1	513.52	519.30	514.72	515.85	0.59	ppb
Sodium	23-2	49374.67	49616.46	49770.63	49587.25	0.40	ppb
Strontium	86-1	4924.97	4899.68	4967.71	4930.78	0.70	ppb
Strontium	88-1	4901.97	4903.42	4951.95	4919.11	0.58	ppb
Sulfur	34-1	9856.32	9743.14	9850.95	9816.80	0.65	ppb
Terbium	159-1				94		%
Terbium	159-2				91		%
Thallium	203-1	494.93	493.26	495.68	494.62	0.25	ppb
Thallium	205-1	487.38	486.83	490.20	488.14	0.37	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 08:08:43	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	476.15	482.31	481.46	479.97	0.70	ppb
Tin	118-1	498.14	500.29	498.77	499.07	0.22	ppb
Titanium	47-1	2453.18	2454.62	2473.40	2460.40	0.46	ppb
Uranium	238-1	477.67	485.10	486.38	483.05	0.97	ppb
Vanadium	51-2	493.44	491.05	489.94	491.48	0.36	ppb
Yttrium	89-1				85		%
Yttrium	89-2				82		%
Zinc	66-2	4951.04	4979.31	4915.50	4948.62	0.65	ppb
Zirconium	90-1	497.10	508.87	510.28	505.42	1.43	ppb
Zirconium	91-1	494.42	497.71	501.19	497.77	0.68	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 08:11:43	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20887.44	21107.75	20889.71	20961.63	0.60	ppb
Antimony	121-1	982.44	985.76	1013.22	993.81	1.70	ppb
Arsenic	75-2	998.94	1000.22	999.48	999.55	0.06	ppb
Barium	135-1	4966.99	4942.01	5030.34	4979.78	0.91	ppb
Barium	137-1	4949.91	4979.87	5070.49	5000.09	1.26	ppb
Beryllium	9-1	992.86	1006.36	998.12	999.11	0.68	ppb
Bismuth	209-1				93		%
Bismuth	209-2				88		%
Boron	10-1	970.15	1007.92	1044.34	1007.47	3.68	ppb
Boron	11-1	961.67	1012.81	1033.93	1002.80	3.70	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	983.50	986.42	1006.65	992.19	1.27	ppb
Cadmium	106-1	984.00	993.85	1001.21	993.02	0.87	ppb
Cadmium	108-1	987.58	985.73	1006.09	993.14	1.13	ppb
Calcium	43-1	110594.71	110404.88	110116.68	110372.09	0.22	ppb
Calcium	44-1	102582.82	101965.10	102041.35	102196.42	0.33	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1002.84	1005.59	999.14	1002.52	0.32	ppb
Cobalt	59-2	997.94	1009.72	994.88	1000.85	0.78	ppb
Copper	63-2	9938.75	10030.03	9971.78	9980.19	0.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				91		%
Indium	115-1				84		%
Indium	115-2				79		%
Iron	56-2	51762.23	51698.14	51130.93	51530.43	0.67	ppb
Iron	57-2	52899.99	53372.78	52466.15	52912.98	0.86	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 08:11:43	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	52360.47	52520.19	51424.73	52101.80	1.14	ppb
Krypton	83-1						cps
Lead	206-1	5101.24	5022.14	5023.98	5049.12	0.89	ppb
Lead	207-1	5110.09	5047.70	4983.89	5047.22	1.25	ppb
Lead	208-1	5082.03	5042.89	5024.22	5049.71	0.58	ppb
Lithium	6-1				82		%
Magnesium	24-2	101056.71	102244.32	101329.55	101543.53	0.61	ppb
Manganese	55-2	10112.69	10096.87	9883.52	10031.02	1.28	ppb
Molybdenum	94-1	5000.38	4985.01	5015.10	5000.17	0.30	ppb
Molybdenum	95-1	4986.92	4994.05	5024.83	5001.93	0.40	ppb
Molybdenum	96-1	5004.27	5020.22	4987.94	5004.14	0.32	ppb
Molybdenum	97-1	4939.58	5022.02	4966.42	4976.01	0.84	ppb
Molybdenum	98-1	4973.76	5049.91	5004.93	5009.53	0.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	997.62	1007.78	989.82	998.41	0.90	ppb
Phosphorus	31-2	20144.06	20213.43	19858.81	20072.10	0.94	ppb
Potassium	39-2	49802.83	50193.06	49804.64	49933.51	0.45	ppb
Rhodium	103-1				79		%
Rhodium	103-2				78		%
Scandium	45-1				77		%
Scandium	45-2				77		%
Selenium	82-1	985.51	995.09	1004.79	995.13	0.97	ppb
Selenium	77-2	991.59	1008.47	969.18	989.75	1.99	ppb
Selenium	78-2	1001.48	1015.34	980.64	999.15	1.75	ppb
Silicon	28-1	945.32	963.22	985.51	964.68	2.09	ppb
Silver	107-1	978.44	975.69	995.36	983.16	1.08	ppb
Silver	109-1	980.53	972.69	1001.55	984.92	1.52	ppb
Sodium	23-2	101757.60	102583.46	101512.13	101951.06	0.55	ppb
Strontium	86-1	10017.44	10178.86	9895.92	10030.74	1.41	ppb
Strontium	88-1	9938.27	10079.40	10137.14	10051.61	1.02	ppb
Sulfur	34-1	20093.48	19954.80	20195.05	20081.11	0.60	ppb
Terbium	159-1				93		%
Terbium	159-2				89		%
Thallium	203-1	1006.94	1004.96	1001.28	1004.39	0.29	ppb
Thallium	205-1	1010.36	1006.55	1004.10	1007.00	0.31	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 08:11:43	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	1012.49	1013.10	1019.30	1014.97	0.37	ppb
Tin	118-1	994.48	991.03	1010.33	998.61	1.03	ppb
Titanium	47-1	5011.91	5012.76	5049.58	5024.75	0.43	ppb
Uranium	238-1	1007.03	1014.78	1019.39	1013.73	0.62	ppb
Vanadium	51-2	998.40	1011.40	1003.60	1004.46	0.65	ppb
Yttrium	89-1				83		%
Yttrium	89-2				80		%
Zinc	66-2	10013.39	10106.53	9940.86	10020.26	0.83	ppb
Zirconium	90-1	991.12	1001.25	996.14	996.17	0.51	ppb
Zirconium	91-1	997.42	1004.71	1001.67	1001.27	0.37	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 08:14:41	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100241.74	99999.89	99020.64	99754.09	0.65	ppb
Antimony	121-1	0.58	0.53	0.56	0.56	4.33	ppb
Arsenic	75-2	0.31	0.43	0.33	0.35	17.64	ppb
Barium	135-1	1.92	1.97	1.92	1.94	1.42	ppb
Barium	137-1	1.84	1.97	1.93	1.91	3.52	ppb
Beryllium	9-1	0.20	0.14	0.10	0.15	34.74	ppb
Bismuth	209-1				86		%
Bismuth	209-2				82		%
Boron	10-1	30.36	27.52	23.31	27.06	13.09	ppb
Boron	11-1	32.16	28.44	24.59	28.40	13.32	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.26	0.33	0.17	0.26	31.43	ppb
Cadmium	106-1	0.81	-0.28	-1.69	-0.39		ppb
Cadmium	108-1	1.19	1.24	1.27	1.23	3.01	ppb
Calcium	43-1	492864.51	500091.88	499083.80	497346.73	0.79	ppb
Calcium	44-1	495299.12	506147.19	497206.22	499550.85	1.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.11	3.18	3.08	3.12	1.74	ppb
Cobalt	59-2	2.46	2.50	2.38	2.45	2.50	ppb
Copper	63-2	2.20	2.27	2.23	2.23	1.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				91		%
Indium	115-1				83		%
Indium	115-2				83		%
Iron	56-2	248960.63	250441.82	249546.71	249649.72	0.30	ppb
Iron	57-2	249478.93	251083.68	247240.91	249267.84	0.77	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 08:14:41	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	249718.44	250429.31	247823.79	249323.85	0.54	ppb
Krypton	83-1						cps
Lead	206-1	1.59	1.52	1.51	1.54	2.98	ppb
Lead	207-1	1.63	1.61	1.53	1.59	3.65	ppb
Lead	208-1	1.59	1.55	1.53	1.56	2.13	ppb
Lithium	6-1				82		%
Magnesium	24-2	498163.00	500784.52	500230.45	499725.99	0.28	ppb
Manganese	55-2	9.18	9.35	9.32	9.28	1.00	ppb
Molybdenum	94-1	1.24	1.43	1.11	1.26	12.76	ppb
Molybdenum	95-1	1.29	1.29	1.22	1.27	3.23	ppb
Molybdenum	96-1	1.59	1.43	1.50	1.51	5.50	ppb
Molybdenum	97-1	1.31	1.25	1.30	1.29	2.84	ppb
Molybdenum	98-1	1.34	1.20	1.19	1.24	7.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.84	4.07	3.97	3.96	2.97	ppb
Phosphorus	31-2	-16.81	2.45	8.66	-1.90		ppb
Potassium	39-2	250808.02	248091.88	251106.44	250002.11	0.66	ppb
Rhodium	103-1				76		%
Rhodium	103-2				78		%
Scandium	45-1				79		%
Scandium	45-2				84		%
Selenium	82-1	0.28	-0.31	-1.00	-0.34		ppb
Selenium	77-2	0.00	0.80	0.39	0.40	100.82	ppb
Selenium	78-2	-0.56	-0.35	-0.15	-0.35		ppb
Silicon	28-1	40.66	44.81	44.44	43.31	5.31	ppb
Silver	107-1	0.24	0.23	0.21	0.23	6.60	ppb
Silver	109-1	0.21	0.26	0.23	0.23	11.04	ppb
Sodium	23-2	500604.94	501369.68	496970.25	499648.29	0.47	ppb
Strontium	86-1	3.88	3.86	3.96	3.90	1.31	ppb
Strontium	88-1	4.03	3.92	3.96	3.97	1.35	ppb
Sulfur	34-1	83.23	319.03	-47.40	118.29	157.00	ppb
Terbium	159-1				92		%
Terbium	159-2				90		%
Thallium	203-1	0.46	0.41	0.36	0.41	12.14	ppb
Thallium	205-1	0.44	0.39	0.33	0.39	14.67	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 08:14:41	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.10	0.08	0.08	0.09	11.98	ppb
Tin	118-1	0.29	0.31	0.26	0.29	9.79	ppb
Titanium	47-1	0.93	0.96	0.93	0.94	2.00	ppb
Uranium	238-1	0.12	0.12	0.11	0.11	4.39	ppb
Vanadium	51-2	0.10	0.07	0.12	0.10	26.51	ppb
Yttrium	89-1				85		%
Yttrium	89-2				87		%
Zinc	66-2	16.07	16.09	16.35	16.17	0.97	ppb
Zirconium	90-1	0.25	0.28	0.24	0.26	7.77	ppb
Zirconium	91-1	0.25	0.20	0.17	0.21	19.45	ppb

LB Number : LB116409 Operator : JASWAL
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-21 08:35:55 DataFile Name : 011ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	523.40	520.31	506.11	516.61	1.78	ppb
Antimony	121-1	202.96	203.16	208.78	204.97	1.61	ppb
Arsenic	75-2	207.61	213.93	205.24	208.93	2.15	ppb
Barium	135-1	100.98	102.26	105.84	103.03	2.44	ppb
Barium	137-1	102.21	104.21	106.52	104.31	2.07	ppb
Beryllium	9-1	99.28	100.69	100.70	100.22	0.82	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Boron	10-1	3.00	3.16	3.25	3.14	3.93	ppb
Boron	11-1	3.86	3.07	3.26	3.40	12.19	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	106.26	106.84	109.78	107.63	1.75	ppb
Cadmium	106-1	86.96	83.07	85.55	85.19	2.31	ppb
Cadmium	108-1	92.74	89.27	92.61	91.54	2.15	ppb
Calcium	43-1	2058.54	2003.17	2017.43	2026.38	1.42	ppb
Calcium	44-1	2006.90	2010.34	2039.12	2018.79	0.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	100.08	98.94	98.47	99.16	0.84	ppb
Cobalt	59-2	101.92	101.00	100.79	101.24	0.59	ppb
Copper	63-2	103.16	101.47	101.39	102.01	0.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	56-2	2042.64	2016.47	2010.74	2023.28	0.84	ppb
Iron	57-2	2024.63	2008.61	2020.11	2017.78	0.41	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 08:35:55	DataFile Name :	011ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2166.62	2105.50	2100.47	2124.20	1.73	ppb
Krypton	83-1						cps
Lead	206-1	204.41	205.79	207.60	205.93	0.78	ppb
Lead	207-1	198.47	197.56	198.19	198.07	0.23	ppb
Lead	208-1	201.11	202.38	202.46	201.98	0.37	ppb
Lithium	6-1				102		%
Magnesium	24-2	1149.82	1136.52	1136.16	1140.83	0.68	ppb
Manganese	55-2	97.65	94.62	96.02	96.10	1.58	ppb
Molybdenum	94-1	0.09	0.12	0.07	0.09	25.02	ppb
Molybdenum	95-1	0.08	0.06	0.06	0.07	16.10	ppb
Molybdenum	96-1	0.15	0.11	0.13	0.13	16.90	ppb
Molybdenum	97-1	0.08	0.07	0.06	0.07	13.74	ppb
Molybdenum	98-1	0.09	0.08	0.09	0.08	3.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	104.62	102.77	104.01	103.80	0.91	ppb
Phosphorus	31-2	3.17	-7.57	-27.26	-10.56		ppb
Potassium	39-2	2097.98	2078.81	2033.17	2069.98	1.61	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	82-1	208.44	203.18	207.78	206.47	1.39	ppb
Selenium	77-2	211.89	204.07	196.72	204.23	3.72	ppb
Selenium	78-2	213.67	204.07	216.78	211.51	3.13	ppb
Silicon	28-1	0.84	3.91	4.46	3.07	63.60	ppb
Silver	107-1	53.66	53.48	55.17	54.10	1.72	ppb
Silver	109-1	53.53	53.54	55.04	54.03	1.61	ppb
Sodium	23-2	1967.41	1952.32	1962.51	1960.75	0.39	ppb
Strontium	86-1	0.12	0.18	0.23	0.18	30.68	ppb
Strontium	88-1	0.29	0.28	0.29	0.28	2.81	ppb
Sulfur	34-1	197.68	191.01	172.90	187.20	6.85	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	207.47	204.90	208.36	206.91	0.87	ppb
Thallium	205-1	205.62	206.86	208.51	207.00	0.70	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 08:35:55	DataFile Name :	011ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	8.76	ppb
Tin	118-1	0.08	0.08	0.04	0.07	35.77	ppb
Titanium	47-1	0.05	0.08	0.05	0.06	32.70	ppb
Uranium	238-1	0.00	0.01	0.00	0.00	25.30	ppb
Vanadium	51-2	97.25	97.06	96.16	96.82	0.60	ppb
Yttrium	89-1				99		%
Yttrium	89-2				97		%
Zinc	66-2	198.29	196.70	196.05	197.01	0.58	ppb
Zirconium	90-1	0.03	0.02	0.03	0.03	21.24	ppb
Zirconium	91-1	0.13	0.09	0.08	0.10	24.85	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 08:52:01	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.17	21.18	21.65	21.67	2.28	ppb
Antimony	121-1	1.98	2.07	2.08	2.04	2.61	ppb
Arsenic	75-2	1.07	1.14	1.04	1.08	4.68	ppb
Barium	135-1	10.48	10.45	10.18	10.37	1.61	ppb
Barium	137-1	10.35	10.26	10.37	10.33	0.53	ppb
Beryllium	9-1	0.99	1.07	1.10	1.05	5.44	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	10-1	24.58	26.48	25.69	25.59	3.73	ppb
Boron	11-1	24.52	24.88	25.62	25.00	2.24	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.11	1.11	1.08	1.10	1.63	ppb
Cadmium	106-1	-0.13	0.48	-2.11	-0.59		ppb
Cadmium	108-1	1.32	0.97	0.97	1.09	18.56	ppb
Calcium	43-1	503.96	528.46	544.37	525.60	3.87	ppb
Calcium	44-1	519.07	524.39	523.99	522.48	0.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.01	1.97	2.02	2.00	1.31	ppb
Cobalt	59-2	1.03	1.05	0.99	1.02	2.84	ppb
Copper	63-2	1.86	1.88	1.92	1.89	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				103		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	53.45	54.14	54.75	54.11	1.21	ppb
Iron	57-2	57.54	51.66	54.32	54.51	5.40	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 08:52:01	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	57.43	61.17	56.41	58.34	4.30	ppb
Krypton	83-1						cps
Lead	206-1	1.04	1.00	1.04	1.03	2.34	ppb
Lead	207-1	0.95	1.04	1.01	1.00	4.77	ppb
Lead	208-1	1.02	1.04	1.02	1.02	1.12	ppb
Lithium	6-1				106		%
Magnesium	24-2	494.54	495.68	492.21	494.14	0.36	ppb
Manganese	55-2	1.03	1.10	0.96	1.03	6.83	ppb
Molybdenum	94-1	5.00	4.89	5.13	5.01	2.39	ppb
Molybdenum	95-1	5.10	4.98	5.02	5.03	1.18	ppb
Molybdenum	96-1	4.99	5.24	5.13	5.12	2.47	ppb
Molybdenum	97-1	4.88	5.02	5.05	4.99	1.81	ppb
Molybdenum	98-1	5.11	4.99	5.03	5.04	1.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.11	0.95	0.95	1.01	9.36	ppb
Phosphorus	31-2	-21.94	-8.87	-4.54	-11.78		ppb
Potassium	39-2	516.52	524.62	527.27	522.80	1.07	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	82-1	5.70	5.33	5.29	5.44	4.13	ppb
Selenium	77-2	4.18	5.63	4.62	4.81	15.52	ppb
Selenium	78-2	3.79	4.51	5.59	4.63	19.53	ppb
Silicon	28-1	7.63	7.69	10.51	8.61	19.12	ppb
Silver	107-1	1.08	1.03	1.10	1.07	3.64	ppb
Silver	109-1	1.07	1.08	1.01	1.05	3.74	ppb
Sodium	23-2	503.90	506.75	503.53	504.73	0.35	ppb
Strontium	86-1	1.06	1.05	0.86	0.99	11.31	ppb
Strontium	88-1	1.04	1.09	1.10	1.08	3.22	ppb
Sulfur	34-1	113.64	84.48	404.93	201.02	88.15	ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	1.00	0.97	0.98	0.98	1.55	ppb
Thallium	205-1	0.94	0.96	0.92	0.94	1.86	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 08:52:01	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	294.49	ppb
Tin	118-1	5.03	5.05	5.01	5.03	0.46	ppb
Titanium	47-1	4.74	5.01	5.26	5.00	5.28	ppb
Uranium	238-1	0.90	0.87	0.86	0.88	2.00	ppb
Vanadium	51-2	4.99	4.97	4.90	4.95	0.97	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	2.11	2.33	2.12	2.18	5.58	ppb
Zirconium	90-1	0.89	0.96	1.00	0.95	5.83	ppb
Zirconium	91-1	0.83	0.83	0.97	0.88	8.91	ppb

LB Number : LB116409 Operator : JASWAL
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-21 08:55:30 DataFile Name : 015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.51	0.06	0.00	0.19	146.14	ppb
Antimony	121-1	0.00	0.01	0.01	0.01	20.50	ppb
Arsenic	75-2	0.00	0.01	-0.02	0.00		ppb
Barium	135-1	0.00	0.00	0.02	0.01	156.75	ppb
Barium	137-1	0.00	0.00	0.01	0.00	229.77	ppb
Beryllium	9-1	0.02	0.00	0.00	0.00	247.44	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	10-1	1.56	2.26	2.18	2.00	19.11	ppb
Boron	11-1	2.06	1.93	2.48	2.16	13.43	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.01	0.01	-0.03	-0.01		ppb
Cadmium	106-1	0.23	0.34	-1.37	-0.26		ppb
Cadmium	108-1	0.00	-0.11	0.03	-0.03		ppb
Calcium	43-1	-0.10	-0.89	4.00	1.00	262.68	ppb
Calcium	44-1	0.16	-0.27	-1.06	-0.39		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.02	0.00	0.02	75.53	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	-0.05	-0.03	0.00	-0.02		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	0.38	0.43	0.34	0.38	10.56	ppb
Iron	57-2	-0.64	0.14	-0.93	-0.48		ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 08:55:30	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	0.72	1.50	0.60	0.94	52.18	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.09	0.08	0.08	18.14	ppb
Lead	207-1	0.06	0.07	0.08	0.07	18.19	ppb
Lead	208-1	0.07	0.08	0.08	0.08	7.73	ppb
Lithium	6-1				104		%
Magnesium	24-2	0.51	0.67	0.61	0.60	12.93	ppb
Manganese	55-2	0.02	0.03	0.03	0.03	23.84	ppb
Molybdenum	94-1	-0.01	-0.01	0.04	0.01	405.41	ppb
Molybdenum	95-1	0.00	0.01	0.01	0.00	59.50	ppb
Molybdenum	96-1	0.00	0.01	0.01	0.00	216.69	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	528.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.08	-0.07	-0.11	-0.09		ppb
Phosphorus	31-2	2.51	8.44	-28.65	-5.90		ppb
Potassium	39-2	-3.41	-2.31	-1.00	-2.24		ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				101		%
Selenium	82-1	-0.24	0.20	0.54	0.17	230.81	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.04	0.70	0.41	0.38	85.74	ppb
Silicon	28-1	0.79	1.44	-0.16	0.69	117.25	ppb
Silver	107-1	-0.01	-0.01	-0.01	-0.01		ppb
Silver	109-1	-0.02	-0.02	-0.01	-0.02		ppb
Sodium	23-2	6.20	6.12	6.14	6.16	0.71	ppb
Strontium	86-1	-0.11	-0.06	-0.02	-0.07		ppb
Strontium	88-1	0.01	0.01	0.00	0.00	99.05	ppb
Sulfur	34-1	490.70	553.52	318.56	454.26	26.78	ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 08:55:30	DataFile Name :	015CCBE.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	0.04	0.02	0.01	0.02	61.18	ppb
Titanium	47-1	-0.01	-0.01	0.00	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	57.29	ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	112.29	ppb
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	0.26	0.15	0.10	0.17	47.63	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	113.23	ppb
Zirconium	91-1	-0.02	-0.01	0.01	0.00		ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 08:58:37	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	94380.98	92782.32	92015.00	93059.43	1.30	ppb
Antimony	121-1	1.10	1.13	1.11	1.11	1.07	ppb
Arsenic	75-2	0.33	0.35	0.25	0.31	17.68	ppb
Barium	135-1	1.40	1.30	1.48	1.39	6.43	ppb
Barium	137-1	1.37	1.55	1.29	1.40	9.57	ppb
Beryllium	9-1	0.33	0.31	0.28	0.31	9.25	ppb
Bismuth	209-1				98		%
Bismuth	209-2				93		%
Boron	10-1	2.10	2.50	1.71	2.10	18.76	ppb
Boron	11-1	2.03	2.56	2.37	2.32	11.55	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.53	0.63	0.58	0.58	8.31	ppb
Cadmium	106-1	-2.11	-2.02	-2.98	-2.37		ppb
Cadmium	108-1	14.36	14.23	14.02	14.20	1.23	ppb
Calcium	43-1	101328.59	100801.08	100124.88	100751.52	0.60	ppb
Calcium	44-1	94284.81	94383.44	93922.66	94196.97	0.26	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.39	18.69	18.82	18.97	1.96	ppb
Cobalt	59-2	1.19	1.21	1.14	1.18	2.80	ppb
Copper	63-2	7.51	7.15	7.35	7.34	2.47	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				93		%
Indium	115-2				90		%
Iron	56-2	98075.37	97072.88	96072.31	97073.52	1.03	ppb
Iron	57-2	97205.70	96743.92	94698.49	96216.04	1.39	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 08:58:37	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	97640.67	96273.57	95645.51	96519.91	1.06	ppb
Krypton	83-1						cps
Lead	206-1	4.47	4.54	4.47	4.49	0.87	ppb
Lead	207-1	4.09	4.07	4.08	4.08	0.33	ppb
Lead	208-1	4.21	4.25	4.22	4.23	0.50	ppb
Lithium	6-1				94		%
Magnesium	24-2	92860.86	90502.66	90529.52	91297.68	1.48	ppb
Manganese	55-2	7.40	7.11	7.12	7.21	2.30	ppb
Molybdenum	94-1	1324.55	1304.26	1299.92	1309.58	1.00	ppb
Molybdenum	95-1	1898.33	1885.85	1861.63	1881.94	0.99	ppb
Molybdenum	96-1	1821.70	1810.80	1780.12	1804.20	1.20	ppb
Molybdenum	97-1	1905.05	1906.21	1889.07	1900.11	0.50	ppb
Molybdenum	98-1	1875.24	1883.98	1865.18	1874.80	0.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.17	5.13	5.24	5.18	1.02	ppb
Phosphorus	31-2	98387.44	96802.24	94721.85	96637.18	1.90	ppb
Potassium	39-2	94887.91	93263.21	92975.78	93708.97	1.10	ppb
Rhodium	103-1				89		%
Rhodium	103-2				88		%
Scandium	45-1				90		%
Scandium	45-2				90		%
Selenium	82-1	-0.30	0.00	-0.66	-0.32		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.71	-0.35	-0.39	-0.48		ppb
Silicon	28-1	21.04	21.22	21.13	21.13	0.43	ppb
Silver	107-1	0.02	0.01	0.01	0.01	39.37	ppb
Silver	109-1	0.01	0.00	0.00	0.01	173.29	ppb
Sodium	23-2	97884.86	96745.64	95771.03	96800.51	1.09	ppb
Strontium	86-1	33.35	33.20	32.92	33.16	0.65	ppb
Strontium	88-1	34.13	33.76	33.49	33.79	0.95	ppb
Sulfur	34-1	94255.68	93797.44	94717.46	94256.86	0.49	ppb
Terbium	159-1				101		%
Terbium	159-2				97		%
Thallium	203-1	0.05	0.05	0.04	0.05	11.07	ppb
Thallium	205-1	0.04	0.05	0.05	0.05	11.08	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 08:58:37	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	86.39	ppb
Tin	118-1	0.11	0.11	0.15	0.12	18.39	ppb
Titanium	47-1	1936.07	1931.94	1931.52	1933.17	0.13	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	12.88	ppb
Vanadium	51-2	0.16	0.13	0.15	0.15	9.75	ppb
Yttrium	89-1				94		%
Yttrium	89-2				91		%
Zinc	66-2	10.87	11.03	10.95	10.95	0.72	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	58.72	ppb
Zirconium	91-1	0.03	0.02	0.00	0.02	117.00	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 09:01:43	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	97606.13	98194.36	97744.22	97848.24	0.31	ppb
Antimony	121-1	17.89	23.83	21.27	21.00	14.21	ppb
Arsenic	75-2	19.99	19.90	21.03	20.31	3.09	ppb
Barium	135-1	18.78	25.24	21.61	21.88	14.81	ppb
Barium	137-1	18.27	24.63	21.23	21.37	14.89	ppb
Beryllium	9-1	17.03	21.57	19.90	19.50	11.79	ppb
Bismuth	209-1				99		%
Bismuth	209-2				92		%
Boron	10-1	1.49	3.06	2.06	2.20	36.08	ppb
Boron	11-1	1.64	3.08	2.45	2.39	30.22	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	16.87	23.49	20.39	20.25	16.37	ppb
Cadmium	106-1	12.38	15.41	12.05	13.28	13.92	ppb
Cadmium	108-1	25.98	38.23	32.22	32.14	19.06	ppb
Calcium	43-1	88286.68	124506.82	107365.16	106719.55	16.98	ppb
Calcium	44-1	83118.80	117198.29	101383.36	100566.82	16.96	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.57	39.38	39.54	39.16	1.33	ppb
Cobalt	59-2	20.39	20.78	20.67	20.61	0.98	ppb
Copper	63-2	26.71	27.04	26.94	26.90	0.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				98		%
Indium	115-1				96		%
Indium	115-2				91		%
Iron	56-2	102175.00	103284.43	102176.98	102545.47	0.62	ppb
Iron	57-2	102116.43	102795.85	102744.24	102552.18	0.37	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 09:01:43	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	102363.48	103248.32	102768.27	102793.36	0.43	ppb
Krypton	83-1						cps
Lead	206-1	20.32	28.40	24.52	24.41	16.55	ppb
Lead	207-1	19.37	27.65	23.16	23.39	17.72	ppb
Lead	208-1	19.61	27.77	23.64	23.67	17.23	ppb
Lithium	6-1				94		%
Magnesium	24-2	95827.65	96256.27	96508.01	96197.31	0.36	ppb
Manganese	55-2	26.73	27.24	26.40	26.79	1.59	ppb
Molybdenum	94-1	1169.53	1616.45	1391.55	1392.51	16.05	ppb
Molybdenum	95-1	1659.87	2294.64	1993.21	1982.57	16.02	ppb
Molybdenum	96-1	1603.73	2226.54	1898.01	1909.42	16.32	ppb
Molybdenum	97-1	1672.23	2327.70	2012.94	2004.29	16.36	ppb
Molybdenum	98-1	1664.65	2291.68	1982.41	1979.58	15.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.89	24.70	25.26	24.95	1.14	ppb
Phosphorus	31-2	101498.95	100994.46	102063.45	101518.95	0.53	ppb
Potassium	39-2	99701.28	99296.11	98664.57	99220.66	0.53	ppb
Rhodium	103-1				91		%
Rhodium	103-2				88		%
Scandium	45-1				92		%
Scandium	45-2				90		%
Selenium	82-1	15.31	22.62	19.14	19.02	19.21	ppb
Selenium	77-2	19.89	22.53	18.14	20.19	10.95	ppb
Selenium	78-2	19.03	18.67	15.62	17.77	10.54	ppb
Silicon	28-1	14.73	31.83	26.19	24.25	35.93	ppb
Silver	107-1	16.25	22.56	19.09	19.30	16.37	ppb
Silver	109-1	16.36	22.15	19.40	19.30	14.99	ppb
Sodium	23-2	101788.95	101135.14	101562.00	101495.36	0.33	ppb
Strontium	86-1	29.53	42.14	34.53	35.40	17.95	ppb
Strontium	88-1	29.41	41.68	35.55	35.54	17.27	ppb
Sulfur	34-1	78892.62	121448.28	99281.29	99874.07	21.31	ppb
Terbium	159-1				102		%
Terbium	159-2				97		%
Thallium	203-1	16.73	23.28	19.90	19.97	16.39	ppb
Thallium	205-1	16.67	23.35	19.93	19.98	16.73	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 09:01:43	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	116.84	ppb
Tin	118-1	0.08	0.17	0.11	0.12	40.12	ppb
Titanium	47-1	1698.76	2385.93	2062.59	2049.09	16.78	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	9.56	ppb
Vanadium	51-2	18.95	19.23	19.06	19.08	0.76	ppb
Yttrium	89-1				96		%
Yttrium	89-2				92		%
Zinc	66-2	30.34	30.56	31.07	30.66	1.21	ppb
Zirconium	90-1	0.02	0.01	0.03	0.02	43.36	ppb
Zirconium	91-1	0.00	0.01	0.03	0.01	100.95	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	CCV04	Instrumnet Name :	P7
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 09:04:47	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47679.97	46768.55	47348.28	47265.60	0.98	ppb
Antimony	121-1	497.85	506.32	512.56	505.58	1.46	ppb
Arsenic	75-2	484.06	489.80	486.20	486.68	0.60	ppb
Barium	135-1	2484.20	2493.81	2511.27	2496.43	0.55	ppb
Barium	137-1	2475.70	2476.28	2518.79	2490.26	0.99	ppb
Beryllium	9-1	490.27	489.58	485.00	488.28	0.59	ppb
Bismuth	209-1				94		%
Bismuth	209-2				87		%
Boron	10-1	458.69	468.15	480.76	469.20	2.36	ppb
Boron	11-1	468.56	478.22	495.66	480.81	2.86	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	479.81	478.40	485.85	481.35	0.82	ppb
Cadmium	106-1	1356.84	1344.84	1376.95	1359.54	1.19	ppb
Cadmium	108-1	938.40	925.31	952.60	938.77	1.45	ppb
Calcium	43-1	258528.76	256736.18	241773.75	252346.23	3.65	ppb
Calcium	44-1	242534.93	238630.47	239187.98	240117.79	0.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	468.86	464.34	464.14	465.78	0.57	ppb
Cobalt	59-2	460.37	460.58	453.68	458.21	0.86	ppb
Copper	63-2	4782.45	4699.96	4710.25	4730.89	0.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				94		%
Indium	115-1				91		%
Indium	115-2				85		%
Iron	56-2	118527.05	117827.48	117254.24	117869.59	0.54	ppb
Iron	57-2	118383.94	116847.32	117133.42	117454.90	0.70	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	CCV04	Instrumnet Name :	P7
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 09:04:47	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	119684.55	117975.25	116830.32	118163.37	1.22	ppb
Krypton	83-1						cps
Lead	206-1	2499.35	2449.34	2456.81	2468.50	1.09	ppb
Lead	207-1	2518.57	2463.42	2506.18	2496.06	1.16	ppb
Lead	208-1	2508.70	2459.10	2471.98	2479.93	1.04	ppb
Lithium	6-1				91		%
Magnesium	24-2	241319.94	236478.95	237115.74	238304.88	1.10	ppb
Manganese	55-2	4640.91	4604.71	4592.29	4612.64	0.55	ppb
Molybdenum	94-1	9369.29	9389.40	9396.47	9385.05	0.15	ppb
Molybdenum	95-1	2450.94	2490.48	2493.26	2478.23	0.96	ppb
Molybdenum	96-1	3302.86	3291.24	3336.84	3310.31	0.72	ppb
Molybdenum	97-1	2488.73	2496.04	2505.87	2496.88	0.34	ppb
Molybdenum	98-1	2424.93	2464.54	2490.18	2459.88	1.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	454.17	455.15	448.86	452.73	0.75	ppb
Phosphorus	31-2	9493.62	9407.20	9512.96	9471.26	0.59	ppb
Potassium	39-2	118147.57	117174.41	116747.66	117356.55	0.61	ppb
Rhodium	103-1				86		%
Rhodium	103-2				82		%
Scandium	45-1				90		%
Scandium	45-2				91		%
Selenium	82-1	475.65	470.76	466.51	470.97	0.97	ppb
Selenium	77-2	501.71	461.56	488.18	483.82	4.22	ppb
Selenium	78-2	487.74	472.86	481.71	480.77	1.56	ppb
Silicon	28-1	498.50	523.15	535.91	519.19	3.66	ppb
Silver	107-1	487.97	486.33	494.31	489.54	0.86	ppb
Silver	109-1	479.90	480.30	487.67	482.62	0.91	ppb
Sodium	23-2	239218.61	232018.41	235845.77	235694.26	1.53	ppb
Strontium	86-1	4863.26	4881.44	4910.20	4884.97	0.48	ppb
Strontium	88-1	4886.12	4944.95	4926.65	4919.24	0.61	ppb
Sulfur	34-1	9539.19	9677.19	9794.43	9670.27	1.32	ppb
Terbium	159-1				99		%
Terbium	159-2				93		%
Thallium	203-1	505.87	500.57	495.34	500.60	1.05	ppb
Thallium	205-1	504.25	501.22	492.00	499.16	1.28	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	CCV04	Instrumnet Name :	P7
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 09:04:47	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	516.46	501.05	503.38	506.96	1.64	ppb
Tin	118-1	489.04	494.12	490.73	491.29	0.53	ppb
Titanium	47-1	2444.91	2447.66	2435.42	2442.66	0.26	ppb
Uranium	238-1	509.10	501.99	495.42	502.17	1.36	ppb
Vanadium	51-2	471.52	469.36	463.93	468.27	0.84	ppb
Yttrium	89-1				92		%
Yttrium	89-2				88		%
Zinc	66-2	4603.13	4578.66	4528.69	4570.16	0.83	ppb
Zirconium	90-1	4906.52	4972.02	4933.59	4937.38	0.67	ppb
Zirconium	91-1	4829.15	4857.95	4844.35	4843.82	0.30	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	CCB04	Instrumnet Name :	P7
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 09:16:44	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.67	1.41	0.16	0.75	83.81	ppb
Antimony	121-1	0.04	0.04	0.04	0.04	2.36	ppb
Arsenic	75-2	-0.02	0.00	0.00	-0.01		ppb
Barium	135-1	0.06	0.03	0.06	0.05	35.07	ppb
Barium	137-1	0.03	0.04	0.04	0.04	19.99	ppb
Beryllium	9-1	0.03	0.02	0.02	0.02	15.86	ppb
Bismuth	209-1				101		%
Bismuth	209-2				96		%
Boron	10-1	2.32	2.20	2.97	2.50	16.50	ppb
Boron	11-1	2.78	2.24	2.63	2.55	10.96	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.06	-0.09	-0.06	-0.07		ppb
Cadmium	106-1	-2.16	-4.35	-3.14	-3.22		ppb
Cadmium	108-1	0.03	0.03	0.03	0.03	3.82	ppb
Calcium	43-1	-1.30	4.11	1.28	1.36	198.36	ppb
Calcium	44-1	2.99	2.94	1.71	2.55	28.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.02	0.00	0.02	121.05	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	27.46	ppb
Copper	63-2	0.12	0.15	0.09	0.12	23.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				96		%
Indium	115-1				98		%
Indium	115-2				95		%
Iron	56-2	2.04	2.44	2.39	2.29	9.50	ppb
Iron	57-2	1.93	1.28	2.14	1.78	25.12	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	CCB04	Instrumnet Name :	P7
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 09:16:44	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	4.14	4.93	1.31	3.46	55.07	ppb
Krypton	83-1						cps
Lead	206-1	0.11	0.10	0.09	0.10	8.98	ppb
Lead	207-1	0.08	0.08	0.08	0.08	2.41	ppb
Lead	208-1	0.09	0.08	0.08	0.08	7.52	ppb
Lithium	6-1				99		%
Magnesium	24-2	3.85	4.79	3.93	4.19	12.41	ppb
Manganese	55-2	0.07	0.10	0.08	0.08	14.93	ppb
Molybdenum	94-1	0.20	0.18	0.24	0.21	16.65	ppb
Molybdenum	95-1	0.07	0.06	0.05	0.06	16.19	ppb
Molybdenum	96-1	0.10	0.07	0.08	0.08	14.18	ppb
Molybdenum	97-1	0.08	0.04	0.06	0.06	40.85	ppb
Molybdenum	98-1	0.06	0.05	0.06	0.06	7.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	-0.05	-0.06	-0.05		ppb
Phosphorus	31-2	-9.42	-23.43	8.78	-8.02		ppb
Potassium	39-2	3.74	8.40	4.31	5.48	46.41	ppb
Rhodium	103-1				98		%
Rhodium	103-2				94		%
Scandium	45-1				94		%
Scandium	45-2				94		%
Selenium	82-1	0.54	-0.55	0.21	0.07	836.84	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.69	-0.56	-0.84	-0.70		ppb
Silicon	28-1	-2.35	-1.76	-2.80	-2.30		ppb
Silver	107-1	0.01	0.00	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.56	0.19	174.18	ppb
Sodium	23-2	23.73	24.16	22.83	23.57	2.87	ppb
Strontium	86-1	-0.04	0.08	0.03	0.02	276.54	ppb
Strontium	88-1	0.09	0.06	0.07	0.07	22.02	ppb
Sulfur	34-1	-35.51	24.37	-80.51	-30.55		ppb
Terbium	159-1				101		%
Terbium	159-2				96		%
Thallium	203-1	0.02	0.04	0.04	0.03	21.00	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	3.24	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	CCB04	Instrumnet Name :	P7
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 09:16:44	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.01	0.01	0.01	18.86	ppb
Tin	118-1	0.00	0.01	-0.01	0.00		ppb
Titanium	47-1	0.04	0.04	-0.01	0.02	115.30	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	6.81	ppb
Vanadium	51-2	0.01	0.02	0.01	0.01	49.88	ppb
Yttrium	89-1				98		%
Yttrium	89-2				93		%
Zinc	66-2	0.18	0.12	-0.01	0.10	95.72	ppb
Zirconium	90-1	0.11	0.11	0.09	0.10	13.23	ppb
Zirconium	91-1	0.09	0.10	0.07	0.09	18.19	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	CRIRE	Instrumnet Name :	P7
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 09:24:19	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23.34	19.57	23.03	21.98	9.52	ppb
Antimony	121-1	2.09	2.06	2.02	2.06	1.68	ppb
Arsenic	75-2	0.99	1.21	1.07	1.09	10.21	ppb
Barium	135-1	10.22	9.83	10.25	10.10	2.34	ppb
Barium	137-1	10.52	10.27	10.24	10.34	1.51	ppb
Beryllium	9-1	0.91	1.13	1.02	1.02	10.61	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Boron	10-1	22.62	22.93	24.41	23.32	4.10	ppb
Boron	11-1	24.03	24.37	25.30	24.57	2.68	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.96	0.93	1.04	0.98	5.43	ppb
Cadmium	106-1	-2.81	-3.24	-0.60	-2.22		ppb
Cadmium	108-1	1.49	0.86	1.20	1.18	26.64	ppb
Calcium	43-1	523.02	522.85	521.60	522.49	0.15	ppb
Calcium	44-1	522.65	517.63	520.33	520.20	0.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.01	2.08	1.98	2.02	2.52	ppb
Cobalt	59-2	0.96	1.00	0.98	0.98	2.10	ppb
Copper	63-2	1.93	1.90	2.04	1.96	3.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	56-2	54.99	55.91	56.44	55.78	1.32	ppb
Iron	57-2	57.53	56.20	54.62	56.12	2.59	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	CRIRE	Instrumnet Name :	P7
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 09:24:19	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	59.72	59.61	57.72	59.02	1.90	ppb
Krypton	83-1						cps
Lead	206-1	1.02	0.91	1.02	0.98	6.50	ppb
Lead	207-1	1.02	0.99	1.06	1.02	3.22	ppb
Lead	208-1	1.02	0.97	1.02	1.00	2.84	ppb
Lithium	6-1				99		%
Magnesium	24-2	492.00	480.39	499.19	490.53	1.93	ppb
Manganese	55-2	1.07	0.99	1.05	1.04	4.00	ppb
Molybdenum	94-1	5.18	5.17	4.98	5.11	2.24	ppb
Molybdenum	95-1	4.83	4.98	4.99	4.93	1.85	ppb
Molybdenum	96-1	5.07	4.72	4.93	4.91	3.58	ppb
Molybdenum	97-1	5.09	4.90	5.09	5.03	2.20	ppb
Molybdenum	98-1	4.95	4.95	5.03	4.97	0.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.06	1.15	0.94	1.05	10.13	ppb
Phosphorus	31-2	-39.01	-4.10	-3.54	-15.55		ppb
Potassium	39-2	528.98	516.97	534.74	526.90	1.72	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	82-1	4.64	5.56	3.83	4.68	18.45	ppb
Selenium	77-2	10.30	4.71	3.93	6.31	55.02	ppb
Selenium	78-2	4.98	6.66	3.98	5.21	26.02	ppb
Silicon	28-1	8.42	8.45	8.86	8.58	2.86	ppb
Silver	107-1	1.12	1.05	1.05	1.07	3.94	ppb
Silver	109-1	1.03	1.00	1.04	1.03	2.04	ppb
Sodium	23-2	504.96	500.59	518.37	507.97	1.82	ppb
Strontium	86-1	0.94	0.94	1.10	0.99	9.72	ppb
Strontium	88-1	1.06	1.07	1.10	1.08	1.96	ppb
Sulfur	34-1	198.69	148.73	118.45	155.29	26.09	ppb
Terbium	159-1				102		%
Terbium	159-2				98		%
Thallium	203-1	1.00	0.99	0.97	0.99	1.51	ppb
Thallium	205-1	0.96	1.00	1.00	0.99	2.31	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	CRIRE	Instrumnet Name :	P7
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 09:24:19	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	76.98	ppb
Tin	118-1	5.07	5.02	5.08	5.06	0.63	ppb
Titanium	47-1	4.91	4.82	5.06	4.93	2.52	ppb
Uranium	238-1	0.90	0.88	0.90	0.89	0.89	ppb
Vanadium	51-2	5.06	5.02	5.07	5.05	0.55	ppb
Yttrium	89-1				100		%
Yttrium	89-2				96		%
Zinc	66-2	2.15	2.16	2.30	2.21	3.74	ppb
Zirconium	90-1	1.01	1.04	1.04	1.03	1.78	ppb
Zirconium	91-1	1.00	1.00	1.10	1.03	5.57	ppb

LB Number : LB116409 Operator : JASWAL
 Lab Sample ID : PB139154BL Instrumnet Name : P7
 Client Sample ID : PBW154 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-21 09:57:47 DataFile Name : 021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.18	0.06	0.00	-0.04		ppb
Antimony	121-1	0.01	0.00	0.01	0.01	40.07	ppb
Arsenic	75-2	-0.01	0.00	0.00	-0.01		ppb
Barium	135-1	0.00	0.00	-0.01	0.00		ppb
Barium	137-1	0.00	0.00	0.00	0.00		ppb
Beryllium	9-1	0.01	-0.01	0.00	0.00	1226.08	ppb
Bismuth	209-1				108		%
Bismuth	209-2				98		%
Boron	10-1	0.76	0.82	0.13	0.57	67.21	ppb
Boron	11-1	0.53	0.76	0.53	0.61	21.78	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.09	-0.07	-0.09	-0.08		ppb
Cadmium	106-1	-3.47	-3.15	-3.58	-3.40		ppb
Cadmium	108-1	0.01	-0.01	0.02	0.01	275.76	ppb
Calcium	43-1	-1.94	2.03	-1.29	-0.40		ppb
Calcium	44-1	-3.23	-3.60	-3.18	-3.34		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	0.00	-0.02	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	-0.06	-0.05	-0.04	-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				109		%
Holmium	165-2				100		%
Indium	115-1				109		%
Indium	115-2				99		%
Iron	56-2	0.14	0.17	0.23	0.18	23.86	ppb
Iron	57-2	-0.64	0.55	-0.93	-0.34		ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	PB139154BL	Instrumnet Name :	P7
Client Sample ID :	PBW154	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 09:57:47	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	0.78	1.70	0.61	1.03	57.07	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.02	0.02	0.02	28.96	ppb
Lead	207-1	0.03	0.02	0.03	0.03	34.61	ppb
Lead	208-1	0.03	0.03	0.03	0.03	8.35	ppb
Lithium	6-1				109		%
Magnesium	24-2	0.49	0.37	0.61	0.49	24.81	ppb
Manganese	55-2	-0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	94-1	0.03	0.05	0.02	0.03	47.11	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	96-1	0.01	0.01	0.00	0.01	112.79	ppb
Molybdenum	97-1	0.00	0.00	0.01	0.00	183.53	ppb
Molybdenum	98-1	0.00	0.01	0.00	0.00	45.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.09	-0.07	-0.12	-0.09		ppb
Phosphorus	31-2	-19.34	-11.27	-37.05	-22.55		ppb
Potassium	39-2	-1.93	-3.43	-0.50	-1.95		ppb
Rhodium	103-1				108		%
Rhodium	103-2				99		%
Scandium	45-1				107		%
Scandium	45-2				101		%
Selenium	82-1	-0.23	-0.57	-0.08	-0.29		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.32	-0.14	-0.31	-0.26		ppb
Silicon	28-1	-5.10	-5.44	-3.75	-4.76		ppb
Silver	107-1	-0.02	-0.02	-0.01	-0.02		ppb
Silver	109-1	-0.02	-0.02	-0.02	-0.02		ppb
Sodium	23-2	4.18	5.34	4.61	4.71	12.51	ppb
Strontium	86-1	-0.09	-0.11	-0.15	-0.12		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-216.08	-186.56	13.20	-129.81		ppb
Terbium	159-1				109		%
Terbium	159-2				99		%
Thallium	203-1	0.01	0.00	0.00	0.00	513.90	ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	PB139154BL	Instrumnet Name :	P7
Client Sample ID :	PBW154	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 09:57:47	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	-0.01	-0.02	0.01	-0.01		ppb
Titanium	47-1	0.02	-0.02	0.02	0.01	384.86	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	95.31	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	8631.90	ppb
Yttrium	89-1				109		%
Yttrium	89-2				98		%
Zinc	66-2	-0.16	-0.08	-0.03	-0.09		ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	9.15	ppb
Zirconium	91-1	0.02	0.00	0.00	0.01	131.17	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	PB139154BS	Instrumnet Name :	P7
Client Sample ID :	LCS154	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:00:53	DataFile Name :	022LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39.70	44.21	44.44	42.79	6.25	ppb
Antimony	121-1	4.22	4.05	4.00	4.09	2.75	ppb
Arsenic	75-2	2.06	1.87	2.14	2.03	6.75	ppb
Barium	135-1	20.49	20.29	20.16	20.31	0.82	ppb
Barium	137-1	20.09	20.28	20.07	20.15	0.58	ppb
Beryllium	9-1	2.01	2.08	1.99	2.03	2.39	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Boron	10-1	46.80	47.28	47.03	47.04	0.51	ppb
Boron	11-1	44.83	45.00	48.17	46.00	4.09	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	2.53	2.28	2.11	2.30	9.21	ppb
Cadmium	106-1	2.94	0.86	-0.06	1.25	123.16	ppb
Cadmium	108-1	2.05	1.80	2.34	2.06	12.97	ppb
Calcium	43-1	1013.89	990.84	1023.67	1009.47	1.67	ppb
Calcium	44-1	1034.34	1006.14	1007.92	1016.13	1.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.91	4.02	3.98	3.97	1.52	ppb
Cobalt	59-2	2.03	1.98	2.00	2.01	1.09	ppb
Copper	63-2	3.73	3.76	3.84	3.78	1.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	459.76	457.86	457.41	458.34	0.27	ppb
Iron	57-2	448.74	458.68	453.81	453.74	1.10	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	PB139154BS	Instrumnet Name :	P7
Client Sample ID :	LCS154	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:00:53	DataFile Name :	022LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	477.32	474.26	468.95	473.51	0.89	ppb
Krypton	83-1						cps
Lead	206-1	1.84	1.94	1.92	1.90	2.90	ppb
Lead	207-1	1.96	1.83	1.85	1.88	3.72	ppb
Lead	208-1	1.92	1.86	1.91	1.90	1.50	ppb
Lithium	6-1				101		%
Magnesium	24-2	942.42	960.36	942.82	948.53	1.08	ppb
Manganese	55-2	1.99	2.02	2.05	2.02	1.32	ppb
Molybdenum	94-1	9.64	9.39	9.48	9.50	1.33	ppb
Molybdenum	95-1	9.89	10.18	9.80	9.96	1.96	ppb
Molybdenum	96-1	9.81	9.76	9.82	9.80	0.32	ppb
Molybdenum	97-1	9.79	9.75	9.64	9.73	0.82	ppb
Molybdenum	98-1	9.88	9.83	9.91	9.88	0.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.99	2.15	2.00	2.05	4.22	ppb
Phosphorus	31-2	-11.89	-10.42	3.25	-6.35		ppb
Potassium	39-2	1039.57	1030.99	1021.81	1030.79	0.86	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	82-1	9.56	9.10	10.22	9.63	5.84	ppb
Selenium	77-2	10.76	8.44	11.63	10.28	16.04	ppb
Selenium	78-2	9.73	11.57	10.20	10.50	9.14	ppb
Silicon	28-1	17.76	17.03	16.46	17.08	3.83	ppb
Silver	107-1	2.25	2.17	2.17	2.20	2.04	ppb
Silver	109-1	2.08	2.03	2.13	2.08	2.21	ppb
Sodium	23-2	953.26	982.94	982.32	972.84	1.74	ppb
Strontium	86-1	2.16	2.10	2.12	2.13	1.47	ppb
Strontium	88-1	2.18	2.13	2.12	2.15	1.54	ppb
Sulfur	34-1	1033.54	475.81	601.66	703.67	41.57	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	1.84	1.85	1.90	1.86	1.91	ppb
Thallium	205-1	1.90	1.82	1.86	1.86	2.00	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	PB139154BS	Instrumnet Name :	P7
Client Sample ID :	LCS154	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:00:53	DataFile Name :	022LCSE.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	9.94	9.68	9.76	9.79	1.37	ppb
Titanium	47-1	9.44	9.65	9.47	9.52	1.20	ppb
Uranium	238-1	1.76	1.69	1.70	1.72	2.19	ppb
Vanadium	51-2	9.82	9.57	9.69	9.69	1.28	ppb
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	10.22	10.12	9.76	10.03	2.37	ppb
Zirconium	90-1	1.81	1.86	1.90	1.86	2.63	ppb
Zirconium	91-1	1.80	1.77	2.01	1.86	7.03	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	PB139155BL	Instrumnet Name :	P7
Client Sample ID :	PBW155	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:04:00	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.04	0.11	-0.07	0.03	299.14	ppb
Antimony	121-1	0.00	0.00	0.00	0.00		ppb
Arsenic	75-2	-0.02	-0.01	-0.02	-0.01		ppb
Barium	135-1	-0.01	0.00	0.00	0.00		ppb
Barium	137-1	-0.01	0.00	0.00	-0.01		ppb
Beryllium	9-1	0.01	-0.02	0.00	0.00		ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Boron	10-1	1.91	1.49	1.29	1.56	20.24	ppb
Boron	11-1	1.96	1.79	1.58	1.78	10.82	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.00	-0.07	-0.03	-0.04		ppb
Cadmium	106-1	-0.22	-3.10	-1.27	-1.53		ppb
Cadmium	108-1	-0.06	-0.06	-0.06	-0.06		ppb
Calcium	43-1	0.20	-1.05	1.74	0.29	473.34	ppb
Calcium	44-1	-3.81	-3.03	-2.63	-3.16		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.01	0.02	0.01	70.56	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	-0.08	-0.05	-0.05	-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				103		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	0.13	0.01	0.08	0.08	79.83	ppb
Iron	57-2	-0.82	-0.38	-1.61	-0.94		ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	PB139155BL	Instrumnet Name :	P7
Client Sample ID :	PBW155	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:04:00	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	0.93	0.01	1.60	0.84	94.68	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.01	0.04	0.03	42.08	ppb
Lead	207-1	0.03	0.02	0.04	0.03	23.01	ppb
Lead	208-1	0.03	0.02	0.03	0.03	14.80	ppb
Lithium	6-1				104		%
Magnesium	24-2	0.27	0.41	0.38	0.35	21.79	ppb
Manganese	55-2	0.00	0.00	-0.01	0.00		ppb
Molybdenum	94-1	0.00	0.00	0.02	0.01	109.29	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	96-1	0.00	0.01	0.01	0.01	90.78	ppb
Molybdenum	97-1	0.00	0.00	0.01	0.00	372.40	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.10	-0.09	-0.14	-0.11		ppb
Phosphorus	31-2	-28.76	-22.27	-16.78	-22.60		ppb
Potassium	39-2	-4.81	-6.38	-8.63	-6.61		ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	82-1	0.06	0.04	0.00	0.03	88.74	ppb
Selenium	77-2	0.00	0.00	0.35	0.12	173.21	ppb
Selenium	78-2	-0.82	-0.69	-0.59	-0.70		ppb
Silicon	28-1	-2.06	-1.00	-1.39	-1.48		ppb
Silver	107-1	-0.02	-0.01	-0.01	-0.01		ppb
Silver	109-1	-0.02	-0.01	-0.02	-0.02		ppb
Sodium	23-2	3.65	3.80	3.80	3.75	2.35	ppb
Strontium	86-1	-0.16	-0.11	-0.01	-0.10		ppb
Strontium	88-1	0.00	0.01	0.00	0.00	334.28	ppb
Sulfur	34-1	559.57	694.45	551.85	601.96	13.32	ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	PB139155BL	Instrumnet Name :	P7
Client Sample ID :	PBW155	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:04:00	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	-0.01	-0.02	0.00	-0.01		ppb
Titanium	47-1	0.00	-0.02	0.00	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	103.92	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	342.44	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	-0.13	-0.18	-0.16	-0.15		ppb
Zirconium	90-1	0.01	0.00	0.00	0.00	249.69	ppb
Zirconium	91-1	0.01	-0.01	-0.01	0.00		ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	PB139155BS	Instrumnet Name :	P7
Client Sample ID :	LCS155	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:07:08	DataFile Name :	024LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41.35	42.76	43.26	42.46	2.33	ppb
Antimony	121-1	4.11	3.95	4.19	4.08	3.03	ppb
Arsenic	75-2	1.98	2.15	2.04	2.05	4.15	ppb
Barium	135-1	21.02	20.01	20.67	20.56	2.50	ppb
Barium	137-1	21.07	20.44	20.87	20.79	1.57	ppb
Beryllium	9-1	2.00	2.14	2.06	2.07	3.50	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Boron	10-1	45.15	48.25	45.13	46.18	3.89	ppb
Boron	11-1	44.97	48.65	46.51	46.71	3.95	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	2.37	2.39	2.56	2.44	4.32	ppb
Cadmium	106-1	1.05	2.39	0.94	1.46	55.15	ppb
Cadmium	108-1	2.89	2.11	2.32	2.44	16.37	ppb
Calcium	43-1	1017.13	1014.76	1013.53	1015.14	0.18	ppb
Calcium	44-1	1026.08	1029.18	1013.31	1022.86	0.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.06	4.11	4.05	4.07	0.71	ppb
Cobalt	59-2	2.00	2.00	1.93	1.98	1.91	ppb
Copper	63-2	3.82	3.82	3.61	3.75	3.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				99		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	474.49	472.21	472.23	472.98	0.28	ppb
Iron	57-2	467.96	467.28	445.74	460.32	2.75	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	PB139155BS	Instrumnet Name :	P7
Client Sample ID :	LCS155	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:07:08	DataFile Name :	024LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	495.23	481.66	477.61	484.83	1.90	ppb
Krypton	83-1						cps
Lead	206-1	1.89	1.86	1.91	1.88	1.44	ppb
Lead	207-1	1.93	1.96	1.87	1.92	2.30	ppb
Lead	208-1	1.92	1.93	1.92	1.92	0.36	ppb
Lithium	6-1				102		%
Magnesium	24-2	961.24	977.35	957.71	965.43	1.08	ppb
Manganese	55-2	2.01	2.05	2.17	2.08	4.11	ppb
Molybdenum	94-1	9.80	9.81	9.83	9.81	0.16	ppb
Molybdenum	95-1	9.88	9.89	10.12	9.96	1.37	ppb
Molybdenum	96-1	10.06	9.86	10.04	9.99	1.10	ppb
Molybdenum	97-1	9.88	9.79	9.38	9.68	2.77	ppb
Molybdenum	98-1	9.86	9.70	9.95	9.84	1.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.11	1.95	2.05	2.04	3.91	ppb
Phosphorus	31-2	-23.65	2.47	-31.64	-17.60		ppb
Potassium	39-2	1030.54	1031.97	1033.17	1031.89	0.13	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	82-1	9.45	10.34	9.92	9.90	4.51	ppb
Selenium	77-2	9.94	9.97	8.32	9.41	10.07	ppb
Selenium	78-2	11.18	10.81	9.57	10.52	8.02	ppb
Silicon	28-1	17.12	16.81	18.85	17.59	6.25	ppb
Silver	107-1	2.14	2.09	2.11	2.11	1.19	ppb
Silver	109-1	2.18	2.15	2.14	2.16	0.87	ppb
Sodium	23-2	983.33	994.39	965.90	981.21	1.46	ppb
Strontium	86-1	2.05	1.94	2.11	2.03	4.31	ppb
Strontium	88-1	2.10	2.10	2.13	2.11	0.79	ppb
Sulfur	34-1	609.81	533.04	677.40	606.75	11.90	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	1.92	1.91	1.94	1.92	0.70	ppb
Thallium	205-1	1.86	1.87	1.86	1.86	0.49	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	PB139155BS	Instrumnet Name :	P7
Client Sample ID :	LCS155	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:07:08	DataFile Name :	024LCSE.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	10.08	9.74	10.11	9.97	2.04	ppb
Titanium	47-1	10.03	9.70	9.99	9.91	1.84	ppb
Uranium	238-1	1.75	1.74	1.74	1.74	0.44	ppb
Vanadium	51-2	10.12	9.82	9.94	9.96	1.54	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	10.22	10.17	9.75	10.05	2.55	ppb
Zirconium	90-1	1.94	1.91	1.93	1.93	0.84	ppb
Zirconium	91-1	1.96	1.77	1.93	1.88	5.55	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3747-08	Instrumnet Name :	P7
Client Sample ID :	A0AT8	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:10:15	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	629.29	640.90	620.15	630.11	1.65	ppb
Antimony	121-1	5.96	5.71	6.08	5.92	3.15	ppb
Arsenic	75-2	2.99	3.15	3.15	3.10	3.09	ppb
Barium	135-1	30.87	29.99	31.44	30.77	2.38	ppb
Barium	137-1	30.76	30.15	30.99	30.63	1.42	ppb
Beryllium	9-1	11.53	11.79	11.63	11.65	1.12	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Boron	10-1	2.04	1.58	2.17	1.93	16.14	ppb
Boron	11-1	2.45	2.13	2.08	2.22	9.06	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.03	-0.04	-0.02	-0.03		ppb
Cadmium	106-1	-1.02	-1.65	-0.88	-1.18		ppb
Cadmium	108-1	0.05	-0.01	-0.03	0.01	783.52	ppb
Calcium	43-1	473.03	457.77	474.51	468.44	1.98	ppb
Calcium	44-1	458.90	457.45	460.67	459.01	0.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9.51	9.73	9.88	9.71	1.90	ppb
Cobalt	59-2	3.83	3.92	3.95	3.90	1.64	ppb
Copper	63-2	9.03	9.07	8.92	9.01	0.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				99		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	760.55	763.59	755.82	759.98	0.51	ppb
Iron	57-2	744.92	759.54	740.70	748.39	1.32	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3747-08	Instrumnet Name :	P7
Client Sample ID :	A0AT8	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:10:15	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	780.59	794.90	784.53	786.67	0.94	ppb
Krypton	83-1						cps
Lead	206-1	2.78	2.88	2.88	2.85	2.09	ppb
Lead	207-1	2.85	2.84	2.89	2.86	0.88	ppb
Lead	208-1	2.80	2.87	2.87	2.85	1.48	ppb
Lithium	6-1				103		%
Magnesium	24-2	248.57	248.44	243.52	246.84	1.17	ppb
Manganese	55-2	2.92	2.95	2.92	2.93	0.55	ppb
Molybdenum	94-1	0.00	-0.01	0.00	0.00		ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	468.17	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	98-1	0.00	0.01	0.00	0.00	144.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.95	3.90	3.71	3.85	3.35	ppb
Phosphorus	31-2	-9.53	-30.14	-18.63	-19.43		ppb
Potassium	39-2	505.56	518.65	513.10	512.44	1.28	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	82-1	15.04	14.83	15.74	15.20	3.15	ppb
Selenium	77-2	17.99	14.35	18.88	17.07	14.06	ppb
Selenium	78-2	14.20	16.33	17.21	15.91	9.73	ppb
Silicon	28-1	1.56	3.36	5.49	3.47	56.69	ppb
Silver	107-1	5.38	5.59	5.62	5.53	2.40	ppb
Silver	109-1	5.50	5.23	5.56	5.43	3.24	ppb
Sodium	23-2	439.70	437.59	436.47	437.92	0.37	ppb
Strontium	86-1	0.00	-0.02	-0.05	-0.02		ppb
Strontium	88-1	0.03	0.02	0.02	0.02	11.21	ppb
Sulfur	34-1	479.55	547.74	862.99	630.09	32.46	ppb
Terbium	159-1				103		%
Terbium	159-2				99		%
Thallium	203-1	5.64	5.65	5.81	5.70	1.63	ppb
Thallium	205-1	5.76	5.81	5.79	5.79	0.49	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3747-08	Instrumnet Name :	P7
Client Sample ID :	A0AT8	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:10:15	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	-0.05	-0.05	-0.06	-0.05		ppb
Titanium	47-1	0.03	0.06	0.05	0.05	35.41	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	201.91	ppb
Vanadium	51-2	6.85	6.79	6.56	6.73	2.30	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	9.49	9.38	9.82	9.56	2.40	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	1873.72	ppb
Zirconium	91-1	0.01	-0.02	0.01	0.00		ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3748-08	Instrumnet Name :	P7
Client Sample ID :	A0AW0	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:13:22	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	514.84	514.62	515.69	515.05	0.11	ppb
Antimony	121-1	12.30	12.56	12.54	12.47	1.13	ppb
Arsenic	75-2	5.16	4.95	5.46	5.19	4.89	ppb
Barium	135-1	0.01	0.01	0.01	0.01	33.76	ppb
Barium	137-1	0.01	0.01	0.00	0.01	37.66	ppb
Beryllium	9-1	3.02	2.89	2.92	2.94	2.30	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Boron	10-1	1.23	0.74	1.12	1.03	24.92	ppb
Boron	11-1	1.08	0.86	1.17	1.04	15.47	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	3.18	3.15	3.16	3.16	0.55	ppb
Cadmium	106-1	2.46	1.92	1.36	1.92	28.77	ppb
Cadmium	108-1	2.93	2.82	2.68	2.81	4.32	ppb
Calcium	43-1	822.57	855.92	825.94	834.81	2.20	ppb
Calcium	44-1	829.15	838.49	838.30	835.31	0.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5.99	5.76	5.99	5.91	2.33	ppb
Cobalt	59-2	3.10	3.04	2.95	3.03	2.53	ppb
Copper	63-2	5.95	5.73	5.83	5.83	1.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				99		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	204.04	202.01	203.84	203.29	0.55	ppb
Iron	57-2	200.01	203.04	201.50	201.51	0.75	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3748-08	Instrumnet Name :	P7
Client Sample ID :	A0AW0	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:13:22	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	217.14	210.18	209.54	212.29	1.99	ppb
Krypton	83-1						cps
Lead	206-1	7.57	7.68	7.79	7.68	1.46	ppb
Lead	207-1	7.47	7.63	7.78	7.63	2.02	ppb
Lead	208-1	7.54	7.64	7.73	7.64	1.26	ppb
Lithium	6-1				103		%
Magnesium	24-2	319.60	321.65	324.69	321.98	0.80	ppb
Manganese	55-2	6.71	6.84	6.78	6.78	0.93	ppb
Molybdenum	94-1	0.00	-0.01	0.01	0.00		ppb
Molybdenum	95-1	0.01	0.00	-0.01	0.00		ppb
Molybdenum	96-1	0.01	0.01	0.01	0.01	37.99	ppb
Molybdenum	97-1	0.00	0.01	0.01	0.00	114.68	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	331.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.84	3.03	2.80	2.89	4.23	ppb
Phosphorus	31-2	-15.28	-37.86	-10.77	-21.30		ppb
Potassium	39-2	626.24	624.76	626.90	625.97	0.17	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	82-1	14.50	15.89	15.30	15.23	4.58	ppb
Selenium	77-2	15.35	19.07	20.76	18.39	15.02	ppb
Selenium	78-2	15.80	16.79	16.89	16.50	3.64	ppb
Silicon	28-1	2.93	2.41	5.46	3.60	45.32	ppb
Silver	107-1	3.44	3.42	3.32	3.40	1.90	ppb
Silver	109-1	3.31	3.42	3.40	3.38	1.73	ppb
Sodium	23-2	358.03	359.07	351.96	356.35	1.08	ppb
Strontium	86-1	-0.08	-0.02	0.04	-0.02		ppb
Strontium	88-1	0.04	0.04	0.04	0.04	2.16	ppb
Sulfur	34-1	471.63	146.83	570.35	396.27	55.92	ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	2.84	2.96	2.99	2.93	2.61	ppb
Thallium	205-1	2.96	2.95	3.04	2.98	1.66	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3748-08	Instrumnet Name :	P7
Client Sample ID :	A0AW0	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:13:22	DataFile Name :	026SMPL.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	-0.06	-0.06	-0.08	-0.07		ppb
Titanium	47-1	0.01	0.04	-0.02	0.01	262.13	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	102.38	ppb
Vanadium	51-2	3.82	3.83	3.69	3.78	2.08	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	14.37	14.46	14.37	14.40	0.39	ppb
Zirconium	90-1	0.01	0.00	0.01	0.00	109.02	ppb
Zirconium	91-1	0.00	0.01	-0.02	0.00		ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3747-09	Instrumnet Name :	P7
Client Sample ID :	A0AZ9	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:16:29	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.25	12.84	11.56	12.88	10.45	ppb
Antimony	121-1	0.02	0.01	0.02	0.02	34.44	ppb
Arsenic	75-2	0.02	0.00	0.02	0.01	117.17	ppb
Barium	135-1	0.35	0.40	0.32	0.36	12.07	ppb
Barium	137-1	0.37	0.36	0.35	0.36	2.13	ppb
Beryllium	9-1	0.00	0.01	0.00	0.01	88.04	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Boron	10-1	2.97	2.46	3.01	2.82	10.88	ppb
Boron	11-1	3.43	3.37	3.47	3.42	1.57	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.06	-0.04	-0.04	-0.05		ppb
Cadmium	106-1	-2.22	-0.82	-1.71	-1.59		ppb
Cadmium	108-1	0.08	0.16	0.05	0.10	60.07	ppb
Calcium	43-1	48.41	47.76	54.66	50.28	7.57	ppb
Calcium	44-1	44.31	42.67	44.78	43.92	2.52	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.34	0.31	0.30	0.32	5.93	ppb
Cobalt	59-2	0.02	0.01	0.00	0.01	67.31	ppb
Copper	63-2	2.33	2.38	2.23	2.31	3.36	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				103		%
Holmium	165-2				100		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	21.77	21.47	21.11	21.45	1.53	ppb
Iron	57-2	19.93	21.72	19.99	20.55	4.95	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3747-09	Instrumnet Name :	P7
Client Sample ID :	A0AZ9	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:16:29	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	22.61	22.74	20.35	21.90	6.15	ppb
Krypton	83-1						cps
Lead	206-1	0.35	0.40	0.38	0.37	6.83	ppb
Lead	207-1	0.35	0.37	0.42	0.38	9.09	ppb
Lead	208-1	0.36	0.37	0.38	0.37	1.74	ppb
Lithium	6-1				105		%
Magnesium	24-2	4.04	4.26	4.76	4.36	8.41	ppb
Manganese	55-2	0.94	0.99	1.05	0.99	5.60	ppb
Molybdenum	94-1	0.06	0.03	0.04	0.04	36.26	ppb
Molybdenum	95-1	0.03	0.04	0.04	0.03	21.87	ppb
Molybdenum	96-1	0.04	0.03	0.04	0.04	24.22	ppb
Molybdenum	97-1	0.02	0.04	0.03	0.03	37.07	ppb
Molybdenum	98-1	0.04	0.05	0.03	0.04	25.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.16	0.17	0.09	0.14	30.09	ppb
Phosphorus	31-2	-23.53	-24.64	-24.87	-24.35		ppb
Potassium	39-2	54.86	52.18	44.49	50.51	10.66	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	82-1	-0.58	-0.35	0.15	-0.26		ppb
Selenium	77-2	0.00	0.35	0.00	0.12	173.21	ppb
Selenium	78-2	0.10	0.25	-0.37	-0.01		ppb
Silicon	28-1	9.29	8.24	7.95	8.49	8.30	ppb
Silver	107-1	0.07	0.07	0.06	0.07	3.86	ppb
Silver	109-1	0.07	0.06	0.07	0.07	8.83	ppb
Sodium	23-2	34.00	34.48	33.99	34.16	0.83	ppb
Strontium	86-1	0.21	0.10	0.12	0.14	38.97	ppb
Strontium	88-1	0.15	0.15	0.15	0.15	0.58	ppb
Sulfur	34-1	485.19	352.29	295.36	377.62	25.80	ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	-0.01	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3747-09	Instrumnet Name :	P7
Client Sample ID :	A0AZ9	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:16:29	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.02	0.01	0.09	0.04	99.70	ppb
Titanium	47-1	0.19	0.22	0.18	0.20	10.71	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	89.64	ppb
Vanadium	51-2	0.02	0.02	0.02	0.02	4.29	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	7.73	7.45	7.77	7.65	2.30	ppb
Zirconium	90-1	0.03	0.01	0.01	0.02	56.43	ppb
Zirconium	91-1	0.03	-0.01	-0.01	0.00	575.55	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3747-10	Instrumnet Name :	P7
Client Sample ID :	A0B00	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:19:37	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.94	2.93	2.79	2.55	21.08	ppb
Antimony	121-1	0.00	0.00	0.01	0.00	98.27	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00		ppb
Barium	135-1	0.19	0.17	0.21	0.19	10.00	ppb
Barium	137-1	0.17	0.18	0.25	0.20	23.26	ppb
Beryllium	9-1	0.00	0.02	0.00	0.01	180.85	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Boron	10-1	3.85	3.63	3.10	3.53	10.89	ppb
Boron	11-1	3.37	3.36	3.03	3.25	5.81	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.05	-0.05	-0.09	-0.06		ppb
Cadmium	106-1	-1.11	-1.40	-2.97	-1.83		ppb
Cadmium	108-1	0.27	0.25	0.28	0.26	6.02	ppb
Calcium	43-1	42.77	54.58	48.63	48.66	12.14	ppb
Calcium	44-1	47.85	50.97	49.45	49.42	3.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.21	0.18	0.18	0.19	8.18	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.08	0.12	0.11	0.10	21.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	5.17	5.02	5.26	5.15	2.32	ppb
Iron	57-2	4.31	5.78	5.17	5.09	14.56	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3747-10	Instrumnet Name :	P7
Client Sample ID :	A0B00	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:19:37	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	7.27	6.32	6.04	6.54	9.82	ppb
Krypton	83-1						cps
Lead	206-1	0.10	0.10	0.10	0.10	0.37	ppb
Lead	207-1	0.10	0.10	0.09	0.10	5.67	ppb
Lead	208-1	0.10	0.10	0.10	0.10	2.88	ppb
Lithium	6-1				104		%
Magnesium	24-2	3.35	3.70	3.10	3.38	8.92	ppb
Manganese	55-2	0.26	0.28	0.29	0.28	5.21	ppb
Molybdenum	94-1	0.01	0.00	0.03	0.02	80.98	ppb
Molybdenum	95-1	0.01	0.00	0.00	0.00	164.59	ppb
Molybdenum	96-1	0.01	0.01	0.00	0.01	96.61	ppb
Molybdenum	97-1	0.01	0.01	0.01	0.01	36.74	ppb
Molybdenum	98-1	0.00	0.00	0.01	0.00	156.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.08	-0.05	-0.08	-0.07		ppb
Phosphorus	31-2	-15.55	-20.20	-33.73	-23.16		ppb
Potassium	39-2	22.82	21.05	24.53	22.80	7.62	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	82-1	0.03	-0.97	-0.26	-0.40		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.71	0.77	-0.50	-0.15		ppb
Silicon	28-1	2.29	2.59	4.65	3.17	40.52	ppb
Silver	107-1	-0.01	-0.01	-0.01	-0.01		ppb
Silver	109-1	-0.02	-0.01	-0.01	-0.01		ppb
Sodium	23-2	27.35	25.92	27.43	26.90	3.16	ppb
Strontium	86-1	-0.06	-0.01	0.00	-0.02		ppb
Strontium	88-1	0.04	0.04	0.04	0.04	2.23	ppb
Sulfur	34-1	483.48	603.91	823.93	637.11	27.10	ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	-0.01	0.00	-0.01	-0.01		ppb
Thallium	205-1	-0.01	0.00	0.00	0.00		ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3747-10	Instrumnet Name :	P7
Client Sample ID :	A0B00	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:19:37	DataFile Name :	028SMPL.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	0.03	0.02	0.02	0.02	30.14	ppb
Titanium	47-1	0.09	0.18	0.17	0.14	34.28	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	89.48	ppb
Vanadium	51-2	0.00	0.01	0.01	0.01	40.81	ppb
Yttrium	89-1				103		%
Yttrium	89-2				100		%
Zinc	66-2	3.00	3.25	2.90	3.05	5.91	ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	60.29	ppb
Zirconium	91-1	0.04	0.03	0.00	0.02	99.19	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3747-01	Instrumnet Name :	P7
Client Sample ID :	A0AM1	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:27:11	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	102.68	102.39	102.41	102.49	0.16	ppb
Antimony	121-1	0.12	0.11	0.09	0.11	10.40	ppb
Arsenic	75-2	0.57	0.44	0.46	0.49	14.47	ppb
Barium	135-1	54.77	52.94	54.38	54.03	1.78	ppb
Barium	137-1	55.38	54.08	54.44	54.63	1.23	ppb
Beryllium	9-1	0.05	0.04	0.05	0.05	15.34	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Boron	10-1	14.24	13.29	14.80	14.11	5.39	ppb
Boron	11-1	14.04	14.11	15.03	14.39	3.85	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.05	-0.06	-0.06	-0.06		ppb
Cadmium	106-1	-2.46	-3.16	-3.12	-2.91		ppb
Cadmium	108-1	-0.03	-0.14	-0.12	-0.10		ppb
Calcium	43-1	9604.56	9635.21	9783.00	9674.26	0.99	ppb
Calcium	44-1	9808.32	9708.09	9737.80	9751.41	0.53	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.61	0.57	0.64	0.61	5.86	ppb
Cobalt	59-2	0.23	0.23	0.25	0.24	3.48	ppb
Copper	63-2	0.50	0.45	0.51	0.49	6.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	1457.02	1443.50	1464.30	1454.94	0.73	ppb
Iron	57-2	1453.35	1447.98	1459.39	1453.57	0.39	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3747-01	Instrumnet Name :	P7
Client Sample ID :	A0AM1	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:27:11	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	1498.71	1463.33	1491.36	1484.47	1.26	ppb
Krypton	83-1						cps
Lead	206-1	0.69	0.65	0.72	0.69	4.74	ppb
Lead	207-1	0.61	0.66	0.64	0.63	4.07	ppb
Lead	208-1	0.66	0.65	0.66	0.66	0.62	ppb
Lithium	6-1				105		%
Magnesium	24-2	1981.08	1957.95	1969.05	1969.36	0.59	ppb
Manganese	55-2	106.67	104.71	105.48	105.62	0.94	ppb
Molybdenum	94-1	0.31	0.28	0.34	0.31	10.15	ppb
Molybdenum	95-1	0.37	0.37	0.37	0.37	0.75	ppb
Molybdenum	96-1	0.38	0.38	0.35	0.37	3.83	ppb
Molybdenum	97-1	0.38	0.36	0.39	0.38	4.15	ppb
Molybdenum	98-1	0.37	0.38	0.34	0.36	5.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.49	0.46	0.51	0.49	5.03	ppb
Phosphorus	31-2	15.21	38.98	36.72	30.30	43.30	ppb
Potassium	39-2	1982.12	1939.32	1967.99	1963.14	1.11	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	82-1	-0.09	1.00	-0.44	0.16	480.71	ppb
Selenium	77-2	0.35	0.00	0.36	0.24	86.62	ppb
Selenium	78-2	0.22	0.17	0.35	0.25	39.94	ppb
Silicon	28-1	3204.34	3219.41	3175.32	3199.69	0.70	ppb
Silver	107-1	-0.01	-0.02	-0.01	-0.01		ppb
Silver	109-1	-0.02	-0.01	-0.01	-0.02		ppb
Sodium	23-2	38603.33	37918.52	38066.80	38196.22	0.94	ppb
Strontium	86-1	65.67	64.76	66.86	65.76	1.60	ppb
Strontium	88-1	66.28	65.59	66.78	66.22	0.91	ppb
Sulfur	34-1	1852.71	1937.98	1823.23	1871.31	3.18	ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	0.01	0.01	0.01	0.01	24.80	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	34.28	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3747-01	Instrumnet Name :	P7
Client Sample ID :	A0AM1	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:27:11	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.03	0.02	0.02	0.02	15.23	ppb
Tin	118-1	0.14	0.13	0.13	0.13	6.26	ppb
Titanium	47-1	2.01	2.02	2.18	2.07	4.75	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	5.39	ppb
Vanadium	51-2	0.59	0.50	0.59	0.56	9.06	ppb
Yttrium	89-1				104		%
Yttrium	89-2				99		%
Zinc	66-2	14.50	14.14	14.35	14.33	1.25	ppb
Zirconium	90-1	0.04	0.04	0.05	0.04	4.47	ppb
Zirconium	91-1	0.05	0.03	0.03	0.03	31.02	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3747-02	Instrumnet Name :	P7
Client Sample ID :	A0AM3	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:30:17	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	116.77	120.58	119.43	118.93	1.64	ppb
Antimony	121-1	0.12	0.11	0.12	0.12	3.15	ppb
Arsenic	75-2	0.52	0.50	0.59	0.54	8.64	ppb
Barium	135-1	54.26	56.25	54.86	55.12	1.85	ppb
Barium	137-1	54.31	56.52	56.37	55.73	2.22	ppb
Beryllium	9-1	0.05	0.04	0.04	0.04	14.57	ppb
Bismuth	209-1				101		%
Bismuth	209-2				96		%
Boron	10-1	14.49	14.15	15.39	14.68	4.35	ppb
Boron	11-1	14.22	14.76	15.26	14.74	3.53	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.03	-0.01	-0.06	-0.04		ppb
Cadmium	106-1	-1.50	-0.96	-2.94	-1.80		ppb
Cadmium	108-1	0.05	-0.03	0.00	0.01	697.53	ppb
Calcium	43-1	9812.83	9881.06	9816.84	9836.91	0.39	ppb
Calcium	44-1	9808.33	9856.85	9936.22	9867.13	0.65	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.50	0.45	0.51	0.48	6.33	ppb
Cobalt	59-2	0.31	0.28	0.27	0.29	8.19	ppb
Copper	63-2	0.83	0.78	0.77	0.79	4.39	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				102		%
Holmium	165-2				98		%
Indium	115-1				100		%
Indium	115-2				95		%
Iron	56-2	1640.63	1621.45	1625.53	1629.20	0.62	ppb
Iron	57-2	1641.17	1626.01	1620.40	1629.19	0.66	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3747-02	Instrumnet Name :	P7
Client Sample ID :	A0AM3	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:30:17	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	1702.10	1647.68	1641.12	1663.63	2.01	ppb
Krypton	83-1						cps
Lead	206-1	0.66	0.69	0.65	0.67	3.18	ppb
Lead	207-1	0.64	0.66	0.67	0.66	2.61	ppb
Lead	208-1	0.65	0.65	0.65	0.65	0.19	ppb
Lithium	6-1				101		%
Magnesium	24-2	1979.09	1964.34	1980.57	1974.67	0.45	ppb
Manganese	55-2	129.24	126.84	127.13	127.74	1.03	ppb
Molybdenum	94-1	0.34	0.30	0.36	0.33	9.08	ppb
Molybdenum	95-1	0.38	0.34	0.44	0.39	12.53	ppb
Molybdenum	96-1	0.36	0.40	0.40	0.39	6.05	ppb
Molybdenum	97-1	0.43	0.34	0.37	0.38	10.91	ppb
Molybdenum	98-1	0.40	0.41	0.38	0.40	3.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.48	0.51	0.49	0.49	2.83	ppb
Phosphorus	31-2	68.21	46.69	46.96	53.95	22.89	ppb
Potassium	39-2	2032.22	2011.45	2004.00	2015.89	0.73	ppb
Rhodium	103-1				98		%
Rhodium	103-2				94		%
Scandium	45-1				96		%
Scandium	45-2				95		%
Selenium	82-1	-0.28	1.06	0.22	0.33	204.50	ppb
Selenium	77-2	0.73	0.00	0.00	0.24	173.21	ppb
Selenium	78-2	-0.41	0.46	0.52	0.19	275.50	ppb
Silicon	28-1	3323.83	3353.89	3338.00	3338.57	0.45	ppb
Silver	107-1	-0.01	-0.01	-0.01	-0.01		ppb
Silver	109-1	-0.01	-0.01	-0.02	-0.01		ppb
Sodium	23-2	37857.36	37448.44	37312.63	37539.47	0.76	ppb
Strontium	86-1	66.14	66.72	67.79	66.88	1.25	ppb
Strontium	88-1	66.42	67.48	67.31	67.07	0.85	ppb
Sulfur	34-1	1427.10	1701.43	1685.69	1604.74	9.60	ppb
Terbium	159-1				102		%
Terbium	159-2				97		%
Thallium	203-1	0.01	0.00	0.01	0.01	18.95	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	14.31	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3747-02	Instrumnet Name :	P7
Client Sample ID :	A0AM3	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:30:17	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.03	0.03	0.02	0.02	8.52	ppb
Tin	118-1	0.02	0.08	0.03	0.04	74.11	ppb
Titanium	47-1	2.66	2.35	2.46	2.49	6.20	ppb
Uranium	238-1	0.04	0.03	0.03	0.03	11.11	ppb
Vanadium	51-2	0.64	0.64	0.66	0.65	1.84	ppb
Yttrium	89-1				99		%
Yttrium	89-2				95		%
Zinc	66-2	4.88	4.87	4.60	4.78	3.38	ppb
Zirconium	90-1	0.06	0.04	0.05	0.05	16.95	ppb
Zirconium	91-1	0.02	0.04	0.04	0.04	25.64	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3747-03	Instrumnet Name :	P7
Client Sample ID :	A0AM5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:33:23	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	98.77	100.94	104.06	101.26	2.62	ppb
Antimony	121-1	0.11	0.09	0.11	0.10	9.54	ppb
Arsenic	75-2	0.45	0.46	0.53	0.48	9.08	ppb
Barium	135-1	54.58	54.19	54.09	54.28	0.48	ppb
Barium	137-1	54.99	54.93	53.77	54.56	1.26	ppb
Beryllium	9-1	0.03	0.02	0.05	0.03	52.44	ppb
Bismuth	209-1				101		%
Bismuth	209-2				96		%
Boron	10-1	15.02	15.85	16.33	15.73	4.19	ppb
Boron	11-1	15.55	15.52	16.15	15.74	2.24	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.02	-0.03	-0.06	-0.04		ppb
Cadmium	106-1	-1.27	-1.23	-1.81	-1.44		ppb
Cadmium	108-1	0.06	-0.09	0.14	0.04	316.52	ppb
Calcium	43-1	10479.15	10285.05	10290.08	10351.43	1.07	ppb
Calcium	44-1	10315.02	10397.30	10289.63	10333.98	0.54	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.53	0.45	0.47	0.48	8.43	ppb
Cobalt	59-2	0.23	0.26	0.24	0.25	5.15	ppb
Copper	63-2	0.56	0.51	0.57	0.55	5.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				98		%
Indium	115-1				97		%
Indium	115-2				94		%
Iron	56-2	1517.08	1517.66	1525.75	1520.17	0.32	ppb
Iron	57-2	1523.01	1529.96	1521.47	1524.81	0.30	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3747-03	Instrumnet Name :	P7
Client Sample ID :	A0AM5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:33:23	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	1524.01	1554.76	1542.06	1540.28	1.00	ppb
Krypton	83-1						cps
Lead	206-1	0.55	0.62	0.56	0.58	6.50	ppb
Lead	207-1	0.57	0.57	0.54	0.56	3.16	ppb
Lead	208-1	0.55	0.56	0.55	0.56	0.75	ppb
Lithium	6-1				97		%
Magnesium	24-2	2107.12	2108.17	2121.56	2112.28	0.38	ppb
Manganese	55-2	107.70	108.79	108.44	108.31	0.51	ppb
Molybdenum	94-1	0.29	0.33	0.34	0.32	7.05	ppb
Molybdenum	95-1	0.37	0.34	0.33	0.35	5.97	ppb
Molybdenum	96-1	0.37	0.32	0.34	0.34	7.29	ppb
Molybdenum	97-1	0.33	0.36	0.36	0.35	6.06	ppb
Molybdenum	98-1	0.38	0.36	0.34	0.36	5.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.36	0.45	0.42	0.41	11.30	ppb
Phosphorus	31-2	27.41	9.39	13.65	16.82	56.01	ppb
Potassium	39-2	1987.41	2016.51	1994.55	1999.49	0.76	ppb
Rhodium	103-1				95		%
Rhodium	103-2				93		%
Scandium	45-1				92		%
Scandium	45-2				92		%
Selenium	82-1	0.44	-0.14	-0.08	0.07	433.66	ppb
Selenium	77-2	0.00	0.38	0.00	0.13	173.21	ppb
Selenium	78-2	0.73	-0.63	-0.58	-0.16		ppb
Silicon	28-1	3392.75	3457.09	3404.81	3418.21	1.00	ppb
Silver	107-1	-0.01	-0.01	0.00	-0.01		ppb
Silver	109-1	-0.01	-0.02	-0.01	-0.02		ppb
Sodium	23-2	43674.19	43832.75	44034.48	43847.14	0.41	ppb
Strontium	86-1	71.01	69.92	70.09	70.34	0.83	ppb
Strontium	88-1	70.55	70.68	69.73	70.32	0.73	ppb
Sulfur	34-1	1535.85	1559.86	1402.58	1499.43	5.65	ppb
Terbium	159-1				101		%
Terbium	159-2				97		%
Thallium	203-1	0.00	0.00	0.01	0.00	92.95	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	10.66	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3747-03	Instrumnet Name :	P7
Client Sample ID :	A0AM5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:33:23	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.03	0.03	0.03	0.03	7.70	ppb
Tin	118-1	0.06	0.08	0.06	0.07	23.41	ppb
Titanium	47-1	2.17	1.94	2.40	2.17	10.66	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	3.80	ppb
Vanadium	51-2	0.54	0.58	0.56	0.56	3.47	ppb
Yttrium	89-1				95		%
Yttrium	89-2				92		%
Zinc	66-2	6.41	6.18	6.17	6.25	2.21	ppb
Zirconium	90-1	0.06	0.04	0.04	0.05	16.03	ppb
Zirconium	91-1	0.02	0.04	0.02	0.03	47.30	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3747-04	Instrumnet Name :	P7
Client Sample ID :	A0AN5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:36:30	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	408.56	402.07	402.16	404.27	0.92	ppb
Antimony	121-1	0.15	0.16	0.13	0.15	12.31	ppb
Arsenic	75-2	2.05	1.90	2.13	2.02	5.73	ppb
Barium	135-1	77.54	77.16	78.27	77.66	0.72	ppb
Barium	137-1	77.40	78.59	79.70	78.57	1.47	ppb
Beryllium	9-1	0.06	0.07	0.09	0.07	26.23	ppb
Bismuth	209-1				100		%
Bismuth	209-2				95		%
Boron	10-1	14.58	16.82	14.49	15.29	8.63	ppb
Boron	11-1	14.91	16.23	16.56	15.90	5.49	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.06	0.02	0.02	0.04	64.77	ppb
Cadmium	106-1	-1.14	-1.83	-2.49	-1.82		ppb
Cadmium	108-1	0.08	0.14	0.11	0.11	26.61	ppb
Calcium	43-1	19782.73	20049.46	19995.00	19942.39	0.71	ppb
Calcium	44-1	18698.12	18868.70	18842.12	18802.98	0.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	11.46	11.72	11.52	11.57	1.17	ppb
Cobalt	59-2	6.19	6.17	6.06	6.14	1.12	ppb
Copper	63-2	2.95	3.12	2.97	3.01	3.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				96		%
Indium	115-1				96		%
Indium	115-2				92		%
Iron	56-2	11926.78	11869.04	11500.71	11765.51	1.96	ppb
Iron	57-2	12078.17	11922.69	11736.85	11912.57	1.43	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3747-04	Instrumnet Name :	P7
Client Sample ID :	A0AN5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:36:30	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	12265.19	12174.52	11888.72	12109.48	1.62	ppb
Krypton	83-1						cps
Lead	206-1	5.32	5.36	5.30	5.32	0.58	ppb
Lead	207-1	4.88	5.00	4.98	4.95	1.34	ppb
Lead	208-1	5.09	5.20	5.13	5.14	1.06	ppb
Lithium	6-1				95		%
Magnesium	24-2	3597.87	3594.74	3528.76	3573.79	1.09	ppb
Manganese	55-2	1016.21	1012.34	993.77	1007.44	1.19	ppb
Molybdenum	94-1	0.52	0.55	0.44	0.50	10.84	ppb
Molybdenum	95-1	0.44	0.42	0.39	0.42	6.35	ppb
Molybdenum	96-1	0.45	0.43	0.39	0.43	7.14	ppb
Molybdenum	97-1	0.37	0.46	0.41	0.41	11.30	ppb
Molybdenum	98-1	0.36	0.43	0.38	0.39	9.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.42	2.35	2.38	2.38	1.57	ppb
Phosphorus	31-2	50.34	55.44	60.02	55.27	8.76	ppb
Potassium	39-2	1062.89	1048.45	1049.85	1053.73	0.76	ppb
Rhodium	103-1				93		%
Rhodium	103-2				91		%
Scandium	45-1				91		%
Scandium	45-2				91		%
Selenium	82-1	0.14	-0.29	0.31	0.05	608.33	ppb
Selenium	77-2	0.00	1.89	0.00	0.63	173.21	ppb
Selenium	78-2	-0.50	-0.38	-1.00	-0.63		ppb
Silicon	28-1	6195.24	6299.66	6214.24	6236.38	0.89	ppb
Silver	107-1	0.00	0.00	-0.01	0.00		ppb
Silver	109-1	0.00	-0.01	-0.01	-0.01		ppb
Sodium	23-2	32032.30	31835.57	31475.42	31781.10	0.89	ppb
Strontium	86-1	120.89	123.47	122.42	122.26	1.06	ppb
Strontium	88-1	123.13	125.33	123.59	124.02	0.94	ppb
Sulfur	34-1	2502.08	2599.84	2595.52	2565.81	2.15	ppb
Terbium	159-1				100		%
Terbium	159-2				96		%
Thallium	203-1	0.01	0.02	0.02	0.02	10.97	ppb
Thallium	205-1	0.02	0.02	0.01	0.02	35.22	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3747-04	Instrumnet Name :	P7
Client Sample ID :	A0AN5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:36:30	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.15	0.15	0.16	0.16	2.17	ppb
Tin	118-1	0.25	0.22	0.19	0.22	14.18	ppb
Titanium	47-1	14.37	14.33	13.42	14.04	3.80	ppb
Uranium	238-1	0.07	0.07	0.07	0.07	1.68	ppb
Vanadium	51-2	2.30	2.34	2.20	2.28	3.16	ppb
Yttrium	89-1				94		%
Yttrium	89-2				92		%
Zinc	66-2	27.70	27.72	26.96	27.46	1.57	ppb
Zirconium	90-1	0.12	0.11	0.11	0.11	7.35	ppb
Zirconium	91-1	0.10	0.09	0.13	0.11	17.87	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3747-05	Instrumnet Name :	P7
Client Sample ID :	A0AN5D	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:39:36	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	372.49	365.14	373.54	370.39	1.24	ppb
Antimony	121-1	0.12	0.16	0.14	0.14	12.57	ppb
Arsenic	75-2	1.93	1.87	1.87	1.89	1.99	ppb
Barium	135-1	78.03	77.97	78.06	78.02	0.06	ppb
Barium	137-1	78.55	78.55	78.65	78.58	0.07	ppb
Beryllium	9-1	0.04	0.08	0.05	0.06	34.73	ppb
Bismuth	209-1				101		%
Bismuth	209-2				95		%
Boron	10-1	14.82	16.28	15.95	15.68	4.87	ppb
Boron	11-1	15.17	16.69	16.83	16.23	5.65	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.03	0.04	0.02	0.03	29.40	ppb
Cadmium	106-1	-0.74	-0.51	-1.34	-0.86		ppb
Cadmium	108-1	0.06	0.20	0.28	0.18	63.33	ppb
Calcium	43-1	19928.15	20278.49	20322.72	20176.45	1.07	ppb
Calcium	44-1	18842.76	19250.56	18842.57	18978.63	1.24	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	11.44	11.52	11.48	11.48	0.36	ppb
Cobalt	59-2	6.26	6.38	6.37	6.34	1.08	ppb
Copper	63-2	2.55	2.52	2.52	2.53	0.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				96		%
Indium	115-1				97		%
Indium	115-2				92		%
Iron	56-2	12425.35	12260.54	12316.22	12334.04	0.68	ppb
Iron	57-2	12478.93	12588.12	12540.04	12535.70	0.44	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3747-05	Instrumnet Name :	P7
Client Sample ID :	A0AN5D	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:39:36	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	12702.24	12740.97	12774.31	12739.17	0.28	ppb
Krypton	83-1						cps
Lead	206-1	4.82	4.88	4.88	4.86	0.69	ppb
Lead	207-1	4.63	4.60	4.69	4.64	1.01	ppb
Lead	208-1	4.69	4.72	4.74	4.72	0.53	ppb
Lithium	6-1				96		%
Magnesium	24-2	3609.92	3624.65	3604.28	3612.95	0.29	ppb
Manganese	55-2	1028.04	1032.81	1032.62	1031.16	0.26	ppb
Molybdenum	94-1	0.45	0.47	0.45	0.46	2.40	ppb
Molybdenum	95-1	0.42	0.35	0.40	0.39	8.43	ppb
Molybdenum	96-1	0.44	0.46	0.41	0.44	5.99	ppb
Molybdenum	97-1	0.40	0.30	0.44	0.38	19.82	ppb
Molybdenum	98-1	0.45	0.44	0.41	0.43	5.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.32	2.19	2.40	2.30	4.66	ppb
Phosphorus	31-2	51.89	90.11	68.08	70.03	27.39	ppb
Potassium	39-2	1042.01	1031.63	1039.98	1037.88	0.53	ppb
Rhodium	103-1				93		%
Rhodium	103-2				91		%
Scandium	45-1				92		%
Scandium	45-2				92		%
Selenium	82-1	0.50	0.02	-0.11	0.14	236.95	ppb
Selenium	77-2	0.00	0.00	0.38	0.13	173.21	ppb
Selenium	78-2	-0.29	0.01	-0.74	-0.34		ppb
Silicon	28-1	6241.12	6332.72	6336.29	6303.38	0.86	ppb
Silver	107-1	0.01	-0.01	0.00	0.00		ppb
Silver	109-1	0.00	-0.01	-0.01	-0.01		ppb
Sodium	23-2	31681.78	31980.67	31908.60	31857.02	0.49	ppb
Strontium	86-1	123.18	125.73	124.46	124.46	1.03	ppb
Strontium	88-1	124.56	125.98	125.94	125.49	0.65	ppb
Sulfur	34-1	2127.15	2085.73	2211.40	2141.43	2.99	ppb
Terbium	159-1				101		%
Terbium	159-2				96		%
Thallium	203-1	0.02	0.01	0.01	0.01	43.94	ppb
Thallium	205-1	0.01	0.01	0.02	0.01	18.73	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3747-05	Instrumnet Name :	P7
Client Sample ID :	A0AN5D	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:39:36	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.15	0.14	0.15	0.14	5.08	ppb
Tin	118-1	0.16	0.19	0.18	0.17	9.75	ppb
Titanium	47-1	11.73	11.61	11.99	11.78	1.67	ppb
Uranium	238-1	0.06	0.06	0.06	0.06	2.19	ppb
Vanadium	51-2	2.23	2.15	2.20	2.19	1.94	ppb
Yttrium	89-1				95		%
Yttrium	89-2				92		%
Zinc	66-2	27.60	26.74	27.82	27.38	2.08	ppb
Zirconium	90-1	0.13	0.11	0.13	0.12	11.55	ppb
Zirconium	91-1	0.12	0.11	0.09	0.11	12.15	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3747-04LX5	Instrumnet Name :	P7
Client Sample ID :	A0AN5L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-21 10:42:42	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	79.56	80.77	78.49	79.60	1.43	ppb
Antimony	121-1	0.05	0.02	0.03	0.03	53.63	ppb
Arsenic	75-2	0.33	0.36	0.42	0.37	13.59	ppb
Barium	135-1	14.62	15.55	15.47	15.21	3.40	ppb
Barium	137-1	15.03	15.59	15.68	15.43	2.28	ppb
Beryllium	9-1	0.01	0.01	0.04	0.02	87.02	ppb
Bismuth	209-1				99		%
Bismuth	209-2				95		%
Boron	10-1	4.51	3.60	4.01	4.04	11.24	ppb
Boron	11-1	4.03	3.92	3.70	3.88	4.29	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.06	0.01	-0.05	-0.04		ppb
Cadmium	106-1	-2.74	0.17	-2.37	-1.65		ppb
Cadmium	108-1	0.06	0.06	0.21	0.11	78.12	ppb
Calcium	43-1	3879.25	3860.65	3771.69	3837.20	1.50	ppb
Calcium	44-1	3832.85	3870.27	3880.74	3861.29	0.65	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.25	2.41	2.36	2.34	3.54	ppb
Cobalt	59-2	1.25	1.21	1.21	1.22	1.96	ppb
Copper	63-2	0.50	0.50	0.59	0.53	9.02	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				95		%
Indium	115-1				95		%
Indium	115-2				92		%
Iron	56-2	2286.23	2292.02	2297.86	2292.03	0.25	ppb
Iron	57-2	2371.06	2338.71	2333.42	2347.73	0.87	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3747-04LX5	Instrumnet Name :	P7
Client Sample ID :	A0AN5L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-21 10:42:42	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2423.92	2361.26	2383.57	2389.58	1.33	ppb
Krypton	83-1						cps
Lead	206-1	1.00	1.05	1.01	1.02	2.36	ppb
Lead	207-1	0.98	0.93	1.02	0.98	4.50	ppb
Lead	208-1	0.98	0.99	1.02	1.00	1.78	ppb
Lithium	6-1				95		%
Magnesium	24-2	708.34	718.69	704.74	710.59	1.02	ppb
Manganese	55-2	199.67	198.24	198.96	198.95	0.36	ppb
Molybdenum	94-1	0.09	0.08	0.13	0.10	27.55	ppb
Molybdenum	95-1	0.07	0.08	0.08	0.08	9.23	ppb
Molybdenum	96-1	0.10	0.06	0.09	0.08	23.89	ppb
Molybdenum	97-1	0.08	0.06	0.06	0.07	20.78	ppb
Molybdenum	98-1	0.08	0.08	0.09	0.08	4.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.41	0.42	0.31	0.38	16.03	ppb
Phosphorus	31-2	-3.39	-39.11	-11.43	-17.98		ppb
Potassium	39-2	191.53	196.90	200.97	196.47	2.41	ppb
Rhodium	103-1				93		%
Rhodium	103-2				92		%
Scandium	45-1				90		%
Scandium	45-2				90		%
Selenium	82-1	0.24	0.47	-0.91	-0.07		ppb
Selenium	77-2	0.00	0.38	0.00	0.13	173.21	ppb
Selenium	78-2	-0.60	-0.22	-0.29	-0.37		ppb
Silicon	28-1	1179.08	1214.48	1223.99	1205.85	1.96	ppb
Silver	107-1	0.00	-0.01	-0.01	-0.01		ppb
Silver	109-1	-0.01	-0.01	-0.01	-0.01		ppb
Sodium	23-2	6257.46	6281.10	6198.79	6245.78	0.68	ppb
Strontium	86-1	22.89	22.79	24.30	23.33	3.63	ppb
Strontium	88-1	23.27	23.94	24.15	23.79	1.93	ppb
Sulfur	34-1	382.00	449.01	465.00	432.00	10.19	ppb
Terbium	159-1				99		%
Terbium	159-2				95		%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00	102.42	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3747-04LX5	Instrumnet Name :	P7
Client Sample ID :	A0AN5L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-21 10:42:42	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.03	0.03	0.03	0.03	4.07	ppb
Tin	118-1	-0.02	-0.02	0.01	-0.01		ppb
Titanium	47-1	2.69	2.53	2.79	2.67	4.86	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	19.94	ppb
Vanadium	51-2	0.44	0.49	0.47	0.47	5.39	ppb
Yttrium	89-1				94		%
Yttrium	89-2				91		%
Zinc	66-2	5.03	5.01	4.83	4.96	2.19	ppb
Zirconium	90-1	0.03	0.02	0.03	0.02	20.68	ppb
Zirconium	91-1	0.03	0.00	0.01	0.01	172.39	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3747-06	Instrumnet Name :	P7
Client Sample ID :	A0AN5S	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:45:50	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2479.82	2454.69	2468.08	2467.53	0.51	ppb
Antimony	121-1	109.91	109.26	111.40	110.19	1.00	ppb
Arsenic	75-2	46.56	45.38	45.91	45.95	1.29	ppb
Barium	135-1	2178.42	2163.73	2232.20	2191.45	1.64	ppb
Barium	137-1	2161.28	2163.53	2233.03	2185.94	1.87	ppb
Beryllium	9-1	51.73	51.20	52.40	51.77	1.16	ppb
Bismuth	209-1				100		%
Bismuth	209-2				95		%
Boron	10-1	14.63	15.22	16.03	15.29	4.59	ppb
Boron	11-1	14.64	15.26	15.87	15.26	4.05	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	54.90	54.98	55.98	55.29	1.09	ppb
Cadmium	106-1	42.09	41.67	44.94	42.90	4.14	ppb
Cadmium	108-1	45.45	47.88	46.35	46.56	2.64	ppb
Calcium	43-1	20243.30	20285.64	20409.29	20312.74	0.42	ppb
Calcium	44-1	18997.24	19145.25	19218.47	19120.32	0.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	222.20	219.29	220.03	220.51	0.69	ppb
Cobalt	59-2	532.43	528.91	540.22	533.85	1.08	ppb
Copper	63-2	272.06	268.50	270.59	270.38	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				101		%
Holmium	165-2				97		%
Indium	115-1				96		%
Indium	115-2				93		%
Iron	56-2	14422.75	14269.09	14540.71	14410.85	0.95	ppb
Iron	57-2	14782.23	14634.11	14785.79	14734.04	0.59	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3747-06	Instrumnet Name :	P7
Client Sample ID :	A0AN5S	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:45:50	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	15143.94	15004.08	15067.86	15071.96	0.46	ppb
Krypton	83-1						cps
Lead	206-1	24.10	24.48	24.42	24.33	0.82	ppb
Lead	207-1	24.89	24.86	24.91	24.89	0.10	ppb
Lead	208-1	24.41	24.43	24.62	24.49	0.47	ppb
Lithium	6-1				96		%
Magnesium	24-2	3608.01	3618.61	3608.97	3611.86	0.16	ppb
Manganese	55-2	1585.74	1565.40	1584.03	1578.39	0.71	ppb
Molybdenum	94-1	0.57	0.50	0.48	0.51	9.43	ppb
Molybdenum	95-1	0.44	0.45	0.46	0.45	1.61	ppb
Molybdenum	96-1	0.46	0.52	0.49	0.49	6.18	ppb
Molybdenum	97-1	0.50	0.51	0.44	0.49	7.70	ppb
Molybdenum	98-1	0.47	0.48	0.45	0.47	2.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	536.99	532.34	540.74	536.69	0.78	ppb
Phosphorus	31-2	51.80	41.92	59.07	50.93	16.90	ppb
Potassium	39-2	1036.85	1035.87	1038.68	1037.13	0.14	ppb
Rhodium	103-1				93		%
Rhodium	103-2				92		%
Scandium	45-1				91		%
Scandium	45-2				91		%
Selenium	82-1	102.45	105.44	103.28	103.73	1.49	ppb
Selenium	77-2	102.32	100.89	108.50	103.91	3.89	ppb
Selenium	78-2	106.17	108.11	106.48	106.92	0.97	ppb
Silicon	28-1	6262.83	6286.33	6349.68	6299.61	0.71	ppb
Silver	107-1	34.77	35.40	36.31	35.49	2.18	ppb
Silver	109-1	34.63	35.22	35.58	35.14	1.35	ppb
Sodium	23-2	31421.40	31533.01	31840.29	31598.23	0.69	ppb
Strontium	86-1	123.73	125.18	125.44	124.78	0.74	ppb
Strontium	88-1	124.49	125.44	126.27	125.40	0.71	ppb
Sulfur	34-1	1838.31	1647.09	1716.30	1733.90	5.58	ppb
Terbium	159-1				100		%
Terbium	159-2				96		%
Thallium	203-1	51.32	51.96	51.96	51.75	0.72	ppb
Thallium	205-1	51.28	52.10	51.87	51.75	0.81	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3747-06	Instrumnet Name :	P7
Client Sample ID :	A0AN5S	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:45:50	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.14	0.13	0.14	0.14	2.16	ppb
Tin	118-1	0.18	0.19	0.26	0.21	21.47	ppb
Titanium	47-1	9.87	10.35	10.62	10.28	3.71	ppb
Uranium	238-1	0.06	0.07	0.06	0.06	4.86	ppb
Vanadium	51-2	521.22	507.54	516.44	515.07	1.35	ppb
Yttrium	89-1				95		%
Yttrium	89-2				92		%
Zinc	66-2	548.87	543.46	551.72	548.02	0.77	ppb
Zirconium	90-1	0.14	0.12	0.12	0.13	9.66	ppb
Zirconium	91-1	0.11	0.10	0.13	0.11	11.72	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	CCV05	Instrumnet Name :	P7
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:49:19	DataFile Name :	036CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49344.05	48662.59	48287.71	48764.78	1.10	ppb
Antimony	121-1	482.35	486.27	500.22	489.61	1.92	ppb
Arsenic	75-2	513.04	519.00	515.72	515.92	0.58	ppb
Barium	135-1	2389.77	2449.83	2491.11	2443.57	2.09	ppb
Barium	137-1	2367.56	2425.20	2508.05	2433.60	2.90	ppb
Beryllium	9-1	493.86	484.17	488.94	488.99	0.99	ppb
Bismuth	209-1				94		%
Bismuth	209-2				86		%
Boron	10-1	460.24	475.77	476.56	470.85	1.95	ppb
Boron	11-1	466.02	485.38	490.31	480.57	2.67	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	487.24	500.73	506.85	498.27	2.01	ppb
Cadmium	106-1	812.49	835.23	827.93	825.22	1.41	ppb
Cadmium	108-1	663.08	675.27	685.93	674.76	1.69	ppb
Calcium	43-1	250548.11	255142.45	256237.88	253976.15	1.19	ppb
Calcium	44-1	236905.40	240582.94	242338.07	239942.14	1.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	474.96	469.93	468.57	471.15	0.71	ppb
Cobalt	59-2	479.74	478.53	478.24	478.84	0.17	ppb
Copper	63-2	4943.12	4867.33	4892.93	4901.13	0.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				94		%
Indium	115-1				91		%
Indium	115-2				86		%
Iron	56-2	120841.05	121735.50	119635.93	120737.49	0.87	ppb
Iron	57-2	120769.35	119365.28	118436.93	119523.85	0.98	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	CCV05	Instrumnet Name :	P7
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:49:19	DataFile Name :	036CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	121663.64	119978.67	119411.61	120351.31	0.97	ppb
Krypton	83-1						cps
Lead	206-1	2447.41	2478.53	2454.19	2460.04	0.67	ppb
Lead	207-1	2473.46	2499.64	2467.82	2480.31	0.68	ppb
Lead	208-1	2462.43	2485.91	2459.84	2469.39	0.58	ppb
Lithium	6-1				93		%
Magnesium	24-2	245372.61	237843.30	240441.80	241219.24	1.59	ppb
Manganese	55-2	4958.31	4939.67	4891.28	4929.75	0.70	ppb
Molybdenum	94-1	4883.73	4924.65	4924.25	4910.88	0.48	ppb
Molybdenum	95-1	2372.30	2455.64	2417.67	2415.20	1.73	ppb
Molybdenum	96-1	2688.83	2727.05	2720.11	2711.99	0.75	ppb
Molybdenum	97-1	2424.27	2454.92	2429.30	2436.16	0.67	ppb
Molybdenum	98-1	2402.49	2452.27	2403.23	2419.33	1.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	512.77	512.54	511.45	512.25	0.14	ppb
Phosphorus	31-2	9769.34	9454.95	9287.70	9504.00	2.57	ppb
Potassium	39-2	131365.00	130115.50	130671.78	130717.43	0.48	ppb
Rhodium	103-1				86		%
Rhodium	103-2				82		%
Scandium	45-1				90		%
Scandium	45-2				89		%
Selenium	82-1	486.53	494.47	486.38	489.13	0.95	ppb
Selenium	77-2	529.01	491.44	483.19	501.21	4.87	ppb
Selenium	78-2	506.61	506.51	512.13	508.42	0.63	ppb
Silicon	28-1	491.51	520.12	541.49	517.71	4.84	ppb
Silver	107-1	507.42	515.28	527.25	516.65	1.93	ppb
Silver	109-1	509.42	513.24	522.24	514.97	1.28	ppb
Sodium	23-2	242179.01	238783.72	240200.54	240387.75	0.71	ppb
Strontium	86-1	4799.14	4914.61	4810.12	4841.29	1.32	ppb
Strontium	88-1	4795.17	4908.42	4819.98	4841.19	1.23	ppb
Sulfur	34-1	10030.12	10086.54	10275.81	10130.82	1.27	ppb
Terbium	159-1				99		%
Terbium	159-2				93		%
Thallium	203-1	491.32	497.61	496.01	494.98	0.66	ppb
Thallium	205-1	495.30	499.43	484.37	493.03	1.58	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	CCV05	Instrumnet Name :	P7
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:49:19	DataFile Name :	036CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	495.50	505.85	503.39	501.58	1.08	ppb
Tin	118-1	472.10	478.47	488.99	479.85	1.78	ppb
Titanium	47-1	2366.41	2413.21	2455.75	2411.79	1.85	ppb
Uranium	238-1	495.95	503.52	493.53	497.67	1.05	ppb
Vanadium	51-2	477.51	476.30	473.28	475.70	0.46	ppb
Yttrium	89-1				93		%
Yttrium	89-2				89		%
Zinc	66-2	4810.78	4811.56	4764.31	4795.55	0.56	ppb
Zirconium	90-1	2069.66	2085.50	2087.78	2080.98	0.47	ppb
Zirconium	91-1	2047.28	2069.76	2075.36	2064.14	0.72	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	CCB05	Instrumnet Name :	P7
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:54:52	DataFile Name :	037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.74	0.74	1.08	0.85	23.02	ppb
Antimony	121-1	0.08	0.06	0.09	0.08	19.04	ppb
Arsenic	75-2	-0.01	0.02	-0.01	0.00		ppb
Barium	135-1	0.01	0.03	0.04	0.02	63.35	ppb
Barium	137-1	0.02	0.03	0.04	0.03	27.32	ppb
Beryllium	9-1	0.03	0.03	0.03	0.03	6.23	ppb
Bismuth	209-1				100		%
Bismuth	209-2				96		%
Boron	10-1	3.88	3.73	3.69	3.77	2.60	ppb
Boron	11-1	3.90	3.97	3.89	3.92	1.08	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.06	-0.02	-0.03	-0.04		ppb
Cadmium	106-1	-3.36	-1.59	-1.82	-2.26		ppb
Cadmium	108-1	0.17	-0.03	-0.03	0.04	311.46	ppb
Calcium	43-1	2.62	4.86	7.02	4.83	45.56	ppb
Calcium	44-1	0.77	-0.15	0.54	0.39	123.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.06	0.03	0.02	0.04	57.10	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	65.03	ppb
Copper	63-2	0.06	0.05	0.06	0.06	15.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				96		%
Indium	115-1				99		%
Indium	115-2				94		%
Iron	56-2	1.96	1.82	1.64	1.80	8.87	ppb
Iron	57-2	1.88	1.59	1.23	1.56	20.88	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	CCB05	Instrumnet Name :	P7
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:54:52	DataFile Name :	037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	1.79	2.26	1.88	1.98	12.71	ppb
Krypton	83-1						cps
Lead	206-1	0.07	0.09	0.11	0.09	25.39	ppb
Lead	207-1	0.08	0.08	0.09	0.08	6.13	ppb
Lead	208-1	0.08	0.08	0.09	0.09	5.17	ppb
Lithium	6-1				97		%
Magnesium	24-2	2.76	3.00	3.53	3.10	12.80	ppb
Manganese	55-2	0.08	0.08	0.08	0.08	5.07	ppb
Molybdenum	94-1	0.13	0.15	0.18	0.15	15.66	ppb
Molybdenum	95-1	0.06	0.08	0.06	0.07	17.18	ppb
Molybdenum	96-1	0.10	0.09	0.07	0.09	16.55	ppb
Molybdenum	97-1	0.08	0.05	0.03	0.05	48.71	ppb
Molybdenum	98-1	0.08	0.08	0.09	0.08	6.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.09	-0.12	-0.10	-0.10		ppb
Phosphorus	31-2	-44.04	-17.01	-28.20	-29.75		ppb
Potassium	39-2	1.36	3.86	-0.12	1.70	118.30	ppb
Rhodium	103-1				97		%
Rhodium	103-2				94		%
Scandium	45-1				93		%
Scandium	45-2				93		%
Selenium	82-1	-0.72	-0.06	-0.13	-0.30		ppb
Selenium	77-2	0.37	0.00	0.00	0.12	173.21	ppb
Selenium	78-2	-0.47	-0.41	0.36	-0.17		ppb
Silicon	28-1	-1.10	-1.67	-1.08	-1.28		ppb
Silver	107-1	0.02	0.04	0.04	0.03	42.41	ppb
Silver	109-1	0.04	0.04	0.04	0.04	6.27	ppb
Sodium	23-2	33.55	33.33	30.43	32.44	5.36	ppb
Strontium	86-1	0.01	-0.07	-0.01	-0.02		ppb
Strontium	88-1	0.05	0.05	0.05	0.05	4.02	ppb
Sulfur	34-1	230.79	372.04	348.50	317.11	23.86	ppb
Terbium	159-1				101		%
Terbium	159-2				96		%
Thallium	203-1	0.05	0.06	0.05	0.06	9.35	ppb
Thallium	205-1	0.07	0.06	0.05	0.06	16.64	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	CCB05	Instrumnet Name :	P7
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:54:52	DataFile Name :	037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.01	0.01	0.01	7.87	ppb
Tin	118-1	-0.04	0.01	0.00	-0.01		ppb
Titanium	47-1	0.03	0.06	0.04	0.04	34.42	ppb
Uranium	238-1	0.01	0.00	0.01	0.01	39.12	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	27.91	ppb
Yttrium	89-1				97		%
Yttrium	89-2				93		%
Zinc	66-2	0.01	-0.01	0.20	0.06	183.79	ppb
Zirconium	90-1	0.05	0.07	0.06	0.06	14.99	ppb
Zirconium	91-1	0.04	0.07	0.04	0.05	31.74	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3747-07	Instrumnet Name :	P7
Client Sample ID :	A0AP5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:58:00	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	42.35	46.68	46.00	45.01	5.17	ppb
Antimony	121-1	0.13	0.10	0.13	0.12	13.17	ppb
Arsenic	75-2	0.29	0.30	0.32	0.31	4.90	ppb
Barium	135-1	50.51	51.71	52.37	51.53	1.83	ppb
Barium	137-1	50.92	51.93	52.94	51.93	1.95	ppb
Beryllium	9-1	0.04	0.04	0.03	0.04	24.99	ppb
Bismuth	209-1				99		%
Bismuth	209-2				95		%
Boron	10-1	16.21	16.93	17.73	16.95	4.49	ppb
Boron	11-1	16.00	17.12	17.87	17.00	5.54	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.04	-0.03	-0.08	-0.05		ppb
Cadmium	106-1	-1.95	-2.01	-4.02	-2.66		ppb
Cadmium	108-1	0.05	-0.09	-0.03	-0.02		ppb
Calcium	43-1	9763.45	9841.97	9789.94	9798.45	0.41	ppb
Calcium	44-1	9752.16	9956.13	9856.45	9854.91	1.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.34	0.36	0.33	0.34	4.16	ppb
Cobalt	59-2	0.24	0.22	0.22	0.22	4.22	ppb
Copper	63-2	0.45	0.46	0.41	0.44	6.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				96		%
Indium	115-1				97		%
Indium	115-2				93		%
Iron	56-2	807.86	795.17	799.44	800.82	0.81	ppb
Iron	57-2	821.53	797.90	794.82	804.75	1.82	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3747-07	Instrumnet Name :	P7
Client Sample ID :	A0AP5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:58:00	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	818.35	797.51	812.64	809.50	1.33	ppb
Krypton	83-1						cps
Lead	206-1	0.24	0.24	0.22	0.24	4.65	ppb
Lead	207-1	0.20	0.24	0.20	0.21	8.92	ppb
Lead	208-1	0.22	0.23	0.21	0.22	3.56	ppb
Lithium	6-1				96		%
Magnesium	24-2	2044.23	2028.97	2033.61	2035.60	0.38	ppb
Manganese	55-2	185.65	181.87	184.00	183.84	1.03	ppb
Molybdenum	94-1	0.29	0.24	0.33	0.29	15.36	ppb
Molybdenum	95-1	0.21	0.19	0.20	0.20	6.08	ppb
Molybdenum	96-1	0.20	0.25	0.20	0.22	13.43	ppb
Molybdenum	97-1	0.19	0.20	0.14	0.18	18.03	ppb
Molybdenum	98-1	0.21	0.21	0.22	0.22	1.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.33	0.29	0.35	0.33	8.91	ppb
Phosphorus	31-2	3.33	-5.21	-10.43	-4.10		ppb
Potassium	39-2	1670.69	1684.20	1662.59	1672.49	0.65	ppb
Rhodium	103-1				94		%
Rhodium	103-2				91		%
Scandium	45-1				92		%
Scandium	45-2				91		%
Selenium	82-1	-0.78	-0.49	0.37	-0.30		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.26	-0.31	-0.08	-0.22		ppb
Silicon	28-1	3207.78	3262.23	3297.64	3255.88	1.39	ppb
Silver	107-1	-0.01	0.00	0.00	0.00		ppb
Silver	109-1	-0.01	-0.01	-0.01	-0.01		ppb
Sodium	23-2	43389.19	43430.75	43276.61	43365.51	0.18	ppb
Strontium	86-1	67.31	67.34	69.00	67.88	1.43	ppb
Strontium	88-1	67.49	67.57	68.20	67.75	0.57	ppb
Sulfur	34-1	1183.71	1073.44	1021.52	1092.89	7.58	ppb
Terbium	159-1				101		%
Terbium	159-2				95		%
Thallium	203-1	0.02	0.03	0.03	0.03	14.72	ppb
Thallium	205-1	0.02	0.03	0.03	0.03	15.15	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3747-07	Instrumnet Name :	P7
Client Sample ID :	A0AP5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:58:00	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.02	0.02	0.02	0.02	17.53	ppb
Tin	118-1	0.02	0.03	0.04	0.03	27.06	ppb
Titanium	47-1	0.73	0.57	0.61	0.64	12.94	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	9.22	ppb
Vanadium	51-2	0.13	0.16	0.18	0.16	15.84	ppb
Yttrium	89-1				96		%
Yttrium	89-2				92		%
Zinc	66-2	4.77	4.92	4.85	4.85	1.61	ppb
Zirconium	90-1	0.10	0.11	0.09	0.10	9.68	ppb
Zirconium	91-1	0.07	0.11	0.14	0.11	34.90	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3748-01	Instrumnet Name :	P7
Client Sample ID :	A0AM2	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 11:01:08	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	69.38	73.18	75.64	72.73	4.33	ppb
Antimony	121-1	0.10	0.10	0.12	0.11	11.18	ppb
Arsenic	75-2	0.36	0.35	0.46	0.39	16.56	ppb
Barium	135-1	51.82	51.67	50.78	51.43	1.09	ppb
Barium	137-1	51.19	51.92	52.46	51.86	1.23	ppb
Beryllium	9-1	0.01	0.07	0.03	0.04	81.47	ppb
Bismuth	209-1				99		%
Bismuth	209-2				94		%
Boron	10-1	15.10	14.36	14.72	14.73	2.53	ppb
Boron	11-1	15.14	15.84	15.87	15.62	2.67	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.03	0.00	-0.06	-0.03		ppb
Cadmium	106-1	-1.45	-0.45	-2.80	-1.57		ppb
Cadmium	108-1	0.06	-0.03	-0.06	-0.01		ppb
Calcium	43-1	9742.55	9705.26	9743.56	9730.46	0.22	ppb
Calcium	44-1	9699.86	9762.94	9703.47	9722.09	0.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.48	0.48	0.49	0.48	0.57	ppb
Cobalt	59-2	0.20	0.19	0.21	0.20	5.12	ppb
Copper	63-2	0.52	0.41	0.54	0.49	13.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				95		%
Indium	115-1				96		%
Indium	115-2				92		%
Iron	56-2	930.21	914.71	918.72	921.21	0.87	ppb
Iron	57-2	943.54	920.09	925.90	929.84	1.31	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3748-01	Instrumnet Name :	P7
Client Sample ID :	A0AM2	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 11:01:08	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	934.60	938.44	921.41	931.48	0.96	ppb
Krypton	83-1						cps
Lead	206-1	0.31	0.37	0.33	0.34	7.83	ppb
Lead	207-1	0.32	0.28	0.29	0.30	7.05	ppb
Lead	208-1	0.31	0.32	0.32	0.32	1.83	ppb
Lithium	6-1				95		%
Magnesium	24-2	2020.22	2005.49	1994.76	2006.83	0.64	ppb
Manganese	55-2	84.25	83.06	83.87	83.73	0.72	ppb
Molybdenum	94-1	0.41	0.34	0.39	0.38	9.23	ppb
Molybdenum	95-1	0.30	0.37	0.32	0.33	10.86	ppb
Molybdenum	96-1	0.32	0.35	0.32	0.33	5.58	ppb
Molybdenum	97-1	0.29	0.36	0.34	0.33	10.77	ppb
Molybdenum	98-1	0.39	0.34	0.37	0.37	5.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.35	0.35	0.35	0.35	1.19	ppb
Phosphorus	31-2	15.75	-17.04	-3.25	-1.51		ppb
Potassium	39-2	1988.15	1982.67	1981.86	1984.23	0.17	ppb
Rhodium	103-1				93		%
Rhodium	103-2				91		%
Scandium	45-1				90		%
Scandium	45-2				90		%
Selenium	82-1	-0.38	-0.08	0.23	-0.08		ppb
Selenium	77-2	0.38	0.38	0.00	0.25	86.61	ppb
Selenium	78-2	-0.60	-0.75	-0.79	-0.71		ppb
Silicon	28-1	3105.08	3115.12	3091.96	3104.05	0.37	ppb
Silver	107-1	0.00	-0.01	0.00	0.00		ppb
Silver	109-1	-0.01	-0.01	-0.01	-0.01		ppb
Sodium	23-2	40119.50	39514.08	39174.69	39602.76	1.21	ppb
Strontium	86-1	64.86	66.09	66.88	65.94	1.54	ppb
Strontium	88-1	66.00	66.54	67.75	66.76	1.34	ppb
Sulfur	34-1	987.42	1226.54	1102.37	1105.44	10.82	ppb
Terbium	159-1				100		%
Terbium	159-2				95		%
Thallium	203-1	0.01	0.02	0.02	0.02	17.98	ppb
Thallium	205-1	0.01	0.02	0.02	0.02	5.16	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3748-01	Instrumnet Name :	P7
Client Sample ID :	A0AM2	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 11:01:08	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.03	0.03	0.02	0.02	17.85	ppb
Tin	118-1	0.02	0.00	-0.01	0.00	336.80	ppb
Titanium	47-1	1.42	1.37	1.26	1.35	5.90	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	3.58	ppb
Vanadium	51-2	0.37	0.40	0.42	0.39	6.54	ppb
Yttrium	89-1				94		%
Yttrium	89-2				91		%
Zinc	66-2	5.35	5.47	5.11	5.31	3.37	ppb
Zirconium	90-1	0.08	0.07	0.07	0.07	5.70	ppb
Zirconium	91-1	0.04	0.10	0.02	0.05	83.79	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3748-02	Instrumnet Name :	P7
Client Sample ID :	A0AM4	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 11:04:15	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	71.15	65.08	68.94	68.39	4.49	ppb
Antimony	121-1	0.09	0.12	0.11	0.11	10.81	ppb
Arsenic	75-2	0.46	0.30	0.45	0.41	21.96	ppb
Barium	135-1	50.84	50.81	50.79	50.81	0.05	ppb
Barium	137-1	51.00	51.60	50.87	51.16	0.76	ppb
Beryllium	9-1	0.03	0.05	0.05	0.04	21.94	ppb
Bismuth	209-1				99		%
Bismuth	209-2				94		%
Boron	10-1	14.61	15.67	13.66	14.65	6.83	ppb
Boron	11-1	14.84	15.06	15.40	15.10	1.87	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.03	-0.03	-0.06	-0.04		ppb
Cadmium	106-1	-0.81	-2.30	-2.56	-1.89		ppb
Cadmium	108-1	0.26	0.03	0.00	0.10	148.95	ppb
Calcium	43-1	9725.56	9771.17	9658.82	9718.52	0.58	ppb
Calcium	44-1	9629.18	9765.67	9744.11	9712.98	0.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.50	0.44	0.46	0.47	6.70	ppb
Cobalt	59-2	0.18	0.20	0.19	0.19	6.70	ppb
Copper	63-2	0.44	0.41	0.50	0.45	9.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				95		%
Indium	115-1				95		%
Indium	115-2				91		%
Iron	56-2	776.30	777.05	767.11	773.49	0.72	ppb
Iron	57-2	786.42	779.22	762.33	775.99	1.59	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3748-02	Instrumnet Name :	P7
Client Sample ID :	A0AM4	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 11:04:15	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	779.07	777.03	782.67	779.59	0.37	ppb
Krypton	83-1						cps
Lead	206-1	0.28	0.30	0.32	0.30	6.08	ppb
Lead	207-1	0.27	0.28	0.30	0.28	5.40	ppb
Lead	208-1	0.26	0.28	0.30	0.28	7.77	ppb
Lithium	6-1				94		%
Magnesium	24-2	2042.16	2039.87	2009.96	2030.66	0.88	ppb
Manganese	55-2	77.88	77.17	76.16	77.07	1.12	ppb
Molybdenum	94-1	0.32	0.37	0.32	0.34	8.47	ppb
Molybdenum	95-1	0.31	0.39	0.36	0.35	11.23	ppb
Molybdenum	96-1	0.33	0.35	0.36	0.35	4.02	ppb
Molybdenum	97-1	0.41	0.38	0.29	0.36	17.53	ppb
Molybdenum	98-1	0.37	0.32	0.30	0.33	10.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.32	0.27	0.32	0.30	8.54	ppb
Phosphorus	31-2	-12.52	-1.57	-18.55	-10.88		ppb
Potassium	39-2	1986.23	2006.92	1983.80	1992.31	0.64	ppb
Rhodium	103-1				92		%
Rhodium	103-2				90		%
Scandium	45-1				90		%
Scandium	45-2				89		%
Selenium	82-1	-0.10	0.30	-0.15	0.02	1416.02	ppb
Selenium	77-2	0.00	0.39	0.00	0.13	173.21	ppb
Selenium	78-2	-0.42	0.20	-0.45	-0.23		ppb
Silicon	28-1	3009.16	3102.37	3074.62	3062.05	1.56	ppb
Silver	107-1	-0.01	-0.01	-0.01	-0.01		ppb
Silver	109-1	-0.01	-0.02	-0.01	-0.01		ppb
Sodium	23-2	40473.15	40297.37	39806.26	40192.26	0.86	ppb
Strontium	86-1	64.65	65.63	65.64	65.31	0.88	ppb
Strontium	88-1	66.48	65.99	67.32	66.60	1.01	ppb
Sulfur	34-1	903.53	1102.91	944.34	983.59	10.71	ppb
Terbium	159-1				100		%
Terbium	159-2				94		%
Thallium	203-1	0.01	0.01	0.00	0.01	82.64	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	21.66	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3748-02	Instrumnet Name :	P7
Client Sample ID :	A0AM4	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 11:04:15	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.03	0.02	0.02	0.02	14.97	ppb
Tin	118-1	0.07	0.06	0.07	0.07	8.00	ppb
Titanium	47-1	1.27	1.09	1.18	1.18	7.47	ppb
Uranium	238-1	0.03	0.03	0.02	0.03	11.64	ppb
Vanadium	51-2	0.25	0.31	0.31	0.29	12.28	ppb
Yttrium	89-1				94		%
Yttrium	89-2				90		%
Zinc	66-2	5.59	5.50	5.41	5.50	1.68	ppb
Zirconium	90-1	0.06	0.06	0.07	0.06	8.53	ppb
Zirconium	91-1	0.06	0.03	0.03	0.04	52.17	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3748-03	Instrumnet Name :	P7
Client Sample ID :	A0AM6	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 11:07:24	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	66.96	64.71	67.49	66.39	2.22	ppb
Antimony	121-1	0.11	0.10	0.11	0.11	2.92	ppb
Arsenic	75-2	0.47	0.44	0.45	0.46	3.13	ppb
Barium	135-1	49.42	49.87	51.13	50.14	1.76	ppb
Barium	137-1	50.55	51.28	51.48	51.10	0.96	ppb
Beryllium	9-1	0.03	0.03	0.03	0.03	1.92	ppb
Bismuth	209-1				99		%
Bismuth	209-2				93		%
Boron	10-1	16.81	18.05	17.10	17.32	3.77	ppb
Boron	11-1	16.07	16.84	16.38	16.43	2.38	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.06	-0.07	-0.03	-0.06		ppb
Cadmium	106-1	-2.28	-3.21	-1.62	-2.37		ppb
Cadmium	108-1	0.00	-0.03	0.11	0.03	268.30	ppb
Calcium	43-1	10047.02	10237.74	10092.19	10125.65	0.98	ppb
Calcium	44-1	10012.14	10150.87	10053.50	10072.17	0.71	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.48	0.54	0.51	0.51	6.04	ppb
Cobalt	59-2	0.19	0.20	0.20	0.20	4.08	ppb
Copper	63-2	0.64	0.66	0.66	0.65	1.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				95		%
Indium	115-1				96		%
Indium	115-2				92		%
Iron	56-2	800.97	793.21	796.07	796.75	0.49	ppb
Iron	57-2	816.90	805.61	808.60	810.37	0.72	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3748-03	Instrumnet Name :	P7
Client Sample ID :	A0AM6	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 11:07:24	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	814.03	801.89	817.62	811.18	1.02	ppb
Krypton	83-1						cps
Lead	206-1	0.30	0.28	0.32	0.30	6.45	ppb
Lead	207-1	0.28	0.31	0.32	0.30	6.04	ppb
Lead	208-1	0.29	0.30	0.30	0.29	2.91	ppb
Lithium	6-1				94		%
Magnesium	24-2	2046.85	2048.52	2031.59	2042.32	0.46	ppb
Manganese	55-2	95.91	93.95	94.92	94.93	1.03	ppb
Molybdenum	94-1	0.34	0.26	0.32	0.31	14.07	ppb
Molybdenum	95-1	0.31	0.37	0.34	0.34	8.81	ppb
Molybdenum	96-1	0.30	0.33	0.35	0.33	7.49	ppb
Molybdenum	97-1	0.39	0.35	0.37	0.37	6.03	ppb
Molybdenum	98-1	0.29	0.33	0.37	0.33	12.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.52	0.37	0.46	0.45	16.81	ppb
Phosphorus	31-2	-10.61	-16.24	-29.30	-18.72		ppb
Potassium	39-2	1959.44	1932.31	1963.69	1951.81	0.87	ppb
Rhodium	103-1				92		%
Rhodium	103-2				90		%
Scandium	45-1				90		%
Scandium	45-2				90		%
Selenium	82-1	-0.43	-0.25	-0.44	-0.37		ppb
Selenium	77-2	0.00	0.39	0.00	0.13	173.21	ppb
Selenium	78-2	-0.52	-0.25	-0.01	-0.26		ppb
Silicon	28-1	3267.18	3311.67	3328.82	3302.55	0.96	ppb
Silver	107-1	0.00	-0.01	-0.01	-0.01		ppb
Silver	109-1	-0.02	-0.01	-0.01	-0.01		ppb
Sodium	23-2	43165.09	42892.85	42894.63	42984.19	0.36	ppb
Strontium	86-1	67.92	68.17	67.35	67.82	0.62	ppb
Strontium	88-1	67.23	68.49	68.61	68.11	1.12	ppb
Sulfur	34-1	1026.65	1096.61	1146.64	1089.96	5.53	ppb
Terbium	159-1				100		%
Terbium	159-2				95		%
Thallium	203-1	0.00	0.01	0.01	0.01	37.84	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	22.59	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3748-03	Instrumnet Name :	P7
Client Sample ID :	A0AM6	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 11:07:24	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.02	0.02	0.02	0.02	10.60	ppb
Tin	118-1	0.05	0.03	0.05	0.04	17.63	ppb
Titanium	47-1	1.23	1.12	1.23	1.19	5.04	ppb
Uranium	238-1	0.02	0.02	0.03	0.03	20.31	ppb
Vanadium	51-2	0.37	0.35	0.35	0.36	3.26	ppb
Yttrium	89-1				94		%
Yttrium	89-2				90		%
Zinc	66-2	6.01	5.47	6.29	5.92	7.03	ppb
Zirconium	90-1	0.05	0.08	0.05	0.06	31.21	ppb
Zirconium	91-1	0.04	0.07	0.05	0.05	25.78	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3748-04	Instrumnet Name :	P7
Client Sample ID :	A0AN6	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 11:10:31	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	80.55	76.53	74.77	77.28	3.84	ppb
Antimony	121-1	0.09	0.11	0.11	0.10	10.79	ppb
Arsenic	75-2	1.60	1.60	1.48	1.56	4.43	ppb
Barium	135-1	73.60	74.91	73.38	73.96	1.12	ppb
Barium	137-1	73.42	75.16	73.58	74.05	1.29	ppb
Beryllium	9-1	0.05	0.08	0.08	0.07	21.14	ppb
Bismuth	209-1				99		%
Bismuth	209-2				94		%
Boron	10-1	17.13	16.55	16.50	16.73	2.10	ppb
Boron	11-1	16.12	16.49	17.26	16.62	3.48	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.01	-0.02	-0.02	-0.01		ppb
Cadmium	106-1	-1.40	-2.21	-2.61	-2.07		ppb
Cadmium	108-1	0.03	-0.03	0.06	0.02	212.87	ppb
Calcium	43-1	19746.44	19687.22	20287.19	19906.95	1.66	ppb
Calcium	44-1	18620.82	18792.11	19270.92	18894.62	1.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6.62	6.77	6.66	6.68	1.16	ppb
Cobalt	59-2	5.93	6.05	5.97	5.99	1.04	ppb
Copper	63-2	0.72	0.68	0.72	0.71	3.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				96		%
Indium	115-1				95		%
Indium	115-2				92		%
Iron	56-2	9560.21	9466.62	9420.97	9482.60	0.75	ppb
Iron	57-2	9695.65	9712.97	9579.01	9662.54	0.75	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3748-04	Instrumnet Name :	P7
Client Sample ID :	A0AN6	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 11:10:31	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	9867.40	9875.16	9709.27	9817.28	0.95	ppb
Krypton	83-1						cps
Lead	206-1	0.58	0.62	0.59	0.59	3.47	ppb
Lead	207-1	0.57	0.61	0.51	0.56	8.36	ppb
Lead	208-1	0.57	0.59	0.57	0.57	2.12	ppb
Lithium	6-1				94		%
Magnesium	24-2	3521.87	3513.05	3515.98	3516.97	0.13	ppb
Manganese	55-2	1008.93	1002.15	996.44	1002.51	0.62	ppb
Molybdenum	94-1	0.52	0.45	0.36	0.44	17.78	ppb
Molybdenum	95-1	0.40	0.36	0.32	0.36	10.83	ppb
Molybdenum	96-1	0.38	0.36	0.32	0.35	7.99	ppb
Molybdenum	97-1	0.34	0.33	0.35	0.34	3.03	ppb
Molybdenum	98-1	0.35	0.35	0.34	0.35	1.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.19	2.19	2.15	2.17	0.92	ppb
Phosphorus	31-2	-25.46	-44.87	-12.37	-27.57		ppb
Potassium	39-2	1006.70	997.60	1013.46	1005.92	0.79	ppb
Rhodium	103-1				91		%
Rhodium	103-2				91		%
Scandium	45-1				88		%
Scandium	45-2				90		%
Selenium	82-1	0.45	0.11	-0.93	-0.12		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.07	0.27	-0.34	-0.04		ppb
Silicon	28-1	5902.44	5950.99	6012.99	5955.48	0.93	ppb
Silver	107-1	-0.01	-0.01	-0.01	-0.01		ppb
Silver	109-1	-0.02	-0.01	-0.02	-0.02		ppb
Sodium	23-2	31718.48	31370.46	31793.01	31627.32	0.71	ppb
Strontium	86-1	120.96	120.26	123.19	121.47	1.26	ppb
Strontium	88-1	121.91	121.67	122.87	122.15	0.52	ppb
Sulfur	34-1	1978.83	2178.48	2174.88	2110.73	5.41	ppb
Terbium	159-1				99		%
Terbium	159-2				96		%
Thallium	203-1	0.01	0.01	0.01	0.01	25.57	ppb
Thallium	205-1	0.02	0.01	0.01	0.01	29.13	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3748-04	Instrumnet Name :	P7
Client Sample ID :	A0AN6	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 11:10:31	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.06	0.05	0.06	0.06	4.20	ppb
Tin	118-1	0.07	0.08	0.12	0.09	27.99	ppb
Titanium	47-1	1.49	1.67	1.57	1.58	5.89	ppb
Uranium	238-1	0.04	0.03	0.03	0.03	5.35	ppb
Vanadium	51-2	0.87	0.91	0.91	0.89	2.63	ppb
Yttrium	89-1				93		%
Yttrium	89-2				91		%
Zinc	66-2	27.05	26.65	26.01	26.57	1.97	ppb
Zirconium	90-1	0.12	0.14	0.12	0.13	6.70	ppb
Zirconium	91-1	0.11	0.11	0.10	0.11	6.54	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3748-05	Instrumnet Name :	P7
Client Sample ID :	A0AN6D	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 11:13:37	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	78.21	81.59	84.04	81.28	3.60	ppb
Antimony	121-1	0.10	0.09	0.13	0.11	17.00	ppb
Arsenic	75-2	1.69	1.71	1.62	1.67	3.02	ppb
Barium	135-1	73.40	74.00	77.17	74.86	2.71	ppb
Barium	137-1	75.08	75.68	77.35	76.04	1.55	ppb
Beryllium	9-1	0.05	0.02	0.05	0.04	35.99	ppb
Bismuth	209-1				101		%
Bismuth	209-2				94		%
Boron	10-1	16.16	16.55	16.50	16.40	1.29	ppb
Boron	11-1	16.83	17.38	17.38	17.20	1.83	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.00	0.01	0.04	0.02	157.07	ppb
Cadmium	106-1	-1.97	-1.80	-0.62	-1.47		ppb
Cadmium	108-1	-0.03	-0.03	0.06	0.00		ppb
Calcium	43-1	20297.56	20497.14	20897.63	20564.11	1.49	ppb
Calcium	44-1	19234.03	19342.13	19707.04	19427.73	1.28	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7.08	7.05	6.93	7.02	1.13	ppb
Cobalt	59-2	6.27	6.12	6.10	6.17	1.50	ppb
Copper	63-2	0.70	0.67	0.63	0.67	5.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				96		%
Indium	115-1				97		%
Indium	115-2				92		%
Iron	56-2	10380.73	10249.58	10269.31	10299.87	0.69	ppb
Iron	57-2	10467.78	10412.42	10365.38	10415.19	0.49	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3748-05	Instrumnet Name :	P7
Client Sample ID :	A0AN6D	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 11:13:37	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	10597.86	10520.44	10587.11	10568.47	0.40	ppb
Krypton	83-1						cps
Lead	206-1	0.54	0.58	0.61	0.58	6.16	ppb
Lead	207-1	0.51	0.49	0.56	0.52	6.76	ppb
Lead	208-1	0.53	0.54	0.57	0.55	3.99	ppb
Lithium	6-1				94		%
Magnesium	24-2	3605.92	3606.89	3591.74	3601.52	0.24	ppb
Manganese	55-2	1041.89	1025.05	1032.96	1033.30	0.82	ppb
Molybdenum	94-1	0.35	0.43	0.39	0.39	10.44	ppb
Molybdenum	95-1	0.33	0.39	0.33	0.35	10.32	ppb
Molybdenum	96-1	0.39	0.39	0.38	0.39	0.87	ppb
Molybdenum	97-1	0.30	0.32	0.32	0.31	3.49	ppb
Molybdenum	98-1	0.32	0.36	0.37	0.35	8.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.19	2.16	2.08	2.14	2.58	ppb
Phosphorus	31-2	-5.48	-14.76	-13.23	-11.16		ppb
Potassium	39-2	1039.36	1039.10	1030.26	1036.24	0.50	ppb
Rhodium	103-1				93		%
Rhodium	103-2				91		%
Scandium	45-1				90		%
Scandium	45-2				91		%
Selenium	82-1	0.44	-0.17	0.28	0.18	172.68	ppb
Selenium	77-2	0.38	0.00	0.77	0.38	99.94	ppb
Selenium	78-2	-0.08	-0.43	-0.60	-0.37		ppb
Silicon	28-1	6048.40	6128.19	6239.08	6138.56	1.56	ppb
Silver	107-1	-0.01	-0.01	-0.01	-0.01		ppb
Silver	109-1	-0.02	-0.02	-0.02	-0.02		ppb
Sodium	23-2	32185.32	32293.00	32245.58	32241.30	0.17	ppb
Strontium	86-1	123.00	124.09	129.23	125.44	2.65	ppb
Strontium	88-1	123.09	124.31	128.25	125.22	2.16	ppb
Sulfur	34-1	1916.23	2054.09	2333.02	2101.11	10.11	ppb
Terbium	159-1				101		%
Terbium	159-2				96		%
Thallium	203-1	0.03	0.01	0.01	0.02	42.79	ppb
Thallium	205-1	0.01	0.02	0.01	0.01	27.07	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3748-05	Instrumnet Name :	P7
Client Sample ID :	A0AN6D	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 11:13:37	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.06	0.06	0.06	0.06	6.27	ppb
Tin	118-1	0.20	0.15	0.16	0.17	14.86	ppb
Titanium	47-1	1.55	1.55	1.34	1.48	8.30	ppb
Uranium	238-1	0.04	0.03	0.03	0.03	12.39	ppb
Vanadium	51-2	0.91	0.94	0.96	0.93	2.77	ppb
Yttrium	89-1				95		%
Yttrium	89-2				91		%
Zinc	66-2	25.51	24.65	24.80	24.99	1.84	ppb
Zirconium	90-1	0.13	0.11	0.13	0.12	9.09	ppb
Zirconium	91-1	0.10	0.12	0.12	0.11	9.06	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3748-04LX5	Instrumnet Name :	P7
Client Sample ID :	A0AN6L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-21 11:16:43	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.96	14.85	14.20	14.00	6.84	ppb
Antimony	121-1	0.01	0.02	0.01	0.01	27.33	ppb
Arsenic	75-2	0.36	0.31	0.26	0.31	16.89	ppb
Barium	135-1	14.48	14.22	13.88	14.19	2.13	ppb
Barium	137-1	13.90	14.29	14.17	14.12	1.44	ppb
Beryllium	9-1	0.03	0.01	0.01	0.02	45.43	ppb
Bismuth	209-1				98		%
Bismuth	209-2				93		%
Boron	10-1	4.45	4.78	3.61	4.28	14.15	ppb
Boron	11-1	4.27	4.28	4.23	4.26	0.64	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.03	0.02	-0.07	-0.03		ppb
Cadmium	106-1	-1.81	0.22	-2.18	-1.25		ppb
Cadmium	108-1	-0.09	-0.08	0.20	0.01	1438.95	ppb
Calcium	43-1	3799.20	3797.04	3786.66	3794.30	0.18	ppb
Calcium	44-1	3779.12	3835.21	3815.72	3810.02	0.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.41	1.32	1.38	1.37	3.56	ppb
Cobalt	59-2	1.13	1.19	1.11	1.14	3.31	ppb
Copper	63-2	0.09	0.14	0.06	0.10	39.25	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				99		%
Holmium	165-2				94		%
Indium	115-1				95		%
Indium	115-2				91		%
Iron	56-2	1883.87	1874.39	1877.54	1878.60	0.26	ppb
Iron	57-2	1882.15	1824.22	1825.82	1844.06	1.79	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3748-04LX5	Instrumnet Name :	P7
Client Sample ID :	A0AN6L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-21 11:16:43	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	1917.02	1902.34	1914.98	1911.45	0.42	ppb
Krypton	83-1						cps
Lead	206-1	0.15	0.12	0.12	0.13	12.46	ppb
Lead	207-1	0.12	0.14	0.15	0.14	13.14	ppb
Lead	208-1	0.12	0.13	0.13	0.12	2.08	ppb
Lithium	6-1				93		%
Magnesium	24-2	678.23	674.54	684.13	678.97	0.71	ppb
Manganese	55-2	194.27	193.36	192.84	193.49	0.38	ppb
Molybdenum	94-1	0.10	0.06	0.05	0.07	38.96	ppb
Molybdenum	95-1	0.08	0.07	0.09	0.08	15.98	ppb
Molybdenum	96-1	0.09	0.06	0.09	0.08	18.51	ppb
Molybdenum	97-1	0.06	0.09	0.07	0.07	23.35	ppb
Molybdenum	98-1	0.10	0.08	0.05	0.07	33.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.32	0.31	0.25	0.29	13.02	ppb
Phosphorus	31-2	-31.67	-28.31	-20.44	-26.80		ppb
Potassium	39-2	187.32	193.64	184.07	188.35	2.58	ppb
Rhodium	103-1				92		%
Rhodium	103-2				90		%
Scandium	45-1				88		%
Scandium	45-2				89		%
Selenium	82-1	0.04	0.23	-0.77	-0.17		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.35	-0.04	-0.24	-0.21		ppb
Silicon	28-1	1155.82	1149.72	1135.97	1147.17	0.89	ppb
Silver	107-1	-0.01	-0.02	-0.01	-0.01		ppb
Silver	109-1	-0.02	-0.02	-0.01	-0.02		ppb
Sodium	23-2	6059.32	6052.71	6040.65	6050.89	0.16	ppb
Strontium	86-1	22.88	22.48	22.47	22.61	1.04	ppb
Strontium	88-1	23.45	23.43	23.36	23.41	0.20	ppb
Sulfur	34-1	610.94	511.44	524.21	548.86	9.86	ppb
Terbium	159-1				98		%
Terbium	159-2				94		%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.01	0.00	59.21	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3748-04LX5	Instrumnet Name :	P7
Client Sample ID :	A0AN6L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-21 11:16:43	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.01	0.01	0.01	25.32	ppb
Tin	118-1	-0.04	-0.03	-0.03	-0.03		ppb
Titanium	47-1	0.30	0.29	0.37	0.32	13.84	ppb
Uranium	238-1	0.01	0.00	0.01	0.01	8.21	ppb
Vanadium	51-2	0.15	0.16	0.18	0.16	7.05	ppb
Yttrium	89-1				93		%
Yttrium	89-2				89		%
Zinc	66-2	4.64	4.59	4.60	4.61	0.62	ppb
Zirconium	90-1	0.02	0.03	0.03	0.02	14.69	ppb
Zirconium	91-1	0.00	0.02	0.01	0.01	104.76	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3748-06	Instrumnet Name :	P7
Client Sample ID :	A0AN6S	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 11:19:50	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2246.56	2208.97	2218.88	2224.80	0.88	ppb
Antimony	121-1	111.13	110.16	110.86	110.72	0.45	ppb
Arsenic	75-2	45.39	46.34	46.84	46.19	1.59	ppb
Barium	135-1	2207.57	2212.68	2189.67	2203.30	0.55	ppb
Barium	137-1	2220.52	2214.24	2190.79	2208.52	0.71	ppb
Beryllium	9-1	53.33	52.09	52.86	52.76	1.19	ppb
Bismuth	209-1				99		%
Bismuth	209-2				94		%
Boron	10-1	16.18	16.61	16.68	16.49	1.63	ppb
Boron	11-1	15.53	16.76	17.90	16.73	7.08	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	55.23	55.02	54.55	54.94	0.63	ppb
Cadmium	106-1	44.16	46.11	41.14	43.80	5.72	ppb
Cadmium	108-1	46.54	48.05	47.14	47.24	1.61	ppb
Calcium	43-1	21376.28	21570.97	21493.78	21480.35	0.46	ppb
Calcium	44-1	20283.73	20572.69	20335.56	20397.33	0.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	218.16	214.21	220.98	217.78	1.56	ppb
Cobalt	59-2	541.01	536.99	544.62	540.87	0.71	ppb
Copper	63-2	270.05	266.49	271.44	269.33	0.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				96		%
Indium	115-1				95		%
Indium	115-2				92		%
Iron	56-2	13058.48	12985.66	13108.68	13050.94	0.47	ppb
Iron	57-2	13258.40	13146.66	13287.98	13231.01	0.56	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3748-06	Instrumnet Name :	P7
Client Sample ID :	A0AN6S	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 11:19:50	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	13539.34	13572.51	13652.86	13588.24	0.43	ppb
Krypton	83-1						cps
Lead	206-1	21.12	21.14	21.27	21.18	0.39	ppb
Lead	207-1	21.54	21.85	21.69	21.70	0.72	ppb
Lead	208-1	21.35	21.37	21.48	21.40	0.34	ppb
Lithium	6-1				94		%
Magnesium	24-2	3721.44	3746.62	3741.49	3736.52	0.36	ppb
Manganese	55-2	1623.22	1614.03	1633.79	1623.68	0.61	ppb
Molybdenum	94-1	0.60	0.48	0.48	0.52	13.11	ppb
Molybdenum	95-1	0.42	0.40	0.41	0.41	2.24	ppb
Molybdenum	96-1	0.43	0.43	0.44	0.43	1.83	ppb
Molybdenum	97-1	0.44	0.35	0.42	0.40	11.81	ppb
Molybdenum	98-1	0.47	0.44	0.46	0.45	3.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	542.39	533.98	548.51	541.63	1.35	ppb
Phosphorus	31-2	-10.62	-18.06	-45.36	-24.68		ppb
Potassium	39-2	1076.64	1080.31	1092.79	1083.25	0.78	ppb
Rhodium	103-1				92		%
Rhodium	103-2				91		%
Scandium	45-1				90		%
Scandium	45-2				91		%
Selenium	82-1	102.80	106.85	105.34	105.00	1.95	ppb
Selenium	77-2	96.87	113.58	112.50	107.65	8.69	ppb
Selenium	78-2	111.60	111.06	105.68	109.44	2.99	ppb
Silicon	28-1	6363.79	6383.66	6379.30	6375.59	0.16	ppb
Silver	107-1	35.67	35.26	35.13	35.35	0.80	ppb
Silver	109-1	35.12	35.45	35.60	35.39	0.68	ppb
Sodium	23-2	32963.51	32933.47	32681.24	32859.41	0.47	ppb
Strontium	86-1	128.77	131.70	130.21	130.22	1.12	ppb
Strontium	88-1	129.96	132.29	131.50	131.25	0.90	ppb
Sulfur	34-1	1963.47	1917.75	1927.58	1936.27	1.24	ppb
Terbium	159-1				100		%
Terbium	159-2				95		%
Thallium	203-1	52.60	52.15	53.01	52.59	0.82	ppb
Thallium	205-1	52.78	52.54	53.48	52.93	0.92	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3748-06	Instrumnet Name :	P7
Client Sample ID :	A0AN6S	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 11:19:50	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.06	0.07	0.06	0.07	4.66	ppb
Tin	118-1	0.21	0.17	0.77	0.38	86.93	ppb
Titanium	47-1	1.72	1.72	1.74	1.73	0.66	ppb
Uranium	238-1	0.04	0.04	0.03	0.04	3.98	ppb
Vanadium	51-2	519.60	514.12	521.42	518.38	0.73	ppb
Yttrium	89-1				94		%
Yttrium	89-2				91		%
Zinc	66-2	558.84	558.13	563.05	560.01	0.47	ppb
Zirconium	90-1	0.14	0.14	0.17	0.15	13.75	ppb
Zirconium	91-1	0.18	0.19	0.15	0.17	10.25	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3748-07	Instrumnet Name :	P7
Client Sample ID :	A0AP6	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 11:22:55	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	64.86	65.75	64.38	65.00	1.07	ppb
Antimony	121-1	0.08	0.08	0.08	0.08	5.98	ppb
Arsenic	75-2	0.37	0.31	0.43	0.37	16.03	ppb
Barium	135-1	53.21	54.58	52.97	53.59	1.63	ppb
Barium	137-1	53.66	55.00	54.01	54.22	1.28	ppb
Beryllium	9-1	0.03	0.04	0.03	0.04	25.12	ppb
Bismuth	209-1				100		%
Bismuth	209-2				94		%
Boron	10-1	16.55	15.68	15.27	15.83	4.12	ppb
Boron	11-1	14.83	15.98	15.34	15.38	3.75	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.02	0.01	-0.04	-0.02		ppb
Cadmium	106-1	-1.38	0.06	-1.88	-1.07		ppb
Cadmium	108-1	-0.12	0.00	0.03	-0.03		ppb
Calcium	43-1	9763.89	9715.70	9812.90	9764.16	0.50	ppb
Calcium	44-1	9845.69	9812.66	9761.59	9806.65	0.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.96	0.88	0.90	0.91	4.59	ppb
Cobalt	59-2	0.34	0.35	0.33	0.34	2.98	ppb
Copper	63-2	0.40	0.45	0.46	0.44	7.84	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				102		%
Holmium	165-2				96		%
Indium	115-1				96		%
Indium	115-2				93		%
Iron	56-2	1891.22	1872.29	1852.79	1872.10	1.03	ppb
Iron	57-2	1903.22	1891.37	1861.61	1885.40	1.14	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3748-07	Instrumnet Name :	P7
Client Sample ID :	A0AP6	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 11:22:55	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	1917.78	1907.34	1860.32	1895.15	1.62	ppb
Krypton	83-1						cps
Lead	206-1	0.67	0.64	0.65	0.65	2.45	ppb
Lead	207-1	0.61	0.58	0.66	0.62	6.50	ppb
Lead	208-1	0.64	0.62	0.64	0.63	2.37	ppb
Lithium	6-1				95		%
Magnesium	24-2	2058.51	2020.30	2025.30	2034.70	1.02	ppb
Manganese	55-2	284.46	283.13	281.89	283.16	0.45	ppb
Molybdenum	94-1	0.20	0.23	0.15	0.20	21.50	ppb
Molybdenum	95-1	0.22	0.24	0.21	0.22	8.30	ppb
Molybdenum	96-1	0.22	0.20	0.20	0.20	4.58	ppb
Molybdenum	97-1	0.22	0.24	0.24	0.23	3.26	ppb
Molybdenum	98-1	0.26	0.23	0.19	0.23	15.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.02	0.88	0.91	0.94	7.58	ppb
Phosphorus	31-2	-14.35	-12.79	-28.37	-18.50		ppb
Potassium	39-2	1676.86	1679.88	1656.74	1671.16	0.75	ppb
Rhodium	103-1				93		%
Rhodium	103-2				91		%
Scandium	45-1				90		%
Scandium	45-2				90		%
Selenium	82-1	0.29	-0.53	0.63	0.13	461.12	ppb
Selenium	77-2	0.39	0.00	0.00	0.13	173.21	ppb
Selenium	78-2	-0.32	-0.23	-0.01	-0.19		ppb
Silicon	28-1	3259.82	3241.58	3254.72	3252.04	0.29	ppb
Silver	107-1	0.01	0.01	-0.01	0.00	196.02	ppb
Silver	109-1	0.01	-0.01	0.00	0.00	287.57	ppb
Sodium	23-2	44010.83	42993.83	42832.85	43279.17	1.48	ppb
Strontium	86-1	66.35	68.03	67.29	67.23	1.25	ppb
Strontium	88-1	68.01	68.15	68.00	68.05	0.12	ppb
Sulfur	34-1	940.27	837.75	689.58	822.54	15.32	ppb
Terbium	159-1				101		%
Terbium	159-2				96		%
Thallium	203-1	0.01	0.02	0.01	0.02	55.28	ppb
Thallium	205-1	0.02	0.01	0.02	0.02	22.76	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3748-07	Instrumnet Name :	P7
Client Sample ID :	A0AP6	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 11:22:55	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.02	0.02	0.02	0.02	6.09	ppb
Tin	118-1	0.02	0.01	0.00	0.01	124.05	ppb
Titanium	47-1	1.34	1.34	1.34	1.34	0.25	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	3.69	ppb
Vanadium	51-2	0.31	0.33	0.30	0.31	4.95	ppb
Yttrium	89-1				95		%
Yttrium	89-2				91		%
Zinc	66-2	5.20	5.33	5.18	5.24	1.60	ppb
Zirconium	90-1	0.04	0.05	0.05	0.05	13.42	ppb
Zirconium	91-1	0.06	0.03	0.04	0.05	29.59	ppb

LB Number : LB116409 Operator : JASWAL
 Lab Sample ID : PB139156BL Instrumnet Name : P7
 Client Sample ID : PBS156 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-21 11:26:06 DataFile Name : 047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.31	0.14	0.26	0.03	964.50	ppb
Antimony	121-1	0.01	-0.01	0.00	0.00		ppb
Arsenic	75-2	0.00	-0.01	0.00	0.00		ppb
Barium	135-1	0.01	0.01	0.03	0.02	61.23	ppb
Barium	137-1	0.00	0.00	0.03	0.01	217.22	ppb
Beryllium	9-1	0.00	-0.01	-0.01	-0.01		ppb
Bismuth	209-1				100		%
Bismuth	209-2				94		%
Boron	10-1	1.01	1.28	0.48	0.92	44.21	ppb
Boron	11-1	0.60	0.90	0.89	0.80	21.04	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.02	-0.02	-0.02	-0.02		ppb
Cadmium	106-1	-0.90	-0.86	-0.89	-0.88		ppb
Cadmium	108-1	-0.11	-0.03	-0.06	-0.07		ppb
Calcium	43-1	-4.03	-1.87	0.82	-1.69		ppb
Calcium	44-1	-2.99	-2.58	-0.87	-2.15		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.05	0.02	0.00	0.02	107.16	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	-0.03	-0.05	-0.05	-0.04		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				95		%
Indium	115-1				96		%
Indium	115-2				92		%
Iron	56-2	0.11	0.02	-0.07	0.02	386.41	ppb
Iron	57-2	-1.39	-0.76	0.12	-0.68		ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	PB139156BL	Instrumnet Name :	P7
Client Sample ID :	PBS156	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 11:26:06	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	-0.46	0.17	-1.17	-0.49		ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.02	0.00	0.01	122.24	ppb
Lead	207-1	0.00	0.01	0.01	0.01	52.05	ppb
Lead	208-1	0.01	0.01	0.01	0.01	14.29	ppb
Lithium	6-1				95		%
Magnesium	24-2	0.19	0.30	-0.10	0.13	154.85	ppb
Manganese	55-2	0.00	0.00	0.00	0.00	429.63	ppb
Molybdenum	94-1	-0.04	-0.03	-0.02	-0.03		ppb
Molybdenum	95-1	0.00	0.01	-0.01	0.00		ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	426.09	ppb
Molybdenum	97-1	0.02	0.00	0.00	0.00	456.26	ppb
Molybdenum	98-1	0.00	0.01	0.00	0.00	266.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.13	-0.16	-0.15	-0.15		ppb
Phosphorus	31-2	-32.27	-36.15	-45.30	-37.91		ppb
Potassium	39-2	-13.64	-6.17	-7.18	-9.00		ppb
Rhodium	103-1				93		%
Rhodium	103-2				91		%
Scandium	45-1				90		%
Scandium	45-2				90		%
Selenium	82-1	0.06	-0.93	-0.39	-0.42		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.08	-0.09	-0.85	-0.67		ppb
Silicon	28-1	-1.81	-1.46	-2.04	-1.77		ppb
Silver	107-1	0.01	0.01	0.02	0.01	57.44	ppb
Silver	109-1	0.00	0.01	0.02	0.01	138.70	ppb
Sodium	23-2	19.15	20.18	19.26	19.53	2.90	ppb
Strontium	86-1	-0.06	-0.08	-0.07	-0.07		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	34.68	ppb
Sulfur	34-1	-459.23	-607.55	-647.04	-571.27		ppb
Terbium	159-1				100		%
Terbium	159-2				94		%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.01	0.00	39.83	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	PB139156BL	Instrumnet Name :	P7
Client Sample ID :	PBS156	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 11:26:06	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.00	-0.03	0.01	-0.01		ppb
Titanium	47-1	0.02	0.03	0.07	0.04	59.99	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	133.40	ppb
Vanadium	51-2	0.01	0.00	0.01	0.00	68.90	ppb
Yttrium	89-1				94		%
Yttrium	89-2				91		%
Zinc	66-2	-0.18	0.03	0.00	-0.05		ppb
Zirconium	90-1	-0.01	0.00	0.01	0.00		ppb
Zirconium	91-1	-0.01	-0.01	0.00	-0.01		ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	PB139156BS	Instrumnet Name :	P7
Client Sample ID :	LCS156	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 11:29:13	DataFile Name :	048LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	42.92	45.44	42.78	43.71	3.43	ppb
Antimony	121-1	3.97	4.10	3.70	3.92	5.14	ppb
Arsenic	75-2	1.74	1.97	2.04	1.92	8.08	ppb
Barium	135-1	19.87	20.38	18.90	19.72	3.83	ppb
Barium	137-1	18.90	20.19	19.17	19.42	3.51	ppb
Beryllium	9-1	2.06	2.15	1.92	2.05	5.73	ppb
Bismuth	209-1				98		%
Bismuth	209-2				93		%
Boron	10-1	42.81	46.05	44.51	44.45	3.65	ppb
Boron	11-1	42.45	47.05	45.43	44.98	5.19	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	2.19	2.32	2.08	2.19	5.48	ppb
Cadmium	106-1	-0.59	2.40	0.42	0.74	204.82	ppb
Cadmium	108-1	2.28	2.12	2.34	2.24	5.07	ppb
Calcium	43-1	1015.12	1021.23	953.68	996.68	3.75	ppb
Calcium	44-1	1003.19	1001.46	957.88	987.51	2.60	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.00	3.99	4.12	4.03	1.77	ppb
Cobalt	59-2	2.03	2.04	2.00	2.02	1.17	ppb
Copper	63-2	3.73	3.70	3.62	3.68	1.60	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				99		%
Holmium	165-2				93		%
Indium	115-1				96		%
Indium	115-2				92		%
Iron	56-2	466.41	465.04	461.60	464.35	0.53	ppb
Iron	57-2	474.12	452.81	463.55	463.49	2.30	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	PB139156BS	Instrumnet Name :	P7
Client Sample ID :	LCS156	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 11:29:13	DataFile Name :	048LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	470.21	474.90	458.65	467.92	1.79	ppb
Krypton	83-1						cps
Lead	206-1	1.85	1.83	1.82	1.83	0.74	ppb
Lead	207-1	1.83	1.89	1.82	1.85	1.98	ppb
Lead	208-1	1.84	1.87	1.81	1.84	1.70	ppb
Lithium	6-1				93		%
Magnesium	24-2	960.26	966.43	950.29	958.99	0.85	ppb
Manganese	55-2	1.85	1.99	1.92	1.92	3.64	ppb
Molybdenum	94-1	9.65	9.90	9.12	9.56	4.19	ppb
Molybdenum	95-1	9.72	9.82	8.96	9.50	4.96	ppb
Molybdenum	96-1	9.88	9.63	9.22	9.58	3.51	ppb
Molybdenum	97-1	9.95	9.62	9.45	9.67	2.63	ppb
Molybdenum	98-1	10.04	9.75	9.24	9.68	4.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.02	1.91	2.02	1.98	3.21	ppb
Phosphorus	31-2	-30.15	-5.92	-45.73	-27.27		ppb
Potassium	39-2	1006.67	1016.88	1011.35	1011.63	0.51	ppb
Rhodium	103-1				94		%
Rhodium	103-2				92		%
Scandium	45-1				92		%
Scandium	45-2				91		%
Selenium	82-1	9.16	9.83	9.22	9.40	3.97	ppb
Selenium	77-2	10.37	7.73	15.09	11.06	33.69	ppb
Selenium	78-2	10.38	10.27	8.69	9.78	9.64	ppb
Silicon	28-1	19.03	17.62	14.78	17.14	12.62	ppb
Silver	107-1	1.96	2.06	1.96	1.99	2.89	ppb
Silver	109-1	1.95	2.07	2.05	2.02	3.32	ppb
Sodium	23-2	993.70	990.81	973.39	985.97	1.11	ppb
Strontium	86-1	1.81	2.00	2.03	1.95	6.24	ppb
Strontium	88-1	2.10	2.09	2.05	2.08	1.40	ppb
Sulfur	34-1	98.92	23.11	-365.70	-81.22		ppb
Terbium	159-1				99		%
Terbium	159-2				94		%
Thallium	203-1	1.92	1.83	1.71	1.82	5.59	ppb
Thallium	205-1	1.93	1.87	1.79	1.86	3.82	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	PB139156BS	Instrumnet Name :	P7
Client Sample ID :	LCS156	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 11:29:13	DataFile Name :	048LCSE.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	9.49	9.49	9.16	9.38	2.05	ppb
Titanium	47-1	9.53	9.70	9.25	9.49	2.36	ppb
Uranium	238-1	1.68	1.72	1.64	1.68	2.51	ppb
Vanadium	51-2	9.71	9.92	9.56	9.73	1.88	ppb
Yttrium	89-1				95		%
Yttrium	89-2				91		%
Zinc	66-2	9.81	9.79	9.95	9.85	0.88	ppb
Zirconium	90-1	1.82	1.84	1.80	1.82	1.18	ppb
Zirconium	91-1	1.90	1.88	1.67	1.82	6.97	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3749-10	Instrumnet Name :	P7
Client Sample ID :	A0AZ7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 11:32:21	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2246.39	2234.44	2251.68	2244.17	0.39	ppb
Antimony	121-1	145.80	144.76	145.08	145.21	0.37	ppb
Arsenic	75-2	1.59	1.93	1.54	1.69	12.59	ppb
Barium	135-1	2.29	2.16	2.13	2.19	3.81	ppb
Barium	137-1	2.32	2.39	2.46	2.39	3.02	ppb
Beryllium	9-1	23.61	23.21	23.20	23.34	0.99	ppb
Bismuth	209-1				100		%
Bismuth	209-2				96		%
Boron	10-1	3.24	3.10	3.75	3.36	10.09	ppb
Boron	11-1	3.84	3.96	3.59	3.79	4.97	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	12.63	12.58	12.52	12.58	0.43	ppb
Cadmium	106-1	9.77	10.19	6.16	8.71	25.43	ppb
Cadmium	108-1	10.63	10.60	9.39	10.21	6.94	ppb
Calcium	43-1	483.11	483.05	491.03	485.73	0.95	ppb
Calcium	44-1	473.98	475.71	468.41	472.70	0.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	34.73	34.73	35.37	34.94	1.06	ppb
Cobalt	59-2	59.36	58.66	59.89	59.31	1.04	ppb
Copper	63-2	46.01	46.01	46.60	46.21	0.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				97		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	380.15	377.86	385.78	381.26	1.07	ppb
Iron	57-2	372.35	370.96	378.82	374.04	1.12	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3749-10	Instrumnet Name :	P7
Client Sample ID :	A0AZ7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 11:32:21	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	423.94	409.38	414.64	415.99	1.77	ppb
Krypton	83-1						cps
Lead	206-1	43.55	43.51	43.93	43.67	0.53	ppb
Lead	207-1	41.29	41.32	42.32	41.64	1.40	ppb
Lead	208-1	42.52	42.33	43.09	42.65	0.93	ppb
Lithium	6-1				99		%
Magnesium	24-2	5923.74	5960.18	6036.72	5973.55	0.97	ppb
Manganese	55-2	2.92	2.87	2.91	2.90	0.94	ppb
Molybdenum	94-1	3.20	3.14	3.17	3.17	0.97	ppb
Molybdenum	95-1	0.07	0.05	0.05	0.06	18.26	ppb
Molybdenum	96-1	0.39	0.43	0.44	0.42	6.13	ppb
Molybdenum	97-1	0.06	0.06	0.05	0.06	14.27	ppb
Molybdenum	98-1	0.06	0.04	0.05	0.05	14.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.86	0.76	1.07	0.90	17.85	ppb
Phosphorus	31-2	-28.84	-39.30	-21.18	-29.77		ppb
Potassium	39-2	10089.60	10005.22	10137.79	10077.54	0.67	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				94		%
Scandium	45-2				97		%
Selenium	82-1	0.19	0.60	0.59	0.46	50.53	ppb
Selenium	77-2	0.71	0.00	0.73	0.48	86.64	ppb
Selenium	78-2	0.38	-0.20	0.07	0.08	346.56	ppb
Silicon	28-1	232.99	230.09	232.36	231.81	0.66	ppb
Silver	107-1	46.31	46.42	46.61	46.45	0.32	ppb
Silver	109-1	45.50	46.51	45.90	45.97	1.10	ppb
Sodium	23-2	7363.30	7460.57	7566.01	7463.29	1.36	ppb
Strontium	86-1	2.87	2.94	3.17	2.99	5.26	ppb
Strontium	88-1	2.96	3.03	3.03	3.01	1.30	ppb
Sulfur	34-1	-114.70	-377.97	-452.51	-315.06		ppb
Terbium	159-1				102		%
Terbium	159-2				97		%
Thallium	203-1	0.15	0.14	0.12	0.14	11.44	ppb
Thallium	205-1	0.16	0.14	0.15	0.15	5.61	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3749-10	Instrumnet Name :	P7
Client Sample ID :	A0AZ7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 11:32:21	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.19	0.21	0.20	0.20	5.13	ppb
Tin	118-1	0.22	0.23	0.21	0.22	4.01	ppb
Titanium	47-1	3.76	3.78	3.74	3.76	0.52	ppb
Uranium	238-1	0.05	0.05	0.05	0.05	4.16	ppb
Vanadium	51-2	1.13	1.06	1.16	1.12	4.53	ppb
Yttrium	89-1				97		%
Yttrium	89-2				97		%
Zinc	66-2	79.52	79.15	80.91	79.86	1.16	ppb
Zirconium	90-1	2.15	2.09	2.09	2.11	1.66	ppb
Zirconium	91-1	1.97	2.01	2.11	2.03	3.55	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	CCV06	Instrumnet Name :	P7
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 11:37:24	DataFile Name :	050CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49548.89	48054.07	48310.89	48637.95	1.64	ppb
Antimony	121-1	489.08	496.12	483.84	489.68	1.26	ppb
Arsenic	75-2	525.92	518.82	501.72	515.49	2.41	ppb
Barium	135-1	2436.17	2407.91	2439.66	2427.91	0.72	ppb
Barium	137-1	2461.43	2412.50	2477.26	2450.40	1.38	ppb
Beryllium	9-1	480.67	503.34	485.48	489.83	2.44	ppb
Bismuth	209-1				94		%
Bismuth	209-2				87		%
Boron	10-1	454.27	478.14	501.05	477.82	4.90	ppb
Boron	11-1	461.51	481.88	508.81	484.07	4.90	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	495.73	488.61	503.35	495.90	1.49	ppb
Cadmium	106-1	843.57	808.68	847.29	833.18	2.56	ppb
Cadmium	108-1	683.97	652.00	683.03	673.00	2.70	ppb
Calcium	43-1	245332.56	237816.30	255675.77	246274.87	3.64	ppb
Calcium	44-1	238532.37	233293.90	244042.79	238623.02	2.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	480.98	468.48	467.90	472.46	1.56	ppb
Cobalt	59-2	486.79	479.30	476.18	480.76	1.13	ppb
Copper	63-2	5037.39	4908.80	4875.14	4940.44	1.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				94		%
Indium	115-1				94		%
Indium	115-2				87		%
Iron	56-2	123916.47	120680.72	119228.07	121275.09	1.98	ppb
Iron	57-2	124042.92	119453.27	119560.12	121018.77	2.16	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	CCV06	Instrumnet Name :	P7
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 11:37:24	DataFile Name :	050CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	123611.61	120394.88	120539.03	121515.17	1.50	ppb
Krypton	83-1						cps
Lead	206-1	2443.22	2387.26	2521.40	2450.63	2.75	ppb
Lead	207-1	2445.07	2426.05	2547.51	2472.88	2.64	ppb
Lead	208-1	2460.07	2413.53	2531.36	2468.32	2.40	ppb
Lithium	6-1				92		%
Magnesium	24-2	245535.10	241024.50	241852.97	242804.19	0.99	ppb
Manganese	55-2	4989.93	4921.07	4900.82	4937.28	0.95	ppb
Molybdenum	94-1	4819.10	4801.50	4942.47	4854.36	1.58	ppb
Molybdenum	95-1	2388.80	2391.07	2413.97	2397.95	0.58	ppb
Molybdenum	96-1	2701.83	2661.79	2707.55	2690.39	0.93	ppb
Molybdenum	97-1	2379.89	2367.45	2420.76	2389.36	1.17	ppb
Molybdenum	98-1	2373.29	2363.82	2421.62	2386.24	1.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	522.60	513.46	506.67	514.24	1.55	ppb
Phosphorus	31-2	9696.15	9569.38	9494.72	9586.75	1.06	ppb
Potassium	39-2	132657.62	131047.80	129967.84	131224.42	1.03	ppb
Rhodium	103-1				88		%
Rhodium	103-2				84		%
Scandium	45-1				92		%
Scandium	45-2				90		%
Selenium	82-1	483.58	456.57	503.23	481.12	4.87	ppb
Selenium	77-2	516.08	473.82	495.74	495.21	4.27	ppb
Selenium	78-2	513.74	505.44	493.99	504.39	1.97	ppb
Silicon	28-1	485.58	491.02	533.06	503.22	5.16	ppb
Silver	107-1	520.46	515.42	519.99	518.62	0.54	ppb
Silver	109-1	512.38	506.63	519.76	512.92	1.28	ppb
Sodium	23-2	244411.96	235065.74	238806.05	239427.91	1.96	ppb
Strontium	86-1	4697.55	4691.18	4868.59	4752.44	2.12	ppb
Strontium	88-1	4723.98	4660.28	4883.36	4755.87	2.42	ppb
Sulfur	34-1	10135.98	9826.54	10328.62	10097.05	2.51	ppb
Terbium	159-1				101		%
Terbium	159-2				93		%
Thallium	203-1	492.72	476.09	506.14	491.65	3.06	ppb
Thallium	205-1	494.24	484.32	508.17	495.58	2.42	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	CCV06	Instrumnet Name :	P7
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 11:37:24	DataFile Name :	050CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	498.34	483.58	515.63	499.18	3.21	ppb
Tin	118-1	478.31	467.31	482.27	475.96	1.63	ppb
Titanium	47-1	2398.39	2354.31	2443.06	2398.58	1.85	ppb
Uranium	238-1	486.25	467.27	507.56	487.03	4.14	ppb
Vanadium	51-2	484.14	475.97	471.23	477.11	1.37	ppb
Yttrium	89-1				97		%
Yttrium	89-2				90		%
Zinc	66-2	4891.32	4774.49	4748.46	4804.76	1.58	ppb
Zirconium	90-1	2060.60	2033.57	2074.34	2056.17	1.01	ppb
Zirconium	91-1	2050.77	2011.94	2052.26	2038.33	1.12	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	CCB06	Instrumnet Name :	P7
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 11:43:19	DataFile Name :	051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.99	1.56	1.12	1.55	28.18	ppb
Antimony	121-1	0.08	0.09	0.08	0.09	7.36	ppb
Arsenic	75-2	0.02	0.03	0.05	0.03	36.67	ppb
Barium	135-1	0.09	0.08	0.09	0.09	5.98	ppb
Barium	137-1	0.07	0.04	0.07	0.06	32.50	ppb
Beryllium	9-1	0.06	0.01	0.02	0.03	76.47	ppb
Bismuth	209-1				101		%
Bismuth	209-2				95		%
Boron	10-1	4.96	4.28	4.51	4.58	7.51	ppb
Boron	11-1	4.81	4.26	4.47	4.51	6.11	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.03	-0.03	-0.04	-0.03		ppb
Cadmium	106-1	-2.97	-2.53	-2.97	-2.82		ppb
Cadmium	108-1	0.03	0.05	-0.03	0.02	279.88	ppb
Calcium	43-1	-0.03	9.90	5.21	5.03	98.88	ppb
Calcium	44-1	5.59	4.98	4.03	4.87	16.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.05	0.05	0.06	0.05	14.39	ppb
Cobalt	59-2	0.02	0.02	0.02	0.02	8.12	ppb
Copper	63-2	0.21	0.18	0.15	0.18	17.65	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				102		%
Holmium	165-2				96		%
Indium	115-1				100		%
Indium	115-2				95		%
Iron	56-2	3.74	3.79	3.73	3.75	0.96	ppb
Iron	57-2	1.76	1.25	1.77	1.59	18.70	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	CCB06	Instrumnet Name :	P7
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 11:43:19	DataFile Name :	051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	3.50	4.04	3.88	3.81	7.26	ppb
Krypton	83-1						cps
Lead	206-1	0.14	0.10	0.11	0.12	15.27	ppb
Lead	207-1	0.11	0.11	0.11	0.11	2.94	ppb
Lead	208-1	0.12	0.10	0.11	0.11	7.62	ppb
Lithium	6-1				97		%
Magnesium	24-2	7.72	9.14	7.76	8.21	9.79	ppb
Manganese	55-2	0.13	0.13	0.13	0.13	0.56	ppb
Molybdenum	94-1	0.23	0.28	0.25	0.25	10.16	ppb
Molybdenum	95-1	0.12	0.09	0.09	0.10	18.62	ppb
Molybdenum	96-1	0.13	0.15	0.11	0.13	13.16	ppb
Molybdenum	97-1	0.14	0.07	0.10	0.10	35.47	ppb
Molybdenum	98-1	0.12	0.11	0.09	0.11	11.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.13	-0.08	-0.13	-0.11		ppb
Phosphorus	31-2	-47.17	-49.53	-44.43	-47.04		ppb
Potassium	39-2	5.22	2.34	3.42	3.66	39.80	ppb
Rhodium	103-1				97		%
Rhodium	103-2				95		%
Scandium	45-1				93		%
Scandium	45-2				94		%
Selenium	82-1	-0.30	-0.35	-0.67	-0.44		ppb
Selenium	77-2	0.37	0.00	0.00	0.12	173.21	ppb
Selenium	78-2	0.53	-0.68	-1.11	-0.42		ppb
Silicon	28-1	-1.76	-1.50	-3.20	-2.15		ppb
Silver	107-1	0.02	0.02	0.04	0.03	38.54	ppb
Silver	109-1	0.02	0.02	0.03	0.02	39.26	ppb
Sodium	23-2	34.02	33.93	31.58	33.18	4.17	ppb
Strontium	86-1	0.02	0.11	0.05	0.06	75.92	ppb
Strontium	88-1	0.16	0.14	0.15	0.15	5.19	ppb
Sulfur	34-1	187.43	403.92	313.75	301.70	36.04	ppb
Terbium	159-1				102		%
Terbium	159-2				96		%
Thallium	203-1	0.04	0.04	0.03	0.04	22.52	ppb
Thallium	205-1	0.04	0.04	0.05	0.04	3.11	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	CCB06	Instrumnet Name :	P7
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 11:43:19	DataFile Name :	051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.02	0.02	0.01	0.02	20.94	ppb
Tin	118-1	-0.01	0.01	0.01	0.00	591.92	ppb
Titanium	47-1	0.02	0.18	0.10	0.10	81.23	ppb
Uranium	238-1	0.02	0.01	0.01	0.01	20.20	ppb
Vanadium	51-2	0.02	0.02	0.01	0.02	16.02	ppb
Yttrium	89-1				98		%
Yttrium	89-2				94		%
Zinc	66-2	0.12	0.28	0.38	0.26	51.23	ppb
Zirconium	90-1	0.09	0.09	0.11	0.10	10.31	ppb
Zirconium	91-1	0.07	0.07	0.08	0.08	8.21	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 11:46:27	DataFile Name :	052LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.02	22.37	20.11	20.83	6.39	ppb
Antimony	121-1	2.06	2.00	2.04	2.03	1.57	ppb
Arsenic	75-2	1.00	1.02	1.01	1.01	1.26	ppb
Barium	135-1	10.04	10.00	10.01	10.02	0.22	ppb
Barium	137-1	10.07	10.23	10.03	10.11	1.09	ppb
Beryllium	9-1	1.11	0.91	1.03	1.02	9.98	ppb
Bismuth	209-1				100		%
Bismuth	209-2				96		%
Boron	10-1	24.83	25.38	25.45	25.22	1.35	ppb
Boron	11-1	24.78	27.31	25.91	26.00	4.89	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.97	1.11	1.01	1.03	7.36	ppb
Cadmium	106-1	-0.57	-0.95	-0.67	-0.73		ppb
Cadmium	108-1	0.94	0.83	0.61	0.79	21.34	ppb
Calcium	43-1	509.83	555.73	528.15	531.23	4.35	ppb
Calcium	44-1	522.22	520.11	519.83	520.72	0.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.01	2.01	2.05	2.03	1.25	ppb
Cobalt	59-2	1.05	1.03	1.05	1.04	1.19	ppb
Copper	63-2	1.94	1.99	1.96	1.96	1.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				97		%
Indium	115-1				99		%
Indium	115-2				95		%
Iron	56-2	54.36	53.84	54.12	54.10	0.48	ppb
Iron	57-2	57.83	55.09	56.87	56.60	2.46	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 11:46:27	DataFile Name :	052LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	60.66	54.57	56.11	57.11	5.54	ppb
Krypton	83-1						cps
Lead	206-1	1.03	1.00	1.03	1.02	1.73	ppb
Lead	207-1	0.98	0.99	0.97	0.98	1.11	ppb
Lead	208-1	0.99	0.98	1.00	0.99	0.89	ppb
Lithium	6-1				97		%
Magnesium	24-2	508.34	489.02	489.05	495.47	2.25	ppb
Manganese	55-2	0.94	1.05	1.07	1.02	6.75	ppb
Molybdenum	94-1	5.04	4.83	5.10	4.99	2.90	ppb
Molybdenum	95-1	4.82	4.94	5.03	4.93	2.18	ppb
Molybdenum	96-1	4.93	5.11	5.01	5.02	1.84	ppb
Molybdenum	97-1	4.86	5.32	5.30	5.16	5.07	ppb
Molybdenum	98-1	5.00	5.18	5.00	5.06	2.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.91	0.90	0.94	0.92	2.67	ppb
Phosphorus	31-2	-51.06	-43.08	-40.13	-44.75		ppb
Potassium	39-2	528.34	512.30	516.58	519.07	1.60	ppb
Rhodium	103-1				97		%
Rhodium	103-2				95		%
Scandium	45-1				93		%
Scandium	45-2				94		%
Selenium	82-1	4.92	5.36	4.14	4.80	12.88	ppb
Selenium	77-2	3.68	5.13	6.29	5.03	25.92	ppb
Selenium	78-2	4.81	4.83	3.12	4.25	23.07	ppb
Silicon	28-1	5.56	5.35	5.26	5.39	2.82	ppb
Silver	107-1	1.04	1.08	1.06	1.06	2.14	ppb
Silver	109-1	1.01	1.04	1.06	1.04	2.62	ppb
Sodium	23-2	524.50	515.12	515.52	518.38	1.02	ppb
Strontium	86-1	1.01	1.07	0.90	0.99	8.67	ppb
Strontium	88-1	1.05	1.10	1.11	1.09	2.56	ppb
Sulfur	34-1	331.95	257.64	324.35	304.65	13.42	ppb
Terbium	159-1				102		%
Terbium	159-2				97		%
Thallium	203-1	0.99	0.99	1.04	1.01	2.89	ppb
Thallium	205-1	0.98	0.98	1.00	0.99	1.36	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 11:46:27	DataFile Name :	052LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	63.55	ppb
Tin	118-1	4.77	5.20	5.01	4.99	4.35	ppb
Titanium	47-1	4.82	5.02	5.02	4.95	2.39	ppb
Uranium	238-1	0.86	0.87	0.88	0.87	1.16	ppb
Vanadium	51-2	5.10	5.08	4.98	5.05	1.30	ppb
Yttrium	89-1				97		%
Yttrium	89-2				95		%
Zinc	66-2	2.18	2.36	2.04	2.19	7.40	ppb
Zirconium	90-1	0.99	0.95	0.98	0.97	2.36	ppb
Zirconium	91-1	0.97	0.92	0.96	0.95	2.97	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-01	Instrumnet Name :	P7
Client Sample ID :	SW-RR-02-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 11:52:37	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	173.00	166.30	164.86	168.05	2.58	ppb
Antimony	121-1	0.24	0.21	0.25	0.23	8.82	ppb
Arsenic	75-2	4.71	4.73	4.51	4.65	2.65	ppb
Barium	135-1	73.51	74.46	76.43	74.80	1.99	ppb
Barium	137-1	73.13	74.70	76.83	74.89	2.48	ppb
Beryllium	9-1	0.00	0.03	0.04	0.02	90.47	ppb
Bismuth	209-1				98		%
Bismuth	209-2				93		%
Boron	10-1	68.36	68.65	76.85	71.28	6.76	ppb
Boron	11-1	71.62	70.99	76.67	73.09	4.26	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.03	0.01	0.02	0.02	50.36	ppb
Cadmium	106-1	-3.09	-2.35	-2.91	-2.78		ppb
Cadmium	108-1	0.09	0.06	0.23	0.13	74.38	ppb
Calcium	43-1	27527.31	27130.32	27733.76	27463.80	1.12	ppb
Calcium	44-1	26342.80	26184.87	26411.29	26312.98	0.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.08	1.93	1.89	1.96	5.10	ppb
Cobalt	59-2	1.85	1.84	1.78	1.83	2.17	ppb
Copper	63-2	9.87	9.67	9.34	9.62	2.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				95		%
Indium	115-1				96		%
Indium	115-2				92		%
Iron	56-2	4705.10	4671.42	4433.71	4603.41	3.21	ppb
Iron	57-2	4713.10	4740.22	4509.81	4654.38	2.71	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-01	Instrumnet Name :	P7
Client Sample ID :	SW-RR-02-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 11:52:37	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	4757.22	4746.53	4554.97	4686.24	2.43	ppb
Krypton	83-1						cps
Lead	206-1	1.89	1.81	1.86	1.85	2.36	ppb
Lead	207-1	1.69	1.75	1.75	1.73	1.96	ppb
Lead	208-1	1.77	1.77	1.76	1.77	0.31	ppb
Lithium	6-1				93		%
Magnesium	24-2	4859.46	4914.01	4705.76	4826.41	2.24	ppb
Manganese	55-2	980.28	978.47	931.79	963.51	2.85	ppb
Molybdenum	94-1	1.40	1.38	1.27	1.35	5.36	ppb
Molybdenum	95-1	1.39	1.61	1.45	1.48	7.50	ppb
Molybdenum	96-1	1.41	1.57	1.53	1.50	5.58	ppb
Molybdenum	97-1	1.40	1.36	1.61	1.46	9.19	ppb
Molybdenum	98-1	1.50	1.50	1.52	1.51	0.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.04	2.84	2.87	2.92	3.66	ppb
Phosphorus	31-2	301.27	290.53	306.43	299.41	2.71	ppb
Potassium	39-2	7661.70	7661.91	7334.54	7552.72	2.50	ppb
Rhodium	103-1				92		%
Rhodium	103-2				91		%
Scandium	45-1				90		%
Scandium	45-2				91		%
Selenium	82-1	0.22	-0.18	0.13	0.06	373.41	ppb
Selenium	77-2	0.00	0.00	0.37	0.12	173.21	ppb
Selenium	78-2	0.00	-0.16	-0.87	-0.34		ppb
Silicon	28-1	4059.59	4029.74	4084.00	4057.77	0.67	ppb
Silver	107-1	0.02	0.02	0.03	0.02	36.60	ppb
Silver	109-1	0.02	0.01	0.03	0.02	51.63	ppb
Sodium	23-2	17199.77	17313.41	16433.28	16982.16	2.82	ppb
Strontium	86-1	155.52	154.63	157.94	156.03	1.10	ppb
Strontium	88-1	155.89	157.17	158.37	157.14	0.79	ppb
Sulfur	34-1	6776.88	6913.74	7329.38	7006.67	4.11	ppb
Terbium	159-1				99		%
Terbium	159-2				95		%
Thallium	203-1	0.01	0.01	0.01	0.01	16.47	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	9.29	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-01	Instrumnet Name :	P7
Client Sample ID :	SW-RR-02-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 11:52:37	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.05	0.06	0.05	0.05	6.15	ppb
Tin	118-1	0.07	0.07	0.08	0.07	4.10	ppb
Titanium	47-1	6.70	8.53	8.14	7.79	12.40	ppb
Uranium	238-1	0.16	0.15	0.15	0.15	3.57	ppb
Vanadium	51-2	2.02	2.09	1.97	2.03	3.04	ppb
Yttrium	89-1				95		%
Yttrium	89-2				92		%
Zinc	66-2	65.61	65.24	62.01	64.28	3.08	ppb
Zirconium	90-1	0.19	0.19	0.20	0.19	4.17	ppb
Zirconium	91-1	0.15	0.18	0.25	0.20	24.47	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-03	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(1.5)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 11:55:44	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	171.95	166.88	169.04	169.29	1.50	ppb
Antimony	121-1	0.25	0.22	0.27	0.25	10.07	ppb
Arsenic	75-2	5.69	5.11	5.53	5.44	5.44	ppb
Barium	135-1	74.34	76.51	76.51	75.78	1.66	ppb
Barium	137-1	74.98	79.26	77.18	77.14	2.77	ppb
Beryllium	9-1	0.05	0.04	0.04	0.04	13.53	ppb
Bismuth	209-1				99		%
Bismuth	209-2				92		%
Boron	10-1	70.30	76.38	72.98	73.22	4.16	ppb
Boron	11-1	74.54	78.89	76.93	76.79	2.84	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.03	0.03	0.00	0.02	95.04	ppb
Cadmium	106-1	-1.60	-2.35	-2.55	-2.17		ppb
Cadmium	108-1	0.20	0.14	0.09	0.14	38.81	ppb
Calcium	43-1	27790.67	29007.09	28281.28	28359.68	2.16	ppb
Calcium	44-1	26627.00	27609.75	26940.73	27059.16	1.86	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.95	1.94	2.00	1.96	1.74	ppb
Cobalt	59-2	1.82	1.79	1.90	1.84	2.94	ppb
Copper	63-2	9.89	9.79	9.81	9.83	0.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				94		%
Indium	115-1				97		%
Indium	115-2				92		%
Iron	56-2	4910.90	4920.31	4903.75	4911.65	0.17	ppb
Iron	57-2	4975.17	5029.82	4982.83	4995.94	0.59	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-03	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(1.5)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 11:55:44	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	4984.74	5056.16	5030.13	5023.68	0.72	ppb
Krypton	83-1						cps
Lead	206-1	1.82	1.94	1.91	1.89	3.40	ppb
Lead	207-1	1.75	1.76	1.86	1.79	3.46	ppb
Lead	208-1	1.78	1.81	1.85	1.81	2.04	ppb
Lithium	6-1				94		%
Magnesium	24-2	5004.61	5062.56	5050.34	5039.17	0.61	ppb
Manganese	55-2	961.74	972.91	960.36	965.01	0.71	ppb
Molybdenum	94-1	1.26	1.40	1.85	1.50	20.68	ppb
Molybdenum	95-1	1.47	1.56	1.54	1.52	3.07	ppb
Molybdenum	96-1	1.30	1.55	1.45	1.43	8.61	ppb
Molybdenum	97-1	1.48	1.44	1.44	1.45	1.57	ppb
Molybdenum	98-1	1.42	1.50	1.46	1.46	2.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.77	2.87	2.67	2.77	3.51	ppb
Phosphorus	31-2	297.66	318.47	319.49	311.88	3.95	ppb
Potassium	39-2	7755.23	7845.05	7748.44	7782.91	0.69	ppb
Rhodium	103-1				92		%
Rhodium	103-2				91		%
Scandium	45-1				90		%
Scandium	45-2				90		%
Selenium	82-1	0.55	-0.01	0.38	0.31	93.57	ppb
Selenium	77-2	0.38	1.15	1.15	0.89	49.34	ppb
Selenium	78-2	0.12	-0.35	-0.60	-0.28		ppb
Silicon	28-1	4105.36	4276.90	4121.01	4167.76	2.28	ppb
Silver	107-1	0.02	0.02	0.02	0.02	8.33	ppb
Silver	109-1	0.01	0.01	0.02	0.01	45.39	ppb
Sodium	23-2	17638.88	17904.61	17671.98	17738.49	0.82	ppb
Strontium	86-1	156.33	162.60	160.16	159.70	1.98	ppb
Strontium	88-1	157.02	163.55	160.93	160.50	2.05	ppb
Sulfur	34-1	6747.26	7282.05	6853.40	6960.90	4.07	ppb
Terbium	159-1				100		%
Terbium	159-2				95		%
Thallium	203-1	0.01	0.01	0.02	0.01	37.25	ppb
Thallium	205-1	0.01	0.00	0.01	0.01	54.91	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-03	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(1.5)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 11:55:44	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.05	0.06	0.06	0.06	2.91	ppb
Tin	118-1	0.08	0.05	0.08	0.07	25.11	ppb
Titanium	47-1	7.22	7.19	9.41	7.94	16.02	ppb
Uranium	238-1	0.14	0.16	0.15	0.15	6.22	ppb
Vanadium	51-2	2.20	2.15	2.08	2.14	2.89	ppb
Yttrium	89-1				95		%
Yttrium	89-2				91		%
Zinc	66-2	63.64	64.31	64.14	64.03	0.55	ppb
Zirconium	90-1	0.15	0.22	0.17	0.18	19.46	ppb
Zirconium	91-1	0.24	0.19	0.18	0.20	17.20	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-05	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 11:58:52	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	76.04	64.74	70.58	70.46	8.02	ppb
Antimony	121-1	0.12	0.08	0.09	0.10	19.43	ppb
Arsenic	75-2	0.59	0.59	0.59	0.59	0.62	ppb
Barium	135-1	45.77	43.91	43.90	44.53	2.42	ppb
Barium	137-1	44.98	44.95	45.60	45.18	0.81	ppb
Beryllium	9-1	0.02	0.01	0.00	0.01	71.87	ppb
Bismuth	209-1				98		%
Bismuth	209-2				94		%
Boron	10-1	42.06	40.15	42.27	41.49	2.81	ppb
Boron	11-1	40.21	40.91	42.92	41.35	3.41	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.01	-0.04	-0.02	-0.02		ppb
Cadmium	106-1	-1.22	-2.17	-0.99	-1.46		ppb
Cadmium	108-1	-0.06	-0.06	0.03	-0.03		ppb
Calcium	43-1	26500.54	26245.67	26871.94	26539.39	1.19	ppb
Calcium	44-1	25535.17	25117.78	25349.90	25334.28	0.83	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.33	0.29	0.45	0.36	23.67	ppb
Cobalt	59-2	0.14	0.15	0.13	0.14	6.60	ppb
Copper	63-2	1.21	1.17	1.19	1.19	1.60	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				101		%
Holmium	165-2				96		%
Indium	115-1				96		%
Indium	115-2				94		%
Iron	56-2	174.02	177.11	174.84	175.32	0.91	ppb
Iron	57-2	217.86	229.20	234.26	227.11	3.70	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-05	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 11:58:52	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	170.49	183.92	188.56	180.99	5.19	ppb
Krypton	83-1						cps
Lead	206-1	0.22	0.25	0.23	0.23	5.96	ppb
Lead	207-1	0.21	0.21	0.22	0.21	2.88	ppb
Lead	208-1	0.22	0.22	0.23	0.22	3.09	ppb
Lithium	6-1				94		%
Magnesium	24-2	9550.58	9587.96	9504.79	9547.78	0.44	ppb
Manganese	55-2	22.57	23.02	23.10	22.90	1.25	ppb
Molybdenum	94-1	0.54	0.55	0.61	0.57	6.85	ppb
Molybdenum	95-1	0.66	0.70	0.72	0.69	4.91	ppb
Molybdenum	96-1	0.70	0.72	0.72	0.71	1.72	ppb
Molybdenum	97-1	0.74	0.69	0.71	0.72	3.20	ppb
Molybdenum	98-1	0.72	0.69	0.73	0.71	2.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.33	0.29	0.31	0.31	5.84	ppb
Phosphorus	31-2	-30.18	-23.17	-18.70	-24.02		ppb
Potassium	39-2	2469.69	2491.39	2470.56	2477.21	0.50	ppb
Rhodium	103-1				92		%
Rhodium	103-2				93		%
Scandium	45-1				91		%
Scandium	45-2				92		%
Selenium	82-1	0.18	0.18	0.37	0.24	46.54	ppb
Selenium	77-2	0.00	0.37	0.00	0.12	173.21	ppb
Selenium	78-2	-0.19	-0.34	-0.52	-0.35		ppb
Silicon	28-1	3073.28	3067.56	3107.00	3082.61	0.69	ppb
Silver	107-1	-0.01	-0.01	0.00	-0.01		ppb
Silver	109-1	-0.01	-0.01	-0.01	-0.01		ppb
Sodium	23-2	27732.93	28075.36	27755.96	27854.75	0.69	ppb
Strontium	86-1	141.41	142.04	141.41	141.62	0.26	ppb
Strontium	88-1	142.51	142.46	142.91	142.63	0.17	ppb
Sulfur	34-1	5140.78	5230.29	5281.37	5217.48	1.36	ppb
Terbium	159-1				101		%
Terbium	159-2				96		%
Thallium	203-1	0.01	0.00	0.00	0.00	110.40	ppb
Thallium	205-1	0.01	0.01	0.00	0.01	25.05	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-05	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 11:58:52	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.01	0.01	0.01	13.25	ppb
Tin	118-1	0.00	-0.03	0.03	0.00		ppb
Titanium	47-1	2.06	2.53	2.40	2.33	10.51	ppb
Uranium	238-1	0.26	0.26	0.25	0.26	2.93	ppb
Vanadium	51-2	0.92	0.93	0.93	0.93	0.71	ppb
Yttrium	89-1				95		%
Yttrium	89-2				93		%
Zinc	66-2	17.50	18.06	18.01	17.86	1.74	ppb
Zirconium	90-1	0.03	0.04	0.04	0.04	21.91	ppb
Zirconium	91-1	0.05	0.01	0.03	0.03	64.21	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-07	Instrumnet Name :	P7
Client Sample ID :	SW-CB-03-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 12:01:59	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	67.57	55.98	53.46	59.00	12.76	ppb
Antimony	121-1	0.19	0.18	0.18	0.19	2.52	ppb
Arsenic	75-2	1.14	0.99	1.09	1.07	6.75	ppb
Barium	135-1	69.58	71.01	69.89	70.16	1.07	ppb
Barium	137-1	70.99	71.66	71.54	71.39	0.50	ppb
Beryllium	9-1	0.01	0.00	0.00	0.00	367.83	ppb
Bismuth	209-1				99		%
Bismuth	209-2				93		%
Boron	10-1	134.70	141.79	143.91	140.14	3.44	ppb
Boron	11-1	143.62	148.91	149.49	147.34	2.19	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.06	-0.01	-0.02	-0.03		ppb
Cadmium	106-1	-3.18	-1.36	-1.19	-1.91		ppb
Cadmium	108-1	0.08	0.03	0.17	0.09	77.58	ppb
Calcium	43-1	44006.75	43676.90	43825.51	43836.39	0.38	ppb
Calcium	44-1	41633.99	42082.38	41759.43	41825.27	0.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.34	0.39	0.37	0.36	6.65	ppb
Cobalt	59-2	0.29	0.28	0.34	0.30	11.58	ppb
Copper	63-2	1.45	1.43	1.41	1.43	1.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				97		%
Indium	115-1				97		%
Indium	115-2				94		%
Iron	56-2	748.45	749.73	746.66	748.28	0.21	ppb
Iron	57-2	825.16	818.45	815.34	819.65	0.61	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-07	Instrumnet Name :	P7
Client Sample ID :	SW-CB-03-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 12:01:59	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	738.43	761.41	771.07	756.97	2.22	ppb
Krypton	83-1						cps
Lead	206-1	0.37	0.37	0.35	0.36	3.25	ppb
Lead	207-1	0.34	0.32	0.34	0.34	3.23	ppb
Lead	208-1	0.34	0.32	0.32	0.33	2.72	ppb
Lithium	6-1				95		%
Magnesium	24-2	15484.47	15231.68	15426.81	15380.99	0.86	ppb
Manganese	55-2	464.19	465.60	464.17	464.65	0.18	ppb
Molybdenum	94-1	0.68	0.77	0.69	0.72	7.08	ppb
Molybdenum	95-1	0.96	0.89	0.88	0.91	4.68	ppb
Molybdenum	96-1	0.94	0.88	0.90	0.91	3.26	ppb
Molybdenum	97-1	0.97	0.98	0.91	0.96	4.00	ppb
Molybdenum	98-1	0.96	0.92	0.91	0.93	2.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.81	0.83	0.84	0.83	1.81	ppb
Phosphorus	31-2	92.92	51.25	119.27	87.81	39.06	ppb
Potassium	39-2	3309.25	3288.30	3267.05	3288.20	0.64	ppb
Rhodium	103-1				93		%
Rhodium	103-2				92		%
Scandium	45-1				92		%
Scandium	45-2				93		%
Selenium	82-1	0.50	-0.39	0.05	0.05	812.70	ppb
Selenium	77-2	0.00	0.37	0.00	0.12	173.21	ppb
Selenium	78-2	-0.22	0.02	-0.46	-0.22		ppb
Silicon	28-1	4981.28	5001.61	5024.85	5002.58	0.44	ppb
Silver	107-1	0.00	-0.01	-0.01	-0.01		ppb
Silver	109-1	-0.02	-0.02	-0.02	-0.02		ppb
Sodium	23-2	52668.45	52098.11	52113.71	52293.43	0.62	ppb
Strontium	86-1	196.33	198.59	199.68	198.20	0.86	ppb
Strontium	88-1	198.30	200.29	198.39	198.99	0.57	ppb
Sulfur	34-1	20010.92	19659.75	19712.51	19794.39	0.96	ppb
Terbium	159-1				102		%
Terbium	159-2				96		%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	0.01	0.01	0.01	0.01	20.38	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-07	Instrumnet Name :	P7
Client Sample ID :	SW-CB-03-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 12:01:59	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.01	0.01	0.01	15.39	ppb
Tin	118-1	-0.03	-0.01	-0.02	-0.02		ppb
Titanium	47-1	1.94	2.00	1.74	1.89	7.05	ppb
Uranium	238-1	0.19	0.19	0.18	0.19	3.67	ppb
Vanadium	51-2	1.18	1.15	1.23	1.18	3.53	ppb
Yttrium	89-1				96		%
Yttrium	89-2				93		%
Zinc	66-2	26.59	25.68	25.87	26.04	1.85	ppb
Zirconium	90-1	0.06	0.07	0.06	0.06	8.90	ppb
Zirconium	91-1	0.06	0.06	0.10	0.07	31.31	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-09	Instrumnet Name :	P7
Client Sample ID :	SW-CB-02-(0.3)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 12:05:05	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41.29	47.57	38.78	42.54	10.64	ppb
Antimony	121-1	0.19	0.20	0.15	0.18	12.50	ppb
Arsenic	75-2	0.97	0.86	1.01	0.95	8.55	ppb
Barium	135-1	65.13	65.90	63.37	64.80	2.00	ppb
Barium	137-1	64.93	67.48	65.50	65.97	2.03	ppb
Beryllium	9-1	0.01	0.02	0.00	0.01	94.87	ppb
Bismuth	209-1				99		%
Bismuth	209-2				93		%
Boron	10-1	128.26	122.58	131.36	127.40	3.50	ppb
Boron	11-1	129.82	132.30	140.62	134.25	4.22	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.00	0.01	-0.03	-0.01		ppb
Cadmium	106-1	-0.21	-0.64	-2.00	-0.95		ppb
Cadmium	108-1	0.03	-0.11	0.00	-0.03		ppb
Calcium	43-1	41312.87	41457.65	41188.70	41319.74	0.33	ppb
Calcium	44-1	39495.97	39294.25	39350.98	39380.40	0.26	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.22	0.20	0.31	0.24	22.79	ppb
Cobalt	59-2	0.14	0.15	0.13	0.14	4.90	ppb
Copper	63-2	1.41	1.35	1.39	1.38	2.19	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				102		%
Holmium	165-2				97		%
Indium	115-1				98		%
Indium	115-2				94		%
Iron	56-2	179.48	176.90	178.28	178.22	0.72	ppb
Iron	57-2	251.23	240.95	244.39	245.52	2.13	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-09	Instrumnet Name :	P7
Client Sample ID :	SW-CB-02-(0.3)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 12:05:05	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	179.14	176.64	195.52	183.77	5.58	ppb
Krypton	83-1						cps
Lead	206-1	0.22	0.22	0.22	0.22	0.21	ppb
Lead	207-1	0.20	0.22	0.21	0.21	5.54	ppb
Lead	208-1	0.21	0.22	0.22	0.21	0.94	ppb
Lithium	6-1				96		%
Magnesium	24-2	11464.61	11370.26	11359.09	11397.99	0.51	ppb
Manganese	55-2	122.02	121.50	121.15	121.56	0.36	ppb
Molybdenum	94-1	0.58	0.56	0.63	0.59	6.12	ppb
Molybdenum	95-1	0.66	0.72	0.76	0.71	6.68	ppb
Molybdenum	96-1	0.73	0.70	0.72	0.72	1.55	ppb
Molybdenum	97-1	0.82	0.76	0.74	0.77	5.60	ppb
Molybdenum	98-1	0.75	0.71	0.79	0.75	5.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.65	0.55	0.53	0.58	11.56	ppb
Phosphorus	31-2	103.58	106.46	118.38	109.47	7.17	ppb
Potassium	39-2	3083.09	3051.91	3035.84	3056.95	0.79	ppb
Rhodium	103-1				94		%
Rhodium	103-2				92		%
Scandium	45-1				94		%
Scandium	45-2				93		%
Selenium	82-1	0.41	-0.06	0.36	0.23	110.96	ppb
Selenium	77-2	0.00	0.00	1.49	0.50	173.21	ppb
Selenium	78-2	-0.82	-0.10	-0.05	-0.32		ppb
Silicon	28-1	4750.93	4721.60	4718.75	4730.42	0.38	ppb
Silver	107-1	-0.01	-0.01	-0.01	-0.01		ppb
Silver	109-1	-0.01	-0.01	-0.01	-0.01		ppb
Sodium	23-2	50408.52	49658.08	49413.88	49826.83	1.04	ppb
Strontium	86-1	185.11	185.26	187.28	185.88	0.65	ppb
Strontium	88-1	186.25	185.87	186.74	186.29	0.23	ppb
Sulfur	34-1	14841.03	14683.76	14756.62	14760.47	0.53	ppb
Terbium	159-1				102		%
Terbium	159-2				96		%
Thallium	203-1	0.00	0.01	0.00	0.00	56.26	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	28.12	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-09	Instrumnet Name :	P7
Client Sample ID :	SW-CB-02-(0.3)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 12:05:05	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.00	0.00	0.00	54.62	ppb
Tin	118-1	-0.02	-0.05	-0.02	-0.03		ppb
Titanium	47-1	1.49	3.57	1.83	2.30	48.49	ppb
Uranium	238-1	0.13	0.14	0.13	0.13	1.56	ppb
Vanadium	51-2	1.55	1.46	1.46	1.49	3.40	ppb
Yttrium	89-1				98		%
Yttrium	89-2				93		%
Zinc	66-2	24.20	24.56	24.36	24.37	0.73	ppb
Zirconium	90-1	0.04	0.05	0.05	0.05	13.70	ppb
Zirconium	91-1	0.04	0.01	0.10	0.05	86.45	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-05DUP	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 12:08:11	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	75.87	74.12	69.08	73.02	4.83	ppb
Antimony	121-1	0.10	0.08	0.09	0.09	7.33	ppb
Arsenic	75-2	0.63	0.74	0.56	0.64	13.92	ppb
Barium	135-1	43.49	44.21	44.51	44.07	1.19	ppb
Barium	137-1	44.64	45.32	44.91	44.96	0.77	ppb
Beryllium	9-1	0.00	0.02	0.02	0.01	70.16	ppb
Bismuth	209-1				100		%
Bismuth	209-2				93		%
Boron	10-1	41.70	43.45	43.53	42.89	2.42	ppb
Boron	11-1	43.93	45.59	43.24	44.25	2.72	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.04	-0.05	-0.03	-0.04		ppb
Cadmium	106-1	-1.70	-2.69	-1.89	-2.09		ppb
Cadmium	108-1	0.13	0.02	0.13	0.10	64.33	ppb
Calcium	43-1	26589.78	26832.84	26528.24	26650.28	0.60	ppb
Calcium	44-1	25119.10	25053.62	25093.56	25088.76	0.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.28	0.29	0.28	0.28	1.99	ppb
Cobalt	59-2	0.15	0.13	0.13	0.14	7.05	ppb
Copper	63-2	1.26	1.29	1.20	1.25	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				102		%
Holmium	165-2				96		%
Indium	115-1				99		%
Indium	115-2				94		%
Iron	56-2	178.30	182.83	172.04	177.72	3.05	ppb
Iron	57-2	220.28	225.25	216.36	220.63	2.02	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-05DUP	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 12:08:11	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	181.66	194.84	173.13	183.21	5.97	ppb
Krypton	83-1						cps
Lead	206-1	0.25	0.22	0.22	0.23	7.05	ppb
Lead	207-1	0.24	0.22	0.22	0.23	6.53	ppb
Lead	208-1	0.22	0.21	0.21	0.21	3.36	ppb
Lithium	6-1				97		%
Magnesium	24-2	9497.58	9867.17	9392.02	9585.59	2.60	ppb
Manganese	55-2	22.22	23.91	22.47	22.87	4.00	ppb
Molybdenum	94-1	0.51	0.54	0.56	0.54	3.89	ppb
Molybdenum	95-1	0.64	0.74	0.71	0.69	7.54	ppb
Molybdenum	96-1	0.64	0.63	0.67	0.65	3.24	ppb
Molybdenum	97-1	0.66	0.66	0.77	0.69	9.31	ppb
Molybdenum	98-1	0.69	0.72	0.70	0.71	2.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.32	0.42	0.35	0.36	14.48	ppb
Phosphorus	31-2	-16.48	-5.18	-25.16	-15.61		ppb
Potassium	39-2	2469.48	2544.00	2428.87	2480.78	2.35	ppb
Rhodium	103-1				94		%
Rhodium	103-2				93		%
Scandium	45-1				93		%
Scandium	45-2				94		%
Selenium	82-1	-0.12	0.27	0.74	0.30	145.20	ppb
Selenium	77-2	0.00	0.38	0.00	0.13	173.21	ppb
Selenium	78-2	0.11	-0.35	0.34	0.03	1102.34	ppb
Silicon	28-1	3044.83	3049.83	3062.77	3052.48	0.30	ppb
Silver	107-1	-0.01	0.00	-0.01	-0.01		ppb
Silver	109-1	-0.02	-0.01	-0.02	-0.02		ppb
Sodium	23-2	27914.70	29130.97	27570.45	28205.37	2.91	ppb
Strontium	86-1	138.96	141.01	141.50	140.49	0.96	ppb
Strontium	88-1	140.96	141.78	141.85	141.53	0.35	ppb
Sulfur	34-1	4957.97	4761.92	4916.25	4878.71	2.12	ppb
Terbium	159-1				103		%
Terbium	159-2				96		%
Thallium	203-1	0.01	0.01	0.01	0.01	41.79	ppb
Thallium	205-1	0.01	0.00	0.01	0.01	36.47	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-05DUP	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 12:08:11	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.01	0.02	0.01	26.92	ppb
Tin	118-1	-0.01	-0.01	0.00	-0.01		ppb
Titanium	47-1	2.24	2.18	2.31	2.24	3.09	ppb
Uranium	238-1	0.26	0.25	0.25	0.25	2.31	ppb
Vanadium	51-2	0.91	1.01	0.95	0.96	4.93	ppb
Yttrium	89-1				98		%
Yttrium	89-2				94		%
Zinc	66-2	17.25	18.42	17.24	17.64	3.84	ppb
Zirconium	90-1	0.06	0.02	0.03	0.04	59.24	ppb
Zirconium	91-1	0.02	0.04	0.02	0.03	25.28	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-05LX5	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-21 12:11:17	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13.28	17.20	14.86	15.11	13.03	ppb
Antimony	121-1	0.02	0.01	0.03	0.02	48.62	ppb
Arsenic	75-2	0.13	0.10	0.10	0.11	17.44	ppb
Barium	135-1	8.81	9.48	8.86	9.05	4.11	ppb
Barium	137-1	9.00	9.08	8.89	8.99	1.07	ppb
Beryllium	9-1	0.02	0.00	0.01	0.01	81.35	ppb
Bismuth	209-1				98		%
Bismuth	209-2				93		%
Boron	10-1	9.74	11.44	11.38	10.85	8.87	ppb
Boron	11-1	11.14	11.64	11.22	11.33	2.37	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.06	-0.01	-0.05	-0.04		ppb
Cadmium	106-1	-1.85	-0.37	-2.05	-1.42		ppb
Cadmium	108-1	0.14	0.15	0.11	0.13	15.08	ppb
Calcium	43-1	5182.96	5307.44	5228.14	5239.51	1.20	ppb
Calcium	44-1	5238.43	5337.96	5252.81	5276.40	1.02	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.13	0.11	0.08	0.11	22.95	ppb
Cobalt	59-2	0.02	0.02	0.03	0.02	29.61	ppb
Copper	63-2	0.23	0.23	0.19	0.21	10.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				94		%
Indium	115-1				98		%
Indium	115-2				94		%
Iron	56-2	34.88	33.64	33.93	34.15	1.90	ppb
Iron	57-2	43.40	41.91	45.73	43.68	4.41	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-05LX5	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-21 12:11:17	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	34.27	36.03	34.13	34.81	3.05	ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.06	0.04	0.05	25.81	ppb
Lead	207-1	0.04	0.04	0.04	0.04	0.59	ppb
Lead	208-1	0.05	0.05	0.04	0.05	16.83	ppb
Lithium	6-1				95		%
Magnesium	24-2	1902.02	1896.58	1879.89	1892.83	0.61	ppb
Manganese	55-2	4.44	4.48	4.44	4.45	0.55	ppb
Molybdenum	94-1	0.08	0.13	0.13	0.11	23.34	ppb
Molybdenum	95-1	0.15	0.17	0.11	0.14	20.19	ppb
Molybdenum	96-1	0.12	0.09	0.12	0.11	15.51	ppb
Molybdenum	97-1	0.16	0.14	0.15	0.15	6.43	ppb
Molybdenum	98-1	0.13	0.17	0.13	0.14	16.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	0.00	-0.03	-0.02		ppb
Phosphorus	31-2	-34.29	-32.88	-3.36	-23.51		ppb
Potassium	39-2	493.03	483.00	483.02	486.35	1.19	ppb
Rhodium	103-1				94		%
Rhodium	103-2				93		%
Scandium	45-1				92		%
Scandium	45-2				92		%
Selenium	82-1	0.70	0.37	-0.02	0.35	103.80	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.33	-0.40	-1.49	-0.52		ppb
Silicon	28-1	608.54	618.19	604.46	610.39	1.16	ppb
Silver	107-1	-0.01	-0.01	-0.01	-0.01		ppb
Silver	109-1	-0.01	-0.02	-0.01	-0.02		ppb
Sodium	23-2	5517.26	5475.13	5414.61	5469.00	0.94	ppb
Strontium	86-1	28.08	28.52	27.74	28.12	1.39	ppb
Strontium	88-1	27.92	28.45	27.80	28.06	1.23	ppb
Sulfur	34-1	1360.30	1549.40	1281.34	1397.01	9.86	ppb
Terbium	159-1				100		%
Terbium	159-2				95		%
Thallium	203-1	0.00	0.01	0.00	0.01	84.41	ppb
Thallium	205-1	0.00	0.01	0.01	0.00	90.60	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-05LX5	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-21 12:11:17	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	29.52	ppb
Tin	118-1	-0.06	-0.06	-0.05	-0.06		ppb
Titanium	47-1	0.48	0.38	0.32	0.39	20.45	ppb
Uranium	238-1	0.05	0.04	0.05	0.05	8.76	ppb
Vanadium	51-2	0.22	0.18	0.16	0.19	15.60	ppb
Yttrium	89-1				96		%
Yttrium	89-2				93		%
Zinc	66-2	3.47	3.36	3.37	3.40	1.86	ppb
Zirconium	90-1	0.01	0.01	0.00	0.01	47.48	ppb
Zirconium	91-1	0.00	0.00	0.00	0.00	37.18	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-05MSRE	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)MSRE	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 12:14:25	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10574.12	10543.64	10560.27	10559.34	0.14	ppb
Antimony	121-1	487.36	505.75	510.51	501.21	2.44	ppb
Arsenic	75-2	520.99	520.18	517.18	519.45	0.39	ppb
Barium	135-1	2548.18	2621.47	2649.07	2606.24	2.00	ppb
Barium	137-1	2569.26	2658.90	2687.32	2638.50	2.34	ppb
Beryllium	9-1	484.28	488.28	502.31	491.62	1.93	ppb
Bismuth	209-1				93		%
Bismuth	209-2				88		%
Boron	10-1	498.42	518.85	537.94	518.40	3.81	ppb
Boron	11-1	512.81	538.15	545.73	532.23	3.24	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	487.67	498.92	503.45	496.68	1.64	ppb
Cadmium	106-1	493.88	498.90	507.63	500.14	1.39	ppb
Cadmium	108-1	501.75	528.57	522.02	517.44	2.70	ppb
Calcium	43-1	77713.28	78148.51	79158.43	78340.08	0.95	ppb
Calcium	44-1	73321.43	74156.36	74514.31	73997.37	0.83	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	487.87	490.89	487.43	488.73	0.39	ppb
Cobalt	59-2	492.56	494.85	490.61	492.67	0.43	ppb
Copper	63-2	5516.53	5465.39	5512.08	5498.00	0.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				92		%
Indium	115-1				92		%
Indium	115-2				87		%
Iron	56-2	26677.50	26585.66	26287.93	26517.03	0.77	ppb
Iron	57-2	26795.15	26702.23	26573.71	26690.36	0.42	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-05MSRE	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)MSRE	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 12:14:25	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	27508.52	27423.79	27292.93	27408.41	0.40	ppb
Krypton	83-1						cps
Lead	206-1	2518.71	2559.59	2582.37	2553.56	1.26	ppb
Lead	207-1	2576.61	2592.79	2611.35	2593.58	0.67	ppb
Lead	208-1	2536.30	2577.27	2580.01	2564.53	0.95	ppb
Lithium	6-1				91		%
Magnesium	24-2	60125.18	58792.21	59472.16	59463.18	1.12	ppb
Manganese	55-2	5546.20	5480.29	5515.70	5514.06	0.60	ppb
Molybdenum	94-1	3879.53	3865.05	3982.02	3908.87	1.63	ppb
Molybdenum	95-1	4514.37	4546.83	4642.25	4567.82	1.46	ppb
Molybdenum	96-1	4356.98	4453.58	4545.41	4451.99	2.12	ppb
Molybdenum	97-1	4440.20	4543.81	4589.49	4524.50	1.69	ppb
Molybdenum	98-1	4495.40	4523.73	4595.84	4538.33	1.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	495.01	491.84	490.85	492.56	0.44	ppb
Phosphorus	31-2	4.56	-15.25	-35.27	-15.32		ppb
Potassium	39-2	28346.37	28097.50	28075.45	28173.11	0.53	ppb
Rhodium	103-1				88		%
Rhodium	103-2				85		%
Scandium	45-1				88		%
Scandium	45-2				87		%
Selenium	82-1	472.62	487.38	486.07	482.02	1.70	ppb
Selenium	77-2	502.19	515.59	511.93	509.90	1.36	ppb
Selenium	78-2	500.34	519.70	498.48	506.17	2.32	ppb
Silicon	28-1	3431.26	3484.08	3544.54	3486.63	1.63	ppb
Silver	107-1	970.86	929.36	747.37	882.53	13.47	ppb
Silver	109-1	764.14	696.57	1024.30	828.34	20.89	ppb
Sodium	23-2	77399.23	77039.89	77154.84	77197.99	0.24	ppb
Strontium	86-1	4926.19	4959.37	5026.54	4970.70	1.03	ppb
Strontium	88-1	4869.14	4971.94	5022.11	4954.40	1.57	ppb
Sulfur	34-1	5044.96	5171.65	5304.22	5173.61	2.51	ppb
Terbium	159-1				97		%
Terbium	159-2				92		%
Thallium	203-1	486.92	498.58	494.84	493.45	1.21	ppb
Thallium	205-1	491.44	497.60	499.96	496.33	0.89	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-05MSRE	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)MSRE	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 12:14:25	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.02	0.01	0.02	0.02	17.31	ppb
Tin	118-1	490.08	510.10	508.72	502.97	2.22	ppb
Titanium	47-1	4427.51	4511.98	4526.39	4488.63	1.19	ppb
Uranium	238-1	480.97	492.74	493.41	489.04	1.43	ppb
Vanadium	51-2	491.38	490.09	492.56	491.35	0.25	ppb
Yttrium	89-1				92		%
Yttrium	89-2				88		%
Zinc	66-2	5325.59	5322.30	5300.25	5316.05	0.26	ppb
Zirconium	90-1	479.61	484.35	487.91	483.96	0.86	ppb
Zirconium	91-1	460.74	467.92	476.40	468.35	1.67	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-05MSDRE	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)MSDRE	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 12:17:22	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10330.17	10159.04	10359.49	10282.90	1.05	ppb
Antimony	121-1	488.84	493.65	475.16	485.88	1.97	ppb
Arsenic	75-2	502.63	513.90	505.55	507.36	1.15	ppb
Barium	135-1	2534.22	2575.23	2515.03	2541.49	1.21	ppb
Barium	137-1	2579.33	2602.55	2574.41	2585.43	0.58	ppb
Beryllium	9-1	478.54	483.37	478.57	480.16	0.58	ppb
Bismuth	209-1				94		%
Bismuth	209-2				88		%
Boron	10-1	501.65	533.56	542.76	525.99	4.10	ppb
Boron	11-1	512.16	536.77	556.21	535.05	4.13	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	484.05	491.77	488.84	488.22	0.80	ppb
Cadmium	106-1	479.69	489.47	482.80	483.99	1.03	ppb
Cadmium	108-1	505.45	500.43	504.50	503.46	0.53	ppb
Calcium	43-1	77451.32	78582.99	77948.42	77994.24	0.73	ppb
Calcium	44-1	72798.76	73980.61	73341.85	73373.74	0.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	475.28	483.40	481.70	480.13	0.89	ppb
Cobalt	59-2	480.75	483.92	483.47	482.71	0.35	ppb
Copper	63-2	5389.24	5462.09	5385.26	5412.20	0.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				92		%
Indium	115-1				90		%
Indium	115-2				85		%
Iron	56-2	25800.66	26031.60	25952.33	25928.20	0.45	ppb
Iron	57-2	26127.38	26395.81	26125.25	26216.15	0.59	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-05MSDRE	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)MSDRE	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 12:17:22	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	26599.87	26970.32	27067.19	26879.12	0.92	ppb
Krypton	83-1						cps
Lead	206-1	2480.56	2489.02	2483.82	2484.47	0.17	ppb
Lead	207-1	2524.01	2536.45	2479.83	2513.43	1.18	ppb
Lead	208-1	2494.40	2512.28	2492.23	2499.64	0.44	ppb
Lithium	6-1				90		%
Magnesium	24-2	58886.19	56620.90	58377.31	57961.47	2.05	ppb
Manganese	55-2	5410.61	5438.66	5450.41	5433.23	0.38	ppb
Molybdenum	94-1	3802.00	3875.76	3827.20	3834.99	0.98	ppb
Molybdenum	95-1	4515.66	4529.20	4516.73	4520.53	0.17	ppb
Molybdenum	96-1	4373.22	4433.40	4413.78	4406.80	0.70	ppb
Molybdenum	97-1	4506.73	4463.10	4466.65	4478.82	0.54	ppb
Molybdenum	98-1	4522.99	4532.32	4497.28	4517.53	0.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	476.94	483.90	482.49	481.11	0.76	ppb
Phosphorus	31-2	-15.02	-29.37	-0.54	-14.98		ppb
Potassium	39-2	28002.12	27914.95	27626.07	27847.72	0.71	ppb
Rhodium	103-1				85		%
Rhodium	103-2				84		%
Scandium	45-1				85		%
Scandium	45-2				86		%
Selenium	82-1	475.37	476.74	486.01	479.37	1.21	ppb
Selenium	77-2	505.70	501.55	496.43	501.23	0.93	ppb
Selenium	78-2	499.25	495.45	490.78	495.16	0.86	ppb
Silicon	28-1	3413.02	3464.31	3503.06	3460.13	1.31	ppb
Silver	107-1	922.82	717.00	800.06	813.29	12.73	ppb
Silver	109-1	908.90	760.21	749.72	806.28	11.04	ppb
Sodium	23-2	75428.30	74031.12	76097.87	75185.76	1.40	ppb
Strontium	86-1	4877.34	4846.34	4840.87	4854.85	0.41	ppb
Strontium	88-1	4851.89	4857.31	4773.34	4827.52	0.97	ppb
Sulfur	34-1	4639.53	4825.80	4341.62	4602.32	5.31	ppb
Terbium	159-1				97		%
Terbium	159-2				91		%
Thallium	203-1	482.40	484.17	484.64	483.74	0.24	ppb
Thallium	205-1	485.91	487.02	492.52	488.48	0.72	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-05MSDRE	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)MSDRE	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 12:17:22	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.02	0.02	0.02	0.02	22.87	ppb
Tin	118-1	486.20	492.93	488.76	489.29	0.69	ppb
Titanium	47-1	4421.76	4396.62	4413.29	4410.56	0.29	ppb
Uranium	238-1	482.56	490.96	483.75	485.75	0.94	ppb
Vanadium	51-2	483.47	483.16	483.50	483.38	0.04	ppb
Yttrium	89-1				90		%
Yttrium	89-2				86		%
Zinc	66-2	5189.32	5233.62	5239.56	5220.83	0.53	ppb
Zirconium	90-1	469.00	471.36	468.28	469.55	0.34	ppb
Zirconium	91-1	462.58	466.81	456.36	461.92	1.14	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	CCV07	Instrumnet Name :	P7
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 12:24:31	DataFile Name :	062CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49389.15	49771.10	49589.59	49583.28	0.39	ppb
Antimony	121-1	482.90	485.72	482.64	483.76	0.35	ppb
Arsenic	75-2	512.52	514.25	510.90	512.56	0.33	ppb
Barium	135-1	2401.53	2401.42	2404.75	2402.57	0.08	ppb
Barium	137-1	2428.22	2395.22	2457.37	2426.94	1.28	ppb
Beryllium	9-1	484.48	484.72	480.95	483.38	0.44	ppb
Bismuth	209-1				91		%
Bismuth	209-2				84		%
Boron	10-1	465.24	478.50	492.90	478.88	2.89	ppb
Boron	11-1	476.79	484.09	494.78	485.22	1.87	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	492.43	493.39	487.68	491.17	0.62	ppb
Cadmium	106-1	823.52	829.00	812.77	821.76	1.00	ppb
Cadmium	108-1	669.78	671.04	662.96	667.93	0.65	ppb
Calcium	43-1	253837.00	254937.39	255998.65	254924.35	0.42	ppb
Calcium	44-1	243684.33	240980.86	243232.91	242632.70	0.60	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	472.81	470.68	469.66	471.05	0.34	ppb
Cobalt	59-2	479.47	476.92	477.03	477.81	0.30	ppb
Copper	63-2	4994.89	4947.24	4940.42	4960.85	0.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				91		%
Indium	115-1				88		%
Indium	115-2				84		%
Iron	56-2	121827.45	121272.03	121471.92	121523.80	0.23	ppb
Iron	57-2	122306.28	122776.80	121822.64	122301.91	0.39	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	CCV07	Instrumnet Name :	P7
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 12:24:31	DataFile Name :	062CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	121686.25	122425.38	120457.78	121523.13	0.82	ppb
Krypton	83-1						cps
Lead	206-1	2496.88	2489.69	2544.76	2510.45	1.19	ppb
Lead	207-1	2537.74	2510.57	2501.78	2516.70	0.74	ppb
Lead	208-1	2517.16	2505.94	2515.64	2512.91	0.24	ppb
Lithium	6-1				90		%
Magnesium	24-2	249389.25	245192.71	244888.94	246490.30	1.02	ppb
Manganese	55-2	4938.37	5005.39	4963.90	4969.22	0.68	ppb
Molybdenum	94-1	4988.98	4921.69	4911.38	4940.68	0.85	ppb
Molybdenum	95-1	2433.60	2436.03	2418.60	2429.41	0.39	ppb
Molybdenum	96-1	2716.94	2704.98	2715.97	2712.63	0.24	ppb
Molybdenum	97-1	2437.53	2415.93	2393.35	2415.60	0.91	ppb
Molybdenum	98-1	2425.56	2417.39	2406.04	2416.33	0.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	513.34	510.26	510.98	511.53	0.31	ppb
Phosphorus	31-2	9520.25	9475.68	9369.28	9455.07	0.82	ppb
Potassium	39-2	132371.79	131348.96	132353.37	132024.71	0.44	ppb
Rhodium	103-1				83		%
Rhodium	103-2				80		%
Scandium	45-1				85		%
Scandium	45-2				86		%
Selenium	82-1	494.02	489.84	491.57	491.81	0.43	ppb
Selenium	77-2	513.30	538.79	509.28	520.46	3.08	ppb
Selenium	78-2	514.80	497.66	506.17	506.21	1.69	ppb
Silicon	28-1	507.95	524.55	537.22	523.24	2.81	ppb
Silver	107-1	507.26	510.01	506.03	507.77	0.40	ppb
Silver	109-1	507.61	509.65	503.06	506.78	0.67	ppb
Sodium	23-2	245317.27	241787.63	244848.41	243984.44	0.79	ppb
Strontium	86-1	4813.49	4854.90	4806.72	4825.04	0.54	ppb
Strontium	88-1	4897.07	4812.40	4840.26	4849.91	0.89	ppb
Sulfur	34-1	10387.89	10220.24	10258.28	10288.80	0.85	ppb
Terbium	159-1				97		%
Terbium	159-2				90		%
Thallium	203-1	497.97	496.44	496.90	497.10	0.16	ppb
Thallium	205-1	505.62	500.64	502.29	502.85	0.50	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	CCV07	Instrumnet Name :	P7
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 12:24:31	DataFile Name :	062CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	504.90	499.99	504.87	503.26	0.56	ppb
Tin	118-1	470.79	473.91	473.93	472.88	0.38	ppb
Titanium	47-1	2415.76	2399.36	2436.03	2417.05	0.76	ppb
Uranium	238-1	507.50	498.67	502.39	502.85	0.88	ppb
Vanadium	51-2	475.23	474.23	473.47	474.31	0.19	ppb
Yttrium	89-1				90		%
Yttrium	89-2				86		%
Zinc	66-2	4829.69	4797.13	4782.17	4803.00	0.51	ppb
Zirconium	90-1	2073.38	2071.77	2049.87	2065.01	0.64	ppb
Zirconium	91-1	2063.09	2039.66	2030.98	2044.58	0.81	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	CCB07	Instrumnet Name :	P7
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 12:36:01	DataFile Name :	063CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.44	0.19	0.30	0.31	41.01	ppb
Antimony	121-1	0.07	0.05	0.05	0.06	14.20	ppb
Arsenic	75-2	0.00	0.00	0.02	0.01	162.25	ppb
Barium	135-1	0.00	0.02	0.03	0.02	103.93	ppb
Barium	137-1	0.01	0.01	0.02	0.01	30.11	ppb
Beryllium	9-1	0.02	0.03	0.01	0.02	35.72	ppb
Bismuth	209-1				97		%
Bismuth	209-2				92		%
Boron	10-1	6.23	5.26	5.73	5.74	8.41	ppb
Boron	11-1	5.64	5.63	6.46	5.91	8.02	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.10	-0.07	-0.06	-0.08		ppb
Cadmium	106-1	-4.64	-3.20	-2.25	-3.36		ppb
Cadmium	108-1	0.09	-0.03	0.29	0.12	136.50	ppb
Calcium	43-1	6.81	-3.29	-1.42	0.70	765.62	ppb
Calcium	44-1	-3.94	-5.23	-6.14	-5.10		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	0.06	0.04	0.05	24.59	ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	185.12	ppb
Copper	63-2	0.04	0.02	0.07	0.04	54.20	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				98		%
Holmium	165-2				94		%
Indium	115-1				97		%
Indium	115-2				93		%
Iron	56-2	1.01	0.98	1.13	1.04	7.83	ppb
Iron	57-2	0.06	0.16	1.58	0.60	141.95	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	CCB07	Instrumnet Name :	P7
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 12:36:01	DataFile Name :	063CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	0.67	0.85	0.57	0.70	20.03	ppb
Krypton	83-1						cps
Lead	206-1	0.12	0.10	0.11	0.11	9.52	ppb
Lead	207-1	0.11	0.12	0.08	0.10	17.78	ppb
Lead	208-1	0.11	0.10	0.10	0.10	6.29	ppb
Lithium	6-1				95		%
Magnesium	24-2	2.06	2.78	2.45	2.43	14.79	ppb
Manganese	55-2	0.05	0.02	0.03	0.03	50.68	ppb
Molybdenum	94-1	0.13	0.09	0.08	0.10	25.47	ppb
Molybdenum	95-1	0.05	0.06	0.03	0.05	34.11	ppb
Molybdenum	96-1	0.07	0.04	0.05	0.05	27.10	ppb
Molybdenum	97-1	0.07	0.04	0.08	0.06	33.88	ppb
Molybdenum	98-1	0.05	0.05	0.05	0.05	1.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.16	-0.16	-0.13	-0.15		ppb
Phosphorus	31-2	-48.46	-45.38	-60.40	-51.41		ppb
Potassium	39-2	5.58	-0.13	5.94	3.80	89.64	ppb
Rhodium	103-1				93		%
Rhodium	103-2				93		%
Scandium	45-1				91		%
Scandium	45-2				93		%
Selenium	82-1	-0.64	0.34	-0.74	-0.35		ppb
Selenium	77-2	0.00	0.00	0.37	0.12	173.21	ppb
Selenium	78-2	-0.58	-0.44	-0.85	-0.62		ppb
Silicon	28-1	-0.44	-1.13	-2.77	-1.45		ppb
Silver	107-1	0.13	0.05	0.05	0.07	64.45	ppb
Silver	109-1	0.12	0.05	0.05	0.07	57.38	ppb
Sodium	23-2	25.20	24.76	26.26	25.41	3.04	ppb
Strontium	86-1	0.00	-0.13	-0.07	-0.07		ppb
Strontium	88-1	0.04	0.03	0.04	0.04	13.23	ppb
Sulfur	34-1	487.22	453.71	181.12	374.02	44.89	ppb
Terbium	159-1				99		%
Terbium	159-2				94		%
Thallium	203-1	0.02	0.03	0.02	0.02	30.25	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	23.20	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	CCB07	Instrumnet Name :	P7
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 12:36:01	DataFile Name :	063CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.01	0.00	0.00	15.62	ppb
Tin	118-1	-0.02	-0.06	-0.06	-0.05		ppb
Titanium	47-1	-0.02	0.04	-0.01	0.01	486.94	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	34.28	ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	83.47	ppb
Yttrium	89-1				95		%
Yttrium	89-2				93		%
Zinc	66-2	-0.36	-0.11	-0.35	-0.27		ppb
Zirconium	90-1	0.04	0.05	0.05	0.05	11.20	ppb
Zirconium	91-1	0.04	0.03	0.04	0.04	13.05	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	PB139233BL	Instrumnet Name :	P7
Client Sample ID :	PB139233BL	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 12:39:25	DataFile Name :	064CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.34	0.28	0.95	0.52	71.50	ppb
Antimony	121-1	0.01	0.01	0.02	0.01	47.76	ppb
Arsenic	75-2	-0.02	-0.01	0.00	-0.01		ppb
Barium	135-1	0.03	0.01	0.01	0.02	48.73	ppb
Barium	137-1	0.01	0.00	0.00	0.00	94.32	ppb
Beryllium	9-1	0.04	0.04	-0.01	0.02	105.79	ppb
Bismuth	209-1				99		%
Bismuth	209-2				94		%
Boron	10-1	4.69	4.60	4.62	4.64	1.10	ppb
Boron	11-1	3.78	4.26	4.60	4.21	9.82	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.02	-0.05	-0.04	-0.04		ppb
Cadmium	106-1	-1.41	-2.85	-1.57	-1.94		ppb
Cadmium	108-1	-0.03	0.00	0.03	0.00		ppb
Calcium	43-1	-0.90	-0.05	5.91	1.65	224.32	ppb
Calcium	44-1	-1.23	-1.97	-1.06	-1.42		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.05	0.05	0.03	0.04	24.00	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	468.50	ppb
Copper	63-2	0.06	0.01	0.04	0.04	63.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				95		%
Indium	115-1				100		%
Indium	115-2				96		%
Iron	56-2	0.05	0.31	0.31	0.22	67.54	ppb
Iron	57-2	-0.15	0.12	-0.31	-0.11		ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	PB139233BL	Instrumnet Name :	P7
Client Sample ID :	PB139233BL	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 12:39:25	DataFile Name :	064CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	1.59	0.69	1.18	1.15	39.22	ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.10	0.10	0.09	10.16	ppb
Lead	207-1	0.12	0.08	0.08	0.09	20.80	ppb
Lead	208-1	0.09	0.09	0.09	0.09	3.53	ppb
Lithium	6-1				98		%
Magnesium	24-2	0.69	0.70	0.89	0.76	15.03	ppb
Manganese	55-2	0.02	0.00	0.01	0.01	60.30	ppb
Molybdenum	94-1	-0.01	0.06	0.00	0.01	276.43	ppb
Molybdenum	95-1	0.03	0.01	0.02	0.02	35.81	ppb
Molybdenum	96-1	0.02	0.01	0.01	0.02	33.26	ppb
Molybdenum	97-1	0.02	0.01	0.03	0.02	39.50	ppb
Molybdenum	98-1	0.02	0.02	0.02	0.02	3.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.14	-0.13	-0.11	-0.13		ppb
Phosphorus	31-2	-40.31	-24.44	-43.90	-36.22		ppb
Potassium	39-2	13.25	3.92	2.63	6.60	87.78	ppb
Rhodium	103-1				98		%
Rhodium	103-2				95		%
Scandium	45-1				94		%
Scandium	45-2				96		%
Selenium	82-1	0.25	0.83	-0.40	0.23	271.70	ppb
Selenium	77-2	0.00	0.37	0.36	0.24	86.61	ppb
Selenium	78-2	0.48	0.03	-0.72	-0.07		ppb
Silicon	28-1	-2.50	-1.73	-2.71	-2.31		ppb
Silver	107-1	0.07	0.03	0.01	0.04	81.65	ppb
Silver	109-1	0.05	0.02	0.01	0.03	86.95	ppb
Sodium	23-2	23.29	18.93	20.54	20.92	10.55	ppb
Strontium	86-1	-0.08	0.00	-0.03	-0.04		ppb
Strontium	88-1	0.02	0.02	0.02	0.02	12.77	ppb
Sulfur	34-1	138.17	310.94	332.62	260.58	40.89	ppb
Terbium	159-1				102		%
Terbium	159-2				95		%
Thallium	203-1	0.01	0.01	0.01	0.01	27.85	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	6.31	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	PB139233BL	Instrumnet Name :	P7
Client Sample ID :	PB139233BL	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 12:39:25	DataFile Name :	064CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	181.44	ppb
Tin	118-1	0.01	-0.01	-0.01	0.00		ppb
Titanium	47-1	0.01	0.01	-0.03	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	29.90	ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	17.17	ppb
Yttrium	89-1				99		%
Yttrium	89-2				95		%
Zinc	66-2	0.29	0.36	0.51	0.39	29.36	ppb
Zirconium	90-1	0.01	0.03	0.01	0.01	63.57	ppb
Zirconium	91-1	-0.02	0.01	0.01	0.00	3654.13	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	PB139233BS	Instrumnet Name :	P7
Client Sample ID :	PB139233BS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 12:42:32	DataFile Name :	065LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10250.13	10119.32	10396.42	10255.29	1.35	ppb
Antimony	121-1	494.74	491.42	494.88	493.68	0.40	ppb
Arsenic	75-2	501.81	499.49	499.77	500.36	0.25	ppb
Barium	135-1	2435.72	2419.67	2429.60	2428.33	0.33	ppb
Barium	137-1	2490.65	2439.23	2472.59	2467.49	1.06	ppb
Beryllium	9-1	484.44	488.04	488.18	486.89	0.43	ppb
Bismuth	209-1				96		%
Bismuth	209-2				90		%
Boron	10-1	447.64	462.44	474.83	461.64	2.95	ppb
Boron	11-1	458.97	474.20	487.80	473.66	3.04	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	498.52	491.51	504.36	498.13	1.29	ppb
Cadmium	106-1	496.18	492.22	507.90	498.77	1.64	ppb
Cadmium	108-1	489.78	490.70	495.80	492.10	0.66	ppb
Calcium	43-1	53405.14	53508.86	53864.20	53592.74	0.45	ppb
Calcium	44-1	50086.93	50731.13	50594.35	50470.80	0.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	488.20	484.73	490.41	487.78	0.59	ppb
Cobalt	59-2	488.06	486.95	490.63	488.55	0.39	ppb
Copper	63-2	5008.76	5031.16	5018.47	5019.46	0.22	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				93		%
Indium	115-1				94		%
Indium	115-2				88		%
Iron	56-2	25824.65	25557.90	25720.44	25700.99	0.52	ppb
Iron	57-2	25763.97	25753.94	25886.50	25801.47	0.29	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	PB139233BS	Instrumnet Name :	P7
Client Sample ID :	PB139233BS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 12:42:32	DataFile Name :	065LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	26547.82	26584.78	26694.23	26608.94	0.29	ppb
Krypton	83-1						cps
Lead	206-1	2506.02	2481.68	2497.04	2494.91	0.49	ppb
Lead	207-1	2493.48	2490.35	2499.26	2494.36	0.18	ppb
Lead	208-1	2499.80	2488.26	2484.17	2490.74	0.33	ppb
Lithium	6-1				93		%
Magnesium	24-2	50584.08	50391.21	50844.64	50606.64	0.45	ppb
Manganese	55-2	5048.51	4939.06	5008.91	4998.82	1.11	ppb
Molybdenum	94-1	2447.13	2449.18	2468.15	2454.82	0.47	ppb
Molybdenum	95-1	2434.52	2472.02	2468.60	2458.38	0.84	ppb
Molybdenum	96-1	2399.04	2429.01	2453.06	2427.04	1.12	ppb
Molybdenum	97-1	2409.73	2442.42	2440.72	2430.96	0.76	ppb
Molybdenum	98-1	2419.17	2451.89	2430.71	2433.93	0.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	487.90	492.87	493.53	491.43	0.63	ppb
Phosphorus	31-2	10084.60	9752.84	10134.69	9990.71	2.08	ppb
Potassium	39-2	25417.06	25240.09	24937.91	25198.35	0.96	ppb
Rhodium	103-1				88		%
Rhodium	103-2				87		%
Scandium	45-1				88		%
Scandium	45-2				87		%
Selenium	82-1	488.05	499.02	505.27	497.45	1.75	ppb
Selenium	77-2	533.83	512.04	519.04	521.64	2.13	ppb
Selenium	78-2	517.90	504.64	508.39	510.31	1.34	ppb
Silicon	28-1	453.45	454.98	468.02	458.82	1.74	ppb
Silver	107-1	505.94	501.49	507.55	504.99	0.62	ppb
Silver	109-1	507.63	503.69	507.81	506.37	0.46	ppb
Sodium	23-2	50980.69	50740.39	51405.41	51042.16	0.66	ppb
Strontium	86-1	4833.31	4882.87	4925.12	4880.43	0.94	ppb
Strontium	88-1	4844.19	4883.30	4924.42	4883.97	0.82	ppb
Sulfur	34-1	10294.62	10171.53	10028.04	10164.73	1.31	ppb
Terbium	159-1				100		%
Terbium	159-2				93		%
Thallium	203-1	487.98	491.29	490.37	489.88	0.35	ppb
Thallium	205-1	500.92	499.11	493.94	497.99	0.73	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	PB139233BS	Instrumnet Name :	P7
Client Sample ID :	PB139233BS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 12:42:32	DataFile Name :	065LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	477.91	486.69	485.92	483.51	1.01	ppb
Tin	118-1	485.54	479.05	487.64	484.07	0.92	ppb
Titanium	47-1	2411.70	2417.21	2410.12	2413.01	0.15	ppb
Uranium	238-1	474.13	473.12	474.41	473.88	0.14	ppb
Vanadium	51-2	487.22	485.54	488.59	487.12	0.31	ppb
Yttrium	89-1				92		%
Yttrium	89-2				89		%
Zinc	66-2	4831.42	4893.51	4920.66	4881.86	0.94	ppb
Zirconium	90-1	487.06	495.65	491.22	491.31	0.87	ppb
Zirconium	91-1	476.96	480.84	484.98	480.93	0.83	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-05A	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 12:45:28	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10015.53	9940.93	9827.70	9928.05	0.95	ppb
Antimony	121-1	476.13	461.31	463.05	466.83	1.74	ppb
Arsenic	75-2	491.46	487.80	490.94	490.07	0.40	ppb
Barium	135-1	2483.04	2407.20	2418.41	2436.22	1.68	ppb
Barium	137-1	2507.51	2396.96	2429.29	2444.59	2.33	ppb
Beryllium	9-1	467.84	462.88	462.14	464.29	0.67	ppb
Bismuth	209-1				96		%
Bismuth	209-2				89		%
Boron	10-1	494.62	507.61	518.03	506.75	2.32	ppb
Boron	11-1	496.93	518.30	522.68	512.64	2.69	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	473.11	457.84	462.48	464.48	1.69	ppb
Cadmium	106-1	473.93	453.06	456.36	461.12	2.43	ppb
Cadmium	108-1	484.65	477.62	474.35	478.87	1.10	ppb
Calcium	43-1	78420.06	78844.75	78023.39	78429.40	0.52	ppb
Calcium	44-1	74307.43	74112.09	74184.85	74201.46	0.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	463.00	459.92	451.23	458.05	1.33	ppb
Cobalt	59-2	465.43	462.67	454.63	460.91	1.22	ppb
Copper	63-2	5235.39	5230.40	5090.10	5185.29	1.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				93		%
Indium	115-1				93		%
Indium	115-2				87		%
Iron	56-2	25532.12	25458.96	24788.26	25259.78	1.62	ppb
Iron	57-2	25515.83	25380.10	25023.35	25306.43	1.01	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-05A	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 12:45:28	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	25945.13	26036.94	25560.73	25847.60	0.98	ppb
Krypton	83-1						cps
Lead	206-1	2362.49	2325.80	2330.29	2339.53	0.86	ppb
Lead	207-1	2395.20	2357.18	2355.93	2369.44	0.94	ppb
Lead	208-1	2379.76	2342.95	2346.64	2356.45	0.86	ppb
Lithium	6-1				91		%
Magnesium	24-2	56060.23	56068.15	55540.06	55889.48	0.54	ppb
Manganese	55-2	5211.81	5258.16	5141.32	5203.76	1.13	ppb
Molybdenum	94-1	3635.01	3656.28	3590.74	3627.34	0.92	ppb
Molybdenum	95-1	4258.76	4221.69	4202.63	4227.69	0.68	ppb
Molybdenum	96-1	4168.35	4115.40	4114.35	4132.70	0.75	ppb
Molybdenum	97-1	4245.69	4153.74	4220.06	4206.50	1.13	ppb
Molybdenum	98-1	4269.50	4238.85	4228.00	4245.45	0.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	466.66	462.25	459.20	462.70	0.81	ppb
Phosphorus	31-2	-31.08	-23.06	-9.17	-21.11		ppb
Potassium	39-2	26815.52	26790.84	26510.31	26705.56	0.63	ppb
Rhodium	103-1				87		%
Rhodium	103-2				86		%
Scandium	45-1				87		%
Scandium	45-2				87		%
Selenium	82-1	457.74	458.80	449.93	455.49	1.06	ppb
Selenium	77-2	476.68	497.23	494.32	489.41	2.27	ppb
Selenium	78-2	484.86	483.20	485.01	484.36	0.21	ppb
Silicon	28-1	3321.47	3318.24	3334.79	3324.83	0.26	ppb
Silver	107-1	765.93	591.49	551.24	636.22	17.94	ppb
Silver	109-1	652.45	707.91	736.84	699.07	6.13	ppb
Sodium	23-2	73389.84	73517.21	72440.80	73115.95	0.80	ppb
Strontium	86-1	4664.90	4722.93	4655.50	4681.11	0.78	ppb
Strontium	88-1	4698.89	4703.47	4673.61	4691.99	0.34	ppb
Sulfur	34-1	4706.12	4267.57	4248.43	4407.37	5.87	ppb
Terbium	159-1				99		%
Terbium	159-2				93		%
Thallium	203-1	467.14	461.15	464.73	464.34	0.65	ppb
Thallium	205-1	474.43	468.15	474.91	472.49	0.80	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-05A	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 12:45:28	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.11	0.09	0.09	0.10	10.13	ppb
Tin	118-1	478.32	465.04	466.27	469.88	1.56	ppb
Titanium	47-1	4191.67	4189.45	4163.11	4181.41	0.38	ppb
Uranium	238-1	460.99	462.22	464.97	462.73	0.44	ppb
Vanadium	51-2	464.10	460.95	453.97	459.67	1.13	ppb
Yttrium	89-1				93		%
Yttrium	89-2				88		%
Zinc	66-2	5093.74	5081.53	5013.89	5063.05	0.85	ppb
Zirconium	90-1	445.72	447.76	442.46	445.31	0.60	ppb
Zirconium	91-1	440.51	436.96	434.76	437.41	0.66	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-05MS	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 12:53:43	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10100.94	9989.91	9831.77	9974.21	1.36	ppb
Antimony	121-1	471.08	465.68	465.93	467.56	0.65	ppb
Arsenic	75-2	492.50	486.21	485.28	487.99	0.80	ppb
Barium	135-1	2441.29	2429.71	2457.82	2442.94	0.58	ppb
Barium	137-1	2486.51	2472.25	2470.34	2476.36	0.36	ppb
Beryllium	9-1	467.90	465.57	458.70	464.06	1.03	ppb
Bismuth	209-1				95		%
Bismuth	209-2				88		%
Boron	10-1	483.57	505.31	508.56	499.15	2.72	ppb
Boron	11-1	492.77	513.83	520.81	509.14	2.87	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	461.67	466.33	468.29	465.43	0.73	ppb
Cadmium	106-1	454.50	466.31	462.27	461.03	1.30	ppb
Cadmium	108-1	476.60	485.17	484.66	482.15	1.00	ppb
Calcium	43-1	74896.75	75898.87	75320.37	75372.00	0.67	ppb
Calcium	44-1	71084.60	71137.73	72182.85	71468.39	0.87	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	461.39	459.40	456.75	459.18	0.51	ppb
Cobalt	59-2	467.33	457.89	458.55	461.26	1.14	ppb
Copper	63-2	5251.32	5155.44	5174.30	5193.69	0.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				92		%
Indium	115-1				92		%
Indium	115-2				86		%
Iron	56-2	25363.46	25111.13	25008.98	25161.19	0.73	ppb
Iron	57-2	25632.23	25194.21	25213.99	25346.81	0.98	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-05MS	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 12:53:43	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	26231.69	25933.37	25658.64	25941.23	1.10	ppb
Krypton	83-1						cps
Lead	206-1	2373.19	2372.63	2324.69	2356.83	1.18	ppb
Lead	207-1	2384.04	2355.76	2368.39	2369.40	0.60	ppb
Lead	208-1	2369.39	2346.84	2343.28	2353.17	0.60	ppb
Lithium	6-1				90		%
Magnesium	24-2	56896.79	56086.75	55784.59	56256.04	1.02	ppb
Manganese	55-2	5245.70	5211.94	5136.43	5198.02	1.08	ppb
Molybdenum	94-1	3714.89	3605.89	3635.62	3652.13	1.54	ppb
Molybdenum	95-1	4315.88	4223.12	4293.80	4277.60	1.13	ppb
Molybdenum	96-1	4218.17	4161.47	4229.38	4203.01	0.87	ppb
Molybdenum	97-1	4303.11	4219.66	4262.50	4261.76	0.98	ppb
Molybdenum	98-1	4315.58	4259.02	4247.91	4274.17	0.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	467.71	460.02	460.99	462.91	0.90	ppb
Phosphorus	31-2	-1.19	-30.13	-30.08	-20.47		ppb
Potassium	39-2	27203.61	26864.68	26408.96	26825.75	1.49	ppb
Rhodium	103-1				86		%
Rhodium	103-2				84		%
Scandium	45-1				85		%
Scandium	45-2				85		%
Selenium	82-1	458.65	463.78	465.15	462.53	0.74	ppb
Selenium	77-2	510.48	475.86	479.70	488.68	3.88	ppb
Selenium	78-2	497.63	482.45	485.54	488.54	1.64	ppb
Silicon	28-1	3298.78	3319.44	3372.77	3330.33	1.15	ppb
Silver	107-1	710.74	502.71	530.30	581.25	19.44	ppb
Silver	109-1	651.19	621.44	656.13	642.92	2.92	ppb
Sodium	23-2	73945.12	73279.87	73034.68	73419.89	0.64	ppb
Strontium	86-1	4719.52	4683.25	4705.35	4702.71	0.39	ppb
Strontium	88-1	4748.98	4694.90	4749.28	4731.05	0.66	ppb
Sulfur	34-1	4609.74	4657.54	4499.25	4588.84	1.77	ppb
Terbium	159-1				98		%
Terbium	159-2				91		%
Thallium	203-1	459.16	466.62	461.03	462.27	0.84	ppb
Thallium	205-1	469.84	479.34	469.77	472.98	1.16	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-05MS	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 12:53:43	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.02	0.02	0.02	0.02	3.83	ppb
Tin	118-1	472.54	468.94	471.54	471.01	0.39	ppb
Titanium	47-1	4161.68	4196.32	4168.99	4175.66	0.44	ppb
Uranium	238-1	454.68	465.75	464.85	461.76	1.33	ppb
Vanadium	51-2	464.00	458.72	460.33	461.01	0.59	ppb
Yttrium	89-1				90		%
Yttrium	89-2				86		%
Zinc	66-2	5120.43	5070.18	5047.52	5079.38	0.73	ppb
Zirconium	90-1	456.79	447.27	446.44	450.17	1.28	ppb
Zirconium	91-1	448.96	439.12	439.77	442.62	1.24	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-05MSD	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 12:56:41	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10095.14	9944.51	9911.49	9983.71	0.98	ppb
Antimony	121-1	466.20	460.32	463.95	463.49	0.64	ppb
Arsenic	75-2	488.32	484.92	484.20	485.81	0.45	ppb
Barium	135-1	2436.39	2408.85	2438.96	2428.07	0.69	ppb
Barium	137-1	2467.31	2439.60	2460.02	2455.64	0.58	ppb
Beryllium	9-1	454.41	454.18	462.35	456.98	1.02	ppb
Bismuth	209-1				95		%
Bismuth	209-2				88		%
Boron	10-1	496.69	513.59	514.85	508.38	1.99	ppb
Boron	11-1	504.18	517.56	526.51	516.08	2.18	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	471.80	462.74	457.94	464.16	1.52	ppb
Cadmium	106-1	466.62	459.39	457.46	461.16	1.05	ppb
Cadmium	108-1	476.97	475.27	473.19	475.14	0.40	ppb
Calcium	43-1	75337.40	75504.10	75895.79	75579.10	0.38	ppb
Calcium	44-1	71498.71	72930.82	72308.27	72245.93	0.99	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	457.30	457.38	457.18	457.29	0.02	ppb
Cobalt	59-2	461.54	459.92	458.78	460.08	0.30	ppb
Copper	63-2	5185.77	5158.38	5165.50	5169.88	0.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				92		%
Indium	115-1				92		%
Indium	115-2				85		%
Iron	56-2	25223.82	25215.83	25235.33	25225.00	0.04	ppb
Iron	57-2	25385.83	25188.27	25378.11	25317.40	0.44	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-05MSD	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 12:56:41	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	25960.43	25919.67	25911.24	25930.45	0.10	ppb
Krypton	83-1						cps
Lead	206-1	2302.34	2349.18	2307.22	2319.58	1.11	ppb
Lead	207-1	2340.77	2379.39	2358.26	2359.47	0.82	ppb
Lead	208-1	2321.14	2338.44	2343.00	2334.19	0.49	ppb
Lithium	6-1				90		%
Magnesium	24-2	56882.78	56245.34	56192.65	56440.26	0.68	ppb
Manganese	55-2	5185.34	5175.11	5202.27	5187.57	0.26	ppb
Molybdenum	94-1	3567.23	3651.30	3600.31	3606.28	1.17	ppb
Molybdenum	95-1	4196.15	4318.14	4267.31	4260.54	1.44	ppb
Molybdenum	96-1	4127.01	4218.53	4184.51	4176.68	1.11	ppb
Molybdenum	97-1	4207.21	4271.28	4246.22	4241.57	0.76	ppb
Molybdenum	98-1	4245.43	4282.11	4235.71	4254.42	0.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	461.61	458.83	460.05	460.16	0.30	ppb
Phosphorus	31-2	-30.69	-31.28	-26.57	-29.52		ppb
Potassium	39-2	26940.44	26631.19	26565.74	26712.46	0.75	ppb
Rhodium	103-1				85		%
Rhodium	103-2				84		%
Scandium	45-1				85		%
Scandium	45-2				85		%
Selenium	82-1	461.96	468.63	462.60	464.40	0.79	ppb
Selenium	77-2	507.77	477.56	492.73	492.69	3.07	ppb
Selenium	78-2	478.32	485.33	493.85	485.83	1.60	ppb
Silicon	28-1	3293.95	3307.59	3324.23	3308.59	0.46	ppb
Silver	107-1	595.94	556.04	502.07	551.35	8.54	ppb
Silver	109-1	476.28	613.31	525.95	538.51	12.88	ppb
Sodium	23-2	73769.19	73250.58	73484.01	73501.26	0.35	ppb
Strontium	86-1	4589.84	4725.43	4638.25	4651.17	1.48	ppb
Strontium	88-1	4670.05	4732.26	4699.48	4700.60	0.66	ppb
Sulfur	34-1	4125.54	4253.43	4321.87	4233.61	2.35	ppb
Terbium	159-1				98		%
Terbium	159-2				91		%
Thallium	203-1	454.72	463.52	465.70	461.31	1.26	ppb
Thallium	205-1	461.17	469.64	466.71	465.84	0.92	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-05MSD	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 12:56:41	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.02	0.02	0.02	0.02	13.14	ppb
Tin	118-1	470.50	465.33	465.62	467.15	0.62	ppb
Titanium	47-1	4133.95	4126.45	4134.49	4131.63	0.11	ppb
Uranium	238-1	459.72	453.87	463.00	458.86	1.01	ppb
Vanadium	51-2	461.73	457.63	460.51	459.96	0.46	ppb
Yttrium	89-1				90		%
Yttrium	89-2				86		%
Zinc	66-2	5045.88	5043.45	5054.87	5048.06	0.12	ppb
Zirconium	90-1	442.32	452.51	446.74	447.19	1.14	ppb
Zirconium	91-1	432.19	444.54	437.81	438.18	1.41	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-02	Instrumnet Name :	P7
Client Sample ID :	SW-RR-02-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 13:12:23	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	175.18	149.57	165.40	163.38	7.91	ppb
Antimony	121-1	0.24	0.28	0.25	0.26	6.39	ppb
Arsenic	75-2	4.50	4.99	4.47	4.66	6.28	ppb
Barium	135-1	70.58	70.01	70.32	70.30	0.41	ppb
Barium	137-1	71.50	71.92	71.14	71.52	0.54	ppb
Beryllium	9-1	0.06	0.07	0.07	0.07	8.22	ppb
Bismuth	209-1				96		%
Bismuth	209-2				91		%
Boron	10-1	64.63	72.22	65.85	67.57	6.03	ppb
Boron	11-1	69.72	73.17	72.12	71.67	2.47	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.00	-0.03	0.03	0.00		ppb
Cadmium	106-1	-3.44	-3.01	-2.28	-2.91		ppb
Cadmium	108-1	0.03	0.21	0.29	0.18	74.82	ppb
Calcium	43-1	26203.07	26181.10	26072.58	26152.25	0.27	ppb
Calcium	44-1	24832.37	24935.78	25079.20	24949.12	0.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.87	1.92	1.85	1.88	1.71	ppb
Cobalt	59-2	1.70	1.68	1.71	1.70	0.72	ppb
Copper	63-2	9.28	9.36	9.23	9.29	0.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				92		%
Indium	115-1				94		%
Indium	115-2				90		%
Iron	56-2	4461.24	4374.85	4397.16	4411.08	1.02	ppb
Iron	57-2	4467.14	4427.89	4449.60	4448.21	0.44	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-02	Instrumnet Name :	P7
Client Sample ID :	SW-RR-02-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 13:12:23	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	4486.73	4502.23	4470.03	4486.33	0.36	ppb
Krypton	83-1						cps
Lead	206-1	1.97	1.87	1.80	1.88	4.67	ppb
Lead	207-1	1.85	1.80	1.77	1.81	2.28	ppb
Lead	208-1	1.85	1.82	1.78	1.82	1.99	ppb
Lithium	6-1				94		%
Magnesium	24-2	4660.10	4624.11	4661.45	4648.55	0.46	ppb
Manganese	55-2	916.81	913.37	924.16	918.11	0.60	ppb
Molybdenum	94-1	1.24	1.23	1.21	1.23	1.55	ppb
Molybdenum	95-1	1.41	1.46	1.47	1.45	2.10	ppb
Molybdenum	96-1	1.52	1.36	1.43	1.44	5.57	ppb
Molybdenum	97-1	1.51	1.48	1.33	1.44	6.49	ppb
Molybdenum	98-1	1.49	1.42	1.54	1.48	4.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.77	2.72	3.06	2.85	6.54	ppb
Phosphorus	31-2	291.05	304.60	327.81	307.82	6.04	ppb
Potassium	39-2	7220.59	7214.88	7256.91	7230.79	0.32	ppb
Rhodium	103-1				89		%
Rhodium	103-2				89		%
Scandium	45-1				88		%
Scandium	45-2				89		%
Selenium	82-1	-0.30	0.83	0.09	0.21	278.81	ppb
Selenium	77-2	1.17	0.39	0.39	0.65	69.74	ppb
Selenium	78-2	-0.74	-1.21	0.29	-0.56		ppb
Silicon	28-1	3876.08	3848.75	3845.14	3856.66	0.44	ppb
Silver	107-1	0.09	0.12	0.15	0.12	24.78	ppb
Silver	109-1	0.12	0.09	0.10	0.10	14.39	ppb
Sodium	23-2	16467.38	16355.07	16517.95	16446.80	0.51	ppb
Strontium	86-1	151.35	150.55	150.24	150.72	0.38	ppb
Strontium	88-1	150.24	149.97	150.16	150.12	0.09	ppb
Sulfur	34-1	6268.16	6115.79	6183.04	6189.00	1.23	ppb
Terbium	159-1				98		%
Terbium	159-2				92		%
Thallium	203-1	0.01	0.02	0.01	0.02	17.65	ppb
Thallium	205-1	0.02	0.02	0.03	0.02	32.72	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-02	Instrumnet Name :	P7
Client Sample ID :	SW-RR-02-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 13:12:23	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.04	0.05	0.05	0.05	9.91	ppb
Tin	118-1	0.07	0.08	0.09	0.08	14.19	ppb
Titanium	47-1	6.40	6.32	6.50	6.41	1.44	ppb
Uranium	238-1	0.15	0.14	0.15	0.14	4.60	ppb
Vanadium	51-2	2.01	2.01	1.92	1.98	2.57	ppb
Yttrium	89-1				93		%
Yttrium	89-2				90		%
Zinc	66-2	62.41	61.66	63.03	62.37	1.10	ppb
Zirconium	90-1	0.18	0.17	0.15	0.17	9.71	ppb
Zirconium	91-1	0.20	0.19	0.13	0.17	20.36	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-04	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(1.5)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 13:15:31	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	163.85	151.73	157.15	157.57	3.85	ppb
Antimony	121-1	0.23	0.24	0.21	0.23	6.31	ppb
Arsenic	75-2	4.87	4.86	4.86	4.86	0.15	ppb
Barium	135-1	70.97	72.83	70.13	71.31	1.93	ppb
Barium	137-1	72.15	73.52	72.35	72.67	1.02	ppb
Beryllium	9-1	0.05	0.09	0.06	0.06	31.85	ppb
Bismuth	209-1				97		%
Bismuth	209-2				92		%
Boron	10-1	69.57	73.33	75.94	72.95	4.39	ppb
Boron	11-1	73.45	78.05	77.35	76.29	3.25	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.05	0.03	0.04	0.04	33.01	ppb
Cadmium	106-1	-0.76	-1.51	-1.74	-1.34		ppb
Cadmium	108-1	0.09	0.24	0.09	0.14	62.42	ppb
Calcium	43-1	26580.99	26579.14	26792.86	26651.00	0.46	ppb
Calcium	44-1	25516.88	25519.18	25524.43	25520.16	0.02	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.85	1.92	1.80	1.85	3.20	ppb
Cobalt	59-2	1.80	1.78	1.70	1.76	3.07	ppb
Copper	63-2	9.09	9.08	9.04	9.07	0.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				93		%
Indium	115-1				96		%
Indium	115-2				91		%
Iron	56-2	4617.64	4542.99	4525.99	4562.21	1.07	ppb
Iron	57-2	4676.79	4680.11	4609.79	4655.57	0.85	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-04	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(1.5)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 13:15:31	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	4785.19	4741.18	4643.64	4723.34	1.53	ppb
Krypton	83-1						cps
Lead	206-1	1.84	1.83	1.80	1.82	1.05	ppb
Lead	207-1	1.72	1.72	1.82	1.76	3.21	ppb
Lead	208-1	1.80	1.79	1.81	1.80	0.73	ppb
Lithium	6-1				94		%
Magnesium	24-2	4768.36	4752.53	4748.02	4756.30	0.22	ppb
Manganese	55-2	913.68	902.53	895.71	903.97	1.00	ppb
Molybdenum	94-1	1.20	1.25	1.18	1.21	2.99	ppb
Molybdenum	95-1	1.43	1.52	1.46	1.47	3.07	ppb
Molybdenum	96-1	1.32	1.45	1.41	1.39	5.09	ppb
Molybdenum	97-1	1.32	1.47	1.45	1.41	5.65	ppb
Molybdenum	98-1	1.43	1.54	1.41	1.46	4.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.72	2.66	2.76	2.71	1.85	ppb
Phosphorus	31-2	299.34	298.01	292.28	296.54	1.27	ppb
Potassium	39-2	7288.48	7312.21	7323.85	7308.18	0.25	ppb
Rhodium	103-1				90		%
Rhodium	103-2				89		%
Scandium	45-1				88		%
Scandium	45-2				89		%
Selenium	82-1	0.23	-1.42	-0.15	-0.45		ppb
Selenium	77-2	0.39	0.78	0.78	0.65	34.20	ppb
Selenium	78-2	-0.20	-0.69	0.41	-0.16		ppb
Silicon	28-1	3870.60	3940.24	3887.48	3899.44	0.93	ppb
Silver	107-1	0.07	0.08	0.08	0.08	7.86	ppb
Silver	109-1	0.07	0.06	0.05	0.06	12.89	ppb
Sodium	23-2	16612.80	16586.50	16683.44	16627.58	0.30	ppb
Strontium	86-1	148.62	152.55	151.13	150.77	1.32	ppb
Strontium	88-1	150.65	152.95	152.55	152.05	0.81	ppb
Sulfur	34-1	6204.61	6111.54	6101.53	6139.22	0.93	ppb
Terbium	159-1				99		%
Terbium	159-2				93		%
Thallium	203-1	0.01	0.01	0.01	0.01	10.14	ppb
Thallium	205-1	0.01	0.02	0.01	0.01	19.44	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-04	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(1.5)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 13:15:31	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.05	0.05	0.05	0.05	7.45	ppb
Tin	118-1	0.10	0.10	0.11	0.11	2.21	ppb
Titanium	47-1	5.89	6.49	6.89	6.42	7.79	ppb
Uranium	238-1	0.14	0.14	0.15	0.14	5.21	ppb
Vanadium	51-2	1.98	1.97	2.00	1.98	0.89	ppb
Yttrium	89-1				93		%
Yttrium	89-2				89		%
Zinc	66-2	59.79	60.25	59.01	59.68	1.04	ppb
Zirconium	90-1	0.18	0.16	0.16	0.16	7.17	ppb
Zirconium	91-1	0.13	0.24	0.15	0.17	34.93	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-06	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 13:18:37	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	80.60	72.70	82.87	78.72	6.78	ppb
Antimony	121-1	0.09	0.10	0.10	0.10	7.44	ppb
Arsenic	75-2	0.55	0.57	0.58	0.57	2.94	ppb
Barium	135-1	42.05	43.52	42.61	42.72	1.74	ppb
Barium	137-1	41.99	42.54	43.33	42.62	1.59	ppb
Beryllium	9-1	0.04	0.03	0.04	0.04	21.29	ppb
Bismuth	209-1				97		%
Bismuth	209-2				92		%
Boron	10-1	40.27	39.06	39.51	39.62	1.55	ppb
Boron	11-1	42.22	41.94	43.67	42.61	2.18	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.05	-0.03	-0.04	-0.04		ppb
Cadmium	106-1	-1.86	-1.77	-1.90	-1.84		ppb
Cadmium	108-1	0.25	0.12	0.03	0.13	84.95	ppb
Calcium	43-1	25415.75	25519.30	25291.07	25408.71	0.45	ppb
Calcium	44-1	24355.38	24291.06	24419.23	24355.22	0.26	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.28	0.33	0.29	0.30	10.05	ppb
Cobalt	59-2	0.13	0.13	0.13	0.13	2.67	ppb
Copper	63-2	1.08	1.14	1.06	1.09	3.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				95		%
Indium	115-1				96		%
Indium	115-2				92		%
Iron	56-2	171.76	169.09	175.58	172.14	1.90	ppb
Iron	57-2	210.30	212.24	217.91	213.48	1.85	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-06	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 13:18:37	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	169.17	169.32	168.97	169.15	0.10	ppb
Krypton	83-1						cps
Lead	206-1	0.33	0.29	0.30	0.31	7.40	ppb
Lead	207-1	0.31	0.29	0.28	0.29	4.12	ppb
Lead	208-1	0.31	0.28	0.30	0.30	4.24	ppb
Lithium	6-1				95		%
Magnesium	24-2	9224.12	9285.90	9080.43	9196.81	1.15	ppb
Manganese	55-2	21.16	21.60	21.11	21.29	1.26	ppb
Molybdenum	94-1	0.50	0.61	0.54	0.55	10.11	ppb
Molybdenum	95-1	0.64	0.65	0.70	0.66	4.44	ppb
Molybdenum	96-1	0.66	0.68	0.70	0.68	2.95	ppb
Molybdenum	97-1	0.55	0.72	0.60	0.63	14.01	ppb
Molybdenum	98-1	0.63	0.65	0.72	0.67	7.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.35	0.39	0.28	0.34	17.07	ppb
Phosphorus	31-2	-55.24	-69.64	-26.18	-50.35		ppb
Potassium	39-2	2396.16	2365.47	2359.43	2373.69	0.83	ppb
Rhodium	103-1				91		%
Rhodium	103-2				90		%
Scandium	45-1				89		%
Scandium	45-2				91		%
Selenium	82-1	-0.18	0.64	0.05	0.17	249.47	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.15	0.48	-0.61	-0.09		ppb
Silicon	28-1	2955.42	4737.64	2949.11	3547.39	29.06	ppb
Silver	107-1	0.02	0.02	0.02	0.02	13.30	ppb
Silver	109-1	0.02	0.01	4.41	1.48	171.48	ppb
Sodium	23-2	26911.85	27010.32	26726.97	26883.05	0.54	ppb
Strontium	86-1	130.34	132.10	133.37	131.93	1.15	ppb
Strontium	88-1	132.51	134.03	134.67	133.74	0.83	ppb
Sulfur	34-1	4687.93	4555.41	4624.80	4622.72	1.43	ppb
Terbium	159-1				100		%
Terbium	159-2				94		%
Thallium	203-1	0.00	0.00	0.01	0.00	96.06	ppb
Thallium	205-1	0.01	0.01	0.02	0.01	32.12	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-06	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 13:18:37	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.01	0.01	0.01	5.15	ppb
Tin	118-1	-0.04	-0.01	-0.04	-0.03		ppb
Titanium	47-1	1.76	2.53	95.18	33.16	162.00	ppb
Uranium	238-1	0.23	0.23	0.24	0.24	2.67	ppb
Vanadium	51-2	0.88	0.95	0.87	0.90	4.59	ppb
Yttrium	89-1				95		%
Yttrium	89-2				91		%
Zinc	66-2	16.71	17.61	16.38	16.90	3.76	ppb
Zirconium	90-1	0.03	0.05	0.02	0.04	38.35	ppb
Zirconium	91-1	0.02	0.03	0.04	0.03	28.49	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-08	Instrumnet Name :	P7
Client Sample ID :	SW-CB-03-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 13:21:44	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	55.17	51.06	47.68	51.30	7.31	ppb
Antimony	121-1	0.19	0.17	0.18	0.18	4.92	ppb
Arsenic	75-2	0.99	0.86	0.91	0.92	6.79	ppb
Barium	135-1	68.01	65.11	67.78	66.97	2.41	ppb
Barium	137-1	67.64	66.94	67.93	67.50	0.75	ppb
Beryllium	9-1	0.06	0.00	0.05	0.04	89.05	ppb
Bismuth	209-1				97		%
Bismuth	209-2				92		%
Boron	10-1	132.78	140.21	141.46	138.15	3.40	ppb
Boron	11-1	140.04	145.04	148.78	144.62	3.03	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.02	0.01	-0.02	-0.01		ppb
Cadmium	106-1	-0.79	-0.85	-1.84	-1.16		ppb
Cadmium	108-1	0.11	0.00	0.14	0.08	90.69	ppb
Calcium	43-1	41567.64	41466.56	41978.22	41670.80	0.65	ppb
Calcium	44-1	39630.89	39923.81	39919.14	39824.61	0.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.36	0.33	0.36	0.35	5.70	ppb
Cobalt	59-2	0.32	0.29	0.31	0.31	3.93	ppb
Copper	63-2	1.43	1.31	1.36	1.37	4.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				96		%
Indium	115-1				97		%
Indium	115-2				93		%
Iron	56-2	709.49	705.49	701.85	705.61	0.54	ppb
Iron	57-2	780.49	773.34	767.90	773.91	0.82	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-08	Instrumnet Name :	P7
Client Sample ID :	SW-CB-03-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 13:21:44	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	715.11	720.26	702.33	712.57	1.30	ppb
Krypton	83-1						cps
Lead	206-1	0.40	0.40	0.39	0.40	1.84	ppb
Lead	207-1	0.39	0.40	0.36	0.38	5.44	ppb
Lead	208-1	0.37	0.39	0.38	0.38	2.11	ppb
Lithium	6-1				95		%
Magnesium	24-2	14613.79	14576.72	14441.22	14543.91	0.62	ppb
Manganese	55-2	444.01	434.62	434.28	437.63	1.26	ppb
Molybdenum	94-1	0.70	0.70	0.61	0.67	7.34	ppb
Molybdenum	95-1	0.87	0.93	0.92	0.90	3.34	ppb
Molybdenum	96-1	0.85	0.86	0.87	0.86	1.36	ppb
Molybdenum	97-1	0.83	0.82	0.86	0.83	2.60	ppb
Molybdenum	98-1	0.93	0.90	0.89	0.91	2.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.69	0.71	0.81	0.74	8.58	ppb
Phosphorus	31-2	57.28	68.21	48.99	58.16	16.58	ppb
Potassium	39-2	3149.51	3112.68	3089.69	3117.29	0.97	ppb
Rhodium	103-1				91		%
Rhodium	103-2				91		%
Scandium	45-1				90		%
Scandium	45-2				92		%
Selenium	82-1	-0.09	-0.28	0.85	0.16	382.19	ppb
Selenium	77-2	0.38	0.00	0.38	0.25	86.60	ppb
Selenium	78-2	-0.68	-0.62	-0.37	-0.56		ppb
Silicon	28-1	4721.18	4717.00	4780.23	4739.47	0.75	ppb
Silver	107-1	0.00	0.01	0.01	0.01	50.18	ppb
Silver	109-1	0.00	0.01	0.00	0.00	1116.26	ppb
Sodium	23-2	50614.65	49543.14	49523.84	49893.88	1.25	ppb
Strontium	86-1	186.74	188.66	187.94	187.78	0.52	ppb
Strontium	88-1	186.63	189.45	189.86	188.64	0.93	ppb
Sulfur	34-1	18886.84	18595.73	18880.59	18787.72	0.89	ppb
Terbium	159-1				101		%
Terbium	159-2				95		%
Thallium	203-1	0.02	0.02	0.01	0.01	35.16	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	23.76	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-08	Instrumnet Name :	P7
Client Sample ID :	SW-CB-03-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 13:21:44	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.03	0.01	0.02	67.75	ppb
Tin	118-1	-0.02	-0.01	-0.01	-0.01		ppb
Titanium	47-1	2.19	1.86	1.84	1.96	9.89	ppb
Uranium	238-1	0.18	0.18	0.18	0.18	1.73	ppb
Vanadium	51-2	1.14	1.05	1.10	1.10	3.76	ppb
Yttrium	89-1				95		%
Yttrium	89-2				92		%
Zinc	66-2	25.20	24.75	24.66	24.87	1.17	ppb
Zirconium	90-1	0.04	0.07	0.05	0.05	22.71	ppb
Zirconium	91-1	0.06	0.04	0.07	0.06	29.10	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-10	Instrumnet Name :	P7
Client Sample ID :	SW-CB-02-(0.3)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 13:24:51	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35.86	45.57	35.53	38.99	14.63	ppb
Antimony	121-1	0.17	0.17	0.16	0.17	2.75	ppb
Arsenic	75-2	0.87	0.89	0.96	0.91	5.50	ppb
Barium	135-1	59.97	61.90	61.68	61.19	1.72	ppb
Barium	137-1	62.32	62.39	61.57	62.09	0.73	ppb
Beryllium	9-1	0.03	0.04	0.06	0.04	37.26	ppb
Bismuth	209-1				98		%
Bismuth	209-2				92		%
Boron	10-1	123.77	124.54	126.88	125.06	1.30	ppb
Boron	11-1	125.91	131.64	132.85	130.13	2.85	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.00	0.02	-0.01	0.00	452.96	ppb
Cadmium	106-1	-0.75	0.42	-0.56	-0.30		ppb
Cadmium	108-1	0.00	-0.06	0.11	0.02	487.15	ppb
Calcium	43-1	39535.25	39601.97	39364.35	39500.53	0.31	ppb
Calcium	44-1	37724.08	37772.07	37889.48	37795.21	0.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.28	0.29	0.19	0.25	21.44	ppb
Cobalt	59-2	0.12	0.14	0.12	0.13	10.31	ppb
Copper	63-2	1.27	1.29	1.28	1.28	1.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				95		%
Indium	115-1				97		%
Indium	115-2				93		%
Iron	56-2	166.64	171.85	169.66	169.38	1.54	ppb
Iron	57-2	241.92	247.36	238.96	242.74	1.76	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-10	Instrumnet Name :	P7
Client Sample ID :	SW-CB-02-(0.3)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 13:24:51	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	166.28	164.62	165.19	165.36	0.51	ppb
Krypton	83-1						cps
Lead	206-1	0.30	0.28	0.29	0.29	5.11	ppb
Lead	207-1	0.25	0.28	0.26	0.27	6.22	ppb
Lead	208-1	0.29	0.28	0.27	0.28	2.05	ppb
Lithium	6-1				95		%
Magnesium	24-2	11055.24	10874.65	10888.81	10939.57	0.92	ppb
Manganese	55-2	115.14	114.87	115.56	115.19	0.30	ppb
Molybdenum	94-1	0.60	0.59	0.56	0.58	3.59	ppb
Molybdenum	95-1	0.78	0.67	0.74	0.73	7.60	ppb
Molybdenum	96-1	0.65	0.73	0.68	0.69	6.05	ppb
Molybdenum	97-1	0.68	0.74	0.71	0.71	4.63	ppb
Molybdenum	98-1	0.68	0.68	0.70	0.69	1.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.56	0.59	0.61	0.59	3.50	ppb
Phosphorus	31-2	115.58	78.33	61.87	85.26	32.27	ppb
Potassium	39-2	2929.01	2892.26	2941.82	2921.03	0.88	ppb
Rhodium	103-1				92		%
Rhodium	103-2				91		%
Scandium	45-1				91		%
Scandium	45-2				93		%
Selenium	82-1	0.17	-0.15	0.17	0.06	300.19	ppb
Selenium	77-2	0.00	0.38	0.76	0.38	100.48	ppb
Selenium	78-2	1.07	-0.64	-0.73	-0.10		ppb
Silicon	28-1	4513.55	4528.92	4546.36	4529.61	0.36	ppb
Silver	107-1	0.01	0.00	0.00	0.00	54.70	ppb
Silver	109-1	0.00	-0.01	0.01	0.00	1566.59	ppb
Sodium	23-2	48897.20	47747.26	47597.65	48080.70	1.48	ppb
Strontium	86-1	175.17	178.96	176.33	176.82	1.10	ppb
Strontium	88-1	176.36	178.92	178.55	177.94	0.78	ppb
Sulfur	34-1	14262.44	14173.59	13902.76	14112.93	1.33	ppb
Terbium	159-1				101		%
Terbium	159-2				95		%
Thallium	203-1	0.01	0.01	0.02	0.01	49.03	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	5.30	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-10	Instrumnet Name :	P7
Client Sample ID :	SW-CB-02-(0.3)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 13:24:51	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.00	0.00	0.00	45.93	ppb
Tin	118-1	0.00	-0.01	-0.04	-0.02		ppb
Titanium	47-1	1.54	1.73	1.80	1.69	7.76	ppb
Uranium	238-1	0.12	0.13	0.12	0.12	4.69	ppb
Vanadium	51-2	1.50	1.48	1.42	1.47	2.69	ppb
Yttrium	89-1				96		%
Yttrium	89-2				92		%
Zinc	66-2	24.88	24.00	24.49	24.46	1.79	ppb
Zirconium	90-1	0.03	0.06	0.03	0.04	44.46	ppb
Zirconium	91-1	0.02	0.07	0.01	0.03	101.42	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	CCV08	Instrumnet Name :	P7
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 13:57:25	DataFile Name :	075CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50834.63	50461.81	50481.83	50592.76	0.41	ppb
Antimony	121-1	499.00	489.08	510.79	499.62	2.18	ppb
Arsenic	75-2	527.85	521.63	524.77	524.75	0.59	ppb
Barium	135-1	2434.31	2436.35	2470.77	2447.14	0.84	ppb
Barium	137-1	2468.36	2434.38	2497.08	2466.61	1.27	ppb
Beryllium	9-1	497.13	495.99	512.52	501.88	1.84	ppb
Bismuth	209-1				89		%
Bismuth	209-2				83		%
Boron	10-1	470.12	485.83	515.86	490.60	4.74	ppb
Boron	11-1	482.65	497.68	527.52	502.62	4.54	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	519.31	511.62	523.62	518.18	1.17	ppb
Cadmium	106-1	525.22	514.60	517.33	519.05	1.06	ppb
Cadmium	108-1	508.91	510.42	529.00	516.11	2.17	ppb
Calcium	43-1	256328.13	255389.08	257245.38	256320.86	0.36	ppb
Calcium	44-1	243438.61	244010.13	244277.15	243908.63	0.18	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	482.69	483.38	479.40	481.82	0.44	ppb
Cobalt	59-2	496.90	500.22	494.33	497.15	0.59	ppb
Copper	63-2	4967.27	4987.71	4900.03	4951.67	0.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				90		%
Indium	115-1				89		%
Indium	115-2				84		%
Iron	56-2	124533.71	124400.24	124705.30	124546.42	0.12	ppb
Iron	57-2	125631.44	124657.88	124351.40	124880.24	0.54	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	CCV08	Instrumnet Name :	P7
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 13:57:25	DataFile Name :	075CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	124781.79	124021.36	123609.92	124137.69	0.48	ppb
Krypton	83-1						cps
Lead	206-1	2539.99	2500.36	2518.31	2519.55	0.79	ppb
Lead	207-1	2538.29	2536.04	2518.83	2531.05	0.42	ppb
Lead	208-1	2546.67	2529.11	2513.79	2529.86	0.65	ppb
Lithium	6-1				88		%
Magnesium	24-2	252984.79	250519.55	249346.63	250950.32	0.74	ppb
Manganese	55-2	5199.92	5182.07	5144.24	5175.41	0.55	ppb
Molybdenum	94-1	2445.66	2454.60	2472.48	2457.58	0.56	ppb
Molybdenum	95-1	2444.65	2447.03	2447.22	2446.30	0.06	ppb
Molybdenum	96-1	2435.02	2443.77	2456.87	2445.22	0.45	ppb
Molybdenum	97-1	2426.75	2435.59	2442.02	2434.79	0.31	ppb
Molybdenum	98-1	2439.56	2472.67	2452.07	2454.77	0.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	541.89	542.79	543.54	542.74	0.15	ppb
Phosphorus	31-2	10016.28	9821.20	9838.38	9891.95	1.09	ppb
Potassium	39-2	125472.68	124329.38	124209.26	124670.44	0.56	ppb
Rhodium	103-1				83		%
Rhodium	103-2				81		%
Scandium	45-1				87		%
Scandium	45-2				86		%
Selenium	82-1	492.23	502.17	497.78	497.40	1.00	ppb
Selenium	77-2	541.80	478.08	498.37	506.08	6.43	ppb
Selenium	78-2	518.48	519.76	519.21	519.15	0.12	ppb
Silicon	28-1	514.06	537.87	568.08	540.00	5.01	ppb
Silver	107-1	525.19	525.71	537.40	529.43	1.30	ppb
Silver	109-1	530.73	523.67	541.16	531.85	1.65	ppb
Sodium	23-2	249699.85	250606.69	248799.61	249702.05	0.36	ppb
Strontium	86-1	4854.51	4936.65	4858.00	4883.06	0.95	ppb
Strontium	88-1	4859.28	4912.50	4829.04	4866.94	0.87	ppb
Sulfur	34-1	10645.27	10388.01	11121.51	10718.26	3.47	ppb
Terbium	159-1				97		%
Terbium	159-2				90		%
Thallium	203-1	495.55	501.19	498.37	498.37	0.57	ppb
Thallium	205-1	506.52	502.04	506.59	505.05	0.52	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	CCV08	Instrumnet Name :	P7
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 13:57:25	DataFile Name :	075CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	500.69	508.45	503.00	504.05	0.79	ppb
Tin	118-1	484.64	477.46	483.50	481.87	0.80	ppb
Titanium	47-1	2422.40	2428.96	2460.87	2437.41	0.84	ppb
Uranium	238-1	495.19	502.91	491.56	496.56	1.17	ppb
Vanadium	51-2	486.11	484.59	481.64	484.11	0.47	ppb
Yttrium	89-1				91		%
Yttrium	89-2				86		%
Zinc	66-2	4874.88	4860.33	4832.14	4855.78	0.45	ppb
Zirconium	90-1	497.94	497.95	497.96	497.95	0.00	ppb
Zirconium	91-1	481.72	482.13	483.47	482.44	0.19	ppb

LB Number : LB116409 Operator : JASWAL
 Lab Sample ID : CCB08 Instrumnet Name : P7
 Client Sample ID : CCB08 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-21 14:05:40 DataFile Name : 076CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.17	0.23	0.25	0.21	19.89	ppb
Antimony	121-1	0.08	0.06	0.08	0.08	15.06	ppb
Arsenic	75-2	0.02	0.00	-0.01	0.00	848.66	ppb
Barium	135-1	0.00	0.00	0.00	0.00	2.62	ppb
Barium	137-1	0.02	0.00	0.02	0.01	59.00	ppb
Beryllium	9-1	0.03	0.02	0.01	0.02	74.12	ppb
Bismuth	209-1				96		%
Bismuth	209-2				91		%
Boron	10-1	4.38	4.81	4.74	4.64	4.90	ppb
Boron	11-1	5.45	4.81	5.32	5.20	6.54	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.05	-0.07	-0.05	-0.06		ppb
Cadmium	106-1	-2.22	-2.92	-2.10	-2.41		ppb
Cadmium	108-1	0.24	0.09	0.03	0.12	88.10	ppb
Calcium	43-1	-2.07	1.08	0.64	-0.12		ppb
Calcium	44-1	-3.98	-3.58	-4.67	-4.07		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	0.03	0.02	0.03	31.80	ppb
Cobalt	59-2	0.00	0.00	0.01	0.01	110.47	ppb
Copper	63-2	0.07	0.02	0.03	0.04	69.24	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				97		%
Holmium	165-2				93		%
Indium	115-1				97		%
Indium	115-2				93		%
Iron	56-2	0.85	0.91	0.98	0.91	6.99	ppb
Iron	57-2	0.25	-0.45	-0.74	-0.31		ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	CCB08	Instrumnet Name :	P7
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 14:05:40	DataFile Name :	076CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	0.76	1.25	3.13	1.71	72.86	ppb
Krypton	83-1						cps
Lead	206-1	0.19	0.21	0.20	0.20	4.32	ppb
Lead	207-1	0.23	0.22	0.19	0.21	9.06	ppb
Lead	208-1	0.20	0.22	0.21	0.21	3.95	ppb
Lithium	6-1				97		%
Magnesium	24-2	2.86	2.28	2.35	2.50	12.65	ppb
Manganese	55-2	0.02	0.02	0.04	0.02	48.41	ppb
Molybdenum	94-1	0.08	0.04	0.06	0.06	27.91	ppb
Molybdenum	95-1	0.06	0.04	0.02	0.04	56.28	ppb
Molybdenum	96-1	0.06	0.05	0.05	0.05	8.51	ppb
Molybdenum	97-1	0.02	0.05	0.04	0.04	37.07	ppb
Molybdenum	98-1	0.05	0.04	0.04	0.05	6.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.16	-0.13	-0.18	-0.16		ppb
Phosphorus	31-2	-55.59	-54.51	-76.34	-62.15		ppb
Potassium	39-2	14.84	8.44	0.33	7.87	92.40	ppb
Rhodium	103-1				93		%
Rhodium	103-2				93		%
Scandium	45-1				92		%
Scandium	45-2				94		%
Selenium	82-1	-0.59	-0.60	0.53	-0.22		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.80	-0.90	-0.67	-0.79		ppb
Silicon	28-1	-0.36	-3.18	-2.77	-2.10		ppb
Silver	107-1	0.01	0.01	0.00	0.01	87.40	ppb
Silver	109-1	0.02	0.00	0.00	0.00	223.82	ppb
Sodium	23-2	36.93	32.77	31.88	33.86	7.96	ppb
Strontium	86-1	-0.02	-0.10	-0.07	-0.06		ppb
Strontium	88-1	0.04	0.04	0.03	0.04	10.26	ppb
Sulfur	34-1	1013.38	600.70	703.57	772.55	27.81	ppb
Terbium	159-1				98		%
Terbium	159-2				93		%
Thallium	203-1	0.05	0.03	0.04	0.04	26.42	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	4.83	ppb

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	CCB08	Instrumnet Name :	P7
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 14:05:40	DataFile Name :	076CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.01	0.01	0.01	16.28	ppb
Tin	118-1	-0.06	-0.05	-0.06	-0.05		ppb
Titanium	47-1	0.03	0.01	-0.02	0.01	270.59	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	23.69	ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	92.18	ppb
Yttrium	89-1				95		%
Yttrium	89-2				93		%
Zinc	66-2	-0.25	-0.22	-0.17	-0.21		ppb
Zirconium	90-1	0.04	0.02	0.02	0.03	35.99	ppb
Zirconium	91-1	0.01	0.00	0.00	0.01	147.31	ppb

LB Number : LB116409 Operator : JASWAL
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-21 07:50:11 DataFile Name : 002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	58	117	92	32.78	cps
Antimony	121-1	92	125	108	108	15.38	cps
Arsenic	75-2	9	6	6	7	31.45	cps
Barium	135-1	42	0	42	28	86.60	cps
Barium	137-1	42	42	50	44	10.82	cps
Beryllium	9-1	67	28	50	48	40.52	cps
Bismuth	209-1	6729413	6802048	6704450	6745304	0.75	cps
Bismuth	209-2	4761021	4807771	4686596	4751796	1.29	cps
Boron	10-1	375	367	392	378	3.37	cps
Boron	11-1	1675	1967	1625	1756	10.51	cps
Bromine	81-1	6318	6710	5993	6340	5.66	cps
Bromine	81-2	70	70	20	53	54.13	cps
Cadmium	111-1	817	851	831	833	2.07	cps
Cadmium	106-1	4076	4184	4142	4134	1.32	cps
Cadmium	108-1	21	21	21	21	0.00	cps
Calcium	43-1	242	150	142	178	31.21	cps
Calcium	44-1	6727	6727	7235	6896	4.26	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	713	727	803	748	6.50	cps
Cobalt	59-2	40	30	57	42	31.91	cps
Copper	63-2	867	940	923	910	4.22	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	42	50	25	39	32.73	cps
Erbium	164-2	33	27	37	32	15.80	cps
Gadolinium	160-1	25	92	50	56	60.62	cps
Gadolinium	160-2	127	120	107	118	8.65	cps
Holmium	165-1	9684320	9685403	9597522	9655748	0.52	cps
Holmium	165-2	6244610	6218860	6223353	6228941	0.22	cps
Indium	115-1	6944057	6967282	6911973	6941104	0.40	cps
Indium	115-2	2040496	2036044	2093858	2056800	1.56	cps
Iron	56-2	4467	4351	4384	4401	1.37	cps
Iron	57-2	239	178	222	213	14.84	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 07:50:11	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	721	921	761	801	13.23	cps
Krypton	83-1	660	597	597	618	5.92	cps
Lead	206-1	511	472	539	507	6.60	cps
Lead	207-1	444	494	450	463	5.92	cps
Lead	208-1	2050	2089	2178	2106	3.11	cps
Lithium	6-1	2565216	2573051	2530313	2556193	0.89	cps
Magnesium	24-2	133	208	217	186	24.66	cps
Manganese	55-2	107	93	123	108	13.95	cps
Molybdenum	94-1	192	200	233	208	10.58	cps
Molybdenum	95-1	42	17	25	28	45.82	cps
Molybdenum	96-1	75	42	58	58	28.57	cps
Molybdenum	97-1	17	8	8	11	43.34	cps
Molybdenum	98-1	25	42	25	31	31.50	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	297	303	457	352	25.70	cps
Phosphorus	31-2	842	883	875	867	2.54	cps
Potassium	39-2	32353	33171	39111	34878	10.58	cps
Rhodium	103-1	6323923	6300163	6341237	6321775	0.33	cps
Rhodium	103-2	3769887	3776801	3845535	3797408	1.10	cps
Scandium	45-1	4012527	3967790	4034387	4004902	0.85	cps
Scandium	45-2	296520	294626	304814	298653	1.81	cps
Selenium	82-1	-40	-3	103	20	370.90	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	89	98	115	101	13.06	cps
Silicon	28-1	211284	206618	219237	212380	3.00	cps
Silver	107-1	308	158	125	197	49.52	cps
Silver	109-1	217	158	183	186	15.72	cps
Sodium	23-2	9095	8945	9587	9209	3.65	cps
Strontium	86-1	1125	1158	1133	1139	1.52	cps
Strontium	88-1	258	133	217	203	31.39	cps
Sulfur	34-1	336452	334699	343202	338118	1.33	cps
Terbium	159-1	9718093	9716254	9531412	9655253	1.11	cps
Terbium	159-2	6083976	6064791	6098755	6082508	0.28	cps
Thallium	203-1	100	117	92	103	12.39	cps
Thallium	205-1	217	267	167	217	23.08	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 07:50:11	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	122	172	167	154	17.83	cps
Tin	118-1	1083	1142	892	1039	12.59	cps
Titanium	47-1	83	50	50	61	31.50	cps
Uranium	238-1	25	0	0	8	173.21	cps
Vanadium	51-2	0	0	3	1	173.21	cps
Yttrium	89-1	11145596	10869636	10968475	10994569	1.27	cps
Yttrium	89-2	2440367	2437137	2520519	2466008	1.92	cps
Zinc	66-2	543	613	540	566	7.32	cps
Zirconium	90-1	500	525	625	550	12.03	cps
Zirconium	91-1	125	158	100	128	22.90	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 07:56:24	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3009	3075	3167	3084	2.58	cps
Antimony	121-1	15359	15142	15400	15300	0.91	cps
Arsenic	75-2	354	333	330	339	3.83	cps
Barium	135-1	19506	19080	19748	19445	1.74	cps
Barium	137-1	33123	33332	33725	33393	0.91	cps
Beryllium	9-1	1761	1745	1778	1761	0.95	cps
Bismuth	209-1	6902151	6872695	6928683	6901176	0.41	cps
Bismuth	209-2	4764423	4862515	4839333	4822090	1.06	cps
Boron	10-1	5426	5768	5726	5640	3.31	cps
Boron	11-1	25539	26056	26816	26137	2.46	cps
Bromine	81-1	6093	5985	6393	6157	3.44	cps
Bromine	81-2	40	60	20	40	50.00	cps
Cadmium	111-1	3232	3285	3072	3196	3.47	cps
Cadmium	106-1	5168	4884	4301	4784	9.24	cps
Cadmium	108-1	217	192	163	190	14.25	cps
Calcium	43-1	10829	11621	11305	11252	3.54	cps
Calcium	44-1	184807	184459	184571	184613	0.10	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7122	7269	6808	7066	3.33	cps
Cobalt	59-2	4961	5128	5168	5085	2.16	cps
Copper	63-2	7405	7605	8062	7691	4.38	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	108	67	67	81	29.86	cps
Erbium	164-2	57	33	57	49	27.56	cps
Gadolinium	160-1	67	17	67	50	57.73	cps
Gadolinium	160-2	123	123	140	129	7.46	cps
Holmium	165-1	9832149	9741612	10007007	9860256	1.37	cps
Holmium	165-2	6271056	6361943	6337290	6323430	0.74	cps
Indium	115-1	6999912	7046306	7062046	7036088	0.46	cps
Indium	115-2	2061539	2065379	2071539	2066152	0.24	cps
Iron	56-2	149956	149394	147850	149067	0.73	cps
Iron	57-2	3717	3695	3995	3802	4.40	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 07:56:24	DataFile Name :	004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	8672	9263	8661	8865	3.88	cps
Krypton	83-1	653	573	547	591	9.39	cps
Lead	206-1	7769	8119	8303	8064	3.36	cps
Lead	207-1	6835	7235	7402	7158	4.07	cps
Lead	208-1	32255	32649	33350	32752	1.69	cps
Lithium	6-1	2577677	2589683	2603015	2590125	0.49	cps
Magnesium	24-2	150902	150742	149143	150262	0.65	cps
Manganese	55-2	2420	2327	2407	2385	2.12	cps
Molybdenum	94-1	15575	15058	15409	15347	1.72	cps
Molybdenum	95-1	19155	19389	18971	19172	1.09	cps
Molybdenum	96-1	21709	21508	21383	21533	0.76	cps
Molybdenum	97-1	11288	11455	11597	11447	1.35	cps
Molybdenum	98-1	30408	29974	31285	30556	2.19	cps
Neodymium	150-1	20	0	0	7	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1590	1693	1657	1647	3.18	cps
Phosphorus	31-2	1117	917	1033	1022	9.83	cps
Potassium	39-2	174723	175013	170721	173486	1.38	cps
Rhodium	103-1	6426807	6395306	6429247	6417120	0.30	cps
Rhodium	103-2	3832034	3820626	3849577	3834079	0.38	cps
Scandium	45-1	4026592	4015215	4038803	4026870	0.29	cps
Scandium	45-2	299845	299087	299545	299492	0.13	cps
Selenium	82-1	548	730	693	657	14.67	cps
Selenium	77-2	50	53	23	42	38.95	cps
Selenium	78-2	278	296	257	277	7.02	cps
Silicon	28-1	258390	253273	251364	254342	1.43	cps
Silver	107-1	9562	10212	10446	10073	4.55	cps
Silver	109-1	9562	10304	9620	9829	4.20	cps
Sodium	23-2	266204	267911	268073	267396	0.39	cps
Strontium	86-1	3400	3801	3300	3501	7.56	cps
Strontium	88-1	23002	22860	21909	22590	2.63	cps
Sulfur	34-1	349621	343228	339579	344143	1.48	cps
Terbium	159-1	9887058	9782152	9993574	9887595	1.07	cps
Terbium	159-2	6127778	6156234	6154537	6146183	0.26	cps
Thallium	203-1	9212	9312	9720	9415	2.86	cps
Thallium	205-1	22286	21969	21944	22066	0.86	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 07:56:24	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	150	122	178	150	18.52	cps
Tin	118-1	33382	34134	33424	33646	1.26	cps
Titanium	47-1	5134	4743	5051	4976	4.15	cps
Uranium	238-1	30937	30929	30795	30887	0.26	cps
Vanadium	51-2	12772	13066	13039	12959	1.25	cps
Yttrium	89-1	10902191	11033454	11209174	11048273	1.39	cps
Yttrium	89-2	2478431	2477016	2476249	2477232	0.04	cps
Zinc	66-2	1983	2030	1903	1972	3.25	cps
Zirconium	90-1	12706	12289	13382	12792	4.31	cps
Zirconium	91-1	2942	2834	2792	2856	2.71	cps

LB Number : LB116409 Operator : JASWAL
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-21 07:59:30 DataFile Name : 005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	149505	147250	147410	148055	0.85	cps
Antimony	121-1	400530	394148	398529	397735	0.82	cps
Arsenic	75-2	16684	16452	17006	16714	1.67	cps
Barium	135-1	484587	488002	482757	485115	0.55	cps
Barium	137-1	849363	853328	845614	849435	0.45	cps
Beryllium	9-1	87025	86008	86360	86465	0.60	cps
Bismuth	209-1	6920452	6903534	6851661	6891883	0.52	cps
Bismuth	209-2	4747069	4778438	4697247	4740918	0.86	cps
Boron	10-1	10404	12339	11013	11252	8.79	cps
Boron	11-1	49966	51772	52834	51524	2.81	cps
Bromine	81-1	6168	6051	5801	6007	3.12	cps
Bromine	81-2	20	40	40	33	34.64	cps
Cadmium	111-1	102021	103376	101277	102225	1.04	cps
Cadmium	106-1	16527	16477	15400	16135	3.94	cps
Cadmium	108-1	7977	8061	7748	7929	2.04	cps
Calcium	43-1	115783	115707	118008	116499	1.12	cps
Calcium	44-1	1835073	1842088	1850215	1842459	0.41	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	156678	153673	152057	154136	1.52	cps
Cobalt	59-2	246399	242527	246516	245147	0.93	cps
Copper	63-2	1784395	1733747	1762988	1760377	1.44	cps
Dysprosium	156-1	42	8	33	28	62.46	cps
Dysprosium	156-2	3	30	17	17	80.01	cps
Erbium	164-1	125	58	75	86	40.29	cps
Erbium	164-2	40	57	73	57	29.41	cps
Gadolinium	160-1	67	67	117	83	34.64	cps
Gadolinium	160-2	120	97	150	122	21.87	cps
Holmium	165-1	9713075	9737172	9738769	9729672	0.15	cps
Holmium	165-2	6264181	6258463	6182470	6235038	0.73	cps
Indium	115-1	6883690	6922126	6853699	6886505	0.50	cps
Indium	115-2	2021158	2010116	2019053	2016776	0.29	cps
Iron	56-2	6803662	6626087	6779629	6736459	1.43	cps
Iron	57-2	176669	172347	176440	175152	1.39	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 07:59:30	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	397029	390308	385142	390827	1.53	cps
Krypton	83-1	630	577	680	629	8.22	cps
Lead	206-1	1932154	1972559	1928073	1944262	1.26	cps
Lead	207-1	1692831	1706747	1670083	1689887	1.10	cps
Lead	208-1	7775396	7881465	7733396	7796752	0.98	cps
Lithium	6-1	2577325	2588604	2529152	2565027	1.23	cps
Magnesium	24-2	1557755	1538505	1544173	1546811	0.64	cps
Manganese	55-2	1078838	1065733	1066317	1070296	0.69	cps
Molybdenum	94-1	776245	770453	777342	774680	0.48	cps
Molybdenum	95-1	946114	938598	949946	944886	0.61	cps
Molybdenum	96-1	1051609	1044763	1050774	1049049	0.36	cps
Molybdenum	97-1	590834	588698	595954	591828	0.63	cps
Molybdenum	98-1	1533964	1527740	1524595	1528766	0.31	cps
Neodymium	150-1	40	60	67	56	24.98	cps
Neodymium	150-2	17	17	7	13	43.29	cps
Nickel	60-2	64819	63982	65378	64726	1.09	cps
Phosphorus	31-2	7719	7219	7769	7569	4.02	cps
Potassium	39-2	770540	752796	756387	759908	1.23	cps
Rhodium	103-1	6388922	6340317	6250440	6326560	1.11	cps
Rhodium	103-2	3707618	3696442	3702767	3702276	0.15	cps
Scandium	45-1	4027502	3959220	3981885	3989536	0.87	cps
Scandium	45-2	294122	289939	287903	290655	1.09	cps
Selenium	82-1	6424	6537	6485	6482	0.88	cps
Selenium	77-2	520	503	423	482	10.72	cps
Selenium	78-2	1730	1778	1691	1733	2.52	cps
Silicon	28-1	461818	458717	474457	464997	1.79	cps
Silver	107-1	509774	514056	509234	511021	0.52	cps
Silver	109-1	488100	496783	491631	492171	0.89	cps
Sodium	23-2	2586763	2567964	2593497	2582741	0.51	cps
Strontium	86-1	1186942	1192014	1197676	1192211	0.45	cps
Strontium	88-1	10238770	10092131	10113162	10148021	0.78	cps
Sulfur	34-1	388029	376678	387374	384027	1.66	cps
Terbium	159-1	9798627	9937731	9795022	9843793	0.83	cps
Terbium	159-2	6054662	6116340	6020404	6063802	0.80	cps
Thallium	203-1	471689	477812	470259	473253	0.85	cps
Thallium	205-1	1132478	1156037	1135109	1141208	1.13	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 07:59:30	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	1657591	1677024	1654890	1663168	0.73	cps
Tin	118-1	338551	339502	339439	339164	0.16	cps
Titanium	47-1	251586	249950	251543	251026	0.37	cps
Uranium	238-1	1603878	1617763	1620543	1614061	0.55	cps
Vanadium	51-2	127801	126063	125733	126532	0.88	cps
Yttrium	89-1	11130435	11009637	11025548	11055207	0.59	cps
Yttrium	89-2	2384779	2370977	2411702	2389153	0.87	cps
Zinc	66-2	288976	285962	287732	287557	0.53	cps
Zirconium	90-1	651772	650085	650330	650729	0.14	cps
Zirconium	91-1	144816	143310	146888	145005	1.24	cps

LB Number : LB116409 Operator : JASWAL
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-21 08:02:36 DataFile Name : 006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	349339	349807	350401	349849	0.15	cps
Antimony	121-1	970467	984901	983569	979646	0.81	cps
Arsenic	75-2	40278	39899	39273	39817	1.27	cps
Barium	135-1	1168082	1182088	1179663	1176611	0.64	cps
Barium	137-1	2057177	2071454	2048862	2059164	0.55	cps
Beryllium	9-1	207580	209742	208058	208460	0.54	cps
Bismuth	209-1	6871852	6921002	6792852	6861902	0.94	cps
Bismuth	209-2	4682669	4674201	4684000	4680290	0.11	cps
Boron	10-1	25622	27208	27033	26621	3.27	cps
Boron	11-1	120450	122810	125323	122861	1.98	cps
Bromine	81-1	6118	5901	5668	5896	3.82	cps
Bromine	81-2	40	30	30	33	17.32	cps
Cadmium	111-1	246988	248751	248550	248097	0.39	cps
Cadmium	106-1	31778	32814	32254	32282	1.61	cps
Cadmium	108-1	19897	19497	19793	19729	1.05	cps
Calcium	43-1	274485	274375	276191	275017	0.37	cps
Calcium	44-1	4367937	4383687	4353181	4368268	0.35	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	367282	370154	363786	367074	0.87	cps
Cobalt	59-2	591331	584336	584561	586743	0.68	cps
Copper	63-2	4184175	4162760	4140750	4162562	0.52	cps
Dysprosium	156-1	92	75	83	83	10.00	cps
Dysprosium	156-2	67	93	30	63	50.21	cps
Erbium	164-1	50	117	50	72	53.30	cps
Erbium	164-2	60	57	47	54	12.74	cps
Gadolinium	160-1	167	100	117	128	27.15	cps
Gadolinium	160-2	153	150	120	141	13.01	cps
Holmium	165-1	9826190	9632134	9715343	9724556	1.00	cps
Holmium	165-2	6179195	6156129	6174751	6170025	0.20	cps
Indium	115-1	6687415	6848183	6669702	6735100	1.46	cps
Indium	115-2	1957087	1948863	1932492	1946147	0.64	cps
Iron	56-2	16157777	16071070	15938965	16055937	0.69	cps
Iron	57-2	422166	418264	414743	418391	0.89	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 08:02:36	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	939421	955380	923709	939503	1.69	cps
Krypton	83-1	640	610	677	642	5.20	cps
Lead	206-1	4835407	4805300	4795692	4812133	0.43	cps
Lead	207-1	4209983	4235724	4189080	4211596	0.55	cps
Lead	208-1	19281580	19375056	19154992	19270543	0.57	cps
Lithium	6-1	2526028	2489884	2471658	2495857	1.11	cps
Magnesium	24-2	3716726	3666774	3652428	3678643	0.92	cps
Manganese	55-2	2563441	2565704	2554924	2561356	0.22	cps
Molybdenum	94-1	1856662	1875149	1864897	1865569	0.50	cps
Molybdenum	95-1	2281167	2297081	2284561	2287603	0.37	cps
Molybdenum	96-1	2548528	2553122	2535468	2545706	0.36	cps
Molybdenum	97-1	1442581	1441687	1436682	1440317	0.22	cps
Molybdenum	98-1	3700920	3739743	3702635	3714433	0.59	cps
Neodymium	150-1	113	73	153	113	35.29	cps
Neodymium	150-2	37	40	13	30	48.44	cps
Nickel	60-2	152173	151798	149691	151221	0.88	cps
Phosphorus	31-2	16777	17536	17469	17260	2.44	cps
Potassium	39-2	1765957	1753065	1733971	1750998	0.92	cps
Rhodium	103-1	6120237	6198627	6161986	6160283	0.64	cps
Rhodium	103-2	3593910	3590209	3547929	3577349	0.71	cps
Scandium	45-1	3837895	3835534	3811265	3828232	0.39	cps
Scandium	45-2	278837	278981	278376	278731	0.11	cps
Selenium	82-1	15669	15611	15572	15617	0.31	cps
Selenium	77-2	1047	1243	1077	1122	9.44	cps
Selenium	78-2	3865	3860	3952	3893	1.33	cps
Silicon	28-1	801423	849349	856168	835646	3.57	cps
Silver	107-1	1234401	1246258	1249034	1243231	0.63	cps
Silver	109-1	1184886	1184560	1181775	1183741	0.14	cps
Sodium	23-2	6187789	6114965	6065839	6122864	1.00	cps
Strontium	86-1	2862971	2897720	2873955	2878216	0.62	cps
Strontium	88-1	24393887	24704230	24440855	24512991	0.68	cps
Sulfur	34-1	417871	420677	421272	419940	0.43	cps
Terbium	159-1	9845676	9749122	9658795	9751197	0.96	cps
Terbium	159-2	6020847	5987871	5988462	5999060	0.31	cps
Thallium	203-1	1168950	1170868	1164751	1168190	0.27	cps
Thallium	205-1	2829740	2865161	2831444	2842115	0.70	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 08:02:36	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	4149570	4196888	4156438	4167632	0.61	cps
Tin	118-1	826112	830853	823389	826785	0.46	cps
Titanium	47-1	597894	595311	598015	597073	0.26	cps
Uranium	238-1	4068336	4094915	4033065	4065439	0.76	cps
Vanadium	51-2	302998	303431	299074	301835	0.80	cps
Yttrium	89-1	10692221	10712794	10578498	10661171	0.68	cps
Yttrium	89-2	2335425	2331700	2303687	2323604	0.75	cps
Zinc	66-2	686287	678241	678583	681037	0.67	cps
Zirconium	90-1	1555166	1565973	1553539	1558226	0.43	cps
Zirconium	91-1	348038	355344	348597	350660	1.16	cps

LB Number : LB116409 Operator : JASWAL
 Lab Sample ID : S5 Instrumnet Name : P7
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-21 08:05:41 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	664672	665391	661458	663841	0.32	cps
Antimony	121-1	1870938	1882617	1887815	1880456	0.46	cps
Arsenic	75-2	73988	73147	72247	73127	1.19	cps
Barium	135-1	2276868	2279152	2303481	2286500	0.65	cps
Barium	137-1	3974932	3996181	3988299	3986471	0.27	cps
Beryllium	9-1	394212	392804	388852	391956	0.71	cps
Bismuth	209-1	6834778	6794141	6769319	6799413	0.49	cps
Bismuth	209-2	4511259	4472482	4474829	4486190	0.48	cps
Boron	10-1	49431	51095	51287	50604	2.02	cps
Boron	11-1	227278	234011	238026	233105	2.33	cps
Bromine	81-1	5159	5785	5551	5498	5.75	cps
Bromine	81-2	40	20	50	37	41.66	cps
Cadmium	111-1	472312	473686	467267	471088	0.72	cps
Cadmium	106-1	58178	57743	57818	57913	0.40	cps
Cadmium	108-1	37666	36810	37048	37175	1.19	cps
Calcium	43-1	518837	519153	510825	516272	0.91	cps
Calcium	44-1	7680986	7745986	7600953	7675975	0.95	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	673256	665564	664145	667655	0.73	cps
Cobalt	59-2	1075740	1059319	1053956	1063005	1.07	cps
Copper	63-2	7532217	7504696	7368504	7468472	1.17	cps
Dysprosium	156-1	158	175	150	161	7.90	cps
Dysprosium	156-2	120	127	100	116	12.01	cps
Erbium	164-1	125	125	167	139	17.32	cps
Erbium	164-2	60	63	47	57	15.56	cps
Gadolinium	160-1	233	192	158	194	19.32	cps
Gadolinium	160-2	183	173	177	178	2.86	cps
Holmium	165-1	9695798	9642909	9515989	9618232	0.96	cps
Holmium	165-2	5966798	5904489	5927655	5932981	0.53	cps
Indium	115-1	6487994	6460747	6525505	6491416	0.50	cps
Indium	115-2	1826824	1810331	1816025	1817726	0.46	cps
Iron	56-2	29607477	29703508	29372974	29561320	0.58	cps
Iron	57-2	776962	773318	765465	771915	0.76	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 08:05:41	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1718058	1711510	1703563	1711044	0.42	cps
Krypton	83-1	633	597	597	609	3.48	cps
Lead	206-1	9244340	9480220	9477077	9400545	1.44	cps
Lead	207-1	8297261	8321947	8340211	8319806	0.26	cps
Lead	208-1	37574153	38233655	37990133	37932647	0.88	cps
Lithium	6-1	2450569	2398330	2382557	2410485	1.48	cps
Magnesium	24-2	6719585	6648803	6590310	6652899	0.97	cps
Manganese	55-2	4724437	4715814	4676018	4705423	0.55	cps
Molybdenum	94-1	3547881	3605288	3552422	3568530	0.89	cps
Molybdenum	95-1	4362410	4367990	4335946	4355449	0.39	cps
Molybdenum	96-1	4853835	4861070	4814758	4843221	0.51	cps
Molybdenum	97-1	2738832	2739703	2719988	2732841	0.41	cps
Molybdenum	98-1	6908636	6870198	6800353	6859729	0.80	cps
Neodymium	150-1	233	220	307	253	18.42	cps
Neodymium	150-2	67	67	90	74	18.09	cps
Nickel	60-2	277854	274252	272844	274983	0.94	cps
Phosphorus	31-2	29830	29405	31091	30109	2.91	cps
Potassium	39-2	3179719	3137906	3104224	3140616	1.20	cps
Rhodium	103-1	5965047	5905414	5857117	5909193	0.91	cps
Rhodium	103-2	3340484	3305141	3310891	3318839	0.57	cps
Scandium	45-1	3655449	3617480	3610589	3627839	0.67	cps
Scandium	45-2	260006	255699	256920	257542	0.86	cps
Selenium	82-1	29511	29478	29683	29557	0.37	cps
Selenium	77-2	2074	2187	2124	2128	2.67	cps
Selenium	78-2	7348	7354	7359	7354	0.08	cps
Silicon	28-1	1374321	1440981	1481064	1432122	3.77	cps
Silver	107-1	2364549	2347917	2344147	2352204	0.46	cps
Silver	109-1	2262778	2257514	2252490	2257594	0.23	cps
Sodium	23-2	11327959	11302947	11301420	11310775	0.13	cps
Strontium	86-1	5495484	5462135	5440362	5465994	0.51	cps
Strontium	88-1	46912742	46607501	46156848	46559030	0.82	cps
Sulfur	34-1	472492	468112	467187	469264	0.60	cps
Terbium	159-1	9655509	9475560	9583075	9571381	0.95	cps
Terbium	159-2	5782800	5727165	5757760	5755908	0.48	cps
Thallium	203-1	2308146	2314563	2306300	2309670	0.19	cps
Thallium	205-1	5547700	5658366	5615021	5607029	0.99	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 08:05:41	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	8370716	8424315	8413423	8402818	0.34	cps
Tin	118-1	1591744	1591997	1588858	1590866	0.11	cps
Titanium	47-1	1126481	1128684	1108095	1121086	1.01	cps
Uranium	238-1	7964521	8013821	8004373	7994238	0.33	cps
Vanadium	51-2	555014	556364	544836	552071	1.14	cps
Yttrium	89-1	10388368	10119010	10342103	10283160	1.40	cps
Yttrium	89-2	2186120	2149495	2158247	2164621	0.88	cps
Zinc	66-2	1249693	1246632	1231082	1242469	0.80	cps
Zirconium	90-1	2969914	2993096	2973153	2978721	0.42	cps
Zirconium	91-1	662320	664724	670738	665927	0.65	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 08:08:43	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1170328	1173156	1160166	1167883	0.58	cps
Antimony	121-1	3463974	3519110	3481617	3488234	0.81	cps
Arsenic	75-2	135369	133857	134193	134473	0.59	cps
Barium	135-1	4257964	4255013	4232336	4248438	0.33	cps
Barium	137-1	7262025	7260417	7241348	7254597	0.16	cps
Beryllium	9-1	712844	707782	693329	704652	1.44	cps
Bismuth	209-1	6516890	6459147	6460374	6478804	0.51	cps
Bismuth	209-2	4281989	4297585	4308722	4296099	0.31	cps
Boron	10-1	92322	91484	93202	92336	0.93	cps
Boron	11-1	426276	419245	428734	424752	1.16	cps
Bromine	81-1	5184	4359	4943	4829	8.79	cps
Bromine	81-2	20	50	20	30	57.74	cps
Cadmium	111-1	876718	866644	866643	870002	0.67	cps
Cadmium	106-1	106153	102149	101931	103411	2.30	cps
Cadmium	108-1	68908	69092	69891	69297	0.75	cps
Calcium	43-1	924285	931559	917849	924564	0.74	cps
Calcium	44-1	13627669	13732033	13527069	13628924	0.75	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1232804	1226274	1225799	1228292	0.32	cps
Cobalt	59-2	1954755	1939570	1941693	1945339	0.42	cps
Copper	63-2	13801620	13594989	13542978	13646529	1.00	cps
Dysprosium	156-1	308	292	258	286	8.90	cps
Dysprosium	156-2	203	177	230	203	13.11	cps
Erbium	164-1	142	100	83	108	27.73	cps
Erbium	164-2	70	87	110	89	22.60	cps
Gadolinium	160-1	442	333	292	356	21.78	cps
Gadolinium	160-2	273	243	207	241	13.85	cps
Holmium	165-1	9244337	9166835	9112552	9174575	0.72	cps
Holmium	165-2	5685878	5697312	5718518	5700569	0.29	cps
Indium	115-1	6189551	6190342	6076044	6151979	1.07	cps
Indium	115-2	1704779	1700855	1700798	1702144	0.13	cps
Iron	56-2	55166978	54351766	54284082	54600942	0.90	cps
Iron	57-2	1423620	1409830	1399753	1411068	0.85	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 08:08:43	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	3166316	3148720	3138273	3151103	0.45	cps
Krypton	83-1	463	433	453	450	3.40	cps
Lead	206-1	18338559	18089347	18154419	18194109	0.71	cps
Lead	207-1	16060018	15925292	15941255	15975522	0.46	cps
Lead	208-1	73457717	72604302	72929995	72997338	0.59	cps
Lithium	6-1	2208666	2181038	2145725	2178476	1.45	cps
Magnesium	24-2	12348299	12326461	12150589	12275117	0.88	cps
Manganese	55-2	8582244	8611682	8495418	8563115	0.71	cps
Molybdenum	94-1	6303064	6394904	6360031	6352666	0.73	cps
Molybdenum	95-1	7785042	7825272	7737332	7782548	0.57	cps
Molybdenum	96-1	8596356	8663628	8589228	8616404	0.48	cps
Molybdenum	97-1	4987171	5024795	4978682	4996883	0.49	cps
Molybdenum	98-1	12521639	12578983	12562830	12554484	0.24	cps
Neodymium	150-1	593	313	407	438	32.57	cps
Neodymium	150-2	110	130	103	114	12.13	cps
Nickel	60-2	499672	492928	492846	495149	0.79	cps
Phosphorus	31-2	55077	53856	53847	54260	1.30	cps
Potassium	39-2	5382686	5305953	5310254	5332964	0.81	cps
Rhodium	103-1	5366893	5340513	5284420	5330609	0.79	cps
Rhodium	103-2	3092606	3094024	3083974	3090201	0.18	cps
Scandium	45-1	3246789	3271219	3203451	3240487	1.06	cps
Scandium	45-2	239991	238585	239551	239376	0.30	cps
Selenium	82-1	55590	53317	53663	54190	2.26	cps
Selenium	77-2	4057	4087	4087	4077	0.42	cps
Selenium	78-2	13210	13264	12978	13150	1.15	cps
Silicon	28-1	2274291	2416392	2474724	2388469	4.32	cps
Silver	107-1	4290949	4294281	4252724	4279318	0.54	cps
Silver	109-1	4092064	4095949	4068443	4085485	0.36	cps
Sodium	23-2	20778383	20757772	20906521	20814225	0.39	cps
Strontium	86-1	9869695	9781176	9748597	9799823	0.64	cps
Strontium	88-1	85267637	84964248	84348189	84860025	0.55	cps
Sulfur	34-1	566859	567757	559136	564584	0.84	cps
Terbium	159-1	9126510	9033602	9052668	9070927	0.54	cps
Terbium	159-2	5532994	5554592	5479591	5522392	0.70	cps
Thallium	203-1	4480612	4425969	4448508	4451696	0.62	cps
Thallium	205-1	10628875	10522836	10597687	10583133	0.51	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 08:08:43	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	16276599	16341085	16315702	16311129	0.20	cps
Tin	118-1	2968196	2950627	2947887	2955570	0.37	cps
Titanium	47-1	1998270	2014488	1987848	2000202	0.67	cps
Uranium	238-1	15682742	15785397	15830042	15766060	0.48	cps
Vanadium	51-2	1020512	1009630	1011422	1013854	0.58	cps
Yttrium	89-1	9438010	9401640	9242011	9360554	1.11	cps
Yttrium	89-2	2033838	2039632	2015325	2029598	0.63	cps
Zinc	66-2	2284407	2283991	2263851	2277416	0.52	cps
Zirconium	90-1	5373888	5479910	5401793	5418530	1.01	cps
Zirconium	91-1	1215177	1218534	1206235	1213315	0.52	cps

LB Number : LB116409 Operator : JASWAL
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-21 08:11:43 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2282738	2307841	2306225	2298934	0.61	cps
Antimony	121-1	6707297	6745327	6814073	6755566	0.80	cps
Arsenic	75-2	263416	263884	264572	263958	0.22	cps
Barium	135-1	8304950	8282067	8285230	8290749	0.15	cps
Barium	137-1	14384184	14504291	14514472	14467649	0.50	cps
Beryllium	9-1	1346622	1359170	1342068	1349287	0.66	cps
Bismuth	209-1	6249061	6297608	6291459	6279376	0.42	cps
Bismuth	209-2	4190348	4239856	4180245	4203483	0.76	cps
Boron	10-1	175632	181687	187406	181575	3.24	cps
Boron	11-1	789799	828203	841697	819900	3.28	cps
Bromine	81-1	4584	4918	4843	4781	3.66	cps
Bromine	81-2	60	30	60	50	34.64	cps
Cadmium	111-1	1668400	1677174	1682149	1675908	0.42	cps
Cadmium	106-1	195302	197669	195683	196218	0.65	cps
Cadmium	108-1	133612	133667	134083	133788	0.19	cps
Calcium	43-1	1790247	1787206	1769782	1782411	0.62	cps
Calcium	44-1	26731413	26570948	26400479	26567613	0.62	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2394913	2402558	2410382	2402618	0.32	cps
Cobalt	59-2	3762477	3808573	3789090	3786713	0.61	cps
Copper	63-2	26088659	26339947	26441773	26290126	0.69	cps
Dysprosium	156-1	500	467	567	511	9.96	cps
Dysprosium	156-2	297	370	310	326	12.00	cps
Erbium	164-1	92	175	217	161	39.51	cps
Erbium	164-2	137	70	123	110	32.07	cps
Gadolinium	160-1	350	417	383	383	8.69	cps
Gadolinium	160-2	317	337	380	344	9.40	cps
Holmium	165-1	9070800	9082470	9101153	9084808	0.17	cps
Holmium	165-2	5627899	5691896	5615476	5645090	0.73	cps
Indium	115-1	5842290	5865658	5834758	5847569	0.28	cps
Indium	115-2	1624059	1633998	1630262	1629440	0.31	cps
Iron	56-2	107486030	107400700	107255894	107380875	0.11	cps
Iron	57-2	2758811	2784705	2764038	2769185	0.49	cps

LB Number : LB116409 Operator : JASWAL
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-21 08:11:43 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	5908863	5929522	5862346	5900243	0.58	cps
Krypton	83-1	463	460	387	437	9.92	cps
Lead	206-1	36796566	36507431	36485192	36596397	0.47	cps
Lead	207-1	32367885	32221118	31782701	32123901	0.95	cps
Lead	208-1	147275178	147276318	146587887	147046461	0.27	cps
Lithium	6-1	2096183	2087328	2078079	2087197	0.43	cps
Magnesium	24-2	24061690	24355287	24372230	24263069	0.72	cps
Manganese	55-2	16909211	16890266	16694235	16831237	0.71	cps
Molybdenum	94-1	12510460	12389933	12458919	12453104	0.49	cps
Molybdenum	95-1	15290211	15211325	15297958	15266498	0.31	cps
Molybdenum	96-1	17029251	16971129	16854139	16951506	0.53	cps
Molybdenum	97-1	9521335	9616537	9505656	9547843	0.63	cps
Molybdenum	98-1	24611300	24823680	24591101	24675360	0.52	cps
Neodymium	150-1	687	587	713	662	10.08	cps
Neodymium	150-2	97	93	97	96	2.02	cps
Nickel	60-2	953674	963812	955850	957779	0.56	cps
Phosphorus	31-2	106158	106569	105731	106153	0.39	cps
Potassium	39-2	10393021	10478903	10499187	10457037	0.54	cps
Rhodium	103-1	5009595	5030518	4954096	4998070	0.79	cps
Rhodium	103-2	2962109	2982747	2968713	2971190	0.35	cps
Scandium	45-1	3085283	3085338	3063253	3077958	0.41	cps
Scandium	45-2	230229	230331	232572	231044	0.57	cps
Selenium	82-1	102904	103221	104178	103434	0.64	cps
Selenium	77-2	7612	7745	7469	7609	1.82	cps
Selenium	78-2	25803	26172	25365	25780	1.57	cps
Silicon	28-1	3761007	3829197	3885990	3825398	1.64	cps
Silver	107-1	7989842	7985569	8006554	7993989	0.14	cps
Silver	109-1	7690624	7646600	7738159	7691794	0.60	cps
Sodium	23-2	41073241	41424947	41391242	41296476	0.47	cps
Strontium	86-1	19481499	19665145	19109649	19418764	1.46	cps
Strontium	88-1	167768770	169031670	169920750	168907063	0.64	cps
Sulfur	34-1	825934	822057	822867	823619	0.25	cps
Terbium	159-1	8983270	9003787	8849073	8945377	0.94	cps
Terbium	159-2	5427212	5465874	5425997	5439694	0.42	cps
Thallium	203-1	8741112	8791780	8750986	8761293	0.31	cps
Thallium	205-1	21128240	21212090	21139776	21160035	0.21	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 08:11:43	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	33188610	33466599	33638335	33431181	0.68	cps
Tin	118-1	5831663	5824752	5836092	5830836	0.10	cps
Titanium	47-1	3879395	3880121	3880643	3880053	0.02	cps
Uranium	238-1	31703678	32195955	32310434	32070022	1.01	cps
Vanadium	51-2	1980848	2007530	2011430	1999936	0.83	cps
Yttrium	89-1	9159409	9099140	9094902	9117817	0.40	cps
Yttrium	89-2	1981265	1982246	1988891	1984134	0.21	cps
Zinc	66-2	4431788	4474994	4444471	4450418	0.50	cps
Zirconium	90-1	10397718	10434786	10376762	10403089	0.28	cps
Zirconium	91-1	2378960	2380582	2372260	2377267	0.19	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 08:14:41	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11714447	11940850	12143554	11932950	1.80	cps
Antimony	121-1	4042	3684	3926	3884	4.71	cps
Arsenic	75-2	93	128	102	107	16.98	cps
Barium	135-1	3209	3259	3250	3239	0.83	cps
Barium	137-1	5343	5676	5668	5562	3.42	cps
Beryllium	9-1	306	222	178	235	27.58	cps
Bismuth	209-1	5804005	5759488	5786464	5783319	0.39	cps
Bismuth	209-2	3887065	3911263	3960524	3919618	0.96	cps
Boron	10-1	5701	5243	4584	5176	10.85	cps
Boron	11-1	27350	24562	21891	24601	11.10	cps
Bromine	81-1	4301	4292	4476	4356	2.38	cps
Bromine	81-2	80	110	50	80	37.50	cps
Cadmium	111-1	1210	1317	1073	1200	10.20	cps
Cadmium	106-1	3967	3726	3534	3742	5.80	cps
Cadmium	108-1	179	183	192	185	3.45	cps
Calcium	43-1	8172278	8288323	8460295	8306965	1.74	cps
Calcium	44-1	132193220	135026641	135667132	134295664	1.38	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8563	8936	8893	8797	2.32	cps
Cobalt	59-2	9947	10334	10104	10128	1.92	cps
Copper	63-2	6915	7279	7342	7178	3.21	cps
Dysprosium	156-1	1442	1475	1242	1386	9.10	cps
Dysprosium	156-2	767	900	1007	891	13.49	cps
Erbium	164-1	250	325	250	275	15.75	cps
Erbium	164-2	200	157	157	171	14.62	cps
Gadolinium	160-1	1458	1358	1483	1433	4.61	cps
Gadolinium	160-2	1253	1027	1170	1150	9.97	cps
Holmium	165-1	8980348	8942829	8861066	8928081	0.68	cps
Holmium	165-2	5599799	5714340	5782157	5698765	1.62	cps
Indium	115-1	5763991	5755642	5824353	5781329	0.65	cps
Indium	115-2	1675102	1709288	1750731	1711707	2.21	cps
Iron	56-2	552804801	568212079	581486724	567501202	2.53	cps
Iron	57-2	13912105	14306715	14468590	14229136	2.01	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 08:14:41	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	30132003	30876283	31381037	30796441	2.04	cps
Krypton	83-1	543	540	627	570	8.61	cps
Lead	206-1	11116	10554	10510	10727	3.15	cps
Lead	207-1	10015	9815	9342	9724	3.55	cps
Lead	208-1	44741	43067	42922	43577	2.32	cps
Lithium	6-1	2062028	2080134	2124450	2088871	1.54	cps
Magnesium	24-2	126836220	130282236	133656099	130258185	2.62	cps
Manganese	55-2	16499	17177	17584	17087	3.21	cps
Molybdenum	94-1	3317	3809	3025	3384	11.70	cps
Molybdenum	95-1	4034	4059	3876	3990	2.49	cps
Molybdenum	96-1	5526	4984	5301	5271	5.16	cps
Molybdenum	97-1	2567	2450	2592	2536	2.98	cps
Molybdenum	98-1	6752	6051	6051	6285	6.43	cps
Neodymium	150-1	27	40	47	38	26.95	cps
Neodymium	150-2	27	13	10	17	52.93	cps
Nickel	60-2	4214	4551	4561	4442	4.44	cps
Phosphorus	31-2	683	808	867	786	11.92	cps
Potassium	39-2	55852372	56451787	58681962	56995373	2.62	cps
Rhodium	103-1	4793048	4816712	4880384	4830048	0.94	cps
Rhodium	103-2	2916937	2971712	3026119	2971589	1.84	cps
Scandium	45-1	3160515	3159070	3231129	3183571	1.29	cps
Scandium	45-2	246191	251556	258357	252035	2.42	cps
Selenium	82-1	47	-15	-90	-19	-352.27	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	70	78	85	78	9.53	cps
Silicon	28-1	326091	342120	348453	338888	3.40	cps
Silver	107-1	2150	2000	1934	2028	5.47	cps
Silver	109-1	1792	2167	1967	1975	9.50	cps
Sodium	23-2	216043088	221088313	225072580	220734660	2.05	cps
Strontium	86-1	8578	8603	8878	8686	1.92	cps
Strontium	88-1	68840	67408	68823	68357	1.20	cps
Sulfur	34-1	270858	277510	273071	273813	1.24	cps
Terbium	159-1	8900166	8824828	9022971	8915988	1.12	cps
Terbium	159-2	5422542	5466044	5577873	5488820	1.46	cps
Thallium	203-1	3792	3342	2984	3373	12.01	cps
Thallium	205-1	8753	7702	6535	7664	14.48	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 08:14:41	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	3134	2645	2523	2767	11.69	cps
Tin	118-1	2667	2759	2492	2639	5.13	cps
Titanium	47-1	783	808	800	797	1.60	cps
Uranium	238-1	3451	3401	3175	3342	4.38	cps
Vanadium	51-2	210	157	277	214	28.04	cps
Yttrium	89-1	9256650	9309371	9404347	9323456	0.80	cps
Yttrium	89-2	2099767	2146288	2196303	2147453	2.25	cps
Zinc	66-2	8072	8256	8609	8312	3.28	cps
Zirconium	90-1	3159	3400	3009	3189	6.20	cps
Zirconium	91-1	717	592	533	614	15.26	cps

LB Number : LB116409 Operator : JASWAL
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-21 08:35:55 DataFile Name : 011ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	71245	73162	68716	71041	3.14	cps
Antimony	121-1	1520923	1527376	1528754	1525684	0.27	cps
Arsenic	75-2	65416	69271	64163	66283	4.02	cps
Barium	135-1	185344	188309	189810	187821	1.21	cps
Barium	137-1	326034	333488	331996	330506	1.19	cps
Beryllium	9-1	168472	169304	170105	169294	0.48	cps
Bismuth	209-1	6873210	6885211	6827087	6861836	0.45	cps
Bismuth	209-2	4676435	4657133	4751647	4695072	1.06	cps
Boron	10-1	1067	1092	1117	1092	2.29	cps
Boron	11-1	5760	4901	5118	5259	8.49	cps
Bromine	81-1	6427	5985	5818	6076	5.18	cps
Bromine	81-2	40	30	10	27	57.28	cps
Cadmium	111-1	198614	200339	200469	199807	0.52	cps
Cadmium	106-1	22794	22034	21976	22268	2.05	cps
Cadmium	108-1	13790	13319	13457	13522	1.79	cps
Calcium	43-1	42595	41333	41777	41902	1.53	cps
Calcium	44-1	672438	671613	683590	675880	0.99	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	297982	304295	292441	298239	1.99	cps
Cobalt	59-2	478081	489404	471563	479683	1.88	cps
Copper	63-2	337742	343161	331089	337331	1.79	cps
Dysprosium	156-1	17	25	33	25	33.32	cps
Dysprosium	156-2	3	10	3	6	69.34	cps
Erbium	164-1	108	83	67	86	24.35	cps
Erbium	164-2	27	47	37	37	27.27	cps
Gadolinium	160-1	58	17	50	42	52.91	cps
Gadolinium	160-2	100	133	97	110	18.43	cps
Holmium	165-1	9901227	9810402	9647460	9786363	1.31	cps
Holmium	165-2	6145838	6169749	6221476	6179021	0.63	cps
Indium	115-1	6969110	6965079	6917950	6950713	0.41	cps
Indium	115-2	1992055	2031566	1979541	2001054	1.36	cps
Iron	56-2	5280696	5385176	5184838	5283570	1.90	cps
Iron	57-2	131549	134817	130916	132428	1.58	cps

LB Number : LB116409 Operator : JASWAL
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-21 08:35:55 DataFile Name : 011ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	304903	306104	294851	301953	2.05	cps
Krypton	83-1	557	597	640	598	6.97	cps
Lead	206-1	1622202	1636017	1636485	1631568	0.50	cps
Lead	207-1	1383162	1379231	1371899	1378097	0.41	cps
Lead	208-1	6412291	6463986	6411951	6429409	0.47	cps
Lithium	6-1	2622064	2597913	2610109	2610029	0.46	cps
Magnesium	24-2	340755	347932	335837	341508	1.78	cps
Manganese	55-2	203226	203422	199320	201989	1.15	cps
Molybdenum	94-1	483	558	408	483	15.52	cps
Molybdenum	95-1	308	258	233	267	14.32	cps
Molybdenum	96-1	667	500	575	581	14.38	cps
Molybdenum	97-1	200	167	158	175	12.60	cps
Molybdenum	98-1	533	517	533	528	1.82	cps
Neodymium	150-1	20	20	27	22	17.33	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	124714	126567	123673	124984	1.17	cps
Phosphorus	31-2	925	883	725	844	12.50	cps
Potassium	39-2	576655	590561	558424	575213	2.80	cps
Rhodium	103-1	6335638	6285680	6270561	6297293	0.54	cps
Rhodium	103-2	3681726	3732044	3650732	3688168	1.11	cps
Scandium	45-1	3927986	3916532	3930665	3925061	0.19	cps
Scandium	45-2	286409	295863	285668	289313	1.96	cps
Selenium	82-1	25801	25631	25590	25674	0.44	cps
Selenium	77-2	1943	1923	1790	1886	4.42	cps
Selenium	78-2	6653	6535	6696	6628	1.26	cps
Silicon	28-1	212338	226581	230054	222991	4.21	cps
Silver	107-1	481163	481043	483344	481850	0.27	cps
Silver	109-1	460986	462567	463111	462221	0.24	cps
Sodium	23-2	996559	1021629	991531	1003240	1.61	cps
Strontium	86-1	1408	1558	1650	1539	7.93	cps
Strontium	88-1	5960	5818	5976	5918	1.47	cps
Sulfur	34-1	340720	339489	340067	340092	0.18	cps
Terbium	159-1	9859972	9891893	9634084	9795316	1.43	cps
Terbium	159-2	5977237	5976446	6023892	5992525	0.45	cps
Thallium	203-1	1980967	1959846	1976145	1972320	0.56	cps
Thallium	205-1	4729481	4766313	4763788	4753194	0.43	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 08:35:55	DataFile Name :	011ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	333	311	306	317	4.64	cps
Tin	118-1	1583	1583	1283	1483	11.68	cps
Titanium	47-1	108	142	108	119	16.11	cps
Uranium	238-1	133	192	125	150	24.22	cps
Vanadium	51-2	240019	247456	236728	241401	2.28	cps
Yttrium	89-1	10851344	11058641	10796472	10902152	1.27	cps
Yttrium	89-2	2367212	2432697	2348655	2382854	1.85	cps
Zinc	66-2	109708	112425	108194	110109	1.95	cps
Zirconium	90-1	908	800	892	867	6.73	cps
Zirconium	91-1	483	375	358	406	16.74	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 08:52:01	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3292	3125	3175	3198	2.68	cps
Antimony	121-1	15209	15709	15834	15584	2.12	cps
Arsenic	75-2	357	376	341	358	4.92	cps
Barium	135-1	19564	19331	18855	19250	1.88	cps
Barium	137-1	33574	32990	33366	33310	0.89	cps
Beryllium	9-1	1772	1945	1945	1887	5.27	cps
Bismuth	209-1	6913796	6929038	6867075	6903303	0.47	cps
Bismuth	209-2	4728510	4755476	4725529	4736505	0.35	cps
Boron	10-1	6110	6635	6310	6352	4.17	cps
Boron	11-1	27692	28427	28586	28235	1.69	cps
Bromine	81-1	6402	6543	5926	6290	5.14	cps
Bromine	81-2	30	40	30	33	17.32	cps
Cadmium	111-1	2956	2933	2877	2922	1.39	cps
Cadmium	106-1	4259	4351	3801	4137	7.13	cps
Cadmium	108-1	221	167	167	185	16.93	cps
Calcium	43-1	10838	11255	11672	11255	3.71	cps
Calcium	44-1	183643	183802	184993	184146	0.40	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7088	6908	7025	7007	1.30	cps
Cobalt	59-2	5158	5228	4918	5101	3.19	cps
Copper	63-2	7385	7372	7499	7419	0.94	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	10	3	3	6	69.34	cps
Erbium	164-1	42	33	8	28	62.46	cps
Erbium	164-2	40	60	23	41	44.66	cps
Gadolinium	160-1	67	67	67	67	0.00	cps
Gadolinium	160-2	97	97	107	100	5.77	cps
Holmium	165-1	10031789	9859727	9819466	9903660	1.14	cps
Holmium	165-2	6195156	6244884	6224228	6221423	0.40	cps
Indium	115-1	7158321	7047620	6894571	7033504	1.88	cps
Indium	115-2	2060121	2050795	2043307	2051408	0.41	cps
Iron	56-2	151016	151740	152609	151788	0.53	cps
Iron	57-2	4178	3745	3906	3943	5.56	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 08:52:01	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	9373	9853	9102	9443	4.03	cps
Krypton	83-1	493	527	557	526	6.03	cps
Lead	206-1	8836	8531	8792	8720	1.89	cps
Lead	207-1	7135	7814	7513	7487	4.54	cps
Lead	208-1	34746	35469	34524	34913	1.42	cps
Lithium	6-1	2695090	2729369	2670396	2698285	1.10	cps
Magnesium	24-2	155666	154824	152948	154479	0.90	cps
Manganese	55-2	2387	2520	2200	2369	6.79	cps
Molybdenum	94-1	15442	15175	15759	15459	1.89	cps
Molybdenum	95-1	19071	18696	18679	18815	1.18	cps
Molybdenum	96-1	20724	21842	21200	21255	2.64	cps
Molybdenum	97-1	11480	11847	11805	11711	1.71	cps
Molybdenum	98-1	30859	30191	30140	30397	1.32	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	1763	1547	1537	1616	7.93	cps
Phosphorus	31-2	808	892	917	872	6.50	cps
Potassium	39-2	177423	178266	178064	177918	0.25	cps
Rhodium	103-1	6455507	6410361	6351938	6405935	0.81	cps
Rhodium	103-2	3799095	3769358	3769567	3779340	0.45	cps
Scandium	45-1	4031364	3995463	4024239	4017022	0.47	cps
Scandium	45-2	303996	301653	300096	301915	0.65	cps
Selenium	82-1	745	701	689	712	4.15	cps
Selenium	77-2	40	53	43	46	15.23	cps
Selenium	78-2	222	243	274	246	10.61	cps
Silicon	28-1	251710	249738	265555	255668	3.37	cps
Silver	107-1	9995	9470	10179	9881	3.72	cps
Silver	109-1	9579	9520	8928	9342	3.85	cps
Sodium	23-2	277887	277251	274129	276422	0.73	cps
Strontium	86-1	3667	3651	3175	3498	7.98	cps
Strontium	88-1	21508	22693	22702	22301	3.08	cps
Sulfur	34-1	346606	342460	356655	348574	2.09	cps
Terbium	159-1	10012929	9921316	9935718	9956654	0.49	cps
Terbium	159-2	6042273	6084901	6084920	6070698	0.41	cps
Thallium	203-1	9662	9395	9495	9518	1.42	cps
Thallium	205-1	21894	22394	21393	21894	2.29	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 08:52:01	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	122	206	189	172	25.60	cps
Tin	118-1	33975	33783	33532	33763	0.66	cps
Titanium	47-1	4851	5084	5376	5104	5.16	cps
Uranium	238-1	31313	30528	29918	30586	2.29	cps
Vanadium	51-2	13076	12926	12672	12891	1.58	cps
Yttrium	89-1	11157137	11194436	11090984	11147519	0.47	cps
Yttrium	89-2	2471898	2443876	2421105	2445626	1.04	cps
Zinc	66-2	1810	1920	1790	1840	3.80	cps
Zirconium	90-1	11980	12906	13306	12731	5.34	cps
Zirconium	91-1	2542	2550	2917	2670	8.02	cps

LB Number : LB116409 Operator : JASWAL
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-21 08:55:30 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	167	100	92	119	34.42	cps
Antimony	121-1	142	158	158	153	6.30	cps
Arsenic	75-2	7	9	0	6	88.19	cps
Barium	135-1	25	33	58	39	44.61	cps
Barium	137-1	33	50	83	56	45.83	cps
Beryllium	9-1	78	44	50	57	31.11	cps
Bismuth	209-1	6749787	6780832	6792119	6774246	0.32	cps
Bismuth	209-2	4656448	4734038	4653591	4681359	0.98	cps
Boron	10-1	750	908	900	853	10.45	cps
Boron	11-1	3959	3817	4442	4073	8.05	cps
Bromine	81-1	6035	6210	6335	6193	2.43	cps
Bromine	81-2	10	50	30	30	66.67	cps
Cadmium	111-1	852	843	777	824	5.00	cps
Cadmium	106-1	4167	4209	3867	4081	4.57	cps
Cadmium	108-1	21	4	25	17	66.13	cps
Calcium	43-1	175	158	258	197	27.16	cps
Calcium	44-1	6927	6777	6452	6718	3.62	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	857	810	760	809	5.98	cps
Cobalt	59-2	30	37	30	32	11.95	cps
Copper	63-2	753	820	917	830	9.89	cps
Dysprosium	156-1	0	33	8	14	124.91	cps
Dysprosium	156-2	0	7	7	4	86.60	cps
Erbium	164-1	50	50	17	39	49.48	cps
Erbium	164-2	47	30	20	32	41.81	cps
Gadolinium	160-1	58	33	67	53	32.87	cps
Gadolinium	160-2	107	87	123	106	17.39	cps
Holmium	165-1	9593429	9545206	9690809	9609815	0.77	cps
Holmium	165-2	6138130	6191639	6156047	6161939	0.44	cps
Indium	115-1	6861314	6980058	6930811	6924061	0.86	cps
Indium	115-2	2042785	2038843	2028685	2036771	0.36	cps
Iron	56-2	5512	5546	5340	5466	2.02	cps
Iron	57-2	172	222	150	181	20.38	cps

LB Number : LB116409 Operator : JASWAL
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-21 08:55:30 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	921	1021	891	944	7.22	cps
Krypton	83-1	627	577	520	574	9.29	cps
Lead	206-1	989	1200	1167	1119	10.15	cps
Lead	207-1	867	928	1045	946	9.55	cps
Lead	208-1	4389	4528	4789	4569	4.45	cps
Lithium	6-1	2654359	2649108	2680353	2661273	0.63	cps
Magnesium	24-2	350	392	375	372	5.63	cps
Manganese	55-2	157	183	177	172	8.06	cps
Molybdenum	94-1	175	192	317	228	33.99	cps
Molybdenum	95-1	33	50	50	44	21.66	cps
Molybdenum	96-1	42	83	83	69	34.64	cps
Molybdenum	97-1	8	0	8	6	86.60	cps
Molybdenum	98-1	17	42	42	33	43.30	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	260	263	213	246	11.38	cps
Phosphorus	31-2	975	1000	750	908	15.16	cps
Potassium	39-2	34449	34207	34641	34432	0.63	cps
Rhodium	103-1	6362850	6392952	6347777	6367860	0.36	cps
Rhodium	103-2	3744535	3740985	3761824	3749115	0.30	cps
Scandium	45-1	3992306	3989027	3953507	3978280	0.54	cps
Scandium	45-2	303281	298546	299233	300353	0.85	cps
Selenium	82-1	-9	46	87	41	117.86	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	100	120	111	110	9.23	cps
Silicon	28-1	215556	218607	208836	214333	2.33	cps
Silver	107-1	133	117	142	131	9.75	cps
Silver	109-1	42	25	67	44	47.19	cps
Sodium	23-2	12647	12405	12447	12500	1.03	cps
Strontium	86-1	883	983	1092	986	10.57	cps
Strontium	88-1	342	308	192	281	28.07	cps
Sulfur	34-1	356939	358926	347281	354382	1.76	cps
Terbium	159-1	9620396	9661855	9701647	9661299	0.42	cps
Terbium	159-2	6041759	6057150	5988883	6029264	0.59	cps
Thallium	203-1	100	100	67	89	21.65	cps
Thallium	205-1	142	142	233	172	30.73	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 08:55:30	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	156	117	178	150	20.62	cps
Tin	118-1	1275	1142	1125	1181	6.96	cps
Titanium	47-1	50	50	58	53	9.11	cps
Uranium	238-1	58	25	33	39	44.62	cps
Vanadium	51-2	0	20	10	10	100.00	cps
Yttrium	89-1	11128413	10947314	10941055	11005594	0.97	cps
Yttrium	89-2	2421377	2416406	2411656	2416480	0.20	cps
Zinc	66-2	727	650	627	668	7.83	cps
Zirconium	90-1	533	667	683	628	13.10	cps
Zirconium	91-1	75	100	167	114	41.61	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 08:58:37	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11956823	11892501	11902465	11917263	0.29	cps
Antimony	121-1	8211	8511	8419	8380	1.84	cps
Arsenic	75-2	106	111	81	99	15.85	cps
Barium	135-1	2550	2409	2734	2564	6.36	cps
Barium	137-1	4326	4976	4142	4481	9.77	cps
Beryllium	9-1	561	528	472	520	8.63	cps
Bismuth	209-1	6563477	6634983	6581031	6593164	0.57	cps
Bismuth	209-2	4362749	4411223	4419154	4397709	0.69	cps
Boron	10-1	792	875	708	792	10.53	cps
Boron	11-1	3567	4067	3876	3837	6.58	cps
Bromine	81-1	5985	5710	5776	5824	2.46	cps
Bromine	81-2	110	150	100	120	22.05	cps
Cadmium	111-1	1812	2018	1920	1917	5.38	cps
Cadmium	106-1	3701	3776	3567	3681	2.87	cps
Cadmium	108-1	2113	2125	2092	2110	0.80	cps
Calcium	43-1	1919976	1914534	1895234	1909915	0.68	cps
Calcium	44-1	28759333	28858030	28619661	28745675	0.42	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	54336	53008	53881	53742	1.26	cps
Cobalt	59-2	5251	5381	5148	5260	2.22	cps
Copper	63-2	23659	22825	23679	23388	2.09	cps
Dysprosium	156-1	42	50	50	47	10.18	cps
Dysprosium	156-2	10	17	27	18	47.19	cps
Erbium	164-1	33	125	117	92	55.30	cps
Erbium	164-2	70	40	57	56	27.06	cps
Gadolinium	160-1	58	100	50	69	38.58	cps
Gadolinium	160-2	117	123	137	126	8.11	cps
Holmium	165-1	9798839	9854579	9981093	9878171	0.95	cps
Holmium	165-2	6056267	6108927	6117089	6094095	0.54	cps
Indium	115-1	6487610	6499694	6477962	6488422	0.17	cps
Indium	115-2	1844943	1866039	1869558	1860180	0.72	cps
Iron	56-2	236082278	236416633	236128694	236209202	0.08	cps
Iron	57-2	5876479	5917330	5845422	5879744	0.61	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 08:58:37	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	12772646	12741900	12775036	12763194	0.14	cps
Krypton	83-1	577	517	603	566	7.85	cps
Lead	206-1	34328	35236	34450	34671	1.42	cps
Lead	207-1	27673	27796	27634	27701	0.30	cps
Lead	208-1	130203	132858	130828	131296	1.06	cps
Lithium	6-1	2407972	2409198	2399409	2405526	0.22	cps
Magnesium	24-2	25630950	25273772	25513454	25472725	0.71	cps
Manganese	55-2	14441	14040	14184	14221	1.43	cps
Molybdenum	94-1	3691038	3670096	3689077	3683404	0.31	cps
Molybdenum	95-1	6482570	6503048	6474264	6486627	0.23	cps
Molybdenum	96-1	6904432	6930317	6870993	6901914	0.43	cps
Molybdenum	97-1	4089860	4132427	4130194	4117494	0.58	cps
Molybdenum	98-1	10334770	10484643	10468491	10429301	0.79	cps
Neodymium	150-1	33	87	47	56	49.96	cps
Neodymium	150-2	20	17	13	17	20.01	cps
Nickel	60-2	6038	6071	6245	6118	1.81	cps
Phosphorus	31-2	597786	595084	587661	593510	0.88	cps
Potassium	39-2	22926399	22799336	22937910	22887882	0.34	cps
Rhodium	103-1	5637742	5641078	5656906	5645242	0.18	cps
Rhodium	103-2	3317135	3360505	3368937	3348859	0.83	cps
Scandium	45-1	3611414	3620021	3607729	3613055	0.17	cps
Scandium	45-2	266889	270027	272507	269808	1.04	cps
Selenium	82-1	-16	19	-59	-19	-209.58	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	70	81	81	78	8.25	cps
Silicon	28-1	285220	286702	285303	285742	0.29	cps
Silver	107-1	350	267	317	311	13.48	cps
Silver	109-1	308	167	217	231	31.16	cps
Sodium	23-2	45801686	45800991	45756075	45786251	0.06	cps
Strontium	86-1	73286	73680	73697	73554	0.32	cps
Strontium	88-1	641806	641150	641368	641441	0.05	cps
Sulfur	34-1	3402795	3395818	3414476	3404363	0.28	cps
Terbium	159-1	9673535	9818380	9811339	9767751	0.84	cps
Terbium	159-2	5872203	5906626	5934188	5904339	0.53	cps
Thallium	203-1	550	567	475	531	9.20	cps
Thallium	205-1	1117	1333	1317	1256	9.60	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 08:58:37	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	167	167	150	161	5.97	cps
Tin	118-1	1742	1775	2025	1847	8.38	cps
Titanium	47-1	1754167	1754604	1748260	1752343	0.20	cps
Uranium	238-1	600	542	692	611	12.37	cps
Vanadium	51-2	360	303	360	341	9.59	cps
Yttrium	89-1	10201433	10301348	10389183	10297321	0.91	cps
Yttrium	89-2	2234628	2252690	2279262	2255527	1.00	cps
Zinc	66-2	6081	6235	6251	6189	1.51	cps
Zirconium	90-1	642	592	775	669	14.16	cps
Zirconium	91-1	200	175	108	161	29.41	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 09:01:43	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12519536	12475104	12513005	12502548	0.19	cps
Antimony	121-1	155661	153471	157693	155609	1.36	cps
Arsenic	75-2	5990	5972	6377	6113	3.75	cps
Barium	135-1	40033	39808	39231	39691	1.04	cps
Barium	137-1	67673	67497	66977	67383	0.54	cps
Beryllium	9-1	29640	29991	30676	30102	1.75	cps
Bismuth	209-1	7682532	5721278	6609704	6671171	14.72	cps
Bismuth	209-2	4380110	4364886	4408163	4384386	0.50	cps
Boron	10-1	742	883	775	800	9.26	cps
Boron	11-1	3567	4059	3909	3845	6.56	cps
Bromine	81-1	5243	7252	6393	6296	16.01	cps
Bromine	81-2	100	110	80	97	15.80	cps
Cadmium	111-1	37422	38281	38359	38021	1.37	cps
Cadmium	106-1	7969	6452	6718	7046	11.50	cps
Cadmium	108-1	4501	4893	4751	4715	4.21	cps
Calcium	43-1	2033216	2005406	2029419	2022680	0.75	cps
Calcium	44-1	30815416	30387302	30849194	30683971	0.84	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	108757	109962	111256	109992	1.14	cps
Cobalt	59-2	90245	91093	91315	90885	0.62	cps
Copper	63-2	83097	83335	83657	83363	0.34	cps
Dysprosium	156-1	50	42	33	42	20.00	cps
Dysprosium	156-2	27	13	20	20	33.35	cps
Erbium	164-1	133	83	100	106	24.12	cps
Erbium	164-2	33	53	67	51	32.83	cps
Gadolinium	160-1	50	42	58	50	16.66	cps
Gadolinium	160-2	143	87	123	118	24.40	cps
Holmium	165-1	11584409	8533876	9943700	10020661	15.24	cps
Holmium	165-2	6104965	6047154	6081466	6077862	0.48	cps
Indium	115-1	7732342	5599502	6563998	6631947	16.10	cps
Indium	115-2	1874445	1859569	1887582	1873865	0.75	cps
Iron	56-2	249016294	249324150	248539578	248960007	0.16	cps
Iron	57-2	6250293	6231990	6276558	6252947	0.36	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 09:01:43	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	13557326	13544351	13584615	13562097	0.15	cps
Krypton	83-1	550	600	527	559	6.70	cps
Lead	206-1	180753	187961	187550	185422	2.18	cps
Lead	207-1	151389	160757	155598	155914	3.01	cps
Lead	208-1	701150	738550	726696	722132	2.65	cps
Lithium	6-1	2686081	2145963	2378835	2403626	11.27	cps
Magnesium	24-2	26779517	26643259	26917493	26780090	0.51	cps
Manganese	55-2	52547	53042	51797	52462	1.19	cps
Molybdenum	94-1	3970789	3924167	3968747	3954567	0.67	cps
Molybdenum	95-1	6906077	6826521	6966300	6899633	1.02	cps
Molybdenum	96-1	7405640	7351727	7362446	7373271	0.39	cps
Molybdenum	97-1	4374006	4353491	4422893	4383463	0.81	cps
Molybdenum	98-1	11177588	11002903	11181780	11120757	0.92	cps
Neodymium	150-1	33	33	13	27	43.31	cps
Neodymium	150-2	13	37	13	21	63.83	cps
Nickel	60-2	28231	27753	28591	28192	1.49	cps
Phosphorus	31-2	624351	615339	626605	622098	0.96	cps
Potassium	39-2	24388056	24057884	24088124	24178021	0.75	cps
Rhodium	103-1	6715961	4823499	5659719	5733060	16.54	cps
Rhodium	103-2	3349418	3335519	3383319	3356085	0.73	cps
Scandium	45-1	4389311	3069937	3602665	3687304	18.00	cps
Scandium	45-2	270216	267644	269693	269184	0.51	cps
Selenium	82-1	2192	2308	2297	2266	2.82	cps
Selenium	77-2	173	197	160	177	10.51	cps
Selenium	78-2	646	637	554	612	8.33	cps
Silicon	28-1	312489	283305	307387	301060	5.18	cps
Silver	107-1	169290	173846	169333	170823	1.53	cps
Silver	109-1	163669	163881	165253	164268	0.52	cps
Sodium	23-2	48221813	47456086	48021274	47899724	0.83	cps
Strontium	86-1	79201	80441	77625	79089	1.78	cps
Strontium	88-1	673826	682893	684178	680299	0.83	cps
Sulfur	34-1	3522426	3651874	3559229	3577843	1.86	cps
Terbium	159-1	11442480	8467432	9747361	9885757	15.10	cps
Terbium	159-2	5916533	5868434	5914563	5899843	0.46	cps
Thallium	203-1	178700	185094	182838	182211	1.78	cps
Thallium	205-1	428726	447308	440952	438995	2.15	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 09:01:43	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	194	250	172	206	19.49	cps
Tin	118-1	1817	1875	1758	1817	3.21	cps
Titanium	47-1	1870698	1837629	1864272	1857533	0.94	cps
Uranium	238-1	708	583	558	617	13.03	cps
Vanadium	51-2	44119	44363	44310	44264	0.29	cps
Yttrium	89-1	12429166	8887312	10440828	10585769	16.77	cps
Yttrium	89-2	2248726	2252589	2276286	2259200	0.66	cps
Zinc	66-2	16272	16229	16616	16373	1.30	cps
Zirconium	90-1	967	575	917	819	26.01	cps
Zirconium	91-1	158	117	192	156	24.16	cps

LB Number : LB116409 Operator : JASWAL
 Lab Sample ID : CCV04 Instrumnet Name : P7
 Client Sample ID : CCV04 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-21 09:04:47 DataFile Name : 018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6079888	6070698	6094930	6081839	0.20	cps
Antimony	121-1	3633901	3691276	3672198	3665791	0.80	cps
Arsenic	75-2	140104	142064	138464	140211	1.29	cps
Barium	135-1	4440816	4452574	4406279	4433223	0.54	cps
Barium	137-1	7691600	7684072	7680937	7685537	0.07	cps
Beryllium	9-1	740199	740810	732928	737979	0.59	cps
Bismuth	209-1	6316351	6335129	6294602	6315360	0.32	cps
Bismuth	209-2	4130792	4170461	4116110	4139121	0.68	cps
Boron	10-1	92615	94728	97145	94829	2.39	cps
Boron	11-1	429175	438957	454325	440819	2.88	cps
Bromine	81-1	5218	5293	4659	5057	6.85	cps
Bromine	81-2	20	0	60	27	114.56	cps
Cadmium	111-1	870641	867032	865299	867657	0.31	cps
Cadmium	106-1	286361	283520	285177	285019	0.50	cps
Cadmium	108-1	135736	133680	135245	134887	0.80	cps
Calcium	43-1	4838384	4850477	4581319	4756727	3.20	cps
Calcium	44-1	73064047	72570770	72955525	72863447	0.36	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1306835	1317473	1305974	1310094	0.49	cps
Cobalt	59-2	2025215	2062502	2014760	2034159	1.23	cps
Copper	63-2	14648026	14653724	14563902	14621884	0.34	cps
Dysprosium	156-1	742	858	833	811	7.57	cps
Dysprosium	156-2	507	543	477	509	6.56	cps
Erbium	164-1	117	83	125	108	20.35	cps
Erbium	164-2	160	133	117	137	15.99	cps
Gadolinium	160-1	933	725	792	817	13.03	cps
Gadolinium	160-2	617	570	663	617	7.57	cps
Holmium	165-1	9587904	9742709	9514381	9614998	1.21	cps
Holmium	165-2	5845512	5845904	5857259	5849558	0.11	cps
Indium	115-1	6298069	6433604	6266346	6332673	1.40	cps
Indium	115-2	1756736	1754632	1748343	1753237	0.25	cps
Iron	56-2	287173973	290602429	286788073	288188158	0.73	cps
Iron	57-2	7203460	7237562	7195056	7212026	0.31	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	CCV04	Instrumnet Name :	P7
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 09:04:47	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	15758292	15812017	15528589	15699633	0.96	cps
Krypton	83-1	560	600	530	563	6.23	cps
Lead	206-1	18222825	17911305	17851022	17995051	1.11	cps
Lead	207-1	16124890	15818741	15990333	15977988	0.96	cps
Lead	208-1	73485093	72246345	72160223	72630554	1.02	cps
Lithium	6-1	2333318	2338494	2335502	2335771	0.11	cps
Magnesium	24-2	67042304	66876451	66499897	66806217	0.42	cps
Manganese	55-2	9054385	9144988	9044604	9081326	0.61	cps
Molybdenum	94-1	25966164	25987434	26047046	26000215	0.16	cps
Molybdenum	95-1	8324306	8447424	8469875	8413868	0.93	cps
Molybdenum	96-1	12450277	12390068	12581054	12473800	0.78	cps
Molybdenum	97-1	5313983	5322533	5351720	5329412	0.37	cps
Molybdenum	98-1	13291786	13491023	13652323	13478377	1.34	cps
Neodymium	150-1	200	400	280	293	34.32	cps
Neodymium	150-2	57	33	53	48	26.42	cps
Nickel	60-2	506760	516961	505590	509770	1.23	cps
Phosphorus	31-2	58825	59343	59502	59223	0.60	cps
Potassium	39-2	28724933	28999863	28654510	28793102	0.63	cps
Rhodium	103-1	5387648	5485174	5473138	5448653	0.98	cps
Rhodium	103-2	3136537	3136708	3100394	3124546	0.67	cps
Scandium	45-1	3567196	3601080	3611735	3593337	0.65	cps
Scandium	45-2	268631	273452	271182	271088	0.89	cps
Selenium	82-1	55026	54389	53981	54465	0.97	cps
Selenium	77-2	4227	3897	4047	4057	4.07	cps
Selenium	78-2	13838	13447	13449	13578	1.66	cps
Silicon	28-1	2382501	2514615	2578904	2492007	4.02	cps
Silver	107-1	4260302	4240830	4235878	4245670	0.30	cps
Silver	109-1	4024333	4022825	4013906	4020354	0.14	cps
Sodium	23-2	112652340	111222765	112118857	111997987	0.65	cps
Strontium	86-1	10477298	10502542	10580669	10520170	0.51	cps
Strontium	88-1	91368948	92346650	92146498	91954032	0.56	cps
Sulfur	34-1	612510	622848	628542	621300	1.31	cps
Terbium	159-1	9604277	9592606	9426861	9541248	1.04	cps
Terbium	159-2	5656279	5657012	5604418	5639236	0.53	cps
Thallium	203-1	4438723	4405335	4331428	4391828	1.25	cps
Thallium	205-1	10658280	10625838	10363492	10549203	1.53	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	CCV04	Instrumnet Name :	P7
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 09:04:47	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	17111376	16650175	16620655	16794069	1.64	cps
Tin	118-1	3066504	3094595	3020252	3060451	1.23	cps
Titanium	47-1	2188065	2211337	2206785	2202062	0.56	cps
Uranium	238-1	16200187	16021442	15710663	15977431	1.55	cps
Vanadium	51-2	1091559	1106042	1084174	1093925	1.02	cps
Yttrium	89-1	10146153	10132720	10148321	10142398	0.08	cps
Yttrium	89-2	2174620	2179204	2139716	2164513	1.00	cps
Zinc	66-2	2377372	2407180	2361148	2381900	0.98	cps
Zirconium	90-1	57016718	57701305	57343558	57353860	0.60	cps
Zirconium	91-1	12758453	12817553	12801346	12792451	0.24	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	CCB04	Instrumnet Name :	P7
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 09:16:44	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	175	275	108	186	45.07	cps
Antimony	121-1	425	417	417	419	1.15	cps
Arsenic	75-2	0	6	6	4	86.60	cps
Barium	135-1	142	83	133	119	26.41	cps
Barium	137-1	133	175	175	161	14.93	cps
Beryllium	9-1	89	78	83	83	6.67	cps
Bismuth	209-1	6722942	6788719	6851741	6787800	0.95	cps
Bismuth	209-2	4559888	4576801	4606400	4581030	0.51	cps
Boron	10-1	875	850	1025	917	10.33	cps
Boron	11-1	4459	3934	4351	4248	6.53	cps
Bromine	81-1	5676	5626	6293	5865	6.33	cps
Bromine	81-2	80	40	50	57	36.74	cps
Cadmium	111-1	731	683	725	713	3.63	cps
Cadmium	106-1	3701	3275	3526	3501	6.10	cps
Cadmium	108-1	25	25	25	25	0.00	cps
Calcium	43-1	142	250	192	194	27.89	cps
Calcium	44-1	7444	7469	7002	7305	3.60	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	800	757	697	751	6.91	cps
Cobalt	59-2	87	67	80	78	13.09	cps
Copper	63-2	1223	1337	1160	1240	7.22	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	75	17	67	53	59.77	cps
Erbium	164-2	30	43	33	36	19.51	cps
Gadolinium	160-1	33	83	58	58	42.86	cps
Gadolinium	160-2	70	67	83	73	12.02	cps
Holmium	165-1	9741307	9848518	9801470	9797098	0.55	cps
Holmium	165-2	5939373	6007334	6041424	5996044	0.87	cps
Indium	115-1	6777632	6827344	6863415	6822797	0.63	cps
Indium	115-2	1944869	1962748	1948022	1951880	0.49	cps
Iron	56-2	9286	10376	10270	9978	6.02	cps
Iron	57-2	322	283	339	315	9.06	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	CCB04	Instrumnet Name :	P7
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 09:16:44	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1321	1442	941	1235	21.17	cps
Krypton	83-1	500	560	553	538	6.12	cps
Lead	206-1	1333	1261	1222	1272	4.43	cps
Lead	207-1	1022	1006	1028	1019	1.14	cps
Lead	208-1	4906	4567	4739	4737	3.58	cps
Lithium	6-1	2513388	2518534	2539302	2523741	0.54	cps
Magnesium	24-2	1292	1575	1325	1397	11.08	cps
Manganese	55-2	247	300	273	273	9.76	cps
Molybdenum	94-1	800	725	925	817	12.37	cps
Molybdenum	95-1	283	233	217	244	14.19	cps
Molybdenum	96-1	442	350	383	392	11.85	cps
Molybdenum	97-1	200	92	142	144	37.54	cps
Molybdenum	98-1	367	342	392	367	6.82	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	273	273	267	271	1.42	cps
Phosphorus	31-2	825	742	950	839	12.50	cps
Potassium	39-2	33647	35109	34115	34290	2.18	cps
Rhodium	103-1	6232274	6239080	6131111	6200822	0.98	cps
Rhodium	103-2	3547740	3584533	3603717	3578663	0.79	cps
Scandium	45-1	3770101	3791375	3751833	3771103	0.52	cps
Scandium	45-2	280278	282532	282963	281925	0.51	cps
Selenium	82-1	86	-48	45	28	244.83	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	72	78	69	73	6.40	cps
Silicon	28-1	188980	192824	186002	189269	1.81	cps
Silver	107-1	250	158	183	197	24.03	cps
Silver	109-1	167	192	4996	1785	155.82	cps
Sodium	23-2	20297	20673	20047	20339	1.55	cps
Strontium	86-1	1017	1317	1183	1172	12.82	cps
Strontium	88-1	1959	1350	1558	1622	19.06	cps
Sulfur	34-1	319029	322894	315947	319290	1.09	cps
Terbium	159-1	9699297	9809860	9787417	9765525	0.60	cps
Terbium	159-2	5808164	5884964	5893336	5862155	0.80	cps
Thallium	203-1	333	442	458	411	16.51	cps
Thallium	205-1	1075	1058	1125	1086	3.19	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	CCB04	Instrumnet Name :	P7
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 09:16:44	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	467	489	389	448	11.72	cps
Tin	118-1	1017	1100	1017	1045	4.61	cps
Titanium	47-1	92	100	50	81	33.25	cps
Uranium	238-1	258	258	233	250	5.77	cps
Vanadium	51-2	13	40	37	30	48.44	cps
Yttrium	89-1	10769916	10827609	10795168	10797564	0.27	cps
Yttrium	89-2	2274181	2322031	2295930	2297381	1.04	cps
Zinc	66-2	630	603	533	589	8.48	cps
Zirconium	90-1	1909	1884	1608	1800	9.25	cps
Zirconium	91-1	383	400	317	367	12.03	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	CRIRE	Instrumnet Name :	P7
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 09:24:19	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3300	2792	3225	3106	8.84	cps
Antimony	121-1	15734	15676	15367	15592	1.26	cps
Arsenic	75-2	315	389	348	351	10.58	cps
Barium	135-1	18704	18170	18955	18610	2.15	cps
Barium	137-1	33482	32990	32898	33123	0.95	cps
Beryllium	9-1	1545	1906	1722	1724	10.47	cps
Bismuth	209-1	6729847	6884215	6847699	6820587	1.18	cps
Bismuth	209-2	4660507	4662277	4656514	4659766	0.06	cps
Boron	10-1	5309	5393	5693	5465	3.69	cps
Boron	11-1	25522	25931	26749	26067	2.40	cps
Bromine	81-1	5785	5985	6235	6001	3.76	cps
Bromine	81-2	70	50	100	73	34.32	cps
Cadmium	111-1	2628	2605	2796	2676	3.90	cps
Cadmium	106-1	3609	3551	4117	3759	8.29	cps
Cadmium	108-1	242	150	200	197	23.27	cps
Calcium	43-1	10687	10896	10871	10818	1.05	cps
Calcium	44-1	175764	177596	178496	177285	0.79	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6762	7008	6622	6797	2.88	cps
Cobalt	59-2	4597	4811	4644	4684	2.39	cps
Copper	63-2	7275	7175	7555	7335	2.69	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	25	67	42	44	47.19	cps
Erbium	164-2	43	27	37	36	23.58	cps
Gadolinium	160-1	58	100	33	64	52.72	cps
Gadolinium	160-2	113	80	90	94	18.11	cps
Holmium	165-1	9760142	10047118	9851873	9886377	1.48	cps
Holmium	165-2	6090631	6163306	6180576	6144838	0.78	cps
Indium	115-1	6918761	7010293	6925022	6951359	0.74	cps
Indium	115-2	1993969	1991606	2018631	2001402	0.75	cps
Iron	56-2	148047	151021	150364	149811	1.04	cps
Iron	57-2	3984	3912	3756	3884	3.00	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	CRIRE	Instrumnet Name :	P7
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 09:24:19	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	9262	9283	8892	9146	2.41	cps
Krypton	83-1	583	540	680	601	11.92	cps
Lead	206-1	8414	7741	8586	8247	5.41	cps
Lead	207-1	7430	7397	7814	7547	3.07	cps
Lead	208-1	33795	33100	34579	33825	2.19	cps
Lithium	6-1	2530732	2538400	2527943	2532358	0.21	cps
Magnesium	24-2	147679	144742	148377	146933	1.31	cps
Manganese	55-2	2347	2194	2300	2280	3.45	cps
Molybdenum	94-1	15609	15667	15183	15486	1.71	cps
Molybdenum	95-1	17636	18279	18421	18112	2.31	cps
Molybdenum	96-1	20574	19238	20240	20017	3.47	cps
Molybdenum	97-1	11688	11288	11805	11594	2.34	cps
Molybdenum	98-1	29147	29255	29940	29447	1.46	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	1620	1737	1460	1606	8.65	cps
Phosphorus	31-2	658	892	883	811	16.32	cps
Potassium	39-2	172456	169945	172271	171557	0.82	cps
Rhodium	103-1	6167702	6354071	6273357	6265043	1.49	cps
Rhodium	103-2	3641821	3683347	3710362	3678510	0.94	cps
Scandium	45-1	3832975	3909036	3909232	3883748	1.13	cps
Scandium	45-2	289886	290976	287065	289309	0.70	cps
Selenium	82-1	597	713	502	604	17.55	cps
Selenium	77-2	93	43	37	58	53.60	cps
Selenium	78-2	246	302	222	257	15.91	cps
Silicon	28-1	243062	248009	250007	247026	1.45	cps
Silver	107-1	10221	9687	9637	9848	3.29	cps
Silver	109-1	9036	8870	9220	9042	1.94	cps
Sodium	23-2	265525	264299	269691	266505	1.06	cps
Strontium	86-1	3292	3317	3726	3445	7.06	cps
Strontium	88-1	21491	21784	22552	21942	2.50	cps
Sulfur	34-1	332514	337336	336276	335376	0.76	cps
Terbium	159-1	9821404	9918086	9917022	9885504	0.56	cps
Terbium	159-2	5987885	5975203	5951841	5971643	0.31	cps
Thallium	203-1	9495	9545	9379	9473	0.90	cps
Thallium	205-1	21827	23221	23129	22725	3.43	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	CRIRE	Instrumnet Name :	P7
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 09:24:19	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	200	161	211	191	13.76	cps
Tin	118-1	33566	33557	33925	33683	0.62	cps
Titanium	47-1	4784	4784	5026	4865	2.87	cps
Uranium	238-1	30511	30686	30937	30711	0.70	cps
Vanadium	51-2	12642	12585	12545	12591	0.39	cps
Yttrium	89-1	10895670	10939408	11015848	10950309	0.56	cps
Yttrium	89-2	2338840	2375149	2406744	2373578	1.43	cps
Zinc	66-2	1750	1760	1813	1775	1.92	cps
Zirconium	90-1	13098	13532	13657	13429	2.18	cps
Zirconium	91-1	2959	2984	3284	3075	5.88	cps

LB Number : LB116409 Operator : JASWAL
 Lab Sample ID : PB139154BL Instrumnet Name : P7
 Client Sample ID : PBW154 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-21 09:57:47 DataFile Name : 021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	100	92	86	20.14	cps
Antimony	121-1	200	158	158	172	13.97	cps
Arsenic	75-2	4	6	6	5	21.74	cps
Barium	135-1	33	25	17	25	33.32	cps
Barium	137-1	42	50	50	47	10.18	cps
Beryllium	9-1	72	39	50	54	31.60	cps
Bismuth	209-1	7392386	7377782	7110657	7293608	2.17	cps
Bismuth	209-2	4663596	4682780	4688979	4678452	0.28	cps
Boron	10-1	600	608	433	547	18.04	cps
Boron	11-1	2509	2742	2442	2564	6.14	cps
Bromine	81-1	6160	6752	6427	6446	4.60	cps
Bromine	81-2	30	90	60	60	50.00	cps
Cadmium	111-1	740	782	709	744	4.92	cps
Cadmium	106-1	3767	3817	3592	3726	3.17	cps
Cadmium	108-1	25	21	25	24	10.20	cps
Calcium	43-1	150	233	158	181	25.42	cps
Calcium	44-1	6360	6010	6118	6163	2.91	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	703	737	700	713	2.84	cps
Cobalt	59-2	53	27	23	34	47.73	cps
Copper	63-2	733	740	763	746	2.11	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	83	58	50	64	27.16	cps
Erbium	164-2	23	37	30	30	22.23	cps
Gadolinium	160-1	33	33	25	31	15.74	cps
Gadolinium	160-2	120	120	103	114	8.41	cps
Holmium	165-1	10680033	10556554	10270344	10502310	2.00	cps
Holmium	165-2	6182558	6234851	6214987	6210799	0.43	cps
Indium	115-1	7715326	7551959	7362837	7543374	2.34	cps
Indium	115-2	2052732	2048730	2036592	2046018	0.41	cps
Iron	56-2	4862	4862	5012	4912	1.76	cps
Iron	57-2	172	250	150	191	27.53	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	PB139154BL	Instrumnet Name :	P7
Client Sample ID :	PBW154	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 09:57:47	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	931	1051	891	958	8.70	cps
Krypton	83-1	577	650	610	612	6.00	cps
Lead	206-1	800	711	678	730	8.66	cps
Lead	207-1	761	633	733	709	9.48	cps
Lead	208-1	3322	3189	3061	3191	4.09	cps
Lithium	6-1	2809086	2786947	2726769	2774267	1.54	cps
Magnesium	24-2	342	300	375	339	11.09	cps
Manganese	55-2	93	77	97	89	12.05	cps
Molybdenum	94-1	325	383	283	331	15.20	cps
Molybdenum	95-1	42	17	25	28	45.82	cps
Molybdenum	96-1	92	117	58	89	32.92	cps
Molybdenum	97-1	17	8	25	17	50.01	cps
Molybdenum	98-1	58	75	50	61	20.83	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	247	270	200	239	14.92	cps
Phosphorus	31-2	825	867	692	794	11.51	cps
Potassium	39-2	34883	33923	34716	34507	1.49	cps
Rhodium	103-1	7047208	6772939	6665816	6828654	2.88	cps
Rhodium	103-2	3762125	3784151	3742897	3763058	0.55	cps
Scandium	45-1	4388613	4238164	4210525	4279101	2.24	cps
Scandium	45-2	303532	298698	298723	300317	0.93	cps
Selenium	82-1	-10	-55	11	-18	-187.24	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	89	94	89	91	3.54	cps
Silicon	28-1	205072	196306	203806	201728	2.35	cps
Silver	107-1	33	67	75	58	37.80	cps
Silver	109-1	50	33	17	33	50.00	cps
Sodium	23-2	11580	12005	11621	11735	2.00	cps
Strontium	86-1	1033	950	850	945	9.72	cps
Strontium	88-1	208	250	183	214	15.75	cps
Sulfur	34-1	364160	352814	358163	358379	1.58	cps
Terbium	159-1	10673560	10606751	10244656	10508322	2.20	cps
Terbium	159-2	6038056	6054107	6000476	6030880	0.46	cps
Thallium	203-1	167	108	83	119	35.80	cps
Thallium	205-1	258	208	225	231	11.04	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	PB139154BL	Instrumnet Name :	P7
Client Sample ID :	PBW154	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 09:57:47	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	189	122	128	146	25.28	cps
Tin	118-1	1067	1000	1183	1083	8.57	cps
Titanium	47-1	92	42	83	72	37.09	cps
Uranium	238-1	25	33	8	22	57.29	cps
Vanadium	51-2	0	3	0	1	173.21	cps
Yttrium	89-1	12264157	11897151	11675036	11945448	2.49	cps
Yttrium	89-2	2431772	2427536	2418118	2425809	0.29	cps
Zinc	66-2	483	520	547	517	6.15	cps
Zirconium	90-1	842	825	842	836	1.15	cps
Zirconium	91-1	192	142	142	158	18.23	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	PB139154BS	Instrumnet Name :	P7
Client Sample ID :	LCS154	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:00:53	DataFile Name :	022LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5693	6318	6402	6138	6.31	cps
Antimony	121-1	30885	30325	29958	30389	1.54	cps
Arsenic	75-2	665	617	702	661	6.46	cps
Barium	135-1	36657	37075	36866	36866	0.57	cps
Barium	137-1	62490	64424	63796	63570	1.55	cps
Beryllium	9-1	3389	3528	3417	3445	2.13	cps
Bismuth	209-1	6703971	6814366	6828221	6782186	1.00	cps
Bismuth	209-2	4619832	4663811	4639883	4641176	0.47	cps
Boron	10-1	10721	10913	11004	10879	1.33	cps
Boron	11-1	46698	47232	51128	48353	5.00	cps
Bromine	81-1	6643	6377	6760	6593	2.98	cps
Bromine	81-2	80	50	90	73	28.39	cps
Cadmium	111-1	5412	5064	4749	5075	6.53	cps
Cadmium	106-1	4726	4384	4192	4434	6.09	cps
Cadmium	108-1	317	288	367	324	12.37	cps
Calcium	43-1	21024	21090	21591	21235	1.46	cps
Calcium	44-1	349111	348720	346240	348024	0.45	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	12782	13126	13096	13001	1.46	cps
Cobalt	59-2	9913	9683	9860	9819	1.23	cps
Copper	63-2	13533	13626	14017	13725	1.87	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	0	10	17	9	94.38	cps
Erbium	164-1	58	50	17	42	52.91	cps
Erbium	164-2	37	10	43	30	58.79	cps
Gadolinium	160-1	33	42	67	47	36.74	cps
Gadolinium	160-2	117	153	110	127	18.42	cps
Holmium	165-1	9602083	9883060	9888409	9791184	1.67	cps
Holmium	165-2	6103641	6195625	6153464	6150910	0.75	cps
Indium	115-1	6952879	6999548	6931295	6961241	0.50	cps
Indium	115-2	2012088	2046410	2056159	2038219	1.14	cps
Iron	56-2	1237013	1229679	1238429	1235040	0.38	cps
Iron	57-2	30426	31039	30961	30808	1.08	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	PB139154BS	Instrumnet Name :	P7
Client Sample ID :	LCS154	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:00:53	DataFile Name :	022LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	70339	69765	69553	69886	0.58	cps
Krypton	83-1	600	607	570	592	3.30	cps
Lead	206-1	14719	15799	15609	15376	3.75	cps
Lead	207-1	13752	13079	13251	13361	2.62	cps
Lead	208-1	61646	61011	62581	61746	1.28	cps
Lithium	6-1	2562996	2583242	2618497	2588245	1.09	cps
Magnesium	24-2	289903	294883	291848	292212	0.86	cps
Manganese	55-2	4411	4461	4554	4475	1.63	cps
Molybdenum	94-1	29022	28671	28955	28882	0.64	cps
Molybdenum	95-1	36280	37842	36455	36859	2.32	cps
Molybdenum	96-1	39965	40316	40558	40279	0.74	cps
Molybdenum	97-1	22560	22794	22527	22627	0.64	cps
Molybdenum	98-1	58470	59006	59466	58980	0.84	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	2810	2994	2837	2880	3.44	cps
Phosphorus	31-2	858	867	967	897	6.72	cps
Potassium	39-2	314059	311186	311228	312158	0.53	cps
Rhodium	103-1	6272540	6411538	6432295	6372125	1.36	cps
Rhodium	103-2	3713599	3751534	3778393	3747842	0.87	cps
Scandium	45-1	3919750	4022907	3987400	3976686	1.32	cps
Scandium	45-2	297259	296718	299126	297701	0.42	cps
Selenium	82-1	1212	1172	1314	1233	5.92	cps
Selenium	77-2	100	80	110	97	15.80	cps
Selenium	78-2	400	467	422	430	7.90	cps
Silicon	28-1	293720	297824	292365	294636	0.96	cps
Silver	107-1	19823	19589	19539	19650	0.77	cps
Silver	109-1	17637	17620	18421	17892	2.56	cps
Sodium	23-2	505874	520392	524289	516852	1.88	cps
Strontium	86-1	6160	6101	6151	6138	0.51	cps
Strontium	88-1	44243	43759	43641	43881	0.73	cps
Sulfur	34-1	369806	359131	360525	363154	1.60	cps
Terbium	159-1	9606950	9812165	9818981	9746032	1.24	cps
Terbium	159-2	5967871	6027757	6070349	6021992	0.85	cps
Thallium	203-1	17195	17587	18146	17643	2.71	cps
Thallium	205-1	42794	41800	42803	42466	1.36	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	PB139154BS	Instrumnet Name :	P7
Client Sample ID :	LCS154	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:00:53	DataFile Name :	022LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	133	128	178	146	18.73	cps
Tin	118-1	63351	63033	63586	63323	0.44	cps
Titanium	47-1	9345	9803	9537	9562	2.41	cps
Uranium	238-1	59545	58188	58523	58752	1.20	cps
Vanadium	51-2	25158	24480	24968	24869	1.41	cps
Yttrium	89-1	10946141	11099852	11102004	11049332	0.81	cps
Yttrium	89-2	2397625	2446152	2441574	2428450	1.10	cps
Zinc	66-2	6401	6331	6181	6305	1.78	cps
Zirconium	90-1	23203	24204	24772	24060	3.30	cps
Zirconium	91-1	5251	5243	5935	5476	7.25	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	PB139155BL	Instrumnet Name :	P7
Client Sample ID :	PBW155	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:04:00	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	108	83	97	13.09	cps
Antimony	121-1	75	117	100	97	21.57	cps
Arsenic	75-2	2	4	2	2	43.30	cps
Barium	135-1	8	33	25	22	57.29	cps
Barium	137-1	8	33	33	25	57.74	cps
Beryllium	9-1	72	17	50	46	60.39	cps
Bismuth	209-1	6966887	6921941	6865574	6918134	0.73	cps
Bismuth	209-2	4726462	4681712	4710358	4706178	0.48	cps
Boron	10-1	825	733	683	747	9.62	cps
Boron	11-1	3842	3684	3442	3656	5.51	cps
Bromine	81-1	6960	6518	6302	6593	5.09	cps
Bromine	81-2	70	90	30	63	48.24	cps
Cadmium	111-1	845	736	791	791	6.91	cps
Cadmium	106-1	4184	3617	3959	3920	7.28	cps
Cadmium	108-1	13	13	13	13	0.00	cps
Calcium	43-1	183	158	217	186	15.73	cps
Calcium	44-1	5651	5968	6076	5899	3.75	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	780	787	823	797	2.93	cps
Cobalt	59-2	30	57	23	37	48.11	cps
Copper	63-2	643	760	740	714	8.73	cps
Dysprosium	156-1	0	25	8	11	114.58	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	33	42	67	47	36.74	cps
Erbium	164-2	50	37	43	43	15.38	cps
Gadolinium	160-1	50	25	25	33	43.30	cps
Gadolinium	160-2	117	90	110	106	13.15	cps
Holmium	165-1	9942831	9914677	9847622	9901710	0.49	cps
Holmium	165-2	6263132	6199907	6199280	6220773	0.59	cps
Indium	115-1	7137436	7107829	7084034	7109766	0.38	cps
Indium	115-2	2069802	2057188	2069475	2065488	0.35	cps
Iron	56-2	4873	4479	4695	4682	4.22	cps
Iron	57-2	161	189	106	152	27.94	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	PB139155BL	Instrumnet Name :	P7
Client Sample ID :	PBW155	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:04:00	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	961	811	1051	941	12.90	cps
Krypton	83-1	597	593	553	581	4.15	cps
Lead	206-1	811	639	800	750	12.85	cps
Lead	207-1	667	633	717	672	6.24	cps
Lead	208-1	3195	2950	3184	3109	4.44	cps
Lithium	6-1	2643658	2657409	2640866	2647311	0.33	cps
Magnesium	24-2	275	317	308	300	7.35	cps
Manganese	55-2	110	100	87	99	11.84	cps
Molybdenum	94-1	217	225	258	233	9.45	cps
Molybdenum	95-1	42	25	17	28	45.82	cps
Molybdenum	96-1	58	100	92	83	26.45	cps
Molybdenum	97-1	8	8	25	14	69.31	cps
Molybdenum	98-1	17	17	42	25	57.73	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	230	240	180	217	14.84	cps
Phosphorus	31-2	767	800	842	803	4.68	cps
Potassium	39-2	34390	33463	33004	33619	2.10	cps
Rhodium	103-1	6457323	6430628	6486701	6458218	0.43	cps
Rhodium	103-2	3810595	3790775	3788574	3796648	0.32	cps
Scandium	45-1	4037269	4071850	4051188	4053436	0.43	cps
Scandium	45-2	306188	301732	303169	303696	0.75	cps
Selenium	82-1	28	26	21	25	15.27	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	74	78	81	78	4.76	cps
Silicon	28-1	203831	210892	207869	207531	1.71	cps
Silver	107-1	58	108	108	92	31.50	cps
Silver	109-1	50	75	33	53	39.74	cps
Sodium	23-2	11396	11313	11363	11357	0.37	cps
Strontium	86-1	767	900	1125	931	19.46	cps
Strontium	88-1	233	350	133	239	45.39	cps
Sulfur	34-1	363489	371597	364457	366514	1.21	cps
Terbium	159-1	9882467	10019933	9879575	9927325	0.81	cps
Terbium	159-2	6120275	6062829	6034836	6072647	0.72	cps
Thallium	203-1	67	92	133	97	34.64	cps
Thallium	205-1	267	158	217	214	25.35	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	PB139155BL	Instrumnet Name :	P7
Client Sample ID :	PBW155	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:04:00	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	100	83	117	100	16.67	cps
Tin	118-1	1025	933	1033	997	5.56	cps
Titanium	47-1	58	42	67	56	22.91	cps
Uranium	238-1	8	17	25	17	50.01	cps
Vanadium	51-2	0	7	0	2	173.21	cps
Yttrium	89-1	11170261	11314534	11191339	11225378	0.69	cps
Yttrium	89-2	2459144	2446059	2464568	2456590	0.39	cps
Zinc	66-2	507	467	483	486	4.14	cps
Zirconium	90-1	700	517	583	600	15.47	cps
Zirconium	91-1	158	117	100	125	24.04	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	PB139155BS	Instrumnet Name :	P7
Client Sample ID :	LCS155	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:07:08	DataFile Name :	024LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5960	6143	6410	6171	3.67	cps
Antimony	121-1	30033	29907	30818	30253	1.63	cps
Arsenic	75-2	644	696	680	673	3.93	cps
Barium	135-1	37551	37024	37125	37234	0.75	cps
Barium	137-1	65429	65722	65161	65437	0.43	cps
Beryllium	9-1	3395	3689	3495	3526	4.25	cps
Bismuth	209-1	6670796	6841899	6769151	6760615	1.27	cps
Bismuth	209-2	4643398	4681534	4638873	4654601	0.50	cps
Boron	10-1	10446	11304	10462	10737	4.57	cps
Boron	11-1	47249	51730	48896	49292	4.60	cps
Bromine	81-1	6268	6643	6343	6418	3.09	cps
Bromine	81-2	40	70	20	43	58.08	cps
Cadmium	111-1	5126	5335	5499	5320	3.51	cps
Cadmium	106-1	4326	4768	4326	4473	5.70	cps
Cadmium	108-1	438	338	358	378	13.97	cps
Calcium	43-1	21249	21424	21741	21472	1.16	cps
Calcium	44-1	348985	353721	353959	352221	0.80	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	13333	13446	13703	13494	1.41	cps
Cobalt	59-2	9823	9803	9780	9802	0.22	cps
Copper	63-2	13930	13903	13600	13811	1.33	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	83	58	58	67	21.66	cps
Erbium	164-2	57	57	43	52	14.75	cps
Gadolinium	160-1	75	25	67	56	48.22	cps
Gadolinium	160-2	100	73	103	92	17.83	cps
Holmium	165-1	9746975	9734120	9737590	9739562	0.07	cps
Holmium	165-2	6162507	6205636	6181272	6183138	0.35	cps
Indium	115-1	6945911	7045669	6956492	6982691	0.78	cps
Indium	115-2	2027985	2034359	2068261	2043535	1.06	cps
Iron	56-2	1283795	1274365	1314534	1290898	1.63	cps
Iron	57-2	31902	31773	31272	31649	1.05	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	PB139155BS	Instrumnet Name :	P7
Client Sample ID :	LCS155	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:07:08	DataFile Name :	024LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	73366	71193	72822	72460	1.56	cps
Krypton	83-1	583	587	533	568	5.26	cps
Lead	206-1	15031	15170	15431	15211	1.34	cps
Lead	207-1	13485	14063	13312	13620	2.89	cps
Lead	208-1	61390	63399	62470	62420	1.61	cps
Lithium	6-1	2585459	2624117	2590303	2599960	0.81	cps
Magnesium	24-2	297383	301584	304826	301264	1.24	cps
Manganese	55-2	4467	4541	4961	4656	5.72	cps
Molybdenum	94-1	29832	30157	30157	30049	0.63	cps
Molybdenum	95-1	36631	37015	37817	37154	1.63	cps
Molybdenum	96-1	41435	40993	41661	41363	0.82	cps
Molybdenum	97-1	23027	23044	22026	22699	2.57	cps
Molybdenum	98-1	58997	58604	59993	59198	1.21	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	10	0	0	3	173.21	cps
Nickel	60-2	2974	2770	2984	2909	4.14	cps
Phosphorus	31-2	783	958	750	831	13.47	cps
Potassium	39-2	313415	312992	323177	316528	1.82	cps
Rhodium	103-1	6268557	6356995	6423941	6349831	1.23	cps
Rhodium	103-2	3731991	3744205	3786159	3754119	0.76	cps
Scandium	45-1	3949236	3991027	4055020	3998428	1.33	cps
Scandium	45-2	298960	298189	307573	301574	1.73	cps
Selenium	82-1	1213	1338	1282	1278	4.90	cps
Selenium	77-2	93	93	80	89	8.66	cps
Selenium	78-2	450	437	409	432	4.82	cps
Silicon	28-1	292820	294358	309290	298823	3.04	cps
Silver	107-1	18863	19097	18671	18877	1.13	cps
Silver	109-1	18429	18821	18245	18499	1.59	cps
Sodium	23-2	524527	528954	530243	527908	0.57	cps
Strontium	86-1	5968	5760	6160	5963	3.36	cps
Strontium	88-1	43115	43508	44034	43552	1.06	cps
Sulfur	34-1	357367	358362	369432	361721	1.85	cps
Terbium	159-1	9591122	9934817	9644449	9723463	1.90	cps
Terbium	159-2	6018913	6024306	6078492	6040570	0.55	cps
Thallium	203-1	17904	18263	18321	18163	1.24	cps
Thallium	205-1	41665	43121	42343	42376	1.72	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	PB139155BS	Instrumnet Name :	P7
Client Sample ID :	LCS155	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:07:08	DataFile Name :	024LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	94	117	106	106	10.52	cps
Tin	118-1	64113	64222	64648	64328	0.44	cps
Titanium	47-1	9995	9770	10229	9998	2.29	cps
Uranium	238-1	58916	60030	59285	59410	0.95	cps
Vanadium	51-2	26080	25232	26337	25883	2.23	cps
Yttrium	89-1	11071226	11174254	11155703	11133728	0.49	cps
Yttrium	89-2	2423307	2415460	2483027	2440598	1.51	cps
Zinc	66-2	6438	6395	6348	6394	0.70	cps
Zirconium	90-1	25097	24964	25273	25111	0.62	cps
Zirconium	91-1	5785	5268	5726	5593	5.06	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3747-08	Instrumnet Name :	P7
Client Sample ID :	A0AT8	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:10:15	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	90658	91345	88913	90305	1.39	cps
Antimony	121-1	45114	43744	45298	44719	1.90	cps
Arsenic	75-2	976	1039	1019	1011	3.18	cps
Barium	135-1	57101	56106	57260	56822	1.10	cps
Barium	137-1	98866	98019	98085	98324	0.48	cps
Beryllium	9-1	20002	19986	19529	19839	1.35	cps
Bismuth	209-1	6940246	6855022	6762144	6852471	1.30	cps
Bismuth	209-2	4733848	4643283	4643001	4673378	1.12	cps
Boron	10-1	867	742	867	825	8.75	cps
Boron	11-1	4401	3976	3884	4087	6.75	cps
Bromine	81-1	6752	6927	6135	6604	6.30	cps
Bromine	81-2	40	20	60	40	50.00	cps
Cadmium	111-1	803	795	805	801	0.69	cps
Cadmium	106-1	4034	3942	4001	3992	1.16	cps
Cadmium	108-1	29	21	17	22	28.64	cps
Calcium	43-1	10087	9770	10220	10026	2.31	cps
Calcium	44-1	161615	161176	163856	162216	0.89	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	30665	31006	31664	31112	1.63	cps
Cobalt	59-2	19049	19276	19573	19299	1.36	cps
Copper	63-2	32139	31935	31611	31895	0.83	cps
Dysprosium	156-1	8	0	25	11	114.58	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	75	67	50	64	19.92	cps
Erbium	164-2	33	53	30	39	32.45	cps
Gadolinium	160-1	58	50	67	58	14.29	cps
Gadolinium	160-2	97	120	113	110	10.92	cps
Holmium	165-1	9995383	9938990	9693503	9875959	1.63	cps
Holmium	165-2	6240554	6170748	6148692	6186665	0.78	cps
Indium	115-1	7127678	7040894	6986914	7051829	1.01	cps
Indium	115-2	2052030	2044426	2037664	2044707	0.35	cps
Iron	56-2	2084187	2070189	2061307	2071894	0.56	cps
Iron	57-2	51373	51819	50838	51343	0.96	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3747-08	Instrumnet Name :	P7
Client Sample ID :	A0AT8	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:10:15	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	116807	117665	116827	117099	0.42	cps
Krypton	83-1	593	580	583	586	1.18	cps
Lead	206-1	22781	23337	22981	23033	1.22	cps
Lead	207-1	20516	20204	20255	20325	0.82	cps
Lead	208-1	92287	93518	92175	92660	0.80	cps
Lithium	6-1	2674029	2613352	2589501	2625627	1.66	cps
Magnesium	24-2	78128	77257	76176	77187	1.27	cps
Manganese	55-2	6542	6528	6501	6524	0.31	cps
Molybdenum	94-1	217	175	200	197	10.63	cps
Molybdenum	95-1	25	25	33	28	17.31	cps
Molybdenum	96-1	67	67	50	61	15.75	cps
Molybdenum	97-1	8	8	0	6	86.60	cps
Molybdenum	98-1	33	67	33	44	43.31	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	5331	5208	4998	5179	3.26	cps
Phosphorus	31-2	892	742	825	819	9.17	cps
Potassium	39-2	173950	175645	175170	174922	0.50	cps
Rhodium	103-1	6445642	6469386	6446348	6453792	0.21	cps
Rhodium	103-2	3787855	3753647	3767531	3769677	0.46	cps
Scandium	45-1	3993198	3994412	4033641	4007084	0.57	cps
Scandium	45-2	303189	299957	301731	301626	0.54	cps
Selenium	82-1	1939	1904	2019	1954	3.02	cps
Selenium	77-2	170	137	177	161	13.30	cps
Selenium	78-2	548	620	637	602	7.85	cps
Silicon	28-1	219416	228369	241198	229661	4.77	cps
Silver	107-1	48759	51268	50181	50070	2.51	cps
Silver	109-1	47873	46050	47647	47190	2.11	cps
Sodium	23-2	243029	239329	240151	240836	0.81	cps
Strontium	86-1	1150	1108	1033	1097	5.39	cps
Strontium	88-1	775	683	667	708	8.24	cps
Sulfur	34-1	356614	359200	374293	363369	2.63	cps
Terbium	159-1	9931455	10046596	9780357	9919470	1.35	cps
Terbium	159-2	6106382	6051638	5985277	6047766	1.00	cps
Thallium	203-1	54520	53867	54637	54341	0.76	cps
Thallium	205-1	133909	133548	131215	132891	1.10	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3747-08	Instrumnet Name :	P7
Client Sample ID :	A0AT8	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:10:15	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	133	78	150	120	31.42	cps
Tin	118-1	775	783	675	744	8.10	cps
Titanium	47-1	92	125	108	108	15.39	cps
Uranium	238-1	0	33	17	17	99.99	cps
Vanadium	51-2	17904	17551	17053	17503	2.44	cps
Yttrium	89-1	11191991	11143362	11138732	11158029	0.26	cps
Yttrium	89-2	2438683	2458096	2414888	2437222	0.89	cps
Zinc	66-2	6105	5978	6268	6117	2.38	cps
Zirconium	90-1	567	508	608	561	8.95	cps
Zirconium	91-1	150	67	158	125	40.55	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3748-08	Instrumnet Name :	P7
Client Sample ID :	A0AW0	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:13:22	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	74008	73647	74326	73994	0.46	cps
Antimony	121-1	93653	93761	92395	93269	0.81	cps
Arsenic	75-2	1700	1613	1783	1699	5.02	cps
Barium	135-1	42	42	50	44	10.82	cps
Barium	137-1	67	75	58	67	12.50	cps
Beryllium	9-1	5168	5045	4929	5047	2.37	cps
Bismuth	209-1	6767091	6866648	6686971	6773570	1.33	cps
Bismuth	209-2	4622746	4688431	4633494	4648224	0.76	cps
Boron	10-1	667	567	633	622	8.18	cps
Boron	11-1	2909	2734	2959	2867	4.12	cps
Bromine	81-1	6076	6360	5976	6138	3.24	cps
Bromine	81-2	30	80	130	80	62.50	cps
Cadmium	111-1	6875	6679	6616	6723	2.00	cps
Cadmium	106-1	4818	4609	4434	4620	4.16	cps
Cadmium	108-1	463	438	413	438	5.72	cps
Calcium	43-1	17636	18162	17319	17705	2.40	cps
Calcium	44-1	290186	290468	286875	289176	0.69	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19556	18725	19610	19297	2.57	cps
Cobalt	59-2	15391	15034	14677	15034	2.37	cps
Copper	63-2	21426	20588	21069	21027	2.00	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	58	25	17	33	66.14	cps
Erbium	164-2	30	57	37	41	33.76	cps
Gadolinium	160-1	58	17	33	36	58.08	cps
Gadolinium	160-2	90	140	83	104	29.66	cps
Holmium	165-1	9830397	9896394	9683854	9803548	1.11	cps
Holmium	165-2	6144940	6276521	6146316	6189259	1.22	cps
Indium	115-1	7034592	7042444	6959954	7012330	0.65	cps
Indium	115-2	2057516	2062446	2059072	2059678	0.12	cps
Iron	56-2	561050	553048	561989	558695	0.88	cps
Iron	57-2	13918	14063	14057	14012	0.58	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3748-08	Instrumnet Name :	P7
Client Sample ID :	A0AW0	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:13:22	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	33000	31827	31958	32262	1.99	cps
Krypton	83-1	597	590	580	589	1.42	cps
Lead	206-1	59638	61380	60665	60561	1.45	cps
Lead	207-1	51700	53585	53173	52819	1.88	cps
Lead	208-1	238691	245369	241830	241963	1.38	cps
Lithium	6-1	2623609	2674813	2587090	2628504	1.68	cps
Magnesium	24-2	100158	100351	102021	100843	1.02	cps
Manganese	55-2	14858	15068	15041	14989	0.76	cps
Molybdenum	94-1	200	175	233	203	14.43	cps
Molybdenum	95-1	50	25	8	28	75.51	cps
Molybdenum	96-1	117	100	83	100	16.66	cps
Molybdenum	97-1	8	33	25	22	57.29	cps
Molybdenum	98-1	50	17	42	36	48.03	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	3924	4141	3881	3982	3.50	cps
Phosphorus	31-2	850	692	883	808	12.67	cps
Potassium	39-2	206530	205207	207256	206331	0.50	cps
Rhodium	103-1	6508639	6359897	6339096	6402544	1.44	cps
Rhodium	103-2	3739781	3797097	3765734	3767537	0.76	cps
Scandium	45-1	4045108	4004982	3956304	4002132	1.11	cps
Scandium	45-2	302459	301112	303259	302276	0.36	cps
Selenium	82-1	1868	2051	1925	1948	4.81	cps
Selenium	77-2	147	180	197	174	14.59	cps
Selenium	78-2	606	630	635	623	2.53	cps
Silicon	28-1	229129	224272	236447	229949	2.67	cps
Silver	107-1	31519	30726	29456	30567	3.40	cps
Silver	109-1	29122	29523	28930	29192	1.04	cps
Sodium	23-2	199145	198809	196444	198132	0.74	cps
Strontium	86-1	967	1108	1233	1103	12.10	cps
Strontium	88-1	1092	1067	1075	1078	1.18	cps
Sulfur	34-1	360959	345547	356587	354364	2.24	cps
Terbium	159-1	10003484	9812428	9687285	9834399	1.62	cps
Terbium	159-2	5993115	6128419	6008239	6043258	1.23	cps
Thallium	203-1	26844	28306	27888	27679	2.72	cps
Thallium	205-1	67252	68007	68250	67836	0.77	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3748-08	Instrumnet Name :	P7
Client Sample ID :	A0AW0	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:13:22	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	106	111	89	102	11.35	cps
Tin	118-1	667	650	567	628	8.53	cps
Titanium	47-1	75	100	42	72	40.52	cps
Uranium	238-1	17	8	25	17	50.01	cps
Vanadium	51-2	9963	9943	9647	9851	1.80	cps
Yttrium	89-1	11177010	11210233	10925079	11104107	1.40	cps
Yttrium	89-2	2465375	2436481	2445543	2449133	0.60	cps
Zinc	66-2	8926	8943	8950	8939	0.13	cps
Zirconium	90-1	625	550	625	600	7.22	cps
Zirconium	91-1	133	150	83	122	28.39	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3747-09	Instrumnet Name :	P7
Client Sample ID :	A0AZ9	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:16:29	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2134	1950	1750	1945	9.86	cps
Antimony	121-1	258	183	250	231	17.83	cps
Arsenic	75-2	13	6	13	10	40.72	cps
Barium	135-1	683	775	617	692	11.49	cps
Barium	137-1	1233	1225	1183	1214	2.21	cps
Beryllium	9-1	56	72	56	61	15.74	cps
Bismuth	209-1	6815999	6890540	6867332	6857957	0.56	cps
Bismuth	209-2	4685373	4661289	4706547	4684403	0.48	cps
Boron	10-1	1075	967	1092	1045	6.50	cps
Boron	11-1	5393	5376	5476	5415	0.99	cps
Bromine	81-1	7252	7394	7060	7235	2.31	cps
Bromine	81-2	140	190	130	153	20.96	cps
Cadmium	111-1	748	788	782	773	2.77	cps
Cadmium	106-1	3817	4101	3909	3942	3.67	cps
Cadmium	108-1	33	46	29	36	24.01	cps
Calcium	43-1	1208	1192	1342	1247	6.59	cps
Calcium	44-1	22125	21516	22300	21981	1.87	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1810	1750	1697	1752	3.24	cps
Cobalt	59-2	127	83	63	91	35.54	cps
Copper	63-2	8933	9193	8589	8905	3.40	cps
Dysprosium	156-1	33	17	17	22	43.28	cps
Dysprosium	156-2	20	3	20	14	66.64	cps
Erbium	164-1	100	67	75	81	21.53	cps
Erbium	164-2	37	47	47	43	13.32	cps
Gadolinium	160-1	92	67	33	64	45.81	cps
Gadolinium	160-2	133	97	97	109	19.44	cps
Holmium	165-1	10068219	9921560	9972427	9987402	0.75	cps
Holmium	165-2	6221121	6222086	6291657	6244954	0.65	cps
Indium	115-1	7109138	7214100	7118604	7147281	0.81	cps
Indium	115-2	2062989	2076737	2076673	2072133	0.38	cps
Iron	56-2	63710	63509	61997	63072	1.48	cps
Iron	57-2	1578	1717	1583	1626	4.84	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3747-09	Instrumnet Name :	P7
Client Sample ID :	A0AZ9	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:16:29	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	4155	4215	3824	4065	5.17	cps
Krypton	83-1	660	620	573	618	7.02	cps
Lead	206-1	3228	3662	3517	3469	6.36	cps
Lead	207-1	2884	3056	3373	3104	7.99	cps
Lead	208-1	13631	13959	14142	13910	1.86	cps
Lithium	6-1	2660846	2683425	2677468	2673913	0.44	cps
Magnesium	24-2	1450	1533	1675	1553	7.33	cps
Manganese	55-2	2164	2310	2410	2295	5.41	cps
Molybdenum	94-1	383	300	333	339	12.38	cps
Molybdenum	95-1	125	183	167	158	18.98	cps
Molybdenum	96-1	225	175	242	214	16.22	cps
Molybdenum	97-1	50	100	83	78	32.73	cps
Molybdenum	98-1	292	325	200	272	23.78	cps
Neodymium	150-1	13	7	20	13	49.99	cps
Neodymium	150-2	7	13	7	9	43.25	cps
Nickel	60-2	550	573	470	531	10.20	cps
Phosphorus	31-2	792	792	783	789	0.61	cps
Potassium	39-2	50185	49935	47409	49176	3.12	cps
Rhodium	103-1	6501827	6505783	6407141	6471584	0.86	cps
Rhodium	103-2	3786132	3808955	3797267	3797451	0.30	cps
Scandium	45-1	4049942	4040739	4052235	4047639	0.15	cps
Scandium	45-2	301829	304776	302177	302927	0.53	cps
Selenium	82-1	-53	-25	39	-13	-365.85	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	104	109	89	101	10.46	cps
Silicon	28-1	261129	255309	254577	257005	1.40	cps
Silver	107-1	842	825	792	819	3.11	cps
Silver	109-1	792	717	817	775	6.72	cps
Sodium	23-2	27292	27818	27317	27476	1.08	cps
Strontium	86-1	1642	1433	1433	1503	8.00	cps
Strontium	88-1	3225	3275	3200	3234	1.18	cps
Sulfur	34-1	361890	356183	355098	357724	1.02	cps
Terbium	159-1	10045065	9991129	9995110	10010435	0.30	cps
Terbium	159-2	6060183	6069081	6136646	6088637	0.69	cps
Thallium	203-1	75	58	50	61	20.83	cps
Thallium	205-1	117	225	258	200	37.03	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3747-09	Instrumnet Name :	P7
Client Sample ID :	A0AZ9	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:16:29	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	106	133	111	117	12.60	cps
Tin	118-1	1233	1150	1642	1342	19.64	cps
Titanium	47-1	258	283	242	261	8.03	cps
Uranium	238-1	100	50	17	56	75.49	cps
Vanadium	51-2	53	50	53	52	3.68	cps
Yttrium	89-1	11115991	11405727	11116562	11212760	1.49	cps
Yttrium	89-2	2466083	2485982	2471218	2474428	0.42	cps
Zinc	66-2	5054	4941	5088	5028	1.53	cps
Zirconium	90-1	967	742	725	811	16.65	cps
Zirconium	91-1	217	108	100	142	45.94	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3747-10	Instrumnet Name :	P7
Client Sample ID :	A0B00	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:19:37	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	375	508	500	461	16.20	cps
Antimony	121-1	150	108	158	139	19.29	cps
Arsenic	75-2	7	6	6	6	17.29	cps
Barium	135-1	392	342	408	381	9.12	cps
Barium	137-1	583	608	842	678	21.02	cps
Beryllium	9-1	44	78	56	59	28.64	cps
Bismuth	209-1	6885319	6855214	6742598	6827710	1.10	cps
Bismuth	209-2	4663668	4702197	4684852	4683572	0.41	cps
Boron	10-1	1275	1225	1092	1197	7.92	cps
Boron	11-1	5326	5318	4926	5190	4.41	cps
Bromine	81-1	6652	6994	6702	6782	2.72	cps
Bromine	81-2	90	120	100	103	14.78	cps
Cadmium	111-1	766	758	691	738	5.56	cps
Cadmium	106-1	4051	3951	3592	3865	6.24	cps
Cadmium	108-1	63	58	63	61	3.94	cps
Calcium	43-1	1083	1342	1208	1211	10.67	cps
Calcium	44-1	23227	24446	23795	23823	2.56	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1427	1310	1347	1361	4.38	cps
Cobalt	59-2	33	40	33	36	10.83	cps
Copper	63-2	1200	1313	1330	1281	5.52	cps
Dysprosium	156-1	25	17	25	22	21.64	cps
Dysprosium	156-2	17	3	10	10	66.70	cps
Erbium	164-1	58	117	50	75	48.43	cps
Erbium	164-2	30	33	30	31	6.18	cps
Gadolinium	160-1	50	75	67	64	19.92	cps
Gadolinium	160-2	97	110	83	97	13.79	cps
Holmium	165-1	9916267	9974962	9873662	9921630	0.51	cps
Holmium	165-2	6216963	6210875	6236243	6221360	0.21	cps
Indium	115-1	7077025	7123146	7049893	7083355	0.52	cps
Indium	115-2	2062323	2064953	2085744	2071007	0.62	cps
Iron	56-2	18784	17978	19063	18608	3.03	cps
Iron	57-2	517	606	578	567	8.02	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3747-10	Instrumnet Name :	P7
Client Sample ID :	A0B00	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:19:37	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1912	1732	1732	1792	5.81	cps
Krypton	83-1	597	677	583	619	8.16	cps
Lead	206-1	1345	1333	1317	1332	1.05	cps
Lead	207-1	1195	1183	1100	1159	4.45	cps
Lead	208-1	5389	5473	5201	5354	2.61	cps
Lithium	6-1	2659040	2659917	2629749	2649569	0.65	cps
Magnesium	24-2	1250	1333	1175	1253	6.32	cps
Manganese	55-2	690	720	753	721	4.39	cps
Molybdenum	94-1	258	225	300	261	14.39	cps
Molybdenum	95-1	67	25	33	42	52.92	cps
Molybdenum	96-1	92	108	58	86	29.56	cps
Molybdenum	97-1	42	33	25	33	25.01	cps
Molybdenum	98-1	33	33	83	50	57.75	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	253	287	260	267	6.61	cps
Phosphorus	31-2	858	808	733	800	7.86	cps
Potassium	39-2	42027	40648	42587	41754	2.39	cps
Rhodium	103-1	6441450	6399012	6459116	6433193	0.48	cps
Rhodium	103-2	3777318	3785292	3834218	3798943	0.81	cps
Scandium	45-1	4031070	4057086	4034838	4040998	0.35	cps
Scandium	45-2	306089	299538	306722	304116	1.31	cps
Selenium	82-1	26	-104	-13	-30	-218.40	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	78	124	85	96	25.99	cps
Silicon	28-1	225114	228068	237084	230089	2.71	cps
Silver	107-1	150	125	100	125	20.00	cps
Silver	109-1	42	83	67	64	32.83	cps
Sodium	23-2	24111	22843	24203	23719	3.21	cps
Strontium	86-1	1042	1133	1175	1117	6.11	cps
Strontium	88-1	1150	1117	1092	1120	2.61	cps
Sulfur	34-1	360141	366909	372971	366674	1.75	cps
Terbium	159-1	10021546	9928188	9874215	9941317	0.75	cps
Terbium	159-2	6039313	6068077	6119855	6075748	0.67	cps
Thallium	203-1	42	58	17	39	53.92	cps
Thallium	205-1	100	142	150	131	20.52	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3747-10	Instrumnet Name :	P7
Client Sample ID :	A0B00	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:19:37	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	128	117	128	124	5.17	cps
Tin	118-1	1258	1200	1158	1206	4.17	cps
Titanium	47-1	150	242	233	208	24.33	cps
Uranium	238-1	42	8	33	28	62.46	cps
Vanadium	51-2	13	30	23	22	37.76	cps
Yttrium	89-1	11409769	11240669	11229682	11293373	0.89	cps
Yttrium	89-2	2464788	2448601	2484241	2465877	0.72	cps
Zinc	66-2	2344	2440	2294	2359	3.16	cps
Zirconium	90-1	642	608	708	653	7.80	cps
Zirconium	91-1	250	208	125	194	32.73	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3747-01	Instrumnet Name :	P7
Client Sample ID :	A0AM1	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:27:11	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14816	14816	14499	14710	1.24	cps
Antimony	121-1	992	967	842	933	8.61	cps
Arsenic	75-2	194	150	156	167	14.53	cps
Barium	135-1	101301	100268	102248	101272	0.98	cps
Barium	137-1	178028	178010	177891	177976	0.04	cps
Beryllium	9-1	139	117	133	130	8.92	cps
Bismuth	209-1	6762110	6892477	6910391	6854993	1.18	cps
Bismuth	209-2	4705160	4638309	4673677	4672382	0.72	cps
Boron	10-1	3684	3501	3851	3678	4.76	cps
Boron	11-1	16551	16785	17761	17032	3.77	cps
Bromine	81-1	34057	39430	45388	39625	14.30	cps
Bromine	81-2	6839	6709	6999	6849	2.12	cps
Cadmium	111-1	754	761	759	758	0.45	cps
Cadmium	106-1	3726	3659	3642	3676	1.20	cps
Cadmium	108-1	17	0	4	7	124.88	cps
Calcium	43-1	203287	206590	208211	206029	1.22	cps
Calcium	44-1	3345505	3354494	3339955	3346651	0.22	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2654	2560	2724	2646	3.10	cps
Cobalt	59-2	1190	1200	1240	1210	2.19	cps
Copper	63-2	2650	2477	2634	2587	3.70	cps
Dysprosium	156-1	575	458	458	497	13.55	cps
Dysprosium	156-2	280	250	327	286	13.53	cps
Erbium	164-1	417	500	617	511	19.66	cps
Erbium	164-2	363	357	333	351	4.49	cps
Gadolinium	160-1	450	558	558	522	11.98	cps
Gadolinium	160-2	467	430	403	433	7.34	cps
Holmium	165-1	10025530	10152262	10054006	10077266	0.66	cps
Holmium	165-2	6286293	6282837	6250596	6273242	0.31	cps
Indium	115-1	7182604	7169753	7131249	7161202	0.37	cps
Indium	115-2	2055677	2046027	2042676	2048127	0.33	cps
Iron	56-2	3974323	3948493	3918938	3947251	0.70	cps
Iron	57-2	99663	99573	98192	99143	0.83	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3747-01	Instrumnet Name :	P7
Client Sample ID :	A0AM1	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:27:11	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	222711	218080	217449	219414	1.31	cps
Krypton	83-1	603	500	647	583	12.92	cps
Lead	206-1	5913	5729	6263	5968	4.54	cps
Lead	207-1	4612	5051	4962	4875	4.76	cps
Lead	208-1	22703	23042	23358	23034	1.42	cps
Lithium	6-1	2678917	2705617	2704928	2696487	0.56	cps
Magnesium	24-2	619123	613608	603777	612169	1.27	cps
Manganese	55-2	234153	230483	227165	230600	1.52	cps
Molybdenum	94-1	1183	1092	1258	1178	7.09	cps
Molybdenum	95-1	1433	1450	1433	1439	0.67	cps
Molybdenum	96-1	1633	1675	1533	1614	4.51	cps
Molybdenum	97-1	917	883	933	911	2.79	cps
Molybdenum	98-1	2284	2392	2100	2259	6.53	cps
Neodymium	150-1	580	720	627	642	11.10	cps
Neodymium	150-2	383	250	360	331	21.50	cps
Nickel	60-2	967	937	977	960	2.17	cps
Phosphorus	31-2	1058	1225	1183	1156	7.51	cps
Potassium	39-2	576595	566485	561952	568344	1.32	cps
Rhodium	103-1	6458395	6353780	6343607	6385261	1.00	cps
Rhodium	103-2	3767923	3715486	3715290	3732900	0.81	cps
Scandium	45-1	4030875	4083344	4053268	4055829	0.65	cps
Scandium	45-2	302096	302940	296407	300481	1.18	cps
Selenium	82-1	9	153	-36	42	233.77	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	107	106	109	107	1.72	cps
Silicon	28-1	16145134	16431198	16089778	16222037	1.13	cps
Silver	107-1	133	58	108	100	38.19	cps
Silver	109-1	33	67	67	56	34.65	cps
Sodium	23-2	20451447	20144966	19787595	20128003	1.65	cps
Strontium	86-1	158515	160258	161564	160112	0.96	cps
Strontium	88-1	1378750	1398663	1390889	1389434	0.72	cps
Sulfur	34-1	410322	418830	411515	413556	1.11	cps
Terbium	159-1	9935114	10173270	10099716	10069367	1.21	cps
Terbium	159-2	6127981	6108489	6086225	6107565	0.34	cps
Thallium	203-1	217	200	175	197	10.63	cps
Thallium	205-1	425	367	517	436	17.34	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3747-01	Instrumnet Name :	P7
Client Sample ID :	A0AM1	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:27:11	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	1106	889	939	978	11.60	cps
Tin	118-1	1984	1934	1925	1947	1.62	cps
Titanium	47-1	2092	2134	2284	2170	4.65	cps
Uranium	238-1	1100	1008	1083	1064	4.59	cps
Vanadium	51-2	1543	1317	1513	1458	8.45	cps
Yttrium	89-1	11285451	11568714	11298590	11384251	1.40	cps
Yttrium	89-2	2466651	2460879	2409518	2445683	1.29	cps
Zinc	66-2	8993	8809	8736	8846	1.50	cps
Zirconium	90-1	1108	1175	1158	1147	3.02	cps
Zirconium	91-1	267	225	208	233	12.88	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3747-02	Instrumnet Name :	P7
Client Sample ID :	A0AM3	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:30:17	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15784	16368	16076	16076	1.82	cps
Antimony	121-1	1017	958	1025	1000	3.63	cps
Arsenic	75-2	170	163	191	175	8.23	cps
Barium	135-1	101703	101786	100419	101303	0.76	cps
Barium	137-1	176912	177749	179326	177996	0.69	cps
Beryllium	9-1	133	111	117	120	9.61	cps
Bismuth	209-1	6836290	6788623	6793808	6806240	0.38	cps
Bismuth	209-2	4550962	4583738	4550136	4561612	0.42	cps
Boron	10-1	3634	3492	3801	3642	4.24	cps
Boron	11-1	16251	16484	17152	16629	2.81	cps
Bromine	81-1	38611	41728	45614	41984	8.36	cps
Bromine	81-2	6518	6558	6909	6662	3.23	cps
Cadmium	111-1	806	813	731	783	5.78	cps
Cadmium	106-1	3984	3959	3584	3842	5.83	cps
Cadmium	108-1	29	17	21	22	28.64	cps
Calcium	43-1	200333	200093	197499	199308	0.79	cps
Calcium	44-1	3226982	3216677	3221418	3221692	0.16	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2164	2034	2184	2127	3.83	cps
Cobalt	59-2	1493	1347	1277	1372	8.06	cps
Copper	63-2	3554	3394	3330	3426	3.36	cps
Dysprosium	156-1	608	575	750	644	14.42	cps
Dysprosium	156-2	253	320	307	293	12.03	cps
Erbium	164-1	550	700	592	614	12.61	cps
Erbium	164-2	307	393	373	358	12.68	cps
Gadolinium	160-1	617	533	433	528	17.39	cps
Gadolinium	160-2	410	433	450	431	4.66	cps
Holmium	165-1	10061164	9793042	9758816	9871007	1.68	cps
Holmium	165-2	6096930	6102395	6083453	6094259	0.16	cps
Indium	115-1	6969155	6921617	6847077	6912616	0.89	cps
Indium	115-2	1965314	1962072	1961870	1963085	0.10	cps
Iron	56-2	4194614	4163780	4139125	4165840	0.67	cps
Iron	57-2	105475	104960	103719	104718	0.86	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3747-02	Instrumnet Name :	P7
Client Sample ID :	A0AM3	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:30:17	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	237005	230458	227611	231692	2.08	cps
Krypton	83-1	587	483	593	554	11.12	cps
Lead	206-1	5701	5929	5629	5753	2.72	cps
Lead	207-1	4907	4984	5112	5001	2.08	cps
Lead	208-1	22758	22674	22669	22700	0.22	cps
Lithium	6-1	2601478	2552742	2577522	2577248	0.95	cps
Magnesium	24-2	579801	578002	577874	578559	0.19	cps
Manganese	55-2	265919	262118	260513	262850	1.06	cps
Molybdenum	94-1	1242	1083	1242	1189	7.69	cps
Molybdenum	95-1	1442	1267	1600	1436	11.61	cps
Molybdenum	96-1	1542	1675	1642	1620	4.29	cps
Molybdenum	97-1	1000	792	842	878	12.39	cps
Molybdenum	98-1	2392	2442	2242	2359	4.41	cps
Neodymium	150-1	647	700	733	693	6.31	cps
Neodymium	150-2	407	330	337	358	11.87	cps
Nickel	60-2	897	933	907	912	2.08	cps
Phosphorus	31-2	1333	1200	1192	1242	6.40	cps
Potassium	39-2	553345	550429	543897	549224	0.88	cps
Rhodium	103-1	6338482	6143922	6096075	6192827	2.07	cps
Rhodium	103-2	3585776	3573822	3587939	3582512	0.21	cps
Scandium	45-1	3888065	3856613	3831509	3858729	0.73	cps
Scandium	45-2	283193	284434	282041	283223	0.42	cps
Selenium	82-1	-15	150	46	60	138.22	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	83	109	111	101	15.34	cps
Silicon	28-1	16146185	16158580	15978292	16094352	0.63	cps
Silver	107-1	108	75	75	86	22.35	cps
Silver	109-1	75	75	50	67	21.65	cps
Sodium	23-2	18801485	18679996	18455658	18645713	0.94	cps
Strontium	86-1	156341	153840	154757	154979	0.82	cps
Strontium	88-1	1352936	1341110	1324623	1339556	1.06	cps
Sulfur	34-1	380734	387277	384207	384073	0.85	cps
Terbium	159-1	10067523	9719764	9831703	9872997	1.80	cps
Terbium	159-2	5908783	5924161	5934579	5922508	0.22	cps
Thallium	203-1	158	142	158	153	6.30	cps
Thallium	205-1	400	442	392	411	6.52	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3747-02	Instrumnet Name :	P7
Client Sample ID :	A0AM3	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:30:17	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	1100	1078	956	1045	7.45	cps
Tin	118-1	1183	1525	1275	1328	13.32	cps
Titanium	47-1	2650	2334	2425	2470	6.60	cps
Uranium	238-1	1267	1150	1008	1142	11.33	cps
Vanadium	51-2	1573	1563	1607	1581	1.44	cps
Yttrium	89-1	11051191	10781898	10676130	10836407	1.78	cps
Yttrium	89-2	2354280	2337434	2339386	2343700	0.39	cps
Zinc	66-2	3194	3204	3027	3141	3.16	cps
Zirconium	90-1	1267	1033	1133	1145	10.23	cps
Zirconium	91-1	200	242	233	225	9.80	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3747-03	Instrumnet Name :	P7
Client Sample ID :	A0AM5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:33:23	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13106	13231	13615	13317	1.99	cps
Antimony	121-1	908	792	950	883	9.29	cps
Arsenic	75-2	144	146	169	153	8.75	cps
Barium	135-1	98288	97607	99890	98595	1.19	cps
Barium	137-1	172110	171935	172594	172213	0.20	cps
Beryllium	9-1	94	78	133	102	27.99	cps
Bismuth	209-1	6775016	6761910	6840556	6792494	0.62	cps
Bismuth	209-2	4539930	4561256	4606556	4569247	0.74	cps
Boron	10-1	3601	3776	3859	3745	3.52	cps
Boron	11-1	16885	16843	17369	17032	1.72	cps
Bromine	81-1	36990	42095	45397	41494	10.21	cps
Bromine	81-2	6779	6658	6979	6805	2.38	cps
Cadmium	111-1	792	788	751	777	2.91	cps
Cadmium	106-1	3876	3884	3859	3873	0.33	cps
Cadmium	108-1	29	8	42	26	63.82	cps
Calcium	43-1	202300	200278	200650	201076	0.54	cps
Calcium	44-1	3208943	3262552	3233246	3234913	0.83	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2214	1963	2020	2066	6.35	cps
Cobalt	59-2	1107	1207	1137	1150	4.46	cps
Copper	63-2	2620	2447	2614	2560	3.84	cps
Dysprosium	156-1	492	592	533	539	9.32	cps
Dysprosium	156-2	297	307	243	282	12.06	cps
Erbium	164-1	533	483	575	531	8.65	cps
Erbium	164-2	343	293	327	321	7.93	cps
Gadolinium	160-1	608	583	617	603	2.88	cps
Gadolinium	160-2	380	470	447	432	10.81	cps
Holmium	165-1	9826373	9807494	9899951	9844606	0.50	cps
Holmium	165-2	6054632	6067133	6104789	6075518	0.43	cps
Indium	115-1	6640240	6737514	6744397	6707384	0.87	cps
Indium	115-2	1930101	1929555	1930286	1929981	0.02	cps
Iron	56-2	3804153	3759896	3773730	3779260	0.60	cps
Iron	57-2	96006	95284	94601	95297	0.74	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3747-03	Instrumnet Name :	P7
Client Sample ID :	A0AM5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:33:23	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	208189	209823	207774	208596	0.52	cps
Krypton	83-1	567	560	587	571	2.43	cps
Lead	206-1	4795	5340	4957	5031	5.56	cps
Lead	207-1	4412	4340	4217	4323	2.27	cps
Lead	208-1	19506	19706	19717	19643	0.61	cps
Lithium	6-1	2495020	2492758	2480956	2489578	0.30	cps
Magnesium	24-2	605378	598405	601220	601668	0.58	cps
Manganese	55-2	217338	216904	215849	216697	0.35	cps
Molybdenum	94-1	1033	1125	1175	1111	6.47	cps
Molybdenum	95-1	1308	1225	1183	1239	5.14	cps
Molybdenum	96-1	1483	1292	1408	1395	6.93	cps
Molybdenum	97-1	725	808	817	783	6.47	cps
Molybdenum	98-1	2159	2067	1975	2067	4.44	cps
Neodymium	150-1	640	573	653	622	6.89	cps
Neodymium	150-2	317	397	353	356	11.26	cps
Nickel	60-2	737	830	797	788	6.00	cps
Phosphorus	31-2	1050	925	950	975	6.79	cps
Potassium	39-2	531409	532245	525935	529863	0.65	cps
Rhodium	103-1	5961316	5972395	6025009	5986240	0.57	cps
Rhodium	103-2	3523004	3492885	3523333	3513074	0.50	cps
Scandium	45-1	3676785	3708688	3713754	3699742	0.54	cps
Scandium	45-2	277726	274389	273941	275352	0.75	cps
Selenium	82-1	72	3	10	28	134.88	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	115	74	76	88	26.07	cps
Silicon	28-1	15581332	16010854	15793237	15795141	1.36	cps
Silver	107-1	83	75	167	108	46.79	cps
Silver	109-1	75	25	67	56	48.22	cps
Sodium	23-2	21270253	21091009	21153394	21171552	0.43	cps
Strontium	86-1	158219	156088	158598	157635	0.86	cps
Strontium	88-1	1355342	1360408	1360385	1358712	0.21	cps
Sulfur	34-1	363682	367647	362837	364722	0.70	cps
Terbium	159-1	9672885	9674340	9919730	9755652	1.46	cps
Terbium	159-2	5884273	5831205	5915183	5876887	0.72	cps
Thallium	203-1	108	133	175	139	24.25	cps
Thallium	205-1	350	375	383	369	4.70	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3747-03	Instrumnet Name :	P7
Client Sample ID :	A0AM5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:33:23	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	1250	1095	1161	1169	6.68	cps
Tin	118-1	1392	1567	1442	1467	6.15	cps
Titanium	47-1	2059	1859	2292	2070	10.48	cps
Uranium	238-1	1167	1083	1117	1122	3.74	cps
Vanadium	51-2	1303	1380	1327	1337	2.94	cps
Yttrium	89-1	10422309	10441414	10583422	10482382	0.84	cps
Yttrium	89-2	2284530	2274985	2282011	2280509	0.22	cps
Zinc	66-2	3951	3777	3771	3833	2.66	cps
Zirconium	90-1	1183	1025	1050	1086	7.84	cps
Zirconium	91-1	175	242	183	200	18.16	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3747-04	Instrumnet Name :	P7
Client Sample ID :	A0AN5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:36:30	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	52300	51924	52501	52241	0.56	cps
Antimony	121-1	1208	1308	1050	1189	10.96	cps
Arsenic	75-2	626	580	648	618	5.66	cps
Barium	135-1	140705	138070	140781	139852	1.10	cps
Barium	137-1	244094	244406	249155	245885	1.15	cps
Beryllium	9-1	133	150	189	157	18.11	cps
Bismuth	209-1	6753398	6720469	6765003	6746290	0.34	cps
Bismuth	209-2	4494640	4525877	4520675	4513731	0.37	cps
Boron	10-1	3434	3892	3384	3570	7.85	cps
Boron	11-1	15934	17135	17352	16807	4.55	cps
Bromine	81-1	35536	40282	43667	39828	10.25	cps
Bromine	81-2	6488	6919	6298	6568	4.84	cps
Cadmium	111-1	955	868	876	900	5.36	cps
Cadmium	106-1	3934	3734	3617	3762	4.26	cps
Cadmium	108-1	33	42	38	38	11.12	cps
Calcium	43-1	379871	382133	382996	381667	0.42	cps
Calcium	44-1	5782968	5792350	5813058	5796126	0.27	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	32686	33702	33501	33296	1.62	cps
Cobalt	59-2	27315	27486	27289	27363	0.39	cps
Copper	63-2	9863	10484	10127	10158	3.07	cps
Dysprosium	156-1	1200	1350	1167	1239	7.88	cps
Dysprosium	156-2	690	703	753	716	4.67	cps
Erbium	164-1	1408	1217	1258	1295	7.79	cps
Erbium	164-2	777	877	740	798	8.87	cps
Gadolinium	160-1	1283	1325	1450	1353	6.41	cps
Gadolinium	160-2	893	863	787	848	6.49	cps
Holmium	165-1	9703631	9664598	9715856	9694695	0.28	cps
Holmium	165-2	6017575	6002643	5969327	5996515	0.41	cps
Indium	115-1	6716349	6636217	6631426	6661331	0.72	cps
Indium	115-2	1901912	1899186	1900305	1900468	0.07	cps
Iron	56-2	28967290	29080855	28485554	28844566	1.10	cps
Iron	57-2	736809	733730	730166	733568	0.45	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3747-04	Instrumnet Name :	P7
Client Sample ID :	A0AN5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:36:30	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1619284	1621468	1600674	1613809	0.71	cps
Krypton	83-1	500	597	523	540	9.34	cps
Lead	206-1	41971	42066	41872	41970	0.23	cps
Lead	207-1	33849	34506	34645	34333	1.24	cps
Lead	208-1	161644	164203	163124	162990	0.79	cps
Lithium	6-1	2444650	2436084	2422312	2434349	0.46	cps
Magnesium	24-2	1002020	1009963	1002231	1004738	0.45	cps
Manganese	55-2	1987281	1997136	1981870	1988762	0.39	cps
Molybdenum	94-1	1683	1725	1458	1622	8.84	cps
Molybdenum	95-1	1567	1475	1383	1475	6.21	cps
Molybdenum	96-1	1817	1708	1583	1703	6.86	cps
Molybdenum	97-1	817	1000	900	906	10.14	cps
Molybdenum	98-1	2059	2417	2184	2220	8.20	cps
Neodymium	150-1	1833	1753	1940	1842	5.08	cps
Neodymium	150-2	843	873	837	851	2.29	cps
Nickel	60-2	3027	2970	3034	3010	1.16	cps
Phosphorus	31-2	1158	1200	1242	1200	3.47	cps
Potassium	39-2	290146	289154	292654	290651	0.62	cps
Rhodium	103-1	5970509	5855261	5891402	5905724	1.00	cps
Rhodium	103-2	3462943	3463947	3484703	3470531	0.35	cps
Scandium	45-1	3658589	3631432	3649550	3646524	0.38	cps
Scandium	45-2	269252	271623	274583	271819	0.98	cps
Selenium	82-1	36	-15	56	25	143.71	cps
Selenium	77-2	0	17	0	6	173.21	cps
Selenium	78-2	78	81	63	74	13.23	cps
Silicon	28-1	28150838	28409604	28166844	28242429	0.51	cps
Silver	107-1	233	183	150	189	22.20	cps
Silver	109-1	175	108	108	131	29.48	cps
Sodium	23-2	15126669	15166171	15158078	15150306	0.14	cps
Strontium	86-1	269035	269536	272252	270274	0.64	cps
Strontium	88-1	2369260	2365904	2376599	2370588	0.23	cps
Sulfur	34-1	394034	394338	396162	394845	0.29	cps
Terbium	159-1	9747234	9611627	9661949	9673603	0.71	cps
Terbium	159-2	5815938	5851723	5835895	5834519	0.31	cps
Thallium	203-1	242	267	275	261	6.64	cps
Thallium	205-1	692	592	442	575	21.89	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3747-04	Instrumnet Name :	P7
Client Sample ID :	A0AN5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:36:30	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	5557	5585	5796	5646	2.31	cps
Tin	118-1	2659	2400	2242	2434	8.64	cps
Titanium	47-1	13248	13106	12347	12900	3.75	cps
Uranium	238-1	2350	2400	2342	2364	1.33	cps
Vanadium	51-2	5341	5488	5214	5348	2.56	cps
Yttrium	89-1	10439899	10241503	10432856	10371419	1.09	cps
Yttrium	89-2	2272325	2270428	2269144	2270632	0.07	cps
Zinc	66-2	14844	14988	14751	14861	0.80	cps
Zirconium	90-1	1984	1750	1875	1870	6.25	cps
Zirconium	91-1	400	367	475	414	13.41	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3747-05	Instrumnet Name :	P7
Client Sample ID :	A0AN5D	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:39:36	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	48663	47526	48445	48212	1.25	cps
Antimony	121-1	1008	1267	1117	1131	11.48	cps
Arsenic	75-2	585	569	569	574	1.68	cps
Barium	135-1	140703	141244	142582	141510	0.68	cps
Barium	137-1	246146	247296	249673	247705	0.73	cps
Beryllium	9-1	117	178	128	141	23.13	cps
Bismuth	209-1	6747566	6796749	6817134	6787150	0.53	cps
Bismuth	209-2	4493754	4549609	4480070	4507811	0.82	cps
Boron	10-1	3509	3801	3734	3681	4.15	cps
Boron	11-1	16292	17669	17819	17260	4.88	cps
Bromine	81-1	37449	43014	46768	42411	11.06	cps
Bromine	81-2	6869	6859	7169	6966	2.53	cps
Cadmium	111-1	899	918	890	902	1.63	cps
Cadmium	106-1	3992	4059	3917	3990	1.78	cps
Cadmium	108-1	29	50	63	47	35.66	cps
Calcium	43-1	384911	388294	391961	388389	0.91	cps
Calcium	44-1	5861899	5936944	5853367	5884070	0.78	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	33281	33394	33151	33275	0.37	cps
Cobalt	59-2	28194	28645	28494	28444	0.81	cps
Copper	63-2	8839	8686	8683	8736	1.03	cps
Dysprosium	156-1	1225	1392	1250	1289	6.97	cps
Dysprosium	156-2	640	687	707	678	5.05	cps
Erbium	164-1	1383	1192	1250	1275	7.71	cps
Erbium	164-2	763	807	683	751	8.33	cps
Gadolinium	160-1	1058	1200	1133	1131	6.27	cps
Gadolinium	160-2	840	823	877	847	3.22	cps
Holmium	165-1	9707357	9949712	9802599	9819889	1.24	cps
Holmium	165-2	5943226	6077060	5976301	5998862	1.16	cps
Indium	115-1	6811183	6653191	6634987	6699787	1.45	cps
Indium	115-2	1897472	1904360	1902587	1901473	0.19	cps
Iron	56-2	30794126	30272430	30301519	30456025	0.96	cps
Iron	57-2	776791	780664	774912	777456	0.38	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3747-05	Instrumnet Name :	P7
Client Sample ID :	A0AN5D	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:39:36	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1711194	1710009	1708372	1709859	0.08	cps
Krypton	83-1	510	543	573	542	5.84	cps
Lead	206-1	38077	38795	38940	38604	1.20	cps
Lead	207-1	32111	32144	32874	32377	1.33	cps
Lead	208-1	148908	150945	152004	150619	1.04	cps
Lithium	6-1	2461020	2449842	2452093	2454318	0.24	cps
Magnesium	24-2	1025901	1026246	1016841	1022996	0.52	cps
Manganese	55-2	2051450	2053289	2045602	2050114	0.20	cps
Molybdenum	94-1	1492	1533	1483	1503	1.78	cps
Molybdenum	95-1	1483	1258	1433	1392	8.49	cps
Molybdenum	96-1	1758	1842	1650	1750	5.49	cps
Molybdenum	97-1	892	658	983	844	19.84	cps
Molybdenum	98-1	2584	2484	2334	2467	5.10	cps
Neodymium	150-1	1693	1653	1427	1591	9.04	cps
Neodymium	150-2	837	873	800	837	4.38	cps
Nickel	60-2	2970	2807	3037	2938	4.03	cps
Phosphorus	31-2	1192	1425	1283	1300	9.04	cps
Potassium	39-2	290885	287230	288267	288794	0.65	cps
Rhodium	103-1	5883874	5906475	5901459	5897269	0.20	cps
Rhodium	103-2	3467285	3463496	3485598	3472127	0.34	cps
Scandium	45-1	3680088	3648329	3674769	3667729	0.46	cps
Scandium	45-2	274749	273725	272749	273741	0.37	cps
Selenium	82-1	79	22	6	36	108.03	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	83	93	70	82	13.60	cps
Silicon	28-1	28524558	28690586	28914677	28709940	0.68	cps
Silver	107-1	283	83	175	181	55.45	cps
Silver	109-1	150	142	142	144	3.33	cps
Sodium	23-2	15266676	15353160	15263994	15294610	0.33	cps
Strontium	86-1	274908	279626	278529	277688	0.89	cps
Strontium	88-1	2403746	2422990	2437156	2421297	0.69	cps
Sulfur	34-1	383800	379113	386061	382991	0.93	cps
Terbium	159-1	9685646	9730174	9811534	9742451	0.66	cps
Terbium	159-2	5789418	5897988	5849818	5845741	0.93	cps
Thallium	203-1	300	183	233	239	24.50	cps
Thallium	205-1	517	500	617	544	11.59	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3747-05	Instrumnet Name :	P7
Client Sample ID :	A0AN5D	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:39:36	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	5357	5023	5546	5309	4.98	cps
Tin	118-1	2034	2259	2184	2159	5.31	cps
Titanium	47-1	10888	10679	11113	10893	1.99	cps
Uranium	238-1	2142	2092	2075	2103	1.65	cps
Vanadium	51-2	5288	5068	5164	5173	2.13	cps
Yttrium	89-1	10470074	10434470	10498961	10467835	0.31	cps
Yttrium	89-2	2249367	2262814	2258472	2256884	0.30	cps
Zinc	66-2	15095	14587	15101	14928	1.97	cps
Zirconium	90-1	2050	1792	2125	1989	8.79	cps
Zirconium	91-1	442	425	375	414	8.38	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3747-04LX5	Instrumnet Name :	P7
Client Sample ID :	A0AN5L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-21 10:42:42	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10195	10362	10154	10237	1.08	cps
Antimony	121-1	483	217	342	347	38.43	cps
Arsenic	75-2	104	113	133	117	12.99	cps
Barium	135-1	26400	27286	27403	27030	2.03	cps
Barium	137-1	47172	47532	48276	47660	1.18	cps
Beryllium	9-1	67	56	106	76	34.58	cps
Bismuth	209-1	6741811	6689446	6681168	6704142	0.49	cps
Bismuth	209-2	4532500	4477526	4490853	4500293	0.64	cps
Boron	10-1	1300	1108	1192	1200	8.01	cps
Boron	11-1	5484	5368	5151	5334	3.17	cps
Bromine	81-1	18179	19096	17736	18337	3.78	cps
Bromine	81-2	1932	1992	2012	1979	2.11	cps
Cadmium	111-1	720	822	728	757	7.54	cps
Cadmium	106-1	3576	4067	3584	3742	7.52	cps
Cadmium	108-1	29	29	50	36	33.30	cps
Calcium	43-1	73523	73298	71832	72885	1.26	cps
Calcium	44-1	1172931	1186369	1193213	1184171	0.87	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6915	7375	7285	7192	3.39	cps
Cobalt	59-2	5514	5334	5388	5412	1.71	cps
Copper	63-2	2354	2360	2634	2449	6.52	cps
Dysprosium	156-1	258	225	317	267	17.40	cps
Dysprosium	156-2	120	143	140	134	9.39	cps
Erbium	164-1	308	325	375	336	10.32	cps
Erbium	164-2	127	193	190	170	22.10	cps
Gadolinium	160-1	283	300	292	292	2.86	cps
Gadolinium	160-2	270	220	263	251	10.81	cps
Holmium	165-1	9728726	9619723	9633861	9660770	0.61	cps
Holmium	165-2	5936896	5924475	5899205	5920192	0.32	cps
Indium	115-1	6686342	6565266	6556918	6602842	1.10	cps
Indium	115-2	1888573	1899529	1896617	1894906	0.30	cps
Iron	56-2	5526119	5547037	5606277	5559811	0.75	cps
Iron	57-2	144020	142236	143066	143107	0.62	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3747-04LX5	Instrumnet Name :	P7
Client Sample ID :	A0AN5L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-21 10:42:42	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	318874	311037	316517	315476	1.27	cps
Krypton	83-1	497	437	583	506	14.59	cps
Lead	206-1	8292	8575	8280	8382	1.99	cps
Lead	207-1	7191	6757	7335	7095	4.24	cps
Lead	208-1	32755	32839	33534	33042	1.29	cps
Lithium	6-1	2424066	2419564	2413303	2418978	0.22	cps
Magnesium	24-2	196352	199467	197187	197669	0.82	cps
Manganese	55-2	388449	386148	390698	388432	0.59	cps
Molybdenum	94-1	467	408	558	478	15.83	cps
Molybdenum	95-1	267	300	308	292	7.56	cps
Molybdenum	96-1	433	283	383	367	20.83	cps
Molybdenum	97-1	192	133	142	156	20.28	cps
Molybdenum	98-1	483	458	500	481	4.36	cps
Neodymium	150-1	387	393	347	376	6.72	cps
Neodymium	150-2	227	163	153	181	21.96	cps
Nickel	60-2	773	783	667	741	8.73	cps
Phosphorus	31-2	825	608	783	739	15.56	cps
Potassium	39-2	77619	79018	80652	79096	1.92	cps
Rhodium	103-1	5869003	5891201	5881190	5880465	0.19	cps
Rhodium	103-2	3477584	3509520	3503591	3496899	0.49	cps
Scandium	45-1	3604791	3611023	3622111	3612642	0.24	cps
Scandium	45-2	267809	268144	270320	268758	0.51	cps
Selenium	82-1	48	74	-87	12	738.21	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	74	85	83	81	7.37	cps
Silicon	28-1	5433655	5600728	5660417	5564933	2.11	cps
Silver	107-1	200	92	100	131	46.18	cps
Silver	109-1	83	58	67	69	18.33	cps
Sodium	23-2	2945774	2960567	2945590	2950644	0.29	cps
Strontium	86-1	51785	50916	53977	52226	3.02	cps
Strontium	88-1	447670	454813	456666	453050	1.05	cps
Sulfur	34-1	318729	321481	322995	321068	0.67	cps
Terbium	159-1	9692846	9417961	9507403	9539403	1.47	cps
Terbium	159-2	5779291	5782177	5771741	5777737	0.09	cps
Thallium	203-1	83	117	100	100	16.66	cps
Thallium	205-1	267	233	217	239	10.66	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3747-04LX5	Instrumnet Name :	P7
Client Sample ID :	A0AN5L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-21 10:42:42	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	1183	1245	1167	1198	3.42	cps
Tin	118-1	942	917	1092	983	9.63	cps
Titanium	47-1	2484	2350	2592	2475	4.89	cps
Uranium	238-1	400	342	500	414	19.35	cps
Vanadium	51-2	1013	1127	1107	1082	5.59	cps
Yttrium	89-1	10433215	10303500	10255555	10330757	0.89	cps
Yttrium	89-2	2247183	2249892	2252945	2250007	0.13	cps
Zinc	66-2	3097	3090	3024	3070	1.32	cps
Zirconium	90-1	842	725	808	792	7.59	cps
Zirconium	91-1	192	108	133	144	29.60	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3747-06	Instrumnet Name :	P7
Client Sample ID :	A0AN5S	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:45:50	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	321385	321341	316801	319842	0.82	cps
Antimony	121-1	810411	807470	812012	809964	0.28	cps
Arsenic	75-2	14075	13758	13814	13883	1.22	cps
Barium	135-1	3933261	3915881	3984371	3944504	0.90	cps
Barium	137-1	6782103	6805067	6927308	6838159	1.14	cps
Beryllium	9-1	82009	81378	82992	82126	0.99	cps
Bismuth	209-1	6752041	6764934	6772604	6763193	0.15	cps
Bismuth	209-2	4469430	4537336	4519660	4508809	0.78	cps
Boron	10-1	3450	3584	3742	3592	4.07	cps
Boron	11-1	15700	16334	16868	16301	3.59	cps
Bromine	81-1	25014	28687	30391	28031	9.80	cps
Bromine	81-2	3784	3865	4505	4051	9.75	cps
Cadmium	111-1	101365	101744	102158	101756	0.39	cps
Cadmium	106-1	12998	12940	13440	13126	2.08	cps
Cadmium	108-1	6660	7031	6714	6802	2.95	cps
Calcium	43-1	390014	389275	389517	389602	0.10	cps
Calcium	44-1	5895083	5917323	5907625	5906677	0.19	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	629668	627701	617556	624975	1.04	cps
Cobalt	59-2	2379943	2388085	2391641	2386556	0.25	cps
Copper	63-2	847483	844844	834860	842396	0.79	cps
Dysprosium	156-1	1217	1258	1192	1222	2.76	cps
Dysprosium	156-2	567	830	670	689	19.26	cps
Erbium	164-1	1200	1100	1250	1183	6.45	cps
Erbium	164-2	753	723	643	707	8.05	cps
Gadolinium	160-1	875	1083	975	978	10.66	cps
Gadolinium	160-2	717	783	837	779	7.72	cps
Holmium	165-1	9691753	9765679	9782521	9746651	0.50	cps
Holmium	165-2	6016757	5993108	6091665	6033843	0.85	cps
Indium	115-1	6743025	6663987	6642842	6683285	0.79	cps
Indium	115-2	1910192	1914518	1908933	1911214	0.15	cps
Iron	56-2	35510619	35486981	35458188	35485263	0.07	cps
Iron	57-2	914131	914108	905596	911278	0.54	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3747-06	Instrumnet Name :	P7
Client Sample ID :	A0AN5S	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:45:50	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	2026686	2028244	1997198	2017376	0.87	cps
Krypton	83-1	557	547	500	534	5.66	cps
Lead	206-1	188373	191647	191374	190465	0.95	cps
Lead	207-1	170819	170926	171460	171068	0.20	cps
Lead	208-1	766529	768434	775386	770117	0.61	cps
Lithium	6-1	2448739	2455313	2446697	2450249	0.18	cps
Magnesium	24-2	1018672	1031978	1009185	1019945	1.12	cps
Manganese	55-2	3143657	3134659	3110203	3129507	0.55	cps
Molybdenum	94-1	1825	1625	1542	1664	8.75	cps
Molybdenum	95-1	1575	1600	1608	1595	1.09	cps
Molybdenum	96-1	1825	2059	1925	1936	6.05	cps
Molybdenum	97-1	1108	1142	975	1075	8.20	cps
Molybdenum	98-1	2667	2717	2567	2650	2.88	cps
Neodymium	150-1	1647	1800	1847	1765	5.93	cps
Neodymium	150-2	803	783	820	802	2.29	cps
Nickel	60-2	608750	609581	607133	608488	0.20	cps
Phosphorus	31-2	1183	1133	1217	1178	3.56	cps
Potassium	39-2	287713	290374	285406	287831	0.86	cps
Rhodium	103-1	5878971	5874635	5853023	5868876	0.24	cps
Rhodium	103-2	3460345	3485703	3491749	3479265	0.48	cps
Scandium	45-1	3670858	3656252	3636367	3654492	0.47	cps
Scandium	45-2	272958	275713	270344	273005	0.98	cps
Selenium	82-1	12237	12593	12203	12344	1.75	cps
Selenium	77-2	900	890	950	913	3.52	cps
Selenium	78-2	3217	3284	3211	3237	1.24	cps
Silicon	28-1	28551304	28543649	28672559	28589170	0.25	cps
Silver	107-1	306835	313035	316733	312201	1.60	cps
Silver	109-1	293517	299180	298058	296918	1.01	cps
Sodium	23-2	15042542	15248326	15097003	15129290	0.70	cps
Strontium	86-1	275923	279130	276719	277257	0.60	cps
Strontium	88-1	2400488	2418799	2408857	2409381	0.38	cps
Sulfur	34-1	373194	365350	365652	368065	1.21	cps
Terbium	159-1	9700611	9723308	9589939	9671286	0.74	cps
Terbium	159-2	5802281	5841442	5926260	5856661	1.08	cps
Thallium	203-1	481460	488422	488948	486277	0.86	cps
Thallium	205-1	1158870	1179567	1175753	1171397	0.94	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3747-06	Instrumnet Name :	P7
Client Sample ID :	A0AN5S	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:45:50	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	5134	4934	5029	5033	1.99	cps
Tin	118-1	2167	2242	2659	2356	11.25	cps
Titanium	47-1	9145	9553	9745	9481	3.23	cps
Uranium	238-1	2075	2250	2067	2131	4.86	cps
Vanadium	51-2	1226051	1205902	1203155	1211703	1.03	cps
Yttrium	89-1	10461955	10461678	10349977	10424537	0.62	cps
Yttrium	89-2	2270166	2276863	2259820	2268950	0.38	cps
Zinc	66-2	288495	288542	287213	288083	0.26	cps
Zirconium	90-1	2234	1992	1942	2056	7.59	cps
Zirconium	91-1	425	400	467	431	7.82	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	CCV05	Instrumnet Name :	P7
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:49:19	DataFile Name :	036CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6190019	6155741	6112933	6152897	0.63	cps
Antimony	121-1	3572328	3570319	3574790	3572479	0.06	cps
Arsenic	75-2	148607	151544	149610	149920	1.00	cps
Barium	135-1	4334522	4405201	4359940	4366554	0.82	cps
Barium	137-1	7463278	7579180	7628992	7557150	1.13	cps
Beryllium	9-1	758067	746524	741493	748695	1.13	cps
Bismuth	209-1	6341854	6296574	6318151	6318860	0.36	cps
Bismuth	209-2	4113998	4088587	4098873	4100486	0.31	cps
Boron	10-1	94477	98091	96639	96402	1.89	cps
Boron	11-1	433972	453966	451018	446319	2.42	cps
Bromine	81-1	9195	8853	8361	8803	4.76	cps
Bromine	81-2	380	460	290	377	22.58	cps
Cadmium	111-1	897042	913923	900400	903788	0.99	cps
Cadmium	106-1	175659	178906	172647	175737	1.78	cps
Cadmium	108-1	97322	98257	97145	97575	0.61	cps
Calcium	43-1	4760803	4791219	4786015	4779346	0.34	cps
Calcium	44-1	72460679	72722058	72860175	72680970	0.28	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1302347	1299381	1296593	1299441	0.22	cps
Cobalt	59-2	2076210	2088338	2088665	2084404	0.34	cps
Copper	63-2	14894523	14789212	14878214	14853983	0.38	cps
Dysprosium	156-1	892	775	700	789	12.24	cps
Dysprosium	156-2	630	500	530	553	12.30	cps
Erbium	164-1	167	208	217	197	13.58	cps
Erbium	164-2	127	97	167	130	27.01	cps
Gadolinium	160-1	900	825	875	867	4.41	cps
Gadolinium	160-2	630	620	697	649	6.42	cps
Holmium	165-1	9570541	9773402	9487559	9610501	1.53	cps
Holmium	165-2	5845680	5809827	5860958	5838822	0.45	cps
Indium	115-1	6402203	6327671	6312245	6347373	0.76	cps
Indium	115-2	1760852	1767822	1764517	1764397	0.20	cps
Iron	56-2	288031306	292597251	287768073	289465544	0.94	cps
Iron	57-2	7229406	7205297	7154659	7196454	0.53	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	CCV05	Instrumnet Name :	P7
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:49:19	DataFile Name :	036CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	15759023	15671141	15608857	15679674	0.48	cps
Krypton	83-1	533	477	527	512	6.05	cps
Lead	206-1	17916179	18014442	17898687	17943103	0.35	cps
Lead	207-1	15900085	15953594	15804494	15886058	0.48	cps
Lead	208-1	72420930	72589412	72074398	72361580	0.36	cps
Lithium	6-1	2372250	2382878	2343729	2366286	0.86	cps
Magnesium	24-2	67062462	65549929	66316122	66309504	1.14	cps
Manganese	55-2	9516714	9560452	9473951	9517039	0.45	cps
Molybdenum	94-1	13783427	13707047	13738074	13742849	0.28	cps
Molybdenum	95-1	8205164	8376153	8265986	8282434	1.05	cps
Molybdenum	96-1	10321760	10323974	10321873	10322535	0.01	cps
Molybdenum	97-1	5271372	5264352	5221616	5252446	0.51	cps
Molybdenum	98-1	13410568	13499488	13260565	13390207	0.90	cps
Neodymium	150-1	347	380	440	389	12.16	cps
Neodymium	150-2	83	63	90	79	17.59	cps
Nickel	60-2	562817	567281	566505	565534	0.42	cps
Phosphorus	31-2	59527	58122	57152	58267	2.05	cps
Potassium	39-2	31416944	31379447	31537267	31444553	0.26	cps
Rhodium	103-1	5497778	5446234	5424521	5456178	0.69	cps
Rhodium	103-2	3134622	3128149	3132808	3131859	0.11	cps
Scandium	45-1	3621797	3579304	3560132	3587078	0.88	cps
Scandium	45-2	264274	266491	266692	265819	0.50	cps
Selenium	82-1	57317	57449	56642	57136	0.76	cps
Selenium	77-2	4461	4177	4081	4240	4.66	cps
Selenium	78-2	14381	14494	14559	14478	0.62	cps
Silicon	28-1	2387760	2486015	2566552	2480109	3.61	cps
Silver	107-1	4494897	4525210	4506797	4508968	0.34	cps
Silver	109-1	4334422	4329304	4287677	4317134	0.59	cps
Sodium	23-2	112196440	111551544	112298132	112015372	0.36	cps
Strontium	86-1	10529008	10633470	10431833	10531437	0.96	cps
Strontium	88-1	91314600	92180962	90732375	91409312	0.80	cps
Sulfur	34-1	638057	632407	635149	635204	0.44	cps
Terbium	159-1	9744831	9660935	9403221	9602996	1.85	cps
Terbium	159-2	5652761	5618764	5645250	5638925	0.32	cps
Thallium	203-1	4328484	4352596	4353430	4344837	0.33	cps
Thallium	205-1	10511509	10523335	10241091	10425312	1.53	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	CCV05	Instrumnet Name :	P7
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:49:19	DataFile Name :	036CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	16483302	16707323	16683188	16624605	0.74	cps
Tin	118-1	3003654	3017948	3002036	3007880	0.29	cps
Titanium	47-1	2150230	2167032	2193412	2170225	1.00	cps
Uranium	238-1	15845653	15972625	15709267	15842515	0.83	cps
Vanadium	51-2	1087493	1093837	1087710	1089680	0.33	cps
Yttrium	89-1	10332436	10189810	10213708	10245318	0.75	cps
Yttrium	89-2	2176302	2193828	2179606	2183245	0.43	cps
Zinc	66-2	2444292	2465195	2442837	2450775	0.51	cps
Zirconium	90-1	24492503	24339372	24423099	24418325	0.31	cps
Zirconium	91-1	5508230	5491844	5519609	5506561	0.25	cps

LB Number : LB116409 Operator : JASWAL
 Lab Sample ID : CCB05 Instrumnet Name : P7
 Client Sample ID : CCB05 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-21 10:54:52 DataFile Name : 037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	183	183	225	197	12.20	cps
Antimony	121-1	708	558	750	672	15.00	cps
Arsenic	75-2	4	11	4	6	69.34	cps
Barium	135-1	42	75	92	69	36.66	cps
Barium	137-1	117	125	158	133	16.54	cps
Beryllium	9-1	89	89	94	91	3.54	cps
Bismuth	209-1	6745445	6773291	6732943	6750560	0.31	cps
Bismuth	209-2	4541811	4564181	4547977	4551323	0.25	cps
Boron	10-1	1192	1167	1167	1175	1.23	cps
Boron	11-1	5468	5568	5526	5521	0.91	cps
Bromine	81-1	6343	6026	5876	6082	3.92	cps
Bromine	81-2	140	90	150	127	25.38	cps
Cadmium	111-1	733	806	765	768	4.76	cps
Cadmium	106-1	3492	3859	3717	3689	5.01	cps
Cadmium	108-1	46	17	17	26	63.80	cps
Calcium	43-1	217	258	300	258	16.13	cps
Calcium	44-1	6660	6318	6527	6502	2.65	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	860	800	733	798	7.94	cps
Cobalt	59-2	60	43	53	52	16.07	cps
Copper	63-2	1040	1000	1030	1023	2.03	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	67	58	17	47	56.72	cps
Erbium	164-2	37	33	37	36	5.42	cps
Gadolinium	160-1	33	17	33	28	34.63	cps
Gadolinium	160-2	103	123	103	110	10.50	cps
Holmium	165-1	9717346	9744193	9661059	9707533	0.44	cps
Holmium	165-2	5964032	5964782	5985925	5971580	0.21	cps
Indium	115-1	6905730	6850846	6757147	6837908	1.10	cps
Indium	115-2	1928231	1939206	1941750	1936396	0.37	cps
Iron	56-2	9008	8714	8108	8610	5.33	cps
Iron	57-2	317	300	272	296	7.58	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	CCB05	Instrumnet Name :	P7
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:54:52	DataFile Name :	037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	991	1061	991	1014	3.99	cps
Krypton	83-1	613	533	530	559	8.44	cps
Lead	206-1	1050	1183	1400	1211	14.59	cps
Lead	207-1	995	1045	1061	1033	3.36	cps
Lead	208-1	4734	4734	4956	4808	2.67	cps
Lithium	6-1	2471918	2487005	2502365	2487096	0.61	cps
Magnesium	24-2	967	1042	1175	1061	9.94	cps
Manganese	55-2	253	270	253	259	3.72	cps
Molybdenum	94-1	575	633	708	639	10.46	cps
Molybdenum	95-1	250	325	250	275	15.75	cps
Molybdenum	96-1	467	400	350	406	14.43	cps
Molybdenum	97-1	192	125	75	131	44.83	cps
Molybdenum	98-1	517	467	517	500	5.77	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	227	190	213	210	8.84	cps
Phosphorus	31-2	600	775	692	689	12.71	cps
Potassium	39-2	32803	33605	32035	32815	2.39	cps
Rhodium	103-1	6158966	6181953	6016690	6119203	1.46	cps
Rhodium	103-2	3539782	3561236	3565012	3555344	0.38	cps
Scandium	45-1	3727944	3696692	3693326	3705987	0.52	cps
Scandium	45-2	278232	279677	274840	277583	0.89	cps
Selenium	82-1	-68	12	3	-17	-252.91	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	80	81	104	88	15.17	cps
Silicon	28-1	192610	188401	190903	190638	1.11	cps
Silver	107-1	350	525	567	481	23.92	cps
Silver	109-1	525	492	517	511	3.39	cps
Sodium	23-2	24938	24963	23135	24345	4.31	cps
Strontium	86-1	1117	942	1083	1047	8.87	cps
Strontium	88-1	1175	1167	1233	1192	3.05	cps
Sulfur	34-1	324491	326520	325432	325481	0.31	cps
Terbium	159-1	9825988	9800734	9559990	9728904	1.51	cps
Terbium	159-2	5867166	5805960	5856120	5843082	0.56	cps
Thallium	203-1	592	683	600	625	8.11	cps
Thallium	205-1	1867	1658	1392	1639	14.53	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	CCB05	Instrumnet Name :	P7
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:54:52	DataFile Name :	037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	522	567	583	557	5.67	cps
Tin	118-1	775	1100	1042	972	17.82	cps
Titanium	47-1	83	108	92	94	13.48	cps
Uranium	238-1	233	117	258	203	37.29	cps
Vanadium	51-2	33	23	20	26	27.15	cps
Yttrium	89-1	10653862	10670931	10606733	10643842	0.31	cps
Yttrium	89-2	2301249	2300865	2281200	2294438	0.50	cps
Zinc	66-2	530	523	627	560	10.33	cps
Zirconium	90-1	1175	1392	1233	1267	8.85	cps
Zirconium	91-1	233	308	233	258	16.76	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3747-07	Instrumnet Name :	P7
Client Sample ID :	A0AP5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:58:00	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5576	6160	6001	5912	5.10	cps
Antimony	121-1	1117	875	1058	1017	12.40	cps
Arsenic	75-2	94	98	102	98	3.77	cps
Barium	135-1	93403	93671	94326	93800	0.51	cps
Barium	137-1	163635	163509	165719	164288	0.76	cps
Beryllium	9-1	117	117	89	107	14.93	cps
Bismuth	209-1	6724240	6693824	6663721	6693929	0.45	cps
Bismuth	209-2	4509850	4493868	4503569	4502429	0.18	cps
Boron	10-1	3851	3942	4084	3959	2.97	cps
Boron	11-1	17310	18103	18704	18039	3.87	cps
Bromine	81-1	28220	32829	38427	33159	15.42	cps
Bromine	81-2	5066	5807	5957	5610	8.51	cps
Cadmium	111-1	776	776	682	744	7.29	cps
Cadmium	106-1	3834	3742	3300	3626	7.87	cps
Cadmium	108-1	29	8	17	18	58.09	cps
Calcium	43-1	191776	190366	187735	189959	1.08	cps
Calcium	44-1	3087011	3103342	3045963	3078772	0.96	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1657	1707	1607	1657	3.02	cps
Cobalt	59-2	1093	1030	1007	1043	4.30	cps
Copper	63-2	2247	2260	2087	2198	4.39	cps
Dysprosium	156-1	250	192	233	225	13.35	cps
Dysprosium	156-2	107	100	110	106	4.82	cps
Erbium	164-1	300	225	242	256	15.41	cps
Erbium	164-2	170	140	157	156	9.66	cps
Gadolinium	160-1	300	250	350	300	16.67	cps
Gadolinium	160-2	207	197	233	212	8.93	cps
Holmium	165-1	9833584	9638554	9929254	9800464	1.51	cps
Holmium	165-2	6007569	5916364	6003228	5975721	0.86	cps
Indium	115-1	6848018	6705984	6657994	6737332	1.47	cps
Indium	115-2	1912927	1911607	1895456	1906663	0.51	cps
Iron	56-2	1994648	1970502	1958413	1974521	0.93	cps
Iron	57-2	51033	49751	48993	49925	2.07	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3747-07	Instrumnet Name :	P7
Client Sample ID :	A0AP5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:58:00	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	110310	107910	108688	108969	1.12	cps
Krypton	83-1	593	640	493	576	13.02	cps
Lead	206-1	2400	2367	2222	2330	4.06	cps
Lead	207-1	1856	2067	1828	1917	6.82	cps
Lead	208-1	8996	9229	8701	8975	2.95	cps
Lithium	6-1	2492407	2452949	2436394	2460583	1.17	cps
Magnesium	24-2	577754	575521	570248	574508	0.67	cps
Manganese	55-2	368453	362277	362316	364349	0.98	cps
Molybdenum	94-1	1058	900	1125	1028	11.25	cps
Molybdenum	95-1	775	692	708	725	6.08	cps
Molybdenum	96-1	867	1058	825	917	13.58	cps
Molybdenum	97-1	433	458	317	403	18.77	cps
Molybdenum	98-1	1250	1267	1258	1258	0.66	cps
Neodymium	150-1	233	267	200	233	14.29	cps
Neodymium	150-2	113	123	113	117	4.95	cps
Nickel	60-2	697	657	713	689	4.23	cps
Phosphorus	31-2	883	833	792	836	5.49	cps
Potassium	39-2	444529	449491	439057	444359	1.17	cps
Rhodium	103-1	5984218	5898755	5892113	5925029	0.87	cps
Rhodium	103-2	3489845	3473495	3439049	3467463	0.75	cps
Scandium	45-1	3740800	3683702	3652084	3692195	1.22	cps
Scandium	45-2	273204	274195	271062	272820	0.59	cps
Selenium	82-1	-75	-40	63	-17	-419.93	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	85	83	89	86	3.30	cps
Silicon	28-1	14999148	15017648	15048241	15021679	0.17	cps
Silver	107-1	150	183	158	164	10.58	cps
Silver	109-1	108	75	108	97	19.80	cps
Sodium	23-2	20787485	20882844	20570975	20747102	0.77	cps
Strontium	86-1	153308	153738	153596	153547	0.14	cps
Strontium	88-1	1325061	1329799	1308728	1321196	0.84	cps
Sulfur	34-1	358032	348873	344154	350353	2.01	cps
Terbium	159-1	9932182	9729997	9674640	9778940	1.39	cps
Terbium	159-2	5798941	5810394	5801103	5803479	0.10	cps
Thallium	203-1	325	392	333	350	10.38	cps
Thallium	205-1	750	925	900	858	11.03	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3747-07	Instrumnet Name :	P7
Client Sample ID :	A0AP5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 10:58:00	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	794	744	967	835	13.96	cps
Tin	118-1	1217	1242	1292	1250	3.05	cps
Titanium	47-1	742	583	617	647	12.90	cps
Uranium	238-1	675	700	583	653	9.41	cps
Vanadium	51-2	310	373	423	369	15.40	cps
Yttrium	89-1	10651189	10676212	10410588	10579329	1.39	cps
Yttrium	89-2	2276263	2269152	2240124	2261846	0.85	cps
Zinc	66-2	3020	3114	3040	3058	1.61	cps
Zirconium	90-1	1809	1825	1575	1736	8.05	cps
Zirconium	91-1	308	433	500	414	23.51	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3748-01	Instrumnet Name :	P7
Client Sample ID :	A0AM2	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 11:01:08	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8903	9487	9687	9359	4.35	cps
Antimony	121-1	875	833	983	897	8.63	cps
Arsenic	75-2	113	111	144	123	15.25	cps
Barium	135-1	93236	93143	89612	91997	2.25	cps
Barium	137-1	160069	162657	160871	161199	0.82	cps
Beryllium	9-1	67	156	89	104	44.61	cps
Bismuth	209-1	6770237	6644548	6692984	6702590	0.95	cps
Bismuth	209-2	4398258	4508304	4438666	4448410	1.25	cps
Boron	10-1	3551	3317	3434	3434	3.40	cps
Boron	11-1	16176	16476	16701	16451	1.60	cps
Bromine	81-1	35018	38611	44946	39525	12.72	cps
Bromine	81-2	6368	6328	6078	6258	2.51	cps
Cadmium	111-1	788	840	705	778	8.79	cps
Cadmium	106-1	3834	4051	3484	3790	7.55	cps
Cadmium	108-1	29	17	13	19	44.61	cps
Calcium	43-1	183694	185237	184713	184548	0.43	cps
Calcium	44-1	2947402	3002923	2964539	2971621	0.96	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2013	2033	2023	2023	0.49	cps
Cobalt	59-2	917	867	943	909	4.28	cps
Copper	63-2	2407	2100	2450	2319	8.23	cps
Dysprosium	156-1	433	308	333	358	18.46	cps
Dysprosium	156-2	213	207	223	214	3.91	cps
Erbium	164-1	417	433	317	389	16.23	cps
Erbium	164-2	210	270	260	247	13.03	cps
Gadolinium	160-1	350	367	308	342	8.79	cps
Gadolinium	160-2	273	313	397	328	19.20	cps
Holmium	165-1	9733072	9676989	9698743	9702935	0.29	cps
Holmium	165-2	5905567	5975777	5914635	5931993	0.64	cps
Indium	115-1	6757339	6678456	6632654	6689483	0.94	cps
Indium	115-2	1885298	1903695	1894305	1894433	0.49	cps
Iron	56-2	2251088	2237472	2220668	2236409	0.68	cps
Iron	57-2	57434	56614	56297	56782	1.03	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3748-01	Instrumnet Name :	P7
Client Sample ID :	A0AM2	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 11:01:08	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	123408	125245	121530	123394	1.51	cps
Krypton	83-1	560	507	523	530	5.15	cps
Lead	206-1	2967	3312	3073	3117	5.66	cps
Lead	207-1	2673	2361	2417	2484	6.68	cps
Lead	208-1	11880	11975	12052	11969	0.72	cps
Lithium	6-1	2448712	2393776	2423122	2421870	1.14	cps
Magnesium	24-2	559774	561670	552055	557833	0.91	cps
Manganese	55-2	163978	163409	163049	163479	0.29	cps
Molybdenum	94-1	1358	1183	1292	1278	6.91	cps
Molybdenum	95-1	1067	1333	1142	1181	11.65	cps
Molybdenum	96-1	1267	1425	1292	1328	6.41	cps
Molybdenum	97-1	650	817	750	739	11.35	cps
Molybdenum	98-1	2184	1984	2100	2089	4.81	cps
Neodymium	150-1	427	440	473	447	5.38	cps
Neodymium	150-2	230	260	243	244	6.15	cps
Nickel	60-2	700	707	707	704	0.55	cps
Phosphorus	31-2	942	750	825	839	11.51	cps
Potassium	39-2	512685	516859	510545	513363	0.63	cps
Rhodium	103-1	5832510	5857045	5856192	5848582	0.24	cps
Rhodium	103-2	3428984	3471078	3413015	3437692	0.87	cps
Scandium	45-1	3590838	3634894	3610378	3612037	0.61	cps
Scandium	45-2	267846	270727	267523	268699	0.66	cps
Selenium	82-1	-25	9	46	10	359.34	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	74	70	69	71	3.98	cps
Silicon	28-1	13943023	14159116	13960447	14020862	0.86	cps
Silver	107-1	183	100	192	158	32.02	cps
Silver	109-1	92	108	92	97	9.90	cps
Sodium	23-2	18844655	18760046	18378890	18661197	1.33	cps
Strontium	86-1	143240	148367	147028	146212	1.82	cps
Strontium	88-1	1256004	1287460	1283681	1275715	1.35	cps
Sulfur	34-1	337269	349312	342878	343153	1.76	cps
Terbium	159-1	9664078	9681684	9477691	9607818	1.18	cps
Terbium	159-2	5757895	5832395	5788393	5792894	0.65	cps
Thallium	203-1	242	292	292	275	10.50	cps
Thallium	205-1	550	575	567	564	2.26	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3748-01	Instrumnet Name :	P7
Client Sample ID :	A0AM2	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 11:01:08	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	1083	1039	806	976	15.29	cps
Tin	118-1	1175	1025	983	1061	9.50	cps
Titanium	47-1	1333	1308	1200	1281	5.53	cps
Uranium	238-1	983	925	1000	970	4.06	cps
Vanadium	51-2	847	930	963	913	6.58	cps
Yttrium	89-1	10323453	10496711	10278900	10366355	1.11	cps
Yttrium	89-2	2244793	2271607	2242243	2252881	0.72	cps
Zinc	66-2	3264	3357	3137	3253	3.40	cps
Zirconium	90-1	1417	1342	1367	1375	2.78	cps
Zirconium	91-1	217	392	167	258	45.74	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3748-02	Instrumnet Name :	P7
Client Sample ID :	A0AM4	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 11:04:15	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8995	8244	8853	8697	4.58	cps
Antimony	121-1	783	958	892	878	10.06	cps
Arsenic	75-2	143	96	141	127	20.71	cps
Barium	135-1	90300	91272	91785	91119	0.83	cps
Barium	137-1	157440	161098	159776	159438	1.16	cps
Beryllium	9-1	94	122	117	111	13.23	cps
Bismuth	209-1	6659758	6644549	6718107	6674138	0.58	cps
Bismuth	209-2	4455383	4448573	4445234	4449730	0.12	cps
Boron	10-1	3367	3601	3184	3384	6.17	cps
Boron	11-1	15525	15800	16109	15811	1.85	cps
Bromine	81-1	39864	45046	50656	45189	11.94	cps
Bromine	81-2	7820	7590	8231	7880	4.12	cps
Cadmium	111-1	768	771	734	757	2.71	cps
Cadmium	106-1	3917	3651	3617	3728	4.41	cps
Cadmium	108-1	58	25	21	35	59.20	cps
Calcium	43-1	183878	184899	181341	183373	1.00	cps
Calcium	44-1	2934011	2978080	2948197	2953429	0.76	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2040	1877	1947	1955	4.19	cps
Cobalt	59-2	797	903	890	863	6.73	cps
Copper	63-2	2137	2040	2340	2172	7.05	cps
Dysprosium	156-1	292	308	242	281	12.37	cps
Dysprosium	156-2	177	123	203	168	24.28	cps
Erbium	164-1	417	400	442	419	5.00	cps
Erbium	164-2	187	270	160	206	27.92	cps
Gadolinium	160-1	300	242	383	308	23.09	cps
Gadolinium	160-2	303	280	333	306	8.75	cps
Holmium	165-1	9628893	9690218	9674709	9664607	0.33	cps
Holmium	165-2	5867101	5921179	5986085	5924788	1.01	cps
Indium	115-1	6617205	6571601	6654114	6614307	0.62	cps
Indium	115-2	1859756	1871598	1882164	1871173	0.60	cps
Iron	56-2	1851870	1855933	1858400	1855401	0.18	cps
Iron	57-2	47204	46830	46473	46836	0.78	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3748-02	Instrumnet Name :	P7
Client Sample ID :	A0AM4	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 11:04:15	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	101489	101349	103536	102125	1.20	cps
Krypton	83-1	523	523	533	527	1.10	cps
Lead	206-1	2667	2789	2973	2810	5.47	cps
Lead	207-1	2272	2356	2500	2376	4.85	cps
Lead	208-1	10057	10774	11502	10778	6.70	cps
Lithium	6-1	2392439	2402988	2401320	2398915	0.24	cps
Magnesium	24-2	557598	557653	557321	557524	0.03	cps
Manganese	55-2	149389	148201	148356	148649	0.43	cps
Molybdenum	94-1	1108	1267	1092	1156	8.36	cps
Molybdenum	95-1	1092	1383	1258	1245	11.76	cps
Molybdenum	96-1	1333	1433	1425	1397	3.97	cps
Molybdenum	97-1	900	858	633	797	17.99	cps
Molybdenum	98-1	2109	1867	1700	1892	10.85	cps
Neodymium	150-1	360	453	360	391	13.78	cps
Neodymium	150-2	197	203	203	201	1.91	cps
Nickel	60-2	657	610	670	646	4.88	cps
Phosphorus	31-2	758	825	733	772	6.14	cps
Potassium	39-2	504749	510310	511991	509017	0.74	cps
Rhodium	103-1	5751110	5804033	5799107	5784750	0.51	cps
Rhodium	103-2	3387803	3398320	3435227	3407117	0.73	cps
Scandium	45-1	3600708	3603818	3575531	3593353	0.43	cps
Scandium	45-2	263940	264263	268034	265412	0.86	cps
Selenium	82-1	8	56	1	21	138.66	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	78	96	78	84	12.74	cps
Silicon	28-1	13555360	13981363	13749238	13761987	1.55	cps
Silver	107-1	150	92	117	119	24.50	cps
Silver	109-1	67	58	83	69	18.33	cps
Sodium	23-2	18733435	18674934	18710732	18706367	0.16	cps
Strontium	86-1	142802	147499	143719	144673	1.72	cps
Strontium	88-1	1265431	1278023	1270173	1271209	0.50	cps
Sulfur	34-1	335448	342273	334430	337384	1.26	cps
Terbium	159-1	9540104	9648912	9706113	9631710	0.88	cps
Terbium	159-2	5702044	5712385	5741308	5718579	0.36	cps
Thallium	203-1	225	192	108	175	34.34	cps
Thallium	205-1	392	358	442	397	10.56	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3748-02	Instrumnet Name :	P7
Client Sample ID :	A0AM4	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 11:04:15	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	1083	883	878	948	12.35	cps
Tin	118-1	1433	1425	1500	1453	2.83	cps
Titanium	47-1	1200	1042	1117	1120	7.08	cps
Uranium	238-1	1000	917	800	906	11.09	cps
Vanadium	51-2	567	697	727	663	12.82	cps
Yttrium	89-1	10326453	10506932	10235798	10356394	1.33	cps
Yttrium	89-2	2206897	2224581	2227590	2219690	0.50	cps
Zinc	66-2	3337	3294	3294	3308	0.76	cps
Zirconium	90-1	1250	1200	1292	1247	3.68	cps
Zirconium	91-1	292	200	192	228	24.36	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3748-03	Instrumnet Name :	P7
Client Sample ID :	A0AM6	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 11:07:24	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8619	8344	8653	8539	1.98	cps
Antimony	121-1	908	867	900	892	2.47	cps
Arsenic	75-2	146	137	141	141	3.30	cps
Barium	135-1	88900	89973	92431	90435	2.00	cps
Barium	137-1	158013	160788	161764	160189	1.21	cps
Beryllium	9-1	89	89	89	89	0.00	cps
Bismuth	209-1	6664068	6708410	6708643	6693707	0.38	cps
Bismuth	209-2	4409359	4445457	4460820	4438545	0.60	cps
Boron	10-1	3809	4101	3942	3951	3.70	cps
Boron	11-1	16626	17502	17244	17124	2.63	cps
Bromine	81-1	34233	39187	40482	37967	8.69	cps
Bromine	81-2	6057	5857	6258	6058	3.31	cps
Cadmium	111-1	730	700	775	735	5.11	cps
Cadmium	106-1	3659	3476	3817	3651	4.69	cps
Cadmium	108-1	21	17	38	25	44.09	cps
Calcium	43-1	189322	191666	191336	190775	0.67	cps
Calcium	44-1	3040355	3062475	3071570	3058133	0.52	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1997	2170	2080	2082	4.16	cps
Cobalt	59-2	867	900	933	900	3.70	cps
Copper	63-2	2784	2844	2824	2817	1.08	cps
Dysprosium	156-1	325	358	392	358	9.30	cps
Dysprosium	156-2	193	193	227	204	9.41	cps
Erbium	164-1	375	375	358	369	2.60	cps
Erbium	164-2	263	280	233	259	9.13	cps
Gadolinium	160-1	375	242	350	322	22.00	cps
Gadolinium	160-2	270	283	257	270	4.94	cps
Holmium	165-1	9506927	9773428	9677348	9652568	1.40	cps
Holmium	165-2	5893425	5971642	5892508	5919192	0.77	cps
Indium	115-1	6757353	6617941	6596687	6657327	1.31	cps
Indium	115-2	1885215	1884786	1877143	1882381	0.24	cps
Iron	56-2	1944295	1928166	1924921	1932460	0.54	cps
Iron	57-2	49890	49271	49193	49451	0.77	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3748-03	Instrumnet Name :	P7
Client Sample ID :	A0AM6	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 11:07:24	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	107880	106429	107932	107414	0.79	cps
Krypton	83-1	623	607	530	587	8.48	cps
Lead	206-1	2773	2689	2984	2815	5.39	cps
Lead	207-1	2367	2561	2623	2517	5.30	cps
Lead	208-1	10919	11274	11524	11239	2.71	cps
Lithium	6-1	2385493	2406089	2430834	2407472	0.94	cps
Magnesium	24-2	568732	569983	562298	567004	0.73	cps
Manganese	55-2	187191	183619	184544	185118	1.00	cps
Molybdenum	94-1	1175	925	1108	1070	12.11	cps
Molybdenum	95-1	1117	1308	1208	1211	7.92	cps
Molybdenum	96-1	1233	1325	1408	1322	6.62	cps
Molybdenum	97-1	867	758	808	811	6.68	cps
Molybdenum	98-1	1650	1859	2075	1861	11.42	cps
Neodymium	150-1	547	353	407	436	22.93	cps
Neodymium	150-2	210	240	247	232	8.41	cps
Nickel	60-2	897	730	830	819	10.24	cps
Phosphorus	31-2	783	750	667	733	8.19	cps
Potassium	39-2	507144	501247	506202	504864	0.63	cps
Rhodium	103-1	5769422	5778910	5857463	5801932	0.83	cps
Rhodium	103-2	3422571	3414813	3414377	3417253	0.13	cps
Scandium	45-1	3588790	3565593	3610750	3588378	0.63	cps
Scandium	45-2	268593	268965	267550	268369	0.27	cps
Selenium	82-1	-32	-10	-32	-25	-50.58	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	76	83	91	83	8.89	cps
Silicon	28-1	14652595	14753564	15016769	14807643	1.27	cps
Silver	107-1	175	108	133	139	24.25	cps
Silver	109-1	33	83	75	64	41.93	cps
Sodium	23-2	20331137	20230909	20125305	20229117	0.51	cps
Strontium	86-1	151246	149629	148333	149736	0.97	cps
Strontium	88-1	1290441	1295802	1302364	1296202	0.46	cps
Sulfur	34-1	338356	338438	344367	340387	1.01	cps
Terbium	159-1	9660987	9690382	9710553	9687307	0.26	cps
Terbium	159-2	5768248	5735467	5743339	5749018	0.30	cps
Thallium	203-1	142	192	167	167	15.00	cps
Thallium	205-1	383	392	467	414	11.09	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3748-03	Instrumnet Name :	P7
Client Sample ID :	A0AM6	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 11:07:24	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	828	883	989	900	9.09	cps
Tin	118-1	1325	1250	1333	1303	3.52	cps
Titanium	47-1	1158	1058	1167	1128	5.35	cps
Uranium	238-1	758	767	1067	864	20.33	cps
Vanadium	51-2	857	807	813	826	3.29	cps
Yttrium	89-1	10413212	10264016	10298446	10325225	0.76	cps
Yttrium	89-2	2236112	2221339	2234675	2230709	0.37	cps
Zinc	66-2	3610	3337	3741	3563	5.78	cps
Zirconium	90-1	1100	1483	1117	1233	17.57	cps
Zirconium	91-1	233	300	250	261	13.29	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3748-04	Instrumnet Name :	P7
Client Sample ID :	A0AN6	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 11:10:31	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10337	9853	9645	9945	3.57	cps
Antimony	121-1	775	900	925	867	9.27	cps
Arsenic	75-2	480	487	446	471	4.61	cps
Barium	135-1	131726	132298	131753	131925	0.24	cps
Barium	137-1	228390	230695	229627	229571	0.50	cps
Beryllium	9-1	128	167	167	154	14.61	cps
Bismuth	209-1	6705283	6657026	6662739	6675016	0.40	cps
Bismuth	209-2	4435004	4498751	4513395	4482384	0.93	cps
Boron	10-1	3901	3759	3742	3801	2.29	cps
Boron	11-1	16785	17027	17719	17177	2.82	cps
Bromine	81-1	33765	36221	39747	36578	8.22	cps
Bromine	81-2	5697	5697	5216	5537	5.01	cps
Cadmium	111-1	852	785	801	812	4.30	cps
Cadmium	106-1	3826	3609	3584	3673	3.62	cps
Cadmium	108-1	25	17	29	24	26.95	cps
Calcium	43-1	367409	368759	373095	369754	0.80	cps
Calcium	44-1	5580398	5669351	5708124	5652624	1.16	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19079	19550	19269	19299	1.23	cps
Cobalt	59-2	26087	26704	26387	26393	1.17	cps
Copper	63-2	3014	2904	3027	2981	2.27	cps
Dysprosium	156-1	458	492	650	533	19.20	cps
Dysprosium	156-2	297	297	287	293	1.97	cps
Erbium	164-1	600	558	700	619	11.75	cps
Erbium	164-2	397	320	337	351	11.48	cps
Gadolinium	160-1	525	525	675	575	15.06	cps
Gadolinium	160-2	423	443	470	446	5.25	cps
Holmium	165-1	9567910	9629198	9694821	9630643	0.66	cps
Holmium	165-2	5933644	6001937	6006683	5980755	0.68	cps
Indium	115-1	6549639	6658379	6566596	6591538	0.89	cps
Indium	115-2	1884489	1907064	1909020	1900191	0.72	cps
Iron	56-2	23129605	22970534	22897566	22999235	0.52	cps
Iron	57-2	589196	591983	584785	588655	0.62	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3748-04	Instrumnet Name :	P7
Client Sample ID :	A0AN6	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 11:10:31	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1297777	1302614	1282860	1294417	0.80	cps
Krypton	83-1	477	533	630	547	14.18	cps
Lead	206-1	4979	5240	5001	5073	2.85	cps
Lead	207-1	4323	4551	3923	4266	7.45	cps
Lead	208-1	19751	20262	19628	19880	1.69	cps
Lithium	6-1	2400446	2386528	2383160	2390045	0.38	cps
Magnesium	24-2	977028	977447	979878	978118	0.16	cps
Manganese	55-2	1965336	1957883	1949931	1957717	0.39	cps
Molybdenum	94-1	1650	1458	1208	1439	15.39	cps
Molybdenum	95-1	1400	1258	1133	1264	10.56	cps
Molybdenum	96-1	1483	1442	1275	1400	7.87	cps
Molybdenum	97-1	733	733	767	744	2.59	cps
Molybdenum	98-1	1942	1975	1900	1939	1.94	cps
Neodymium	150-1	660	653	667	660	1.01	cps
Neodymium	150-2	357	310	367	344	8.78	cps
Nickel	60-2	2750	2757	2724	2744	0.64	cps
Phosphorus	31-2	692	575	775	681	14.76	cps
Potassium	39-2	275389	273986	278301	275892	0.80	cps
Rhodium	103-1	5713693	5795460	5700715	5736623	0.90	cps
Rhodium	103-2	3435735	3454737	3455431	3448634	0.32	cps
Scandium	45-1	3545073	3568788	3504014	3539292	0.93	cps
Scandium	45-2	268202	268990	269434	268875	0.23	cps
Selenium	82-1	71	32	-89	5	1756.55	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	89	100	81	90	10.34	cps
Silicon	28-1	25997125	26384749	26173815	26185229	0.74	cps
Silver	107-1	117	108	125	117	7.14	cps
Silver	109-1	58	75	33	56	37.75	cps
Sodium	23-2	14920091	14799853	15023867	14914604	0.75	cps
Strontium	86-1	263253	264560	267914	265242	0.91	cps
Strontium	88-1	2294101	2314348	2310608	2306353	0.47	cps
Sulfur	34-1	364937	373859	366958	368584	1.27	cps
Terbium	159-1	9614293	9487135	9645148	9582192	0.87	cps
Terbium	159-2	5793669	5824531	5831986	5816729	0.35	cps
Thallium	203-1	200	225	175	200	12.50	cps
Thallium	205-1	575	450	425	483	16.63	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3748-04	Instrumnet Name :	P7
Client Sample ID :	A0AN6	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 11:10:31	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	2100	2061	2217	2126	3.81	cps
Tin	118-1	1492	1500	1784	1592	10.43	cps
Titanium	47-1	1375	1550	1433	1453	6.13	cps
Uranium	238-1	1192	1108	1067	1122	5.67	cps
Vanadium	51-2	2003	2100	2110	2071	2.84	cps
Yttrium	89-1	10209339	10319769	10203030	10244046	0.64	cps
Yttrium	89-2	2227828	2262217	2238490	2242845	0.78	cps
Zinc	66-2	14454	14287	13983	14241	1.67	cps
Zirconium	90-1	1909	2125	1967	2000	5.61	cps
Zirconium	91-1	400	425	383	403	5.21	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3748-05	Instrumnet Name :	P7
Client Sample ID :	A0AN6D	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 11:13:37	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10079	10604	10904	10529	3.97	cps
Antimony	121-1	867	792	1025	894	13.32	cps
Arsenic	75-2	509	522	489	507	3.32	cps
Barium	135-1	135294	135428	137718	136147	1.00	cps
Barium	137-1	240508	240718	239914	240380	0.17	cps
Beryllium	9-1	122	83	122	109	20.55	cps
Bismuth	209-1	6968637	6774115	6670570	6804441	2.22	cps
Bismuth	209-2	4448728	4478569	4519762	4482353	0.80	cps
Boron	10-1	3726	3809	3726	3753	1.28	cps
Boron	11-1	17577	18103	17752	17811	1.50	cps
Bromine	81-1	39379	43875	48055	43770	9.91	cps
Bromine	81-2	7319	7400	7510	7410	1.29	cps
Cadmium	111-1	848	862	908	872	3.62	cps
Cadmium	106-1	3817	3826	3976	3873	2.30	cps
Cadmium	108-1	17	17	29	21	34.64	cps
Calcium	43-1	389528	385556	385755	386946	0.58	cps
Calcium	44-1	5945107	5859927	5859026	5888020	0.84	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	20434	20551	20174	20386	0.95	cps
Cobalt	59-2	27693	27265	27155	27371	1.04	cps
Copper	63-2	2960	2907	2777	2881	3.27	cps
Dysprosium	156-1	533	492	508	511	4.10	cps
Dysprosium	156-2	327	307	347	327	6.12	cps
Erbium	164-1	792	625	650	689	13.05	cps
Erbium	164-2	333	400	377	370	9.14	cps
Gadolinium	160-1	500	583	467	517	11.63	cps
Gadolinium	160-2	393	443	460	432	8.03	cps
Holmium	165-1	9949795	9827040	9652094	9809643	1.53	cps
Holmium	165-2	5956415	5985588	6034475	5992159	0.66	cps
Indium	115-1	6791924	6756668	6570543	6706378	1.77	cps
Indium	115-2	1879090	1901513	1889067	1889890	0.59	cps
Iron	56-2	25212953	25116008	25129390	25152784	0.21	cps
Iron	57-2	638598	640875	637095	638856	0.30	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3748-05	Instrumnet Name :	P7
Client Sample ID :	A0AN6D	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 11:13:37	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1399264	1401409	1408327	1403000	0.34	cps
Krypton	83-1	553	570	593	572	3.51	cps
Lead	206-1	4890	5079	5229	5066	3.35	cps
Lead	207-1	4101	3801	4212	4038	5.27	cps
Lead	208-1	19317	18950	19734	19334	2.03	cps
Lithium	6-1	2417839	2419480	2372191	2403170	1.12	cps
Magnesium	24-2	1004266	1013475	1007819	1008520	0.46	cps
Manganese	55-2	2037503	2022413	2035194	2031703	0.40	cps
Molybdenum	94-1	1208	1433	1283	1308	8.76	cps
Molybdenum	95-1	1183	1408	1167	1253	10.77	cps
Molybdenum	96-1	1592	1575	1508	1558	2.83	cps
Molybdenum	97-1	683	725	692	700	3.15	cps
Molybdenum	98-1	1834	2059	2075	1989	6.79	cps
Neodymium	150-1	640	853	653	716	16.70	cps
Neodymium	150-2	307	357	347	337	7.86	cps
Nickel	60-2	2760	2750	2660	2724	2.02	cps
Phosphorus	31-2	817	767	775	786	3.41	cps
Potassium	39-2	284420	286887	284320	285209	0.51	cps
Rhodium	103-1	6004795	5845070	5739022	5862962	2.28	cps
Rhodium	103-2	3432354	3442664	3453137	3442719	0.30	cps
Scandium	45-1	3656481	3583971	3517134	3585862	1.94	cps
Scandium	45-2	269254	271650	271273	270726	0.48	cps
Selenium	82-1	73	-1	51	41	92.25	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	89	80	74	81	9.26	cps
Silicon	28-1	27472372	27280319	27252603	27335098	0.44	cps
Silver	107-1	125	125	150	133	10.83	cps
Silver	109-1	33	33	42	36	13.33	cps
Sodium	23-2	15198975	15385507	15341592	15308691	0.64	cps
Strontium	86-1	277262	277681	280432	278459	0.62	cps
Strontium	88-1	2399202	2405480	2407050	2403911	0.17	cps
Sulfur	34-1	374324	371394	373391	373036	0.40	cps
Terbium	159-1	9901416	9830811	9586184	9772804	1.69	cps
Terbium	159-2	5768466	5842500	5847098	5819355	0.76	cps
Thallium	203-1	358	225	225	269	28.57	cps
Thallium	205-1	450	592	483	508	14.57	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3748-05	Instrumnet Name :	P7
Client Sample ID :	A0AN6D	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 11:13:37	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	2234	2434	2328	2332	4.29	cps
Tin	118-1	2359	2034	2042	2145	8.64	cps
Titanium	47-1	1475	1450	1233	1386	9.59	cps
Uranium	238-1	1283	983	1050	1106	14.25	cps
Vanadium	51-2	2104	2207	2237	2182	3.21	cps
Yttrium	89-1	10575189	10498798	10182408	10418798	2.00	cps
Yttrium	89-2	2236832	2263171	2244095	2248032	0.61	cps
Zinc	66-2	13713	13386	13446	13515	1.29	cps
Zirconium	90-1	2067	1867	2067	2000	5.77	cps
Zirconium	91-1	400	450	425	425	5.88	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3748-04LX5	Instrumnet Name :	P7
Client Sample ID :	A0AN6L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-21 11:16:43	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1700	1950	1875	1842	6.97	cps
Antimony	121-1	208	225	175	203	12.56	cps
Arsenic	75-2	111	96	81	96	15.38	cps
Barium	135-1	25724	25040	24664	25143	2.14	cps
Barium	137-1	42891	43745	43753	43463	1.14	cps
Beryllium	9-1	83	67	61	70	16.43	cps
Bismuth	209-1	6652561	6633500	6623183	6636415	0.22	cps
Bismuth	209-2	4403163	4487091	4428687	4439647	0.97	cps
Boron	10-1	1258	1325	1092	1225	9.81	cps
Boron	11-1	5576	5584	5568	5576	0.15	cps
Bromine	81-1	18404	18437	17945	18262	1.51	cps
Bromine	81-2	1552	2122	1932	1869	15.55	cps
Cadmium	111-1	773	850	700	775	9.69	cps
Cadmium	106-1	3709	4092	3634	3812	6.45	cps
Cadmium	108-1	8	8	50	22	108.27	cps
Calcium	43-1	71288	70283	70426	70666	0.77	cps
Calcium	44-1	1144989	1146165	1145814	1145656	0.05	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4511	4284	4487	4427	2.82	cps
Cobalt	59-2	4924	5184	4881	4996	3.28	cps
Copper	63-2	1080	1237	1007	1108	10.61	cps
Dysprosium	156-1	83	108	125	106	19.86	cps
Dysprosium	156-2	77	47	60	61	24.60	cps
Erbium	164-1	158	167	175	167	5.00	cps
Erbium	164-2	93	107	113	104	9.75	cps
Gadolinium	160-1	158	108	133	133	18.75	cps
Gadolinium	160-2	147	147	173	156	9.90	cps
Holmium	165-1	9546914	9555679	9535426	9546006	0.11	cps
Holmium	165-2	5831009	5874586	5859052	5854882	0.38	cps
Indium	115-1	6612629	6606346	6493295	6570757	1.02	cps
Indium	115-2	1859382	1875203	1870073	1868219	0.43	cps
Iron	56-2	4476021	4486690	4510206	4490972	0.39	cps
Iron	57-2	112398	109756	110242	110799	1.27	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3748-04LX5	Instrumnet Name :	P7
Client Sample ID :	A0AN6L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-21 11:16:43	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	248004	247944	250475	248807	0.58	cps
Krypton	83-1	497	463	610	523	14.69	cps
Lead	206-1	1639	1411	1428	1493	8.51	cps
Lead	207-1	1233	1406	1456	1365	8.54	cps
Lead	208-1	5834	5956	5945	5912	1.14	cps
Lithium	6-1	2367839	2364932	2378737	2370503	0.31	cps
Magnesium	24-2	184783	185145	188444	186124	1.08	cps
Manganese	55-2	371465	372479	372785	372243	0.19	cps
Molybdenum	94-1	475	367	333	392	18.91	cps
Molybdenum	95-1	308	258	350	306	15.02	cps
Molybdenum	96-1	392	292	383	356	15.61	cps
Molybdenum	97-1	133	208	167	169	22.18	cps
Molybdenum	98-1	550	467	292	436	30.23	cps
Neodymium	150-1	127	133	127	129	2.99	cps
Neodymium	150-2	57	33	70	53	34.80	cps
Nickel	60-2	660	657	590	636	6.21	cps
Phosphorus	31-2	642	667	717	675	5.66	cps
Potassium	39-2	75282	77359	75332	75991	1.56	cps
Rhodium	103-1	5806279	5810134	5793173	5803195	0.15	cps
Rhodium	103-2	3423216	3445150	3424174	3430846	0.36	cps
Scandium	45-1	3568682	3520378	3537180	3542080	0.69	cps
Scandium	45-2	263208	265168	266111	264829	0.56	cps
Selenium	82-1	23	45	-72	-1	-5549.97	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	80	89	83	84	5.55	cps
Silicon	28-1	5276849	5178952	5143663	5199821	1.33	cps
Silver	107-1	117	58	83	86	33.98	cps
Silver	109-1	58	25	75	53	48.24	cps
Sodium	23-2	2803742	2821551	2825964	2817086	0.42	cps
Strontium	86-1	50338	49861	50238	50146	0.50	cps
Strontium	88-1	438699	441672	443963	441445	0.60	cps
Sulfur	34-1	322967	315410	317326	318568	1.23	cps
Terbium	159-1	9532233	9452165	9536597	9506998	0.50	cps
Terbium	159-2	5660820	5718643	5685319	5688261	0.51	cps
Thallium	203-1	58	100	100	86	27.93	cps
Thallium	205-1	250	308	358	306	17.75	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3748-04LX5	Instrumnet Name :	P7
Client Sample ID :	A0AN6L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-21 11:16:43	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	561	583	411	519	18.07	cps
Tin	118-1	750	850	817	806	6.32	cps
Titanium	47-1	325	308	383	339	11.62	cps
Uranium	238-1	192	167	192	183	7.87	cps
Vanadium	51-2	350	373	407	377	7.56	cps
Yttrium	89-1	10146234	10225902	10307543	10226560	0.79	cps
Yttrium	89-2	2195830	2206914	2215126	2205957	0.44	cps
Zinc	66-2	2847	2840	2857	2848	0.29	cps
Zirconium	90-1	742	808	833	794	5.97	cps
Zirconium	91-1	125	175	133	144	18.55	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3748-06	Instrumnet Name :	P7
Client Sample ID :	A0AN6S	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 11:19:50	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	289569	283153	284865	285862	1.16	cps
Antimony	121-1	817796	812222	815810	815276	0.35	cps
Arsenic	75-2	13740	13647	14164	13850	1.99	cps
Barium	135-1	3978138	3994873	3946026	3973012	0.62	cps
Barium	137-1	6954480	6947897	6861624	6921334	0.75	cps
Beryllium	9-1	82991	81484	82383	82286	0.92	cps
Bismuth	209-1	6670795	6773971	6670538	6705101	0.89	cps
Bismuth	209-2	4466352	4463856	4456350	4462186	0.12	cps
Boron	10-1	3709	3817	3817	3781	1.65	cps
Boron	11-1	16251	17494	18503	17416	6.48	cps
Bromine	81-1	23845	27452	28203	26500	8.79	cps
Bromine	81-2	3644	4736	3594	3991	16.16	cps
Cadmium	111-1	101768	101582	100535	101295	0.66	cps
Cadmium	106-1	13407	13840	12773	13340	4.03	cps
Cadmium	108-1	6806	7039	6893	6913	1.71	cps
Calcium	43-1	404270	406702	405714	405562	0.30	cps
Calcium	44-1	6178271	6247024	6182202	6202499	0.62	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	614835	600392	620292	611840	1.68	cps
Cobalt	59-2	2405053	2374008	2411497	2396853	0.84	cps
Copper	63-2	836637	821068	837591	831765	1.12	cps
Dysprosium	156-1	725	642	592	653	10.32	cps
Dysprosium	156-2	387	373	370	377	2.34	cps
Erbium	164-1	717	758	675	717	5.81	cps
Erbium	164-2	393	423	403	407	3.76	cps
Gadolinium	160-1	592	700	733	675	10.97	cps
Gadolinium	160-2	503	477	427	469	8.30	cps
Holmium	165-1	9641493	9750327	9703791	9698537	0.56	cps
Holmium	165-2	6010933	5946795	5975257	5977662	0.54	cps
Indium	115-1	6683375	6603481	6525966	6604274	1.19	cps
Indium	115-2	1898976	1872697	1892289	1887987	0.72	cps
Iron	56-2	31975944	31622163	31971328	31856479	0.64	cps
Iron	57-2	815428	804095	814001	811175	0.76	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3748-06	Instrumnet Name :	P7
Client Sample ID :	A0AN6S	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 11:19:50	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1802101	1796544	1809985	1802877	0.37	cps
Krypton	83-1	553	520	530	534	3.20	cps
Lead	206-1	163134	165794	164294	164407	0.81	cps
Lead	207-1	146096	150501	147135	147911	1.56	cps
Lead	208-1	662421	673576	666656	667551	0.84	cps
Lithium	6-1	2403909	2416373	2407374	2409219	0.27	cps
Magnesium	24-2	1044940	1046201	1046394	1045845	0.08	cps
Manganese	55-2	3200340	3164669	3208387	3191132	0.73	cps
Molybdenum	94-1	1917	1550	1558	1675	12.50	cps
Molybdenum	95-1	1492	1400	1467	1453	3.26	cps
Molybdenum	96-1	1742	1675	1759	1725	2.56	cps
Molybdenum	97-1	983	767	933	894	12.68	cps
Molybdenum	98-1	2667	2442	2609	2573	4.54	cps
Neodymium	150-1	1100	1140	960	1067	8.86	cps
Neodymium	150-2	403	383	500	429	14.55	cps
Nickel	60-2	611508	598711	615951	608724	1.47	cps
Phosphorus	31-2	792	742	575	703	16.14	cps
Potassium	39-2	295903	295167	298676	296582	0.62	cps
Rhodium	103-1	5824167	5805018	5814455	5814547	0.16	cps
Rhodium	103-2	3473881	3407851	3455545	3445759	0.99	cps
Scandium	45-1	3603437	3592410	3596549	3597465	0.15	cps
Scandium	45-2	271463	269965	270385	270604	0.29	cps
Selenium	82-1	12292	12501	12487	12426	0.94	cps
Selenium	77-2	853	973	990	939	7.94	cps
Selenium	78-2	3382	3274	3204	3287	2.72	cps
Silicon	28-1	28475636	28476554	28490013	28480734	0.03	cps
Silver	107-1	314141	311089	309371	311534	0.78	cps
Silver	109-1	297088	300406	301084	299526	0.71	cps
Sodium	23-2	15693984	15593155	15497857	15594998	0.63	cps
Strontium	86-1	287440	287628	288137	287735	0.13	cps
Strontium	88-1	2508879	2498895	2516884	2508219	0.36	cps
Sulfur	34-1	370441	367814	368559	368938	0.37	cps
Terbium	159-1	9681759	9700048	9682115	9687974	0.11	cps
Terbium	159-2	5839865	5778368	5784483	5800905	0.58	cps
Thallium	203-1	487521	490828	491319	489889	0.42	cps
Thallium	205-1	1178331	1191218	1193897	1187815	0.70	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3748-06	Instrumnet Name :	P7
Client Sample ID :	A0AN6S	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 11:19:50	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	2400	2617	2384	2467	5.28	cps
Tin	118-1	2359	2150	5905	3471	60.79	cps
Titanium	47-1	1608	1608	1625	1614	0.60	cps
Uranium	238-1	1258	1208	1167	1211	3.79	cps
Vanadium	51-2	1215530	1196091	1214961	1208860	0.92	cps
Yttrium	89-1	10474051	10248725	10383999	10368925	1.09	cps
Yttrium	89-2	2273595	2211857	2271335	2252262	1.55	cps
Zinc	66-2	292121	290139	293144	291801	0.52	cps
Zirconium	90-1	2175	2109	2567	2284	10.85	cps
Zirconium	91-1	608	617	533	586	7.83	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3748-07	Instrumnet Name :	P7
Client Sample ID :	A0AP6	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 11:22:55	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8328	8519	8394	8414	1.16	cps
Antimony	121-1	675	717	742	711	4.74	cps
Arsenic	75-2	115	100	137	117	15.90	cps
Barium	135-1	97238	98027	96541	97269	0.76	cps
Barium	137-1	170424	171665	171073	171054	0.36	cps
Beryllium	9-1	100	117	89	102	13.73	cps
Bismuth	209-1	6748863	6787325	6771934	6769374	0.29	cps
Bismuth	209-2	4434035	4484923	4512927	4477295	0.89	cps
Boron	10-1	3842	3659	3576	3692	3.70	cps
Boron	11-1	15825	16918	16326	16356	3.34	cps
Bromine	81-1	30500	34183	38343	34342	11.43	cps
Bromine	81-2	5687	5947	6037	5891	3.09	cps
Cadmium	111-1	812	843	774	810	4.25	cps
Cadmium	106-1	3909	4142	3792	3948	4.52	cps
Cadmium	108-1	4	21	25	17	66.13	cps
Calcium	43-1	184603	185742	186030	185459	0.41	cps
Calcium	44-1	2999859	3023163	2982323	3001782	0.68	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3334	3137	3220	3230	3.06	cps
Cobalt	59-2	1533	1583	1503	1540	2.62	cps
Copper	63-2	2033	2200	2270	2168	5.61	cps
Dysprosium	156-1	408	300	267	325	22.79	cps
Dysprosium	156-2	173	150	233	186	23.17	cps
Erbium	164-1	333	292	308	311	6.74	cps
Erbium	164-2	217	213	193	208	6.07	cps
Gadolinium	160-1	383	283	283	317	18.23	cps
Gadolinium	160-2	273	263	257	264	3.17	cps
Holmium	165-1	9732326	9930739	9893106	9852057	1.07	cps
Holmium	165-2	5963774	6013853	6054676	6010767	0.76	cps
Indium	115-1	6655304	6772752	6625706	6684587	1.16	cps
Indium	115-2	1889636	1908138	1927605	1908459	0.99	cps
Iron	56-2	4572399	4568663	4548488	4563184	0.28	cps
Iron	57-2	115651	115998	114867	115505	0.50	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3748-07	Instrumnet Name :	P7
Client Sample ID :	A0AP6	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 11:22:55	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	252461	253420	248687	251523	0.99	cps
Krypton	83-1	537	567	477	527	8.70	cps
Lead	206-1	5740	5523	5612	5625	1.94	cps
Lead	207-1	4662	4434	4973	4690	5.77	cps
Lead	208-1	21991	21491	22363	21948	1.99	cps
Lithium	6-1	2440359	2439534	2441821	2440571	0.05	cps
Magnesium	24-2	570348	564955	569785	568363	0.52	cps
Manganese	55-2	553425	555936	556852	555404	0.32	cps
Molybdenum	94-1	783	858	625	756	15.77	cps
Molybdenum	95-1	800	875	750	808	7.78	cps
Molybdenum	96-1	892	833	817	847	4.65	cps
Molybdenum	97-1	500	525	525	517	2.79	cps
Molybdenum	98-1	1492	1308	1100	1300	15.08	cps
Neodymium	150-1	520	427	393	447	14.70	cps
Neodymium	150-2	203	227	173	201	13.29	cps
Nickel	60-2	1447	1310	1347	1368	5.17	cps
Phosphorus	31-2	758	775	683	739	6.61	cps
Potassium	39-2	437281	442076	439064	439473	0.55	cps
Rhodium	103-1	5874790	5911305	5871589	5885894	0.37	cps
Rhodium	103-2	3431972	3469680	3512622	3471425	1.16	cps
Scandium	45-1	3600727	3640888	3610456	3617357	0.58	cps
Scandium	45-2	267832	270316	271953	270033	0.77	cps
Selenium	82-1	53	-43	94	35	203.08	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	81	85	93	86	6.55	cps
Silicon	28-1	14668665	14750361	14685577	14701534	0.29	cps
Silver	107-1	317	258	150	242	35.00	cps
Silver	109-1	292	142	208	214	35.14	cps
Sodium	23-2	20670567	20380367	20427048	20492661	0.76	cps
Strontium	86-1	148368	150773	149654	149598	0.80	cps
Strontium	88-1	1310669	1301904	1303514	1305362	0.36	cps
Sulfur	34-1	336653	337013	329331	334332	1.30	cps
Terbium	159-1	9815725	9645932	9788900	9750186	0.94	cps
Terbium	159-2	5789312	5820673	5926909	5845631	1.23	cps
Thallium	203-1	183	333	217	244	32.22	cps
Thallium	205-1	583	475	625	561	13.80	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3748-07	Instrumnet Name :	P7
Client Sample ID :	A0AP6	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 11:22:55	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	767	750	822	780	4.85	cps
Tin	118-1	1167	1083	1042	1097	5.80	cps
Titanium	47-1	1267	1283	1267	1272	0.76	cps
Uranium	238-1	608	650	608	622	3.87	cps
Vanadium	51-2	710	760	693	721	4.81	cps
Yttrium	89-1	10454978	10363735	10399812	10406175	0.44	cps
Yttrium	89-2	2223289	2256062	2280034	2253128	1.26	cps
Zinc	66-2	3184	3284	3224	3230	1.56	cps
Zirconium	90-1	1008	1058	1150	1072	6.70	cps
Zirconium	91-1	283	208	242	244	15.37	cps

LB Number : LB116409 Operator : JASWAL
 Lab Sample ID : PB139156BL Instrumnet Name : P7
 Client Sample ID : PBS156 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-21 11:26:06 DataFile Name : 047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	100	117	86	45.73	cps
Antimony	121-1	150	67	100	106	39.74	cps
Arsenic	75-2	7	2	6	5	57.32	cps
Barium	135-1	42	50	75	56	31.22	cps
Barium	137-1	42	33	142	72	83.47	cps
Beryllium	9-1	44	28	33	35	24.12	cps
Bismuth	209-1	6706952	6787908	6796668	6763842	0.73	cps
Bismuth	209-2	4451925	4506936	4505762	4488208	0.70	cps
Boron	10-1	567	625	458	550	15.38	cps
Boron	11-1	2225	2509	2509	2414	6.78	cps
Bromine	81-1	11947	11280	10971	11399	4.38	cps
Bromine	81-2	641	511	581	577	11.28	cps
Cadmium	111-1	790	802	805	799	1.00	cps
Cadmium	106-1	3901	3984	3984	3956	1.22	cps
Cadmium	108-1	4	17	13	11	57.27	cps
Calcium	43-1	83	125	175	128	35.92	cps
Calcium	44-1	5268	5434	5926	5543	6.18	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	807	717	683	736	8.67	cps
Cobalt	59-2	40	20	50	37	41.66	cps
Copper	63-2	710	670	667	682	3.53	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	100	33	58	62.27	cps
Erbium	164-2	50	40	57	49	17.16	cps
Gadolinium	160-1	58	33	83	58	42.86	cps
Gadolinium	160-2	73	100	53	76	30.99	cps
Holmium	165-1	9640984	9728998	9814390	9728124	0.89	cps
Holmium	165-2	5900317	5905289	5853997	5886534	0.48	cps
Indium	115-1	6691887	6738543	6608295	6679575	0.99	cps
Indium	115-2	1877828	1905337	1899079	1894081	0.76	cps
Iron	56-2	4173	3995	3823	3997	4.38	cps
Iron	57-2	106	144	200	150	31.64	cps

LB Number : LB116409 Operator : JASWAL
 Lab Sample ID : PB139156BL Instrumnet Name : P7
 Client Sample ID : PBS156 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-21 11:26:06 DataFile Name : 047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	651	741	571	654	13.02	cps
Krypton	83-1	527	597	567	563	6.23	cps
Lead	206-1	650	644	478	591	16.57	cps
Lead	207-1	483	544	539	522	6.47	cps
Lead	208-1	2350	2345	2317	2337	0.76	cps
Lithium	6-1	2411344	2417634	2422660	2417212	0.23	cps
Magnesium	24-2	217	250	142	203	27.36	cps
Manganese	55-2	103	97	93	98	5.21	cps
Molybdenum	94-1	92	117	150	119	24.50	cps
Molybdenum	95-1	17	50	8	25	88.19	cps
Molybdenum	96-1	42	67	67	58	24.74	cps
Molybdenum	97-1	50	0	0	17	173.21	cps
Molybdenum	98-1	25	58	25	36	53.29	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	170	137	153	153	10.87	cps
Phosphorus	31-2	642	625	575	614	5.65	cps
Potassium	39-2	27618	29722	29772	29037	4.23	cps
Rhodium	103-1	5873670	5951572	5885848	5903697	0.71	cps
Rhodium	103-2	3442151	3463848	3499325	3468441	0.83	cps
Scandium	45-1	3585613	3613062	3595629	3598101	0.39	cps
Scandium	45-2	264693	267550	270216	267486	1.03	cps
Selenium	82-1	26	-92	-27	-31	-191.93	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	59	89	67	72	21.53	cps
Silicon	28-1	182112	185064	181615	182930	1.02	cps
Silver	107-1	275	292	417	328	23.62	cps
Silver	109-1	158	258	383	267	42.27	cps
Sodium	23-2	17043	17711	17452	17402	1.93	cps
Strontium	86-1	925	908	925	920	1.05	cps
Strontium	88-1	275	267	233	258	8.54	cps
Sulfur	34-1	289599	286942	284266	286936	0.93	cps
Terbium	159-1	9541935	9727846	9740850	9670210	1.15	cps
Terbium	159-2	5695744	5755327	5751135	5734069	0.58	cps
Thallium	203-1	125	67	117	103	30.69	cps
Thallium	205-1	267	292	333	297	11.33	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	PB139156BL	Instrumnet Name :	P7
Client Sample ID :	PBS156	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 11:26:06	DataFile Name :	047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	111	117	67	98	27.92	cps
Tin	118-1	1000	875	1108	995	11.74	cps
Titanium	47-1	75	83	117	92	24.05	cps
Uranium	238-1	50	8	17	25	88.19	cps
Vanadium	51-2	17	3	13	11	62.48	cps
Yttrium	89-1	10266249	10473285	10415543	10385026	1.03	cps
Yttrium	89-2	2210916	2245389	2241409	2232571	0.84	cps
Zinc	66-2	410	520	513	481	12.82	cps
Zirconium	90-1	375	517	592	494	22.25	cps
Zirconium	91-1	83	83	108	92	15.74	cps

LB Number : LB116409 Operator : JASWAL
 Lab Sample ID : PB139156BS Instrumnet Name : P7
 Client Sample ID : LCS156 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-21 11:29:13 DataFile Name : 048LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5576	5910	5676	5721	2.99	cps
Antimony	121-1	28755	29456	27728	28646	3.03	cps
Arsenic	75-2	526	589	626	580	8.71	cps
Barium	135-1	35120	35788	34552	35153	1.76	cps
Barium	137-1	58072	61620	60926	60206	3.12	cps
Beryllium	9-1	3156	3317	3084	3186	3.75	cps
Bismuth	209-1	6494629	6539145	6889440	6641072	3.26	cps
Bismuth	209-2	4417584	4408242	4440378	4422068	0.37	cps
Boron	10-1	8945	9670	9737	9450	4.65	cps
Boron	11-1	40287	44825	45092	43402	6.22	cps
Bromine	81-1	6735	7019	6718	6824	2.47	cps
Bromine	81-2	210	200	240	217	9.61	cps
Cadmium	111-1	4739	4935	4694	4789	2.68	cps
Cadmium	106-1	3942	4526	4292	4254	6.91	cps
Cadmium	108-1	346	321	367	344	6.66	cps
Calcium	43-1	19321	19705	18963	19330	1.92	cps
Calcium	44-1	310994	314761	310338	312031	0.77	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	11855	11842	12442	12046	2.85	cps
Cobalt	59-2	8990	9076	9043	9036	0.48	cps
Copper	63-2	12285	12232	12195	12237	0.37	cps
Dysprosium	156-1	0	0	25	8	173.21	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	42	42	42	42	0.00	cps
Erbium	164-2	27	43	43	38	25.46	cps
Gadolinium	160-1	92	50	50	64	37.66	cps
Gadolinium	160-2	113	103	133	117	13.10	cps
Holmium	165-1	9298452	9548380	9859836	9568890	2.94	cps
Holmium	165-2	5793144	5824447	5852505	5823365	0.51	cps
Indium	115-1	6618795	6667572	6796761	6694376	1.37	cps
Indium	115-2	1882022	1879439	1913151	1891537	0.99	cps
Iron	56-2	1138332	1137004	1150622	1141986	0.66	cps
Iron	57-2	29151	27899	29112	28721	2.48	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	PB139156BS	Instrumnet Name :	P7
Client Sample ID :	LCS156	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 11:29:13	DataFile Name :	048LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	62868	63601	62647	63039	0.79	cps
Krypton	83-1	610	473	557	547	12.60	cps
Lead	206-1	14347	14291	15014	14551	2.77	cps
Lead	207-1	12500	12962	13179	12880	2.69	cps
Lead	208-1	57366	58791	59942	58700	2.20	cps
Lithium	6-1	2330355	2348252	2443446	2374018	2.56	cps
Magnesium	24-2	267965	270161	270828	269651	0.56	cps
Manganese	55-2	3724	4004	3931	3886	3.74	cps
Molybdenum	94-1	27018	28262	27159	27480	2.48	cps
Molybdenum	95-1	33147	34150	32496	33264	2.50	cps
Molybdenum	96-1	37425	37191	37124	37246	0.42	cps
Molybdenum	97-1	21316	21007	21533	21286	1.24	cps
Molybdenum	98-1	55207	54688	54052	54649	1.06	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	2580	2460	2634	2558	3.47	cps
Phosphorus	31-2	667	817	583	689	17.16	cps
Potassium	39-2	276881	279863	283938	280227	1.26	cps
Rhodium	103-1	5831335	5885983	6189755	5969024	3.24	cps
Rhodium	103-2	3468661	3456428	3517029	3480706	0.92	cps
Scandium	45-1	3598031	3647771	3756733	3667512	2.21	cps
Scandium	45-2	269663	270137	275399	271733	1.17	cps
Selenium	82-1	1081	1182	1157	1140	4.60	cps
Selenium	77-2	90	67	133	97	35.00	cps
Selenium	78-2	393	387	350	377	6.15	cps
Silicon	28-1	275214	272710	267682	271869	1.41	cps
Silver	107-1	17119	17853	17695	17556	2.20	cps
Silver	109-1	16318	17244	17762	17108	4.27	cps
Sodium	23-2	478029	477500	478392	477974	0.09	cps
Strontium	86-1	4959	5476	5793	5410	7.78	cps
Strontium	88-1	39655	40249	41084	40329	1.78	cps
Sulfur	34-1	308868	310622	306615	308702	0.65	cps
Terbium	159-1	9490453	9425847	9815602	9577301	2.18	cps
Terbium	159-2	5684625	5645621	5751541	5693929	0.94	cps
Thallium	203-1	17378	16694	16494	16856	2.75	cps
Thallium	205-1	42058	41190	41373	41540	1.10	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	PB139156BS	Instrumnet Name :	P7
Client Sample ID :	LCS156	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 11:29:13	DataFile Name :	048LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	72	111	61	81	32.22	cps
Tin	118-1	59785	59426	59727	59646	0.32	cps
Titanium	47-1	8661	8928	8778	8789	1.52	cps
Uranium	238-1	55008	56724	56841	56191	1.83	cps
Vanadium	51-2	22571	23101	22688	22787	1.22	cps
Yttrium	89-1	10176507	10376826	10822718	10458684	3.16	cps
Yttrium	89-2	2239542	2225819	2280689	2248683	1.27	cps
Zinc	66-2	5594	5594	5788	5659	1.97	cps
Zirconium	90-1	21667	22385	22818	22290	2.61	cps
Zirconium	91-1	5159	5209	4843	5070	3.92	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3749-10	Instrumnet Name :	P7
Client Sample ID :	A0AZ7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 11:32:21	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	312601	308472	302941	308005	1.57	cps
Antimony	121-1	1081316	1071170	1094691	1082392	1.09	cps
Arsenic	75-2	522	619	491	544	12.24	cps
Barium	135-1	4184	3942	3967	4031	3.30	cps
Barium	137-1	7360	7569	7952	7627	3.94	cps
Beryllium	9-1	38176	38048	38315	38180	0.35	cps
Bismuth	209-1	6657899	6767029	6732696	6719208	0.83	cps
Bismuth	209-2	4528516	4602571	4521569	4550886	0.99	cps
Boron	10-1	1067	1050	1200	1106	7.44	cps
Boron	11-1	5459	5651	5326	5479	2.98	cps
Bromine	81-1	6393	6693	6685	6591	2.59	cps
Bromine	81-2	120	130	170	140	18.90	cps
Cadmium	111-1	24106	23956	24322	24128	0.76	cps
Cadmium	106-1	6243	6318	5576	6046	6.76	cps
Cadmium	108-1	1583	1575	1425	1528	5.83	cps
Calcium	43-1	9703	9570	9870	9715	1.55	cps
Calcium	44-1	157075	155475	155467	156005	0.59	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	106280	105460	104647	105463	0.77	cps
Cobalt	59-2	284949	279346	277957	280751	1.32	cps
Copper	63-2	154619	153421	151397	153146	1.06	cps
Dysprosium	156-1	950	908	1158	1006	13.32	cps
Dysprosium	156-2	607	560	610	592	4.72	cps
Erbium	164-1	675	800	817	764	10.14	cps
Erbium	164-2	453	393	507	451	12.57	cps
Gadolinium	160-1	817	958	817	864	9.47	cps
Gadolinium	160-2	660	663	697	673	3.01	cps
Holmium	165-1	9721146	9807017	9862643	9796936	0.73	cps
Holmium	165-2	5993176	6139259	6026684	6053040	1.26	cps
Indium	115-1	6853897	6809008	6863572	6842159	0.43	cps
Indium	115-2	2018135	2022189	1986031	2008785	0.99	cps
Iron	56-2	1009169	995175	990069	998138	0.99	cps
Iron	57-2	24927	24638	24515	24693	0.86	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3749-10	Instrumnet Name :	P7
Client Sample ID :	A0AZ7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 11:32:21	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	61681	59118	58344	59715	2.92	cps
Krypton	83-1	567	477	517	520	8.67	cps
Lead	206-1	335220	340402	341924	339182	1.04	cps
Lead	207-1	279084	283862	289233	284060	1.79	cps
Lead	208-1	1315037	1330491	1347554	1331027	1.22	cps
Lithium	6-1	2496293	2530188	2549525	2525335	1.07	cps
Magnesium	24-2	1795652	1792364	1769180	1785732	0.81	cps
Manganese	55-2	6315	6161	6098	6191	1.80	cps
Molybdenum	94-1	9579	9353	9512	9481	1.22	cps
Molybdenum	95-1	267	200	208	225	16.14	cps
Molybdenum	96-1	1600	1742	1800	1714	6.00	cps
Molybdenum	97-1	142	150	117	136	12.75	cps
Molybdenum	98-1	358	275	308	314	13.36	cps
Neodymium	150-1	1520	1607	1640	1589	3.90	cps
Neodymium	150-2	790	780	857	809	5.15	cps
Nickel	60-2	1390	1257	1593	1413	12.00	cps
Phosphorus	31-2	733	658	758	717	7.26	cps
Potassium	39-2	2707580	2663921	2630084	2667195	1.46	cps
Rhodium	103-1	6012232	6169860	6162771	6114954	1.46	cps
Rhodium	103-2	3696128	3661257	3629692	3662359	0.91	cps
Scandium	45-1	3762585	3711318	3766562	3746821	0.82	cps
Scandium	45-2	293078	290753	283354	289062	1.76	cps
Selenium	82-1	43	92	92	76	37.29	cps
Selenium	77-2	7	0	7	4	86.60	cps
Selenium	78-2	111	91	98	100	10.31	cps
Silicon	28-1	1280797	1250044	1279202	1270015	1.36	cps
Silver	107-1	410948	411028	420788	414255	1.37	cps
Silver	109-1	387851	395536	398079	393822	1.35	cps
Sodium	23-2	3791836	3811327	3766701	3789955	0.59	cps
Strontium	86-1	7644	7769	8361	7925	4.83	cps
Strontium	88-1	58728	59766	60277	59590	1.32	cps
Sulfur	34-1	315683	302495	304444	307540	2.31	cps
Terbium	159-1	9757882	9735968	9927627	9807159	1.07	cps
Terbium	159-2	5860656	5958925	5880739	5900107	0.88	cps
Thallium	203-1	1475	1408	1208	1364	10.18	cps
Thallium	205-1	3709	3392	3559	3553	4.46	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3749-10	Instrumnet Name :	P7
Client Sample ID :	A0AZ7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 11:32:21	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	6924	7769	7269	7321	5.80	cps
Tin	118-1	2475	2525	2459	2486	1.40	cps
Titanium	47-1	3609	3576	3592	3592	0.46	cps
Uranium	238-1	1684	1583	1683	1650	3.50	cps
Vanadium	51-2	2850	2657	2830	2779	3.83	cps
Yttrium	89-1	10723081	10669284	10762629	10718331	0.44	cps
Yttrium	89-2	2434259	2377022	2355460	2388914	1.70	cps
Zinc	66-2	45353	44788	44605	44916	0.87	cps
Zirconium	90-1	26951	26067	26308	26442	1.73	cps
Zirconium	91-1	5635	5701	6043	5793	3.78	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	CCV06	Instrumnet Name :	P7
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 11:37:24	DataFile Name :	050CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6226790	6194760	6164898	6195483	0.50	cps
Antimony	121-1	3639132	3725960	3562803	3642632	2.24	cps
Arsenic	75-2	153352	154993	149514	152620	1.84	cps
Barium	135-1	4439390	4428800	4399656	4422615	0.47	cps
Barium	137-1	7795566	7711822	7764329	7757239	0.55	cps
Beryllium	9-1	742242	745039	738935	742072	0.41	cps
Bismuth	209-1	6392367	6395086	6285006	6357487	0.99	cps
Bismuth	209-2	4012001	4136156	4196699	4114952	2.29	cps
Boron	10-1	93815	94636	101960	96804	4.63	cps
Boron	11-1	432365	432676	469688	444910	4.82	cps
Bromine	81-1	5893	4976	6110	5660	10.64	cps
Bromine	81-2	160	90	160	137	29.57	cps
Cadmium	111-1	916939	912218	921368	916841	0.50	cps
Cadmium	106-1	183074	177313	181956	180781	1.69	cps
Cadmium	108-1	100858	97041	99675	99191	1.97	cps
Calcium	43-1	4730158	4757266	4748477	4745300	0.29	cps
Calcium	44-1	74029622	75120304	72957218	74035715	1.46	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1321201	1320085	1305128	1315471	0.68	cps
Cobalt	59-2	2110471	2131629	2096343	2112815	0.84	cps
Copper	63-2	15205611	15199809	14942944	15116121	0.99	cps
Dysprosium	156-1	733	908	908	850	11.89	cps
Dysprosium	156-2	527	487	553	522	6.43	cps
Erbium	164-1	250	175	225	217	17.62	cps
Erbium	164-2	117	150	140	136	12.62	cps
Gadolinium	160-1	800	850	883	844	4.97	cps
Gadolinium	160-2	690	610	643	648	6.20	cps
Holmium	165-1	9853239	9986800	9701323	9847121	1.45	cps
Holmium	165-2	5704116	5877901	5961722	5847913	2.25	cps
Indium	115-1	6564249	6638640	6373449	6525446	2.10	cps
Indium	115-2	1755485	1815452	1818299	1796412	1.97	cps
Iron	56-2	295887962	295597051	289086229	293523747	1.31	cps
Iron	57-2	7438592	7348201	7280411	7355735	1.08	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	CCV06	Instrumnet Name :	P7
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 11:37:24	DataFile Name :	050CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	16039862	16025578	15882539	15982659	0.54	cps
Krypton	83-1	470	530	563	521	9.08	cps
Lead	206-1	18027989	17622552	18292413	17980984	1.88	cps
Lead	207-1	15842718	15726224	16229236	15932726	1.65	cps
Lead	208-1	72927673	71578770	73780711	72762385	1.53	cps
Lithium	6-1	2386449	2287573	2352304	2342109	2.14	cps
Magnesium	24-2	67226452	67694224	67240116	67386931	0.40	cps
Manganese	55-2	9594471	9706215	9568531	9623072	0.76	cps
Molybdenum	94-1	14001909	14263701	13938422	14068011	1.23	cps
Molybdenum	95-1	8505776	8704806	8342821	8517801	2.13	cps
Molybdenum	96-1	10677401	10755130	10385621	10606051	1.84	cps
Molybdenum	97-1	5327413	5418433	5259670	5335172	1.49	cps
Molybdenum	98-1	13638032	13888300	13506884	13677739	1.42	cps
Neodymium	150-1	340	327	353	340	3.92	cps
Neodymium	150-2	77	110	70	86	25.05	cps
Nickel	60-2	574620	579145	565717	573161	1.19	cps
Phosphorus	31-2	59192	59937	58875	59335	0.92	cps
Potassium	39-2	31782315	32207131	31619016	31869488	0.95	cps
Rhodium	103-1	5575334	5774645	5421690	5590556	3.17	cps
Rhodium	103-2	3126412	3222526	3219390	3189443	1.71	cps
Scandium	45-1	3674982	3812853	3539974	3675936	3.71	cps
Scandium	45-2	264745	271576	268830	268383	1.28	cps
Selenium	82-1	58650	56617	59238	58168	2.36	cps
Selenium	77-2	4381	4121	4301	4267	3.12	cps
Selenium	78-2	14680	14798	14429	14636	1.29	cps
Silicon	28-1	2395920	2511418	2515212	2474183	2.74	cps
Silver	107-1	4632057	4629948	4579824	4613943	0.64	cps
Silver	109-1	4379969	4371255	4396974	4382732	0.30	cps
Sodium	23-2	113432615	111910248	112541303	112628055	0.68	cps
Strontium	86-1	10609911	10833206	10673086	10705401	1.08	cps
Strontium	88-1	92610577	93410977	92922050	92981201	0.43	cps
Sulfur	34-1	650965	664655	633253	649624	2.42	cps
Terbium	159-1	9790497	9881772	9688988	9787086	0.99	cps
Terbium	159-2	5538023	5691805	5783098	5670975	2.18	cps
Thallium	203-1	4375350	4229523	4419059	4341311	2.29	cps
Thallium	205-1	10572544	10364781	10687884	10541736	1.55	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	CCV06	Instrumnet Name :	P7
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 11:37:24	DataFile Name :	050CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	16709901	16221674	16999220	16643599	2.36	cps
Tin	118-1	3057439	3014969	3050777	3041062	0.75	cps
Titanium	47-1	2211288	2252085	2169723	2211032	1.86	cps
Uranium	238-1	15659376	15054462	16071149	15594996	3.28	cps
Vanadium	51-2	1104543	1113926	1091677	1103382	1.01	cps
Yttrium	89-1	10636990	10875586	10324448	10612341	2.60	cps
Yttrium	89-2	2190795	2244547	2238999	2224780	1.33	cps
Zinc	66-2	2489637	2492886	2454231	2478918	0.86	cps
Zirconium	90-1	25104062	25330585	24528985	24987877	1.65	cps
Zirconium	91-1	5680246	5697708	5517364	5631773	1.77	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	CCB06	Instrumnet Name :	P7
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 11:43:19	DataFile Name :	051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	350	292	233	292	20.00	cps
Antimony	121-1	725	817	742	761	6.42	cps
Arsenic	75-2	13	17	20	17	22.23	cps
Barium	135-1	200	183	200	194	4.95	cps
Barium	137-1	267	167	283	239	26.41	cps
Beryllium	9-1	139	67	83	96	39.27	cps
Bismuth	209-1	6815946	6786517	6811345	6804603	0.23	cps
Bismuth	209-2	4506722	4554233	4546231	4535729	0.56	cps
Boron	10-1	1433	1275	1350	1353	5.86	cps
Boron	11-1	6393	5801	6126	6107	4.85	cps
Bromine	81-1	5685	5626	5460	5590	2.09	cps
Bromine	81-2	70	80	50	67	22.91	cps
Cadmium	111-1	782	789	794	788	0.80	cps
Cadmium	106-1	3559	3692	3634	3628	1.84	cps
Cadmium	108-1	25	29	17	24	26.95	cps
Calcium	43-1	167	358	267	264	36.33	cps
Calcium	44-1	8269	7969	7669	7969	3.77	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	857	833	880	857	2.72	cps
Cobalt	59-2	150	140	133	141	5.94	cps
Copper	63-2	1537	1427	1330	1431	7.23	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	75	50	67	64	19.92	cps
Erbium	164-2	30	40	30	33	17.32	cps
Gadolinium	160-1	75	50	42	56	31.22	cps
Gadolinium	160-2	113	110	103	109	4.68	cps
Holmium	165-1	9804749	9838492	10007391	9883544	1.10	cps
Holmium	165-2	5982720	6052707	5977738	6004388	0.70	cps
Indium	115-1	6965567	6886282	6900956	6917602	0.61	cps
Indium	115-2	1959347	1949768	1962010	1957042	0.33	cps
Iron	56-2	13562	13656	13506	13575	0.56	cps
Iron	57-2	311	278	311	300	6.41	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	CCB06	Instrumnet Name :	P7
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 11:43:19	DataFile Name :	051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1231	1301	1281	1271	2.84	cps
Krypton	83-1	570	590	583	581	1.75	cps
Lead	206-1	1595	1328	1372	1432	9.98	cps
Lead	207-1	1256	1239	1211	1235	1.82	cps
Lead	208-1	5956	5395	5639	5664	4.97	cps
Lithium	6-1	2491519	2466466	2515742	2491242	0.99	cps
Magnesium	24-2	2409	2809	2417	2545	8.98	cps
Manganese	55-2	363	360	363	362	0.53	cps
Molybdenum	94-1	883	1025	942	950	7.50	cps
Molybdenum	95-1	475	358	350	394	17.72	cps
Molybdenum	96-1	592	642	508	581	11.60	cps
Molybdenum	97-1	333	167	233	244	34.32	cps
Molybdenum	98-1	725	667	583	658	10.82	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	183	237	180	200	15.90	cps
Phosphorus	31-2	583	567	600	583	2.86	cps
Potassium	39-2	33956	33129	33455	33513	1.24	cps
Rhodium	103-1	6080464	6193883	6079944	6118097	1.07	cps
Rhodium	103-2	3594712	3580546	3620726	3598661	0.57	cps
Scandium	45-1	3769865	3720082	3718742	3736230	0.78	cps
Scandium	45-2	279729	278908	279354	279330	0.15	cps
Selenium	82-1	-17	-23	-62	-34	-71.88	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	111	74	61	82	31.61	cps
Silicon	28-1	191691	190390	182518	188200	2.64	cps
Silver	107-1	358	408	542	436	21.73	cps
Silver	109-1	333	325	458	372	20.07	cps
Sodium	23-2	25305	25188	24078	24857	2.72	cps
Strontium	86-1	1167	1367	1242	1258	8.03	cps
Strontium	88-1	3367	3034	3150	3184	5.31	cps
Sulfur	34-1	326653	329665	326496	327605	0.55	cps
Terbium	159-1	9780583	9888212	9984632	9884476	1.03	cps
Terbium	159-2	5838365	5839136	5844601	5840700	0.06	cps
Thallium	203-1	508	450	358	439	17.23	cps
Thallium	205-1	1192	1200	1250	1214	2.60	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	CCB06	Instrumnet Name :	P7
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 11:43:19	DataFile Name :	051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	711	817	589	706	16.16	cps
Tin	118-1	983	1125	1117	1075	7.40	cps
Titanium	47-1	75	225	150	150	50.00	cps
Uranium	238-1	600	508	400	503	19.91	cps
Vanadium	51-2	47	50	37	44	15.61	cps
Yttrium	89-1	10832712	10732438	10795820	10786990	0.47	cps
Yttrium	89-2	2333768	2319030	2316697	2323165	0.40	cps
Zinc	66-2	593	677	733	668	10.55	cps
Zirconium	90-1	1708	1617	1867	1731	7.31	cps
Zirconium	91-1	325	333	358	339	5.12	cps

LB Number : LB116409 Operator : JASWAL
 Lab Sample ID : CRI Instrumnet Name : P7
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2021-09-21 11:46:27 DataFile Name : 052LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2742	3092	2742	2859	7.07	cps
Antimony	121-1	15634	14808	15476	15306	2.86	cps
Arsenic	75-2	317	326	320	321	1.45	cps
Barium	135-1	18580	18070	18496	18382	1.49	cps
Barium	137-1	32363	32121	32196	32227	0.38	cps
Beryllium	9-1	1833	1511	1711	1685	9.65	cps
Bismuth	209-1	6712114	6769441	6799265	6760273	0.66	cps
Bismuth	209-2	4530353	4564220	4584300	4559624	0.60	cps
Boron	10-1	5693	5818	5843	5785	1.39	cps
Boron	11-1	25814	28319	26991	27041	4.63	cps
Bromine	81-1	6101	5968	6143	6071	1.51	cps
Bromine	81-2	90	40	50	60	44.10	cps
Cadmium	111-1	2666	2874	2750	2763	3.80	cps
Cadmium	106-1	4126	3951	4101	4059	2.33	cps
Cadmium	108-1	163	142	113	139	18.08	cps
Calcium	43-1	10054	10929	10504	10496	4.17	cps
Calcium	44-1	169417	168532	170210	169386	0.50	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6542	6598	6625	6588	0.65	cps
Cobalt	59-2	4854	4814	4831	4833	0.42	cps
Copper	63-2	7038	7275	7072	7128	1.80	cps
Dysprosium	156-1	8	25	8	14	69.31	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	33	67	42	47	36.74	cps
Erbium	164-2	63	10	33	36	75.20	cps
Gadolinium	160-1	50	42	42	44	10.82	cps
Gadolinium	160-2	73	120	120	104	25.80	cps
Holmium	165-1	9891867	9644474	9797810	9778050	1.28	cps
Holmium	165-2	6024628	6090802	6045488	6053640	0.56	cps
Indium	115-1	6924307	6939988	6852833	6905709	0.67	cps
Indium	115-2	1969819	1962757	1958612	1963729	0.29	cps
Iron	56-2	141181	141624	139958	140921	0.61	cps
Iron	57-2	3862	3734	3784	3793	1.70	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 11:46:27	DataFile Name :	052LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	9062	8331	8401	8598	4.69	cps
Krypton	83-1	533	527	613	558	8.65	cps
Lead	206-1	8464	8314	8603	8460	1.71	cps
Lead	207-1	7119	7274	7158	7184	1.13	cps
Lead	208-1	33000	32877	33550	33143	1.08	cps
Lithium	6-1	2487950	2491011	2494763	2491241	0.14	cps
Magnesium	24-2	147155	143336	140947	143813	2.18	cps
Manganese	55-2	2007	2257	2254	2172	6.60	cps
Molybdenum	94-1	14908	14249	15167	14775	3.20	cps
Molybdenum	95-1	17252	17653	18104	17670	2.41	cps
Molybdenum	96-1	19622	20298	20040	19987	1.71	cps
Molybdenum	97-1	10938	11939	11997	11624	5.12	cps
Molybdenum	98-1	28913	29840	29039	29264	1.72	cps
Neodymium	150-1	0	20	7	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1380	1387	1417	1395	1.40	cps
Phosphorus	31-2	558	617	625	600	6.05	cps
Potassium	39-2	166161	164130	162463	164251	1.13	cps
Rhodium	103-1	6210823	6179882	6059939	6150215	1.30	cps
Rhodium	103-2	3602751	3625393	3590851	3606332	0.49	cps
Scandium	45-1	3697454	3692496	3731201	3707050	0.57	cps
Scandium	45-2	279580	283069	278336	280329	0.88	cps
Selenium	82-1	619	671	526	605	12.10	cps
Selenium	77-2	33	47	57	46	25.70	cps
Selenium	78-2	241	243	189	224	13.61	cps
Silicon	28-1	221391	220148	222049	221196	0.44	cps
Silver	107-1	9579	9754	9770	9701	1.10	cps
Silver	109-1	8928	8986	9387	9100	2.74	cps
Sodium	23-2	265664	264323	260100	263362	1.10	cps
Strontium	86-1	3400	3517	3159	3359	5.44	cps
Strontium	88-1	20974	21792	22084	21617	2.66	cps
Sulfur	34-1	325239	322307	327950	325165	0.87	cps
Terbium	159-1	9922916	9689533	9912781	9841743	1.34	cps
Terbium	159-2	5862188	5906983	5892249	5887140	0.39	cps
Thallium	203-1	9345	9370	9912	9543	3.36	cps
Thallium	205-1	22236	22327	22995	22519	1.84	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 11:46:27	DataFile Name :	052LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	250	211	178	213	16.97	cps
Tin	118-1	31945	33933	33448	33109	3.13	cps
Titanium	47-1	4526	4709	4759	4665	2.63	cps
Uranium	238-1	29041	29659	30110	29604	1.81	cps
Vanadium	51-2	12289	12405	11945	12213	1.96	cps
Yttrium	89-1	10687167	10658166	10737312	10694215	0.37	cps
Yttrium	89-2	2335814	2346151	2326207	2336057	0.43	cps
Zinc	66-2	1700	1820	1617	1712	5.97	cps
Zirconium	90-1	12623	12080	12631	12445	2.53	cps
Zirconium	91-1	2834	2675	2809	2773	3.07	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-01	Instrumnet Name :	P7
Client Sample ID :	SW-RR-02-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 11:52:37	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	22036	21175	21795	21668	2.05	cps
Antimony	121-1	1825	1667	1950	1814	7.83	cps
Arsenic	75-2	1400	1422	1398	1407	0.95	cps
Barium	135-1	131028	133821	136078	133642	1.89	cps
Barium	137-1	226544	233329	237744	232539	2.43	cps
Beryllium	9-1	44	94	100	80	38.42	cps
Bismuth	209-1	6600366	6606266	6537279	6581304	0.58	cps
Bismuth	209-2	4379218	4429066	4520120	4442801	1.61	cps
Boron	10-1	14616	14616	15642	14958	3.96	cps
Boron	11-1	69426	68547	70833	69602	1.66	cps
Bromine	81-1	13674	14282	14683	14213	3.58	cps
Bromine	81-2	1592	1882	1872	1782	9.25	cps
Cadmium	111-1	885	854	861	866	1.90	cps
Cadmium	106-1	3459	3642	3492	3531	2.77	cps
Cadmium	108-1	33	29	54	39	34.44	cps
Calcium	43-1	513670	516321	534213	521401	2.14	cps
Calcium	44-1	7915909	8024784	8192446	8044379	1.73	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6428	6008	6125	6187	3.51	cps
Cobalt	59-2	8152	8099	8126	8126	0.33	cps
Copper	63-2	30893	30268	30381	30514	1.09	cps
Dysprosium	156-1	1142	1058	958	1053	8.72	cps
Dysprosium	156-2	800	633	647	693	13.36	cps
Erbium	164-1	1317	1208	1258	1261	4.30	cps
Erbium	164-2	620	733	707	687	8.63	cps
Gadolinium	160-1	1150	1025	1100	1092	5.76	cps
Gadolinium	160-2	737	787	790	771	3.87	cps
Holmium	165-1	9712751	9700390	9471322	9628154	1.41	cps
Holmium	165-2	5848621	5920855	6013994	5927823	1.40	cps
Indium	115-1	6620394	6709852	6659573	6663273	0.67	cps
Indium	115-2	1868134	1889541	1939728	1899134	1.94	cps
Iron	56-2	11349158	11261909	11098037	11236368	1.13	cps
Iron	57-2	285599	287086	283593	285426	0.61	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-01	Instrumnet Name :	P7
Client Sample ID :	SW-RR-02-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 11:52:37	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	624061	622326	620091	622159	0.32	cps
Krypton	83-1	497	580	540	539	7.73	cps
Lead	206-1	14914	14263	14503	14560	2.26	cps
Lead	207-1	11772	12195	12028	11998	1.77	cps
Lead	208-1	56186	56358	55440	55995	0.87	cps
Lithium	6-1	2419425	2409415	2309462	2379434	2.56	cps
Magnesium	24-2	1343752	1358103	1350320	1350725	0.53	cps
Manganese	55-2	1903466	1898934	1877543	1893314	0.73	cps
Molybdenum	94-1	4201	4151	3834	4062	4.90	cps
Molybdenum	95-1	4909	5660	5134	5234	7.36	cps
Molybdenum	96-1	5535	6152	6035	5907	5.55	cps
Molybdenum	97-1	3100	3000	3567	3223	9.39	cps
Molybdenum	98-1	8536	8494	8686	8572	1.18	cps
Neodymium	150-1	1260	1200	1220	1227	2.49	cps
Neodymium	150-2	653	673	630	652	3.33	cps
Nickel	60-2	3687	3467	3630	3595	3.18	cps
Phosphorus	31-2	2675	2609	2809	2698	3.78	cps
Potassium	39-2	1883050	1882090	1871997	1879046	0.33	cps
Rhodium	103-1	5753132	5841420	5876330	5823627	1.09	cps
Rhodium	103-2	3402523	3449998	3537957	3463493	1.98	cps
Scandium	45-1	3555797	3626428	3670481	3617568	1.60	cps
Scandium	45-2	267349	267206	277430	270662	2.17	cps
Selenium	82-1	45	-2	35	26	95.93	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	91	87	69	82	14.50	cps
Silicon	28-1	17993274	18217166	18684135	18298192	1.93	cps
Silver	107-1	400	333	483	406	18.53	cps
Silver	109-1	350	258	417	342	23.27	cps
Sodium	23-2	8068679	8117573	8000173	8062141	0.73	cps
Strontium	86-1	347082	344761	353584	348476	1.31	cps
Strontium	88-1	3010886	3032575	3068413	3037291	0.96	cps
Sulfur	34-1	521216	536083	556471	537923	3.29	cps
Terbium	159-1	9574583	9653838	9563595	9597339	0.51	cps
Terbium	159-2	5716890	5749708	5870940	5779179	1.40	cps
Thallium	203-1	183	175	158	172	7.39	cps
Thallium	205-1	533	483	525	514	5.21	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-01	Instrumnet Name :	P7
Client Sample ID :	SW-RR-02-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 11:52:37	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	2028	2089	1850	1989	6.24	cps
Tin	118-1	1467	1508	1500	1492	1.48	cps
Titanium	47-1	6027	7814	7552	7131	13.54	cps
Uranium	238-1	5210	4876	4893	4993	3.76	cps
Vanadium	51-2	4657	4814	4704	4725	1.70	cps
Yttrium	89-1	10478665	10468459	10512051	10486392	0.22	cps
Yttrium	89-2	2225227	2248396	2319985	2264536	2.18	cps
Zinc	66-2	34223	34013	33592	33943	0.95	cps
Zirconium	90-1	2792	2759	2950	2834	3.62	cps
Zirconium	91-1	542	625	800	656	20.12	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-03	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(1.5)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 11:55:44	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	22085	21225	21644	21651	1.99	cps
Antimony	121-1	1934	1725	2092	1917	9.60	cps
Arsenic	75-2	1698	1535	1663	1632	5.25	cps
Barium	135-1	134839	136866	137145	136283	0.92	cps
Barium	137-1	236388	246408	240440	241079	2.09	cps
Beryllium	9-1	122	106	106	111	8.66	cps
Bismuth	209-1	6735908	6534016	6670081	6646668	1.55	cps
Bismuth	209-2	4363187	4405253	4404826	4391088	0.55	cps
Boron	10-1	15083	16001	15617	15567	2.96	cps
Boron	11-1	72490	74960	74625	74025	1.81	cps
Bromine	81-1	14308	14891	15417	14872	3.73	cps
Bromine	81-2	1672	1682	1792	1715	3.89	cps
Cadmium	111-1	903	875	828	869	4.32	cps
Cadmium	106-1	3834	3626	3592	3684	3.56	cps
Cadmium	108-1	50	42	33	42	20.00	cps
Calcium	43-1	531548	541152	536588	536429	0.90	cps
Calcium	44-1	8201279	8294442	8231238	8242320	0.58	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6125	6031	6251	6136	1.80	cps
Cobalt	59-2	8069	7876	8386	8110	3.18	cps
Copper	63-2	31213	30592	30883	30896	1.01	cps
Dysprosium	156-1	1225	1008	1117	1117	9.70	cps
Dysprosium	156-2	673	590	607	623	7.07	cps
Erbium	164-1	1208	1017	1133	1120	8.63	cps
Erbium	164-2	690	837	690	739	11.46	cps
Gadolinium	160-1	1125	1033	1192	1117	7.12	cps
Gadolinium	160-2	830	823	893	849	4.55	cps
Holmium	165-1	9842907	9652334	9745501	9746914	0.98	cps
Holmium	165-2	5873394	5943804	5838838	5885345	0.91	cps
Indium	115-1	6804554	6594077	6721248	6706626	1.58	cps
Indium	115-2	1886442	1892048	1898378	1892289	0.32	cps
Iron	56-2	11943343	11848706	11888900	11893650	0.40	cps
Iron	57-2	303961	304280	303483	303908	0.13	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-03	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(1.5)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 11:55:44	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	659280	662148	663209	661545	0.31	cps
Krypton	83-1	450	527	520	499	8.51	cps
Lead	206-1	14653	15148	15220	15007	2.06	cps
Lead	207-1	12384	12128	13040	12517	3.76	cps
Lead	208-1	57672	56825	59385	57961	2.25	cps
Lithium	6-1	2429410	2376624	2425109	2410381	1.22	cps
Magnesium	24-2	1395329	1397620	1403700	1398883	0.31	cps
Manganese	55-2	1882916	1886079	1874367	1881121	0.32	cps
Molybdenum	94-1	3867	4117	5530	4505	19.91	cps
Molybdenum	95-1	5268	5410	5435	5371	1.67	cps
Molybdenum	96-1	5201	5968	5710	5626	6.94	cps
Molybdenum	97-1	3325	3125	3209	3220	3.12	cps
Molybdenum	98-1	8169	8344	8319	8278	1.14	cps
Neodymium	150-1	1393	1380	1240	1338	6.35	cps
Neodymium	150-2	590	617	677	628	7.07	cps
Nickel	60-2	3414	3490	3297	3400	2.86	cps
Phosphorus	31-2	2675	2775	2800	2750	2.41	cps
Potassium	39-2	1921414	1924218	1913793	1919808	0.28	cps
Rhodium	103-1	5913130	5727418	5852709	5831086	1.62	cps
Rhodium	103-2	3427563	3436870	3447771	3437401	0.29	cps
Scandium	45-1	3644693	3554988	3615441	3605041	1.27	cps
Scandium	45-2	269560	266913	268722	268398	0.50	cps
Selenium	82-1	86	18	65	56	62.00	cps
Selenium	77-2	3	10	10	8	49.52	cps
Selenium	78-2	94	81	74	83	12.38	cps
Silicon	28-1	18648868	18942074	18569011	18719984	1.05	cps
Silver	107-1	383	350	367	367	4.55	cps
Silver	109-1	292	250	350	297	16.90	cps
Sodium	23-2	8342885	8385273	8332544	8353567	0.33	cps
Strontium	86-1	354116	356176	358853	356381	0.67	cps
Strontium	88-1	3078054	3100862	3120738	3099884	0.69	cps
Sulfur	34-1	533264	537431	532475	534390	0.50	cps
Terbium	159-1	9743648	9608966	9628958	9660524	0.75	cps
Terbium	159-2	5741603	5779255	5772476	5764445	0.35	cps
Thallium	203-1	200	183	267	217	20.35	cps
Thallium	205-1	383	317	533	411	26.99	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-03	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(1.5)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 11:55:44	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	2084	2128	2089	2100	1.15	cps
Tin	118-1	1533	1333	1525	1464	7.73	cps
Titanium	47-1	6660	6469	8591	7240	16.22	cps
Uranium	238-1	4851	5326	5093	5090	4.67	cps
Vanadium	51-2	5108	4948	4808	4954	3.03	cps
Yttrium	89-1	10635718	10286448	10521360	10481175	1.70	cps
Yttrium	89-2	2235873	2246724	2250355	2244317	0.34	cps
Zinc	66-2	33485	33502	33639	33542	0.25	cps
Zirconium	90-1	2392	3109	2567	2689	13.90	cps
Zirconium	91-1	800	633	608	681	15.31	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-05	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 11:58:52	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10064	8553	9279	9299	8.13	cps
Antimony	121-1	1000	742	783	842	16.48	cps
Arsenic	75-2	187	187	185	186	0.57	cps
Barium	135-1	82394	80071	78881	80449	2.22	cps
Barium	137-1	140722	142447	142389	141853	0.69	cps
Beryllium	9-1	78	67	50	65	21.57	cps
Bismuth	209-1	6593168	6638841	6550565	6594191	0.67	cps
Bismuth	209-2	4459132	4457728	4448808	4455223	0.13	cps
Boron	10-1	9086	8686	9128	8967	2.72	cps
Boron	11-1	39519	40154	42059	40577	3.26	cps
Bromine	81-1	26233	29573	35762	30522	15.84	cps
Bromine	81-2	5156	5306	5797	5420	6.18	cps
Cadmium	111-1	810	780	801	797	1.94	cps
Cadmium	106-1	3884	3734	3926	3848	2.62	cps
Cadmium	108-1	13	13	25	17	43.30	cps
Calcium	43-1	505729	506220	512062	508004	0.69	cps
Calcium	44-1	7847397	7801727	7779071	7809398	0.45	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1627	1517	1967	1704	13.79	cps
Cobalt	59-2	670	697	613	660	6.45	cps
Copper	63-2	4644	4511	4567	4574	1.46	cps
Dysprosium	156-1	258	225	350	278	23.30	cps
Dysprosium	156-2	177	247	220	214	16.47	cps
Erbium	164-1	300	317	317	311	3.09	cps
Erbium	164-2	167	200	207	191	11.21	cps
Gadolinium	160-1	392	433	392	406	5.93	cps
Gadolinium	160-2	263	330	320	304	11.81	cps
Holmium	165-1	9765292	9752307	9712503	9743367	0.28	cps
Holmium	165-2	5988743	5991562	6007655	5995987	0.17	cps
Indium	115-1	6718796	6723992	6583355	6675381	1.19	cps
Indium	115-2	1942114	1938997	1915262	1932124	0.76	cps
Iron	56-2	438018	444215	436857	439696	0.90	cps
Iron	57-2	13840	14502	14759	14367	3.30	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-05	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 11:58:52	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	23844	25578	26102	25175	4.70	cps
Krypton	83-1	520	497	543	520	4.49	cps
Lead	206-1	2178	2406	2250	2278	5.11	cps
Lead	207-1	1861	1845	1900	1869	1.53	cps
Lead	208-1	8757	8862	9085	8901	1.88	cps
Lithium	6-1	2407882	2406632	2407131	2407215	0.03	cps
Magnesium	24-2	2730938	2732481	2698083	2720500	0.71	cps
Manganese	55-2	45416	46165	46149	45910	0.93	cps
Molybdenum	94-1	1742	1775	1959	1825	6.39	cps
Molybdenum	95-1	2325	2467	2567	2453	4.95	cps
Molybdenum	96-1	2775	2842	2867	2828	1.68	cps
Molybdenum	97-1	1642	1533	1583	1586	3.42	cps
Molybdenum	98-1	4076	3934	4184	4065	3.08	cps
Neodymium	150-1	367	427	313	369	15.37	cps
Neodymium	150-2	150	190	177	172	11.83	cps
Nickel	60-2	700	657	680	679	3.19	cps
Phosphorus	31-2	683	725	750	719	4.68	cps
Potassium	39-2	649564	652804	645058	649142	0.60	cps
Rhodium	103-1	5848311	5849845	5813230	5837129	0.35	cps
Rhodium	103-2	3536995	3518838	3489606	3515146	0.68	cps
Scandium	45-1	3636422	3675286	3631085	3647598	0.66	cps
Scandium	45-2	276475	275553	274465	275498	0.37	cps
Selenium	82-1	41	40	64	48	28.24	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	89	83	78	83	6.67	cps
Silicon	28-1	13977384	14100846	14107896	14062042	0.52	cps
Silver	107-1	142	108	175	142	23.53	cps
Silver	109-1	108	67	125	100	30.04	cps
Sodium	23-2	13448820	13569371	13362120	13460104	0.77	cps
Strontium	86-1	315601	315269	316530	315800	0.21	cps
Strontium	88-1	2751728	2735718	2767569	2751672	0.58	cps
Sulfur	34-1	478920	487031	482861	482937	0.84	cps
Terbium	159-1	9667751	9793110	9650269	9703710	0.80	cps
Terbium	159-2	5827287	5859544	5833452	5840094	0.29	cps
Thallium	203-1	150	108	108	122	19.68	cps
Thallium	205-1	358	358	300	339	9.94	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-05	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 11:58:52	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	633	589	517	580	10.16	cps
Tin	118-1	1025	833	1217	1025	18.70	cps
Titanium	47-1	1934	2392	2242	2189	10.68	cps
Uranium	238-1	8753	8595	8203	8517	3.33	cps
Vanadium	51-2	2197	2220	2190	2202	0.72	cps
Yttrium	89-1	10475730	10418673	10506688	10467030	0.43	cps
Yttrium	89-2	2319794	2292211	2283463	2298489	0.82	cps
Zinc	66-2	9823	10090	10020	9978	1.39	cps
Zirconium	90-1	875	1058	1042	992	10.22	cps
Zirconium	91-1	258	150	208	206	26.38	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-07	Instrumnet Name :	P7
Client Sample ID :	SW-CB-03-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 12:01:59	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8961	7461	7111	7844	12.53	cps
Antimony	121-1	1533	1483	1475	1497	2.11	cps
Arsenic	75-2	354	311	339	335	6.46	cps
Barium	135-1	126806	130136	127731	128225	1.34	cps
Barium	137-1	224841	228223	227221	226762	0.77	cps
Beryllium	9-1	67	44	39	50	29.40	cps
Bismuth	209-1	6622403	6668312	6655833	6648849	0.36	cps
Bismuth	209-2	4414724	4411939	4445305	4423989	0.42	cps
Boron	10-1	28661	30114	30765	29847	3.61	cps
Boron	11-1	138555	143414	144946	142305	2.34	cps
Bromine	81-1	48825	57967	63833	56875	13.30	cps
Bromine	81-2	10034	10565	10935	10511	4.31	cps
Cadmium	111-1	738	834	808	794	6.24	cps
Cadmium	106-1	3517	3926	3951	3798	6.41	cps
Cadmium	108-1	33	25	46	35	30.20	cps
Calcium	43-1	841475	843529	856197	847067	0.94	cps
Calcium	44-1	12817828	13085505	13135459	13012931	1.31	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1660	1803	1743	1736	4.15	cps
Cobalt	59-2	1373	1290	1597	1420	11.17	cps
Copper	63-2	5411	5358	5291	5353	1.12	cps
Dysprosium	156-1	258	225	200	228	12.85	cps
Dysprosium	156-2	110	107	93	103	8.54	cps
Erbium	164-1	325	300	342	322	6.51	cps
Erbium	164-2	177	127	117	140	22.96	cps
Gadolinium	160-1	217	225	217	219	2.19	cps
Gadolinium	160-2	187	257	267	237	18.42	cps
Holmium	165-1	9816035	9874800	9802855	9831230	0.39	cps
Holmium	165-2	6001017	6003929	6038121	6014356	0.34	cps
Indium	115-1	6760412	6768501	6767496	6765469	0.07	cps
Indium	115-2	1936004	1923781	1935807	1931864	0.36	cps
Iron	56-2	1872118	1881287	1868737	1874048	0.35	cps
Iron	57-2	51919	51663	51334	51639	0.57	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-07	Instrumnet Name :	P7
Client Sample ID :	SW-CB-03-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 12:01:59	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	100895	104342	105384	103541	2.27	cps
Krypton	83-1	507	587	513	536	8.29	cps
Lead	206-1	3328	3328	3178	3278	2.64	cps
Lead	207-1	2761	2645	2756	2721	2.42	cps
Lead	208-1	12364	11919	12041	12108	1.90	cps
Lithium	6-1	2437001	2434012	2450445	2440486	0.36	cps
Magnesium	24-2	4431685	4373211	4417752	4407549	0.69	cps
Manganese	55-2	933035	938838	933521	935131	0.34	cps
Molybdenum	94-1	2167	2434	2209	2270	6.32	cps
Molybdenum	95-1	3417	3184	3167	3256	4.29	cps
Molybdenum	96-1	3742	3517	3634	3631	3.10	cps
Molybdenum	97-1	2175	2200	2059	2145	3.53	cps
Molybdenum	98-1	5501	5301	5293	5365	2.20	cps
Neodymium	150-1	167	153	120	147	16.39	cps
Neodymium	150-2	90	67	80	79	14.84	cps
Nickel	60-2	1257	1287	1290	1278	1.44	cps
Phosphorus	31-2	1458	1200	1625	1428	15.00	cps
Potassium	39-2	860210	857689	850147	856015	0.61	cps
Rhodium	103-1	5818680	5880211	5849647	5849512	0.53	cps
Rhodium	103-2	3481938	3506220	3491555	3493238	0.35	cps
Scandium	45-1	3644080	3680560	3723169	3682603	1.07	cps
Scandium	45-2	276731	277611	276892	277078	0.17	cps
Selenium	82-1	80	-27	26	26	204.73	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	87	94	80	87	8.51	cps
Silicon	28-1	22582800	22901163	23273004	22918989	1.51	cps
Silver	107-1	158	150	142	150	5.56	cps
Silver	109-1	58	42	42	47	20.38	cps
Sodium	23-2	25556997	25360786	25302621	25406801	0.52	cps
Strontium	86-1	440926	446634	452498	446686	1.30	cps
Strontium	88-1	3856514	3900912	3893260	3883562	0.61	cps
Sulfur	34-1	972789	970771	983796	975785	0.72	cps
Terbium	159-1	9789391	9843923	9816897	9816737	0.28	cps
Terbium	159-2	5859651	5859523	5848021	5855732	0.11	cps
Thallium	203-1	100	83	92	92	9.09	cps
Thallium	205-1	467	383	425	425	9.80	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-07	Instrumnet Name :	P7
Client Sample ID :	SW-CB-03-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 12:01:59	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	450	483	556	496	10.87	cps
Tin	118-1	858	1025	933	939	8.89	cps
Titanium	47-1	1825	1900	1683	1803	6.10	cps
Uranium	238-1	6410	6418	6027	6285	3.56	cps
Vanadium	51-2	2804	2740	2930	2825	3.43	cps
Yttrium	89-1	10551665	10567005	10647537	10588736	0.49	cps
Yttrium	89-2	2294837	2301560	2292401	2296266	0.21	cps
Zinc	66-2	14667	14227	14294	14396	1.65	cps
Zirconium	90-1	1217	1350	1275	1281	5.22	cps
Zirconium	91-1	275	292	392	319	19.75	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-09	Instrumnet Name :	P7
Client Sample ID :	SW-CB-02-(0.3)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 12:05:05	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5476	6394	5226	5699	10.79	cps
Antimony	121-1	1500	1567	1283	1450	10.22	cps
Arsenic	75-2	300	269	317	295	8.29	cps
Barium	135-1	119274	118963	117752	118663	0.68	cps
Barium	137-1	206674	211714	211520	209970	1.36	cps
Beryllium	9-1	56	72	50	59	19.51	cps
Bismuth	209-1	6667246	6583902	6814056	6688401	1.74	cps
Bismuth	209-2	4387899	4452517	4455823	4432080	0.86	cps
Boron	10-1	27317	25998	28744	27353	5.02	cps
Boron	11-1	125441	127198	139507	130715	5.86	cps
Bromine	81-1	45623	52262	60779	52888	14.36	cps
Bromine	81-2	8581	9172	9182	8979	3.83	cps
Cadmium	111-1	849	855	800	835	3.63	cps
Cadmium	106-1	4167	4017	3842	4009	4.06	cps
Cadmium	108-1	25	4	21	17	66.13	cps
Calcium	43-1	812016	819811	811350	814392	0.58	cps
Calcium	44-1	12499214	12510947	12480642	12496934	0.12	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1313	1290	1587	1397	11.81	cps
Cobalt	59-2	687	720	657	688	4.61	cps
Copper	63-2	5248	5144	5284	5225	1.39	cps
Dysprosium	156-1	158	150	225	178	23.12	cps
Dysprosium	156-2	113	110	100	108	6.44	cps
Erbium	164-1	300	275	192	256	22.20	cps
Erbium	164-2	120	97	143	120	19.45	cps
Gadolinium	160-1	258	242	242	247	3.89	cps
Gadolinium	160-2	233	227	220	227	2.94	cps
Holmium	165-1	9854027	9679391	10112103	9881840	2.20	cps
Holmium	165-2	5959071	6046532	6033384	6012996	0.78	cps
Indium	115-1	6768804	6734704	6970874	6824794	1.87	cps
Indium	115-2	1915417	1926722	1938960	1927033	0.61	cps
Iron	56-2	449442	449877	453165	450828	0.45	cps
Iron	57-2	15853	15447	15659	15653	1.30	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-09	Instrumnet Name :	P7
Client Sample ID :	SW-CB-02-(0.3)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 12:05:05	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	24896	24938	27512	25782	5.81	cps
Krypton	83-1	560	553	473	529	9.12	cps
Lead	206-1	2211	2189	2267	2222	1.80	cps
Lead	207-1	1833	1950	1884	1889	3.10	cps
Lead	208-1	8657	8629	8974	8753	2.19	cps
Lithium	6-1	2437881	2426179	2505472	2456510	1.74	cps
Magnesium	24-2	3262458	3285500	3280933	3276297	0.37	cps
Manganese	55-2	243932	246643	245818	245465	0.57	cps
Molybdenum	94-1	1892	1875	2059	1942	5.22	cps
Molybdenum	95-1	2417	2642	2759	2606	6.67	cps
Molybdenum	96-1	2959	2892	2917	2923	1.15	cps
Molybdenum	97-1	1867	1750	1675	1764	5.48	cps
Molybdenum	98-1	4367	4159	4634	4387	5.43	cps
Neodymium	150-1	107	127	147	127	15.79	cps
Neodymium	150-2	67	67	63	66	2.94	cps
Nickel	60-2	1070	963	943	992	6.86	cps
Phosphorus	31-2	1517	1558	1633	1570	3.77	cps
Potassium	39-2	799030	803474	799089	800531	0.32	cps
Rhodium	103-1	5925749	5957043	5990315	5957702	0.54	cps
Rhodium	103-2	3476528	3518350	3476140	3490339	0.70	cps
Scandium	45-1	3745760	3768512	3753967	3756080	0.31	cps
Scandium	45-2	275147	279389	279275	277937	0.87	cps
Selenium	82-1	70	12	64	48	65.27	cps
Selenium	77-2	0	0	13	4	173.21	cps
Selenium	78-2	69	91	93	84	15.96	cps
Silicon	28-1	22148643	22146845	22048159	22114549	0.26	cps
Silver	107-1	92	108	92	97	9.90	cps
Silver	109-1	67	92	83	81	15.80	cps
Sodium	23-2	24320755	24328223	24198750	24282576	0.30	cps
Strontium	86-1	423509	427095	428512	426372	0.60	cps
Strontium	88-1	3689608	3710153	3699599	3699787	0.28	cps
Sulfur	34-1	823799	823412	822722	823311	0.07	cps
Terbium	159-1	9837450	9696976	9981327	9838585	1.45	cps
Terbium	159-2	5807118	5878676	5876613	5854136	0.70	cps
Thallium	203-1	117	158	150	142	15.56	cps
Thallium	205-1	400	325	342	356	11.08	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-09	Instrumnet Name :	P7
Client Sample ID :	SW-CB-02-(0.3)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 12:05:05	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	422	244	294	320	28.62	cps
Tin	118-1	933	750	967	883	13.21	cps
Titanium	47-1	1458	3432	1784	2225	47.56	cps
Uranium	238-1	4443	4526	4618	4529	1.93	cps
Vanadium	51-2	3674	3524	3514	3570	2.51	cps
Yttrium	89-1	10747859	10829777	10749099	10775578	0.44	cps
Yttrium	89-2	2271274	2302558	2306260	2293364	0.84	cps
Zinc	66-2	13319	13716	13606	13547	1.51	cps
Zirconium	90-1	1042	1200	1175	1139	7.48	cps
Zirconium	91-1	225	167	392	261	44.73	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-05DUP	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 12:08:11	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10332	9631	9387	9783	5.01	cps
Antimony	121-1	842	742	767	783	6.64	cps
Arsenic	75-2	202	228	181	204	11.39	cps
Barium	135-1	80860	81211	83131	81734	1.50	cps
Barium	137-1	144241	144704	145757	144901	0.54	cps
Beryllium	9-1	50	72	72	65	19.79	cps
Bismuth	209-1	6716376	6749743	6735413	6733844	0.25	cps
Bismuth	209-2	4470665	4341663	4470385	4427571	1.68	cps
Boron	10-1	9261	9745	9745	9584	2.91	cps
Boron	11-1	44215	46338	43964	44839	2.91	cps
Bromine	81-1	36229	39429	42664	39441	8.16	cps
Bromine	81-2	5927	5977	6238	6048	2.76	cps
Cadmium	111-1	790	767	810	789	2.75	cps
Cadmium	106-1	3909	3651	3884	3815	3.74	cps
Cadmium	108-1	42	25	42	36	26.65	cps
Calcium	43-1	520584	526912	519878	522458	0.74	cps
Calcium	44-1	7919727	7922720	7919275	7920574	0.02	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1533	1493	1537	1521	1.59	cps
Cobalt	59-2	723	627	637	662	8.03	cps
Copper	63-2	4961	4804	4744	4836	2.31	cps
Dysprosium	156-1	333	317	483	378	24.30	cps
Dysprosium	156-2	240	253	190	228	14.66	cps
Erbium	164-1	283	392	300	325	17.95	cps
Erbium	164-2	223	207	200	210	5.72	cps
Gadolinium	160-1	400	375	383	386	3.30	cps
Gadolinium	160-2	427	327	323	359	16.36	cps
Holmium	165-1	9927303	9830579	9931384	9896422	0.58	cps
Holmium	165-2	6020154	5819631	6070679	5970155	2.22	cps
Indium	115-1	6861699	6889572	6921615	6890962	0.44	cps
Indium	115-2	1965354	1881743	1968176	1938424	2.53	cps
Iron	56-2	461651	451522	444245	452473	1.93	cps
Iron	57-2	14396	14040	14101	14179	1.34	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-05DUP	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 12:08:11	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	26092	26645	24826	25854	3.61	cps
Krypton	83-1	567	533	470	523	9.38	cps
Lead	206-1	2422	2200	2234	2285	5.24	cps
Lead	207-1	2122	1950	1961	2011	4.79	cps
Lead	208-1	8990	8646	8629	8755	2.33	cps
Lithium	6-1	2474648	2502776	2498263	2491896	0.61	cps
Magnesium	24-2	2794307	2769605	2754967	2772960	0.72	cps
Manganese	55-2	46005	47229	46380	46538	1.35	cps
Molybdenum	94-1	1708	1775	1834	1772	3.53	cps
Molybdenum	95-1	2309	2659	2592	2520	7.38	cps
Molybdenum	96-1	2625	2575	2750	2650	3.40	cps
Molybdenum	97-1	1492	1492	1750	1578	9.45	cps
Molybdenum	98-1	4034	4217	4101	4117	2.25	cps
Neodymium	150-1	413	393	367	391	5.99	cps
Neodymium	150-2	127	163	187	159	19.04	cps
Nickel	60-2	717	797	740	751	5.48	cps
Phosphorus	31-2	792	825	733	783	5.92	cps
Potassium	39-2	668293	655860	655875	660009	1.09	cps
Rhodium	103-1	5956876	5965805	5997802	5973494	0.36	cps
Rhodium	103-2	3549639	3429720	3581842	3520400	2.28	cps
Scandium	45-1	3730679	3741835	3734260	3735591	0.15	cps
Scandium	45-2	284469	271394	283616	279826	2.61	cps
Selenium	82-1	5	53	110	56	93.99	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	98	81	106	95	12.97	cps
Silicon	28-1	14208774	14274319	14305017	14262703	0.34	cps
Silver	107-1	142	167	150	153	8.33	cps
Silver	109-1	50	75	42	56	31.22	cps
Sodium	23-2	13928318	13866737	13715415	13836823	0.79	cps
Strontium	86-1	317584	321314	324010	320969	1.01	cps
Strontium	88-1	2787114	2794959	2810274	2797449	0.42	cps
Sulfur	34-1	485131	479910	484180	483073	0.58	cps
Terbium	159-1	9986097	9866619	10030304	9961007	0.85	cps
Terbium	159-2	5896639	5694232	5944389	5845086	2.27	cps
Thallium	203-1	217	150	183	183	18.18	cps
Thallium	205-1	433	317	392	381	15.54	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-05DUP	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 12:08:11	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	467	550	689	569	19.75	cps
Tin	118-1	1033	1000	1067	1033	3.23	cps
Titanium	47-1	2150	2100	2225	2159	2.92	cps
Uranium	238-1	8720	8528	8353	8534	2.15	cps
Vanadium	51-2	2244	2360	2330	2311	2.62	cps
Yttrium	89-1	10727107	10695318	10748397	10723608	0.25	cps
Yttrium	89-2	2330495	2249407	2338070	2305990	2.13	cps
Zinc	66-2	9973	10124	9937	10011	0.99	cps
Zirconium	90-1	1259	767	883	970	26.51	cps
Zirconium	91-1	192	225	192	203	9.49	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-05LX5	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-21 12:11:17	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1784	2343	2050	2059	13.58	cps
Antimony	121-1	242	208	367	272	30.67	cps
Arsenic	75-2	46	37	37	40	13.32	cps
Barium	135-1	15951	16794	16218	16321	2.64	cps
Barium	137-1	28304	27937	28254	28165	0.71	cps
Beryllium	9-1	78	50	61	63	22.21	cps
Bismuth	209-1	6600461	6578930	6670127	6616506	0.72	cps
Bismuth	209-2	4374508	4448540	4448964	4424004	0.97	cps
Boron	10-1	2409	2750	2759	2639	7.57	cps
Boron	11-1	12297	12706	12405	12469	1.70	cps
Bromine	81-1	16710	17186	16985	16960	1.41	cps
Bromine	81-2	1672	1452	1412	1512	9.27	cps
Cadmium	111-1	728	794	748	757	4.47	cps
Cadmium	106-1	3767	3992	3767	3842	3.38	cps
Cadmium	108-1	42	42	38	40	5.98	cps
Calcium	43-1	101135	101202	101311	101216	0.09	cps
Calcium	44-1	1648991	1641944	1642091	1644342	0.24	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1047	1010	937	998	5.61	cps
Cobalt	59-2	107	140	170	139	22.81	cps
Copper	63-2	1520	1563	1447	1510	3.91	cps
Dysprosium	156-1	25	75	58	53	48.24	cps
Dysprosium	156-2	50	73	37	53	34.79	cps
Erbium	164-1	108	117	125	117	7.14	cps
Erbium	164-2	80	60	60	67	17.32	cps
Gadolinium	160-1	125	83	92	100	22.05	cps
Gadolinium	160-2	187	160	143	163	13.38	cps
Holmium	165-1	9683964	9484662	9723477	9630701	1.33	cps
Holmium	165-2	5818613	5906350	5923051	5882671	0.95	cps
Indium	115-1	6779188	6733651	6908139	6806993	1.33	cps
Indium	115-2	1888806	1938278	1957433	1928172	1.84	cps
Iron	56-2	88850	87995	89348	88731	0.77	cps
Iron	57-2	2845	2823	3084	2917	4.96	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-05LX5	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-21 12:11:17	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	5256	5627	5407	5430	3.43	cps
Krypton	83-1	473	497	597	522	12.55	cps
Lead	206-1	900	978	789	889	10.68	cps
Lead	207-1	728	722	733	728	0.76	cps
Lead	208-1	3539	3661	3245	3482	6.15	cps
Lithium	6-1	2438535	2425273	2443963	2435924	0.39	cps
Magnesium	24-2	530898	542683	541736	538439	1.22	cps
Manganese	55-2	8799	9100	9073	8991	1.85	cps
Molybdenum	94-1	442	558	575	525	13.84	cps
Molybdenum	95-1	550	600	417	522	18.15	cps
Molybdenum	96-1	550	408	517	492	15.06	cps
Molybdenum	97-1	358	308	342	336	7.57	cps
Molybdenum	98-1	750	958	750	819	14.68	cps
Neodymium	150-1	20	53	67	47	51.51	cps
Neodymium	150-2	23	27	30	27	12.51	cps
Nickel	60-2	287	323	293	301	6.49	cps
Phosphorus	31-2	642	667	858	722	16.41	cps
Potassium	39-2	151743	153048	154142	152978	0.79	cps
Rhodium	103-1	5954016	5881745	5962705	5932822	0.75	cps
Rhodium	103-2	3469848	3549094	3580339	3533094	1.61	cps
Scandium	45-1	3713337	3628783	3687714	3676611	1.18	cps
Scandium	45-2	269811	276592	278559	274987	1.67	cps
Selenium	82-1	104	63	17	61	71.40	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	102	81	50	78	33.59	cps
Silicon	28-1	2984087	2959357	2944939	2962794	0.67	cps
Silver	107-1	133	150	83	122	28.38	cps
Silver	109-1	75	8	92	58	75.60	cps
Sodium	23-2	2617713	2663076	2652463	2644418	0.90	cps
Strontium	86-1	64520	63834	63658	64004	0.71	cps
Strontium	88-1	547469	543519	544425	545138	0.38	cps
Sulfur	34-1	361368	359381	356226	358991	0.72	cps
Terbium	159-1	9706883	9500488	9814682	9674017	1.65	cps
Terbium	159-2	5671552	5791590	5816768	5759970	1.35	cps
Thallium	203-1	125	192	125	147	26.15	cps
Thallium	205-1	208	342	333	294	25.37	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-05LX5	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-21 12:11:17	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	233	194	222	217	9.25	cps
Tin	118-1	642	625	742	669	9.43	cps
Titanium	47-1	500	400	350	417	18.33	cps
Uranium	238-1	1767	1483	1608	1620	8.77	cps
Vanadium	51-2	520	440	397	452	13.84	cps
Yttrium	89-1	10636973	10363181	10621014	10540389	1.46	cps
Yttrium	89-2	2262944	2287084	2338393	2296140	1.68	cps
Zinc	66-2	2314	2310	2334	2319	0.54	cps
Zirconium	90-1	675	592	592	619	7.77	cps
Zirconium	91-1	133	125	133	131	3.69	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-05MSRE	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)MSRE	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 12:14:25	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1308240	1305763	1312171	1308725	0.25	cps
Antimony	121-1	3523009	3577201	3610103	3570104	1.23	cps
Arsenic	75-2	148987	149742	149015	149248	0.29	cps
Barium	135-1	4511161	4541015	4587867	4546681	0.85	cps
Barium	137-1	7905147	8004882	8088733	7999588	1.15	cps
Beryllium	9-1	735544	735674	746794	739337	0.87	cps
Bismuth	209-1	6335453	6278043	6275506	6296334	0.54	cps
Bismuth	209-2	4197682	4188729	4184237	4190216	0.16	cps
Boron	10-1	101210	104500	106899	104203	2.74	cps
Boron	11-1	472368	491654	491955	485326	2.31	cps
Bromine	81-1	26968	30575	33256	30266	10.43	cps
Bromine	81-2	4836	5216	5487	5180	6.31	cps
Cadmium	111-1	876342	877235	885004	879527	0.54	cps
Cadmium	106-1	105817	104551	106288	105552	0.85	cps
Cadmium	108-1	71885	74096	73162	73047	1.52	cps
Calcium	43-1	1444136	1426043	1466298	1445492	1.39	cps
Calcium	44-1	21934762	21784528	22220439	21979910	1.01	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1319268	1328757	1323763	1323929	0.36	cps
Cobalt	59-2	2102268	2114140	2102984	2106464	0.32	cps
Copper	63-2	16392847	16256993	16450382	16366741	0.61	cps
Dysprosium	156-1	483	483	325	431	21.23	cps
Dysprosium	156-2	323	370	347	347	6.73	cps
Erbium	164-1	358	317	367	347	7.71	cps
Erbium	164-2	180	210	277	222	22.27	cps
Gadolinium	160-1	608	425	492	508	18.25	cps
Gadolinium	160-2	470	370	373	404	14.04	cps
Holmium	165-1	9514801	9412136	9483762	9470233	0.56	cps
Holmium	165-2	5821909	5722004	5738752	5760888	0.93	cps
Indium	115-1	6415397	6272044	6390335	6359259	1.20	cps
Indium	115-2	1780588	1786707	1774607	1780634	0.34	cps
Iron	56-2	62712839	62558926	62064025	62445263	0.54	cps
Iron	57-2	1582002	1578080	1575707	1578597	0.20	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-05MSRE	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)MSRE	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 12:14:25	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	3514536	3507187	3502059	3507927	0.18	cps
Krypton	83-1	447	547	543	512	11.09	cps
Lead	206-1	18419541	18548841	18706395	18558259	0.77	cps
Lead	207-1	16546388	16499430	16610773	16552197	0.34	cps
Lead	208-1	74518091	75035536	75085120	74879582	0.42	cps
Lithium	6-1	2347319	2328497	2297678	2324498	1.08	cps
Magnesium	24-2	16206096	15862529	16099327	16055984	1.10	cps
Manganese	55-2	10498173	10383689	10485528	10455797	0.60	cps
Molybdenum	94-1	10826510	10661386	10985315	10824404	1.50	cps
Molybdenum	95-1	15438891	15370095	15694510	15501165	1.10	cps
Molybdenum	96-1	16537822	16709024	17055566	16767471	1.57	cps
Molybdenum	97-1	9546573	9656396	9754621	9652530	1.08	cps
Molybdenum	98-1	24811638	24679309	25075664	24855537	0.81	cps
Neodymium	150-1	513	693	540	582	16.69	cps
Neodymium	150-2	190	177	157	174	9.62	cps
Nickel	60-2	535835	532932	533628	534132	0.28	cps
Phosphorus	31-2	850	733	617	733	15.91	cps
Potassium	39-2	6709549	6657505	6674420	6680491	0.40	cps
Rhodium	103-1	5569425	5479511	5564232	5537723	0.91	cps
Rhodium	103-2	3248240	3261323	3224239	3244601	0.58	cps
Scandium	45-1	3541729	3477879	3530435	3516681	0.97	cps
Scandium	45-2	260627	260885	261753	261088	0.23	cps
Selenium	82-1	55055	56118	55973	55715	1.03	cps
Selenium	77-2	4181	4321	4294	4265	1.74	cps
Selenium	78-2	14023	14659	14077	14253	2.47	cps
Silicon	28-1	15177230	15130225	15622114	15309856	1.77	cps
Silver	107-1	8394063	7862362	6321446	7525957	14.30	cps
Silver	109-1	6345849	5660200	8321514	6775854	20.39	cps
Sodium	23-2	35368099	35238842	35408744	35338562	0.25	cps
Strontium	86-1	10686518	10634097	10779381	10699999	0.69	cps
Strontium	88-1	91683342	92536631	93481402	92567125	0.97	cps
Sulfur	34-1	463363	459017	470210	464196	1.22	cps
Terbium	159-1	9511469	9306742	9304783	9374331	1.27	cps
Terbium	159-2	5594399	5596400	5594180	5594993	0.02	cps
Thallium	203-1	4285437	4348234	4313895	4315855	0.73	cps
Thallium	205-1	10419064	10453926	10499206	10457399	0.38	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-05MSRE	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)MSRE	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 12:14:25	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	767	622	822	737	14.01	cps
Tin	118-1	3043369	3099449	3090415	3077744	0.98	cps
Titanium	47-1	3934055	3936838	4009093	3959995	1.07	cps
Uranium	238-1	15351290	15584481	15599322	15511698	0.90	cps
Vanadium	51-2	1103641	1101833	1111073	1105515	0.44	cps
Yttrium	89-1	10216561	10098437	10099627	10138208	0.67	cps
Yttrium	89-2	2148578	2162823	2164832	2158744	0.41	cps
Zinc	66-2	2668472	2669466	2667250	2668396	0.04	cps
Zirconium	90-1	5612525	5602376	5644310	5619737	0.39	cps
Zirconium	91-1	1225808	1230525	1252960	1236431	1.17	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-05MSDRE	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)MSDRE	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 12:17:22	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1262440	1242744	1237729	1247638	1.05	cps
Antimony	121-1	3491699	3483450	3409717	3461622	1.30	cps
Arsenic	75-2	143308	147030	141468	143935	1.97	cps
Barium	135-1	4433162	4450452	4419972	4434529	0.34	cps
Barium	137-1	7841890	7816840	7863155	7840628	0.30	cps
Beryllium	9-1	714621	719294	720059	717991	0.41	cps
Bismuth	209-1	6321118	6294492	6440494	6352035	1.22	cps
Bismuth	209-2	4160970	4179015	4146453	4162146	0.39	cps
Boron	10-1	100154	106128	109150	105144	4.35	cps
Boron	11-1	463848	484353	507406	485202	4.49	cps
Bromine	81-1	28412	32153	36497	32354	12.51	cps
Bromine	81-2	5166	5146	5136	5150	0.30	cps
Cadmium	111-1	859511	862656	872031	864733	0.75	cps
Cadmium	106-1	101671	102410	102778	102286	0.55	cps
Cadmium	108-1	71554	69988	71750	71097	1.36	cps
Calcium	43-1	1391248	1403332	1377714	1390765	0.92	cps
Calcium	44-1	21051807	21268572	20868581	21062987	0.95	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1269541	1292477	1257915	1273311	1.38	cps
Cobalt	59-2	2026806	2042145	1992702	2020551	1.25	cps
Copper	63-2	15818884	16048410	15453938	15773744	1.90	cps
Dysprosium	156-1	508	375	475	453	15.32	cps
Dysprosium	156-2	330	280	383	331	15.61	cps
Erbium	164-1	342	417	375	378	9.95	cps
Erbium	164-2	217	180	190	196	9.69	cps
Gadolinium	160-1	642	392	500	511	24.53	cps
Gadolinium	160-2	447	377	457	427	10.22	cps
Holmium	165-1	9312527	9330347	9589529	9410801	1.65	cps
Holmium	165-2	5731836	5688083	5685375	5701765	0.46	cps
Indium	115-1	6236736	6234260	6330251	6267082	0.87	cps
Indium	115-2	1769718	1760052	1744280	1758017	0.73	cps
Iron	56-2	59910435	60505858	58915800	59777364	1.34	cps
Iron	57-2	1523728	1540889	1489553	1518057	1.72	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-05MSDRE	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)MSDRE	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 12:17:22	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	3356933	3407008	3339555	3367832	1.04	cps
Krypton	83-1	513	607	493	538	11.25	cps
Lead	206-1	18099496	18084726	18465560	18216594	1.18	cps
Lead	207-1	16171933	16183169	16188914	16181339	0.05	cps
Lead	208-1	73121172	73335072	74437492	73631245	0.96	cps
Lithium	6-1	2307902	2299779	2325304	2310995	0.56	cps
Magnesium	24-2	15678160	15089811	15195311	15321094	2.05	cps
Manganese	55-2	10116355	10178759	9963009	10086041	1.10	cps
Molybdenum	94-1	10299484	10465717	10371717	10378973	0.80	cps
Molybdenum	95-1	14991153	14987989	15000419	14993187	0.04	cps
Molybdenum	96-1	16113438	16282910	16269091	16221813	0.58	cps
Molybdenum	97-1	9405913	9285059	9325823	9338932	0.66	cps
Molybdenum	98-1	24233008	24205283	24104451	24180914	0.28	cps
Neodymium	150-1	627	507	500	544	13.09	cps
Neodymium	150-2	160	160	183	168	8.03	cps
Nickel	60-2	509979	517923	504379	510760	1.33	cps
Phosphorus	31-2	725	642	792	719	10.45	cps
Potassium	39-2	6547424	6533530	6315528	6465494	2.01	cps
Rhodium	103-1	5409100	5388181	5364369	5387217	0.42	cps
Rhodium	103-2	3199793	3195140	3148936	3181289	0.88	cps
Scandium	45-1	3423559	3403571	3368639	3398590	0.82	cps
Scandium	45-2	257442	257694	251688	255608	1.33	cps
Selenium	82-1	53754	53736	54978	54156	1.31	cps
Selenium	77-2	4197	4177	4044	4140	2.01	cps
Selenium	78-2	13951	13894	13462	13769	1.94	cps
Silicon	28-1	14593824	14723930	14733816	14683857	0.53	cps
Silver	107-1	7884020	6051599	6866857	6934159	13.24	cps
Silver	109-1	7458371	6162890	6180666	6600642	11.25	cps
Sodium	23-2	34046420	33448646	33580918	33691995	0.93	cps
Strontium	86-1	10270754	10172852	10197865	10213824	0.50	cps
Strontium	88-1	88683710	88498798	87281229	88154579	0.86	cps
Sulfur	34-1	435278	438503	419168	430983	2.40	cps
Terbium	159-1	9398497	9284907	9442017	9375140	0.87	cps
Terbium	159-2	5558025	5516891	5483979	5519632	0.67	cps
Thallium	203-1	4236019	4233684	4336025	4268576	1.37	cps
Thallium	205-1	10278372	10258425	10614892	10383897	1.93	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-05MSDRE	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)MSDRE	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 12:17:22	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	961	717	706	795	18.19	cps
Tin	118-1	2983378	2988103	3013002	2994827	0.53	cps
Titanium	47-1	3797864	3754218	3729774	3760619	0.92	cps
Uranium	238-1	15367225	15568870	15696024	15544040	1.07	cps
Vanadium	51-2	1072592	1072958	1048690	1064746	1.31	cps
Yttrium	89-1	9917436	9885712	9921218	9908122	0.20	cps
Yttrium	89-2	2142152	2149601	2102441	2131398	1.19	cps
Zinc	66-2	2568425	2592885	2535327	2565546	1.13	cps
Zirconium	90-1	5327650	5337374	5321517	5328847	0.15	cps
Zirconium	91-1	1194674	1201748	1179056	1191826	0.97	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	CCV07	Instrumnet Name :	P7
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 12:24:31	DataFile Name :	062CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6000941	6101539	6068083	6056854	0.85	cps
Antimony	121-1	3450134	3483068	3440482	3457895	0.65	cps
Arsenic	75-2	143620	144722	144067	144137	0.38	cps
Barium	135-1	4202047	4217349	4198190	4205862	0.24	cps
Barium	137-1	7384229	7310730	7455995	7383651	0.98	cps
Beryllium	9-1	719057	721399	708899	716451	0.93	cps
Bismuth	209-1	6087859	6172815	6117402	6126025	0.70	cps
Bismuth	209-2	3960080	3992959	3989678	3980906	0.45	cps
Boron	10-1	92338	95224	97136	94899	2.54	cps
Boron	11-1	429271	437032	442346	436216	1.51	cps
Bromine	81-1	6043	6010	5768	5940	2.53	cps
Bromine	81-2	190	120	190	167	24.25	cps
Cadmium	111-1	874577	879516	864206	872766	0.90	cps
Cadmium	106-1	171703	173456	169132	171430	1.27	cps
Cadmium	108-1	94834	95363	93656	94618	0.92	cps
Calcium	43-1	4555336	4591883	4539274	4562164	0.59	cps
Calcium	44-1	70393172	69867908	69423860	69894980	0.69	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1255708	1261258	1256211	1257726	0.24	cps
Cobalt	59-2	2009838	2017060	2013797	2013565	0.18	cps
Copper	63-2	14577476	14567788	14520900	14555388	0.21	cps
Dysprosium	156-1	725	975	883	861	14.69	cps
Dysprosium	156-2	527	490	483	500	4.67	cps
Erbium	164-1	242	200	225	222	9.44	cps
Erbium	164-2	140	97	143	127	20.55	cps
Gadolinium	160-1	817	858	800	825	3.64	cps
Gadolinium	160-2	647	573	667	629	7.81	cps
Holmium	165-1	9594216	9479255	9404712	9492727	1.01	cps
Holmium	165-2	5654621	5704709	5723941	5694424	0.63	cps
Indium	115-1	6138919	6158387	6105008	6134105	0.44	cps
Indium	115-2	1714676	1718760	1730907	1721448	0.49	cps
Iron	56-2	281255490	282482034	282426190	282054571	0.25	cps
Iron	57-2	7091289	7182357	7113407	7129018	0.67	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	CCV07	Instrumnet Name :	P7
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 12:24:31	DataFile Name :	062CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	15266542	15496899	15219745	15327729	0.97	cps
Krypton	83-1	437	543	513	498	11.05	cps
Lead	206-1	17546317	17739952	17969519	17751929	1.19	cps
Lead	207-1	15659889	15708437	15512931	15627086	0.65	cps
Lead	208-1	71065452	71736218	71367184	71389618	0.47	cps
Lithium	6-1	2293724	2300089	2277933	2290582	0.50	cps
Magnesium	24-2	66017920	65488641	65286964	65597842	0.58	cps
Manganese	55-2	9180523	9388487	9293505	9287505	1.12	cps
Molybdenum	94-1	13494368	13354758	13294905	13381344	0.76	cps
Molybdenum	95-1	8066837	8100599	8023393	8063609	0.48	cps
Molybdenum	96-1	9995551	9983251	9999850	9992884	0.09	cps
Molybdenum	97-1	5079597	5050622	4991437	5040552	0.89	cps
Molybdenum	98-1	12975742	12973233	12881447	12943474	0.42	cps
Neodymium	150-1	473	460	360	431	14.37	cps
Neodymium	150-2	100	93	107	100	6.67	cps
Nickel	60-2	545729	547325	547085	546713	0.16	cps
Phosphorus	31-2	56206	56448	55721	56125	0.66	cps
Potassium	39-2	30662475	30698418	30875927	30745607	0.37	cps
Rhodium	103-1	5245412	5225247	5190734	5220464	0.53	cps
Rhodium	103-2	3041603	3032577	3047195	3040458	0.24	cps
Scandium	45-1	3420587	3433148	3379746	3411161	0.82	cps
Scandium	45-2	255967	258261	257785	257338	0.47	cps
Selenium	82-1	55778	55481	55545	55601	0.28	cps
Selenium	77-2	4187	4414	4181	4261	3.12	cps
Selenium	78-2	14137	13727	13988	13951	1.49	cps
Silicon	28-1	2324458	2403265	2418716	2382147	2.12	cps
Silver	107-1	4334859	4374389	4314580	4341276	0.70	cps
Silver	109-1	4166510	4198661	4119837	4161669	0.95	cps
Sodium	23-2	110078123	109466623	110647957	110064234	0.54	cps
Strontium	86-1	10120911	10240472	10114616	10158666	0.70	cps
Strontium	88-1	89373462	88107737	88406023	88629074	0.75	cps
Sulfur	34-1	613740	610759	602428	608976	0.96	cps
Terbium	159-1	9400743	9435406	9379525	9405224	0.30	cps
Terbium	159-2	5471786	5465110	5478632	5471843	0.12	cps
Thallium	203-1	4211332	4257000	4222683	4230339	0.56	cps
Thallium	205-1	10300688	10341641	10282387	10308238	0.29	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	CCV07	Instrumnet Name :	P7
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 12:24:31	DataFile Name :	062CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	16123239	16189452	16200615	16171102	0.26	cps
Tin	118-1	2889584	2919429	2902239	2903751	0.52	cps
Titanium	47-1	2073122	2066608	2065558	2068429	0.20	cps
Uranium	238-1	15565124	15507803	15483141	15518690	0.27	cps
Vanadium	51-2	1048280	1055443	1051813	1051845	0.34	cps
Yttrium	89-1	9902356	9933884	9910132	9915458	0.17	cps
Yttrium	89-2	2105421	2114417	2118663	2112834	0.32	cps
Zinc	66-2	2376773	2381908	2370103	2376262	0.25	cps
Zirconium	90-1	23515249	23571848	23266869	23451322	0.69	cps
Zirconium	91-1	5319710	5276042	5241031	5278928	0.75	cps

LB Number : LB116409 Operator : JASWAL
 Lab Sample ID : CCB07 Instrumnet Name : P7
 Client Sample ID : CCB07 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-21 12:36:01 DataFile Name : 063CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	142	108	125	125	13.33	cps
Antimony	121-1	583	483	500	522	10.26	cps
Arsenic	75-2	7	6	11	8	35.21	cps
Barium	135-1	25	58	83	56	52.68	cps
Barium	137-1	83	75	100	86	14.78	cps
Beryllium	9-1	83	89	67	80	14.52	cps
Bismuth	209-1	6427024	6470531	6660423	6519326	1.90	cps
Bismuth	209-2	4374325	4394773	4393510	4387536	0.26	cps
Boron	10-1	1650	1458	1575	1561	6.19	cps
Boron	11-1	6968	7002	7877	7283	7.08	cps
Bromine	81-1	6293	5826	6618	6246	6.37	cps
Bromine	81-2	40	140	150	110	55.30	cps
Cadmium	111-1	637	708	712	686	6.17	cps
Cadmium	106-1	3092	3450	3634	3392	8.12	cps
Cadmium	108-1	33	17	63	38	61.86	cps
Calcium	43-1	292	100	133	175	58.52	cps
Calcium	44-1	5059	4718	4342	4706	7.62	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	803	853	813	823	3.21	cps
Cobalt	59-2	73	40	37	50	40.55	cps
Copper	63-2	960	903	1067	977	8.49	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	7	0	7	4	86.60	cps
Erbium	164-1	117	50	42	69	59.19	cps
Erbium	164-2	40	40	50	43	13.32	cps
Gadolinium	160-1	50	50	25	42	34.64	cps
Gadolinium	160-2	123	117	117	119	3.24	cps
Holmium	165-1	9365387	9446199	9616377	9475987	1.35	cps
Holmium	165-2	5824327	5839674	5817389	5827130	0.20	cps
Indium	115-1	6671653	6754859	6736586	6721033	0.65	cps
Indium	115-2	1911486	1906625	1929340	1915817	0.62	cps
Iron	56-2	6563	6463	6985	6670	4.16	cps
Iron	57-2	200	206	300	235	23.90	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	CCB07	Instrumnet Name :	P7
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 12:36:01	DataFile Name :	063CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	831	851	831	838	1.38	cps
Krypton	83-1	620	500	627	582	12.24	cps
Lead	206-1	1361	1217	1345	1308	6.04	cps
Lead	207-1	1150	1239	1028	1139	9.31	cps
Lead	208-1	5262	5006	5078	5115	2.58	cps
Lithium	6-1	2409303	2424051	2452884	2428746	0.91	cps
Magnesium	24-2	758	958	883	867	11.66	cps
Manganese	55-2	200	133	163	166	20.17	cps
Molybdenum	94-1	575	467	433	492	15.07	cps
Molybdenum	95-1	200	233	125	186	29.81	cps
Molybdenum	96-1	325	217	250	264	21.02	cps
Molybdenum	97-1	167	100	192	153	31.02	cps
Molybdenum	98-1	292	300	292	294	1.63	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	137	143	180	153	15.22	cps
Phosphorus	31-2	567	583	500	550	8.02	cps
Potassium	39-2	33547	31977	34190	33238	3.42	cps
Rhodium	103-1	5852790	5913890	5848211	5871630	0.62	cps
Rhodium	103-2	3505274	3499828	3571022	3525375	1.12	cps
Scandium	45-1	3641547	3684504	3608675	3644909	1.04	cps
Scandium	45-2	275616	274355	280158	276709	1.10	cps
Selenium	82-1	-57	61	-69	-22	-328.81	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	76	80	69	75	7.57	cps
Silicon	28-1	191133	190230	179007	186790	3.62	cps
Silver	107-1	1308	600	608	839	48.47	cps
Silver	109-1	1183	625	567	792	43.00	cps
Sodium	23-2	20673	20364	21533	20857	2.90	cps
Strontium	86-1	1075	800	917	931	14.83	cps
Strontium	88-1	975	800	892	889	9.85	cps
Sulfur	34-1	325464	328180	312479	322041	2.61	cps
Terbium	159-1	9434905	9612814	9576888	9541536	0.99	cps
Terbium	159-2	5666925	5702901	5701971	5690599	0.36	cps
Thallium	203-1	233	333	258	275	18.93	cps
Thallium	205-1	725	542	617	628	14.68	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	CCB07	Instrumnet Name :	P7
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 12:36:01	DataFile Name :	063CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	294	322	283	300	6.68	cps
Tin	118-1	883	650	675	736	17.41	cps
Titanium	47-1	42	92	50	61	43.83	cps
Uranium	238-1	192	108	125	142	31.13	cps
Vanadium	51-2	20	3	10	11	75.52	cps
Yttrium	89-1	10405550	10518458	10385157	10436388	0.69	cps
Yttrium	89-2	2284988	2269576	2299792	2284785	0.66	cps
Zinc	66-2	330	463	343	379	19.38	cps
Zirconium	90-1	1000	1133	1067	1067	6.25	cps
Zirconium	91-1	233	217	242	231	5.52	cps

LB Number : LB116409 Operator : JASWAL
 Lab Sample ID : PB139233BL Instrumnet Name : P7
 Client Sample ID : PB139233BL Dilution Factor : 1
 Date & Time Acquired :: 2021-09-21 12:39:25 DataFile Name : 064CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	133	125	217	158	32.01	cps
Antimony	121-1	217	167	267	217	23.08	cps
Arsenic	75-2	0	4	6	3	91.69	cps
Barium	135-1	75	50	50	58	24.74	cps
Barium	137-1	67	50	50	56	17.32	cps
Beryllium	9-1	106	111	39	85	47.18	cps
Bismuth	209-1	6699202	6761387	6671980	6710856	0.68	cps
Bismuth	209-2	4423326	4487783	4521172	4477427	1.11	cps
Boron	10-1	1383	1375	1367	1375	0.61	cps
Boron	11-1	5418	5951	6218	5862	6.95	cps
Bromine	81-1	5810	6085	5835	5910	2.57	cps
Bromine	81-2	80	40	80	67	34.64	cps
Cadmium	111-1	807	759	769	778	3.24	cps
Cadmium	106-1	3884	3617	3851	3784	3.84	cps
Cadmium	108-1	17	21	25	21	19.99	cps
Calcium	43-1	150	167	283	200	36.33	cps
Calcium	44-1	6118	5876	6135	6043	2.39	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	863	857	807	842	3.68	cps
Cobalt	59-2	27	53	50	43	33.52	cps
Copper	63-2	1060	907	1000	989	7.81	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	58	17	92	56	67.64	cps
Erbium	164-2	30	53	47	43	27.73	cps
Gadolinium	160-1	50	50	67	56	17.32	cps
Gadolinium	160-2	113	100	83	99	15.20	cps
Holmium	165-1	9753152	9780319	9875903	9803125	0.66	cps
Holmium	165-2	5863867	5970199	5964382	5932816	1.01	cps
Indium	115-1	6863988	6931140	6932343	6909157	0.57	cps
Indium	115-2	1975293	1960526	1979663	1971827	0.51	cps
Iron	56-2	4345	4995	4995	4779	7.86	cps
Iron	57-2	194	211	183	196	7.12	cps

LB Number : LB116409 Operator : JASWAL
 Lab Sample ID : PB139233BL Instrumnet Name : P7
 Client Sample ID : PB139233BL Dilution Factor : 1
 Date & Time Acquired :: 2021-09-21 12:39:25 DataFile Name : 064CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	991	861	931	928	7.02	cps
Krypton	83-1	517	460	547	508	8.67	cps
Lead	206-1	1133	1261	1261	1219	6.05	cps
Lead	207-1	1245	1033	1006	1095	11.94	cps
Lead	208-1	4956	4828	4773	4852	1.94	cps
Lithium	6-1	2503895	2527613	2501522	2511010	0.57	cps
Magnesium	24-2	383	383	442	403	8.36	cps
Manganese	55-2	137	110	130	126	11.05	cps
Molybdenum	94-1	167	375	200	247	45.27	cps
Molybdenum	95-1	125	75	92	97	26.19	cps
Molybdenum	96-1	142	117	100	119	17.56	cps
Molybdenum	97-1	67	42	83	64	32.83	cps
Molybdenum	98-1	158	150	150	153	3.15	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	170	180	200	183	8.33	cps
Phosphorus	31-2	642	742	617	667	9.92	cps
Potassium	39-2	36830	34265	33990	35028	4.47	cps
Rhodium	103-1	6242476	6236019	6162067	6213521	0.72	cps
Rhodium	103-2	3642738	3601974	3613989	3619567	0.58	cps
Scandium	45-1	3781119	3777257	3759317	3772564	0.31	cps
Scandium	45-2	286288	285031	285517	285612	0.22	cps
Selenium	82-1	51	123	-29	48	157.93	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	111	96	74	94	19.87	cps
Silicon	28-1	188827	192215	186785	189276	1.45	cps
Silver	107-1	817	492	283	531	50.66	cps
Silver	109-1	650	350	267	422	47.75	cps
Sodium	23-2	20515	18245	19079	19279	5.95	cps
Strontium	86-1	950	1125	1067	1047	8.51	cps
Strontium	88-1	508	592	567	556	7.70	cps
Sulfur	34-1	325934	331537	330704	329392	0.92	cps
Terbium	159-1	9764476	9870827	9769241	9801515	0.61	cps
Terbium	159-2	5756202	5824618	5826637	5802486	0.69	cps
Thallium	203-1	200	158	183	181	11.62	cps
Thallium	205-1	383	392	367	381	3.35	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	PB139233BL	Instrumnet Name :	P7
Client Sample ID :	PB139233BL	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 12:39:25	DataFile Name :	064CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	156	150	194	167	14.53	cps
Tin	118-1	1100	992	984	1025	6.35	cps
Titanium	47-1	67	67	25	53	45.58	cps
Uranium	238-1	117	92	67	92	27.27	cps
Vanadium	51-2	13	13	10	12	15.73	cps
Yttrium	89-1	10955498	10852763	10890714	10899658	0.48	cps
Yttrium	89-2	2363873	2338059	2362083	2354672	0.61	cps
Zinc	66-2	703	737	823	754	8.21	cps
Zirconium	90-1	667	858	658	728	15.55	cps
Zirconium	91-1	83	142	158	128	30.82	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	PB139233BS	Instrumnet Name :	P7
Client Sample ID :	PB139233BS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 12:42:32	DataFile Name :	065LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1272888	1263395	1278384	1271556	0.60	cps
Antimony	121-1	3626526	3601813	3590100	3606146	0.52	cps
Arsenic	75-2	145008	146460	145447	145638	0.51	cps
Barium	135-1	4372633	4343324	4316535	4344164	0.65	cps
Barium	137-1	7770897	7609616	7634797	7671770	1.13	cps
Beryllium	9-1	751296	748142	745359	748266	0.40	cps
Bismuth	209-1	6487330	6496182	6541447	6508320	0.45	cps
Bismuth	209-2	4229665	4273477	4317594	4273579	1.03	cps
Boron	10-1	92850	94803	96943	94865	2.16	cps
Boron	11-1	431857	440980	451770	441535	2.26	cps
Bromine	81-1	5951	5543	5301	5598	5.87	cps
Bromine	81-2	80	90	60	77	19.92	cps
Cadmium	111-1	908397	895538	909520	904485	0.86	cps
Cadmium	106-1	107782	106943	109092	107939	1.00	cps
Cadmium	108-1	71156	71281	71286	71241	0.10	cps
Calcium	43-1	999203	986063	985722	990329	0.78	cps
Calcium	44-1	15087550	15051338	14906598	15015162	0.64	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1325097	1322742	1318005	1321948	0.27	cps
Cobalt	59-2	2090826	2097313	2081221	2089787	0.39	cps
Copper	63-2	14939529	15086989	14821604	14949374	0.89	cps
Dysprosium	156-1	200	250	142	197	27.49	cps
Dysprosium	156-2	117	173	147	146	19.48	cps
Erbium	164-1	125	50	117	97	42.28	cps
Erbium	164-2	70	70	43	61	25.20	cps
Gadolinium	160-1	175	175	183	178	2.71	cps
Gadolinium	160-2	177	220	243	213	15.86	cps
Holmium	165-1	9681616	9636414	9570230	9629420	0.58	cps
Holmium	165-2	5763522	5835214	5848526	5815754	0.79	cps
Indium	115-1	6523597	6452619	6517026	6497747	0.60	cps
Indium	115-2	1800913	1812565	1804900	1806126	0.33	cps
Iron	56-2	60934451	60629089	60093065	60552202	0.70	cps
Iron	57-2	1526800	1534406	1519007	1526737	0.50	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	PB139233BS	Instrumnet Name :	P7
Client Sample ID :	PB139233BS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 12:42:32	DataFile Name :	065LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	3404466	3427522	3389647	3407212	0.56	cps
Krypton	83-1	527	500	497	508	3.24	cps
Lead	206-1	18766046	18609166	18854791	18743334	0.66	cps
Lead	207-1	16396398	16398200	16571531	16455377	0.61	cps
Lead	208-1	75206489	74961505	75359615	75175870	0.27	cps
Lithium	6-1	2396768	2369122	2359636	2375176	0.81	cps
Magnesium	24-2	13685260	13706329	13620771	13670786	0.33	cps
Manganese	55-2	9591747	9434222	9423125	9483031	0.99	cps
Molybdenum	94-1	6894253	6750709	6753146	6799369	1.21	cps
Molybdenum	95-1	8405240	8350005	8277350	8344198	0.77	cps
Molybdenum	96-1	9192799	9106212	9128970	9142660	0.49	cps
Molybdenum	97-1	5230357	5186586	5144980	5187307	0.82	cps
Molybdenum	98-1	13479418	13366075	13153501	13332998	1.24	cps
Neodymium	150-1	307	360	273	313	13.95	cps
Neodymium	150-2	77	47	37	53	39.03	cps
Nickel	60-2	530115	538385	530968	533156	0.85	cps
Phosphorus	31-2	60799	59142	60498	60146	1.47	cps
Potassium	39-2	6041770	6032154	5870276	5981400	1.61	cps
Rhodium	103-1	5590901	5560730	5548541	5566724	0.39	cps
Rhodium	103-2	3288339	3314953	3278730	3294007	0.57	cps
Scandium	45-1	3565756	3512045	3487672	3521825	1.13	cps
Scandium	45-2	261599	263004	259032	261212	0.77	cps
Selenium	82-1	57393	57414	57706	57504	0.30	cps
Selenium	77-2	4491	4371	4397	4420	1.43	cps
Selenium	78-2	14665	14502	14500	14555	0.65	cps
Silicon	28-1	2183388	2157163	2198251	2179601	0.95	cps
Silver	107-1	4435895	4396393	4403973	4412087	0.48	cps
Silver	109-1	4274894	4241255	4232199	4249449	0.53	cps
Sodium	23-2	23385583	23400446	23348955	23378328	0.11	cps
Strontium	86-1	10584898	10462016	10475183	10507366	0.64	cps
Strontium	88-1	92082298	90816919	90910394	91269870	0.77	cps
Sulfur	34-1	636762	623239	614362	624788	1.81	cps
Terbium	159-1	9645048	9643942	9545316	9611435	0.60	cps
Terbium	159-2	5626592	5666670	5650905	5648056	0.36	cps
Thallium	203-1	4397650	4433524	4456048	4429074	0.66	cps
Thallium	205-1	10874559	10850124	10812495	10845726	0.29	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	PB139233BS	Instrumnet Name :	P7
Client Sample ID :	PB139233BS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 12:42:32	DataFile Name :	065LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	16262774	16584191	16673209	16506725	1.31	cps
Tin	118-1	3057481	3016328	3038950	3037586	0.68	cps
Titanium	47-1	2157472	2129836	2108847	2132052	1.14	cps
Uranium	238-1	15495797	15483891	15634249	15537979	0.54	cps
Vanadium	51-2	1098369	1100459	1090657	1096495	0.47	cps
Yttrium	89-1	10313868	10090677	10016715	10140420	1.53	cps
Yttrium	89-2	2171143	2203024	2186598	2186922	0.73	cps
Zinc	66-2	2429930	2474378	2450519	2451609	0.91	cps
Zirconium	90-1	5753954	5728688	5635917	5706186	1.09	cps
Zirconium	91-1	1281037	1263526	1265058	1269874	0.76	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-05A	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 12:45:28	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1228491	1224494	1225942	1226309	0.17	cps
Antimony	121-1	3398007	3412293	3398459	3402920	0.24	cps
Arsenic	75-2	141571	140100	141263	140978	0.55	cps
Barium	135-1	4339881	4360734	4346948	4349188	0.24	cps
Barium	137-1	7616942	7546603	7588871	7584139	0.47	cps
Beryllium	9-1	705116	699921	696545	700527	0.62	cps
Bismuth	209-1	6369730	6508132	6467683	6448515	1.10	cps
Bismuth	209-2	4221800	4243337	4222697	4229278	0.29	cps
Boron	10-1	99668	102612	104374	102218	2.33	cps
Boron	11-1	454267	475282	477739	469096	2.75	cps
Bromine	81-1	19931	22702	25849	22827	12.97	cps
Bromine	81-2	3875	3834	4175	3961	4.70	cps
Cadmium	111-1	839381	841931	843832	841715	0.27	cps
Cadmium	106-1	100411	99674	99589	99891	0.45	cps
Cadmium	108-1	68552	70021	68999	69191	1.09	cps
Calcium	43-1	1423494	1437012	1422517	1427674	0.57	cps
Calcium	44-1	21714433	21745283	21773872	21744529	0.14	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1241306	1238245	1230330	1236627	0.46	cps
Cobalt	59-2	1969427	1966003	1956432	1963954	0.34	cps
Copper	63-2	15423811	15474237	15250669	15382906	0.76	cps
Dysprosium	156-1	442	417	508	456	10.40	cps
Dysprosium	156-2	350	327	343	340	3.54	cps
Erbium	164-1	300	225	350	292	21.57	cps
Erbium	164-2	213	247	240	233	7.56	cps
Gadolinium	160-1	508	517	417	481	11.55	cps
Gadolinium	160-2	380	397	423	400	5.46	cps
Holmium	165-1	9591983	9736854	9621820	9650219	0.79	cps
Holmium	165-2	5764376	5840656	5773884	5792972	0.72	cps
Indium	115-1	6376170	6487671	6433463	6432435	0.87	cps
Indium	115-2	1787103	1794803	1795258	1792388	0.26	cps
Iron	56-2	59504889	59585153	58753275	59281105	0.77	cps
Iron	57-2	1493539	1491873	1489610	1491674	0.13	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-05A	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 12:45:28	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	3286360	3311924	3292709	3296997	0.40	cps
Krypton	83-1	487	567	517	523	7.72	cps
Lead	206-1	17370618	17472383	17397351	17413451	0.30	cps
Lead	207-1	15464680	15549882	15445069	15486544	0.36	cps
Lead	208-1	70297313	70713638	70384827	70465259	0.31	cps
Lithium	6-1	2329248	2336883	2329321	2331817	0.19	cps
Magnesium	24-2	14980646	15046084	15093899	15040210	0.38	cps
Manganese	55-2	9780473	9909165	9812186	9833941	0.68	cps
Molybdenum	94-1	10147110	10189777	10085440	10140776	0.52	cps
Molybdenum	95-1	14568968	14418544	14465759	14484424	0.53	cps
Molybdenum	96-1	15826458	15599864	15717888	15714736	0.72	cps
Molybdenum	97-1	9131039	8918669	9131977	9060561	1.36	cps
Molybdenum	98-1	23571672	23364229	23486766	23474222	0.44	cps
Neodymium	150-1	607	593	547	582	5.41	cps
Neodymium	150-2	120	200	147	156	26.19	cps
Nickel	60-2	500823	498196	501202	500074	0.33	cps
Phosphorus	31-2	633	683	775	697	10.31	cps
Potassium	39-2	6294304	6315116	6328776	6312732	0.27	cps
Rhodium	103-1	5496253	5494090	5495921	5495422	0.02	cps
Rhodium	103-2	3259255	3245205	3251099	3251853	0.22	cps
Scandium	45-1	3459642	3473687	3474843	3469391	0.24	cps
Scandium	45-2	258388	259480	262780	260216	0.88	cps
Selenium	82-1	53338	53374	52752	53155	0.66	cps
Selenium	77-2	3997	4157	4141	4098	2.15	cps
Selenium	78-2	13692	13605	13681	13659	0.35	cps
Silicon	28-1	14356960	14401418	14477151	14411843	0.42	cps
Silver	107-1	6538017	5233095	4839048	5536720	16.06	cps
Silver	109-1	5349381	6015699	6212789	5859289	7.72	cps
Sodium	23-2	33248319	33446767	33376266	33357118	0.30	cps
Strontium	86-1	10122695	10231848	10164691	10173078	0.54	cps
Strontium	88-1	88503456	88444896	88571094	88506482	0.07	cps
Sulfur	34-1	441961	429900	429438	433766	1.64	cps
Terbium	159-1	9390373	9732756	9657011	9593380	1.87	cps
Terbium	159-2	5617825	5641916	5634409	5631383	0.22	cps
Thallium	203-1	4133567	4169247	4175499	4159438	0.54	cps
Thallium	205-1	10112702	10195768	10278607	10195693	0.81	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-05A	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 12:45:28	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	3840	3317	3323	3493	8.59	cps
Tin	118-1	2932525	2955126	2939868	2942506	0.39	cps
Titanium	47-1	3638185	3651019	3629271	3639492	0.30	cps
Uranium	238-1	14793249	15155092	15150597	15032979	1.38	cps
Vanadium	51-2	1033406	1030724	1028027	1030719	0.26	cps
Yttrium	89-1	10219544	10202835	10282666	10235015	0.41	cps
Yttrium	89-2	2164284	2157865	2161876	2161342	0.15	cps
Zinc	66-2	2530394	2535002	2533071	2532822	0.09	cps
Zirconium	90-1	5217445	5232776	5211270	5220497	0.21	cps
Zirconium	91-1	1172340	1161000	1164197	1165846	0.50	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-05MS	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 12:53:43	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1212549	1214544	1194828	1207307	0.90	cps
Antimony	121-1	3375672	3353482	3343012	3357388	0.50	cps
Arsenic	75-2	138552	137722	138329	138201	0.31	cps
Barium	135-1	4284344	4285114	4318796	4296085	0.46	cps
Barium	137-1	7584018	7577812	7544206	7568678	0.28	cps
Beryllium	9-1	700737	690862	686944	692848	1.03	cps
Bismuth	209-1	6358039	6362116	6427993	6382716	0.62	cps
Bismuth	209-2	4156837	4217631	4228617	4201028	0.92	cps
Boron	10-1	96834	100246	101816	99632	2.56	cps
Boron	11-1	447630	462421	472987	461013	2.76	cps
Bromine	81-1	20190	22093	25181	22488	11.20	cps
Bromine	81-2	3794	3945	3734	3824	2.83	cps
Cadmium	111-1	822443	834846	835286	830858	0.88	cps
Cadmium	106-1	96854	99757	98565	98392	1.48	cps
Cadmium	108-1	67689	69247	68920	68619	1.20	cps
Calcium	43-1	1369834	1355655	1336564	1354018	1.23	cps
Calcium	44-1	20930108	20455286	20620579	20668658	1.17	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1210615	1220794	1213253	1214888	0.43	cps
Cobalt	59-2	1935312	1920438	1922403	1926051	0.42	cps
Copper	63-2	15140864	15054353	15103245	15099487	0.29	cps
Dysprosium	156-1	492	467	492	483	2.99	cps
Dysprosium	156-2	297	303	290	297	2.25	cps
Erbium	164-1	392	367	342	367	6.82	cps
Erbium	164-2	173	210	170	184	12.03	cps
Gadolinium	160-1	458	475	533	489	8.06	cps
Gadolinium	160-2	380	383	377	380	0.88	cps
Holmium	165-1	9452457	9621345	9536849	9536884	0.89	cps
Holmium	165-2	5674105	5727024	5766046	5722392	0.81	cps
Indium	115-1	6396485	6376265	6359526	6377426	0.29	cps
Indium	115-2	1753883	1763065	1767364	1761437	0.39	cps
Iron	56-2	57851436	58007703	57748078	57869072	0.23	cps
Iron	57-2	1468360	1461710	1462259	1464110	0.25	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-05MS	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 12:53:43	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	3251803	3255903	3220099	3242602	0.60	cps
Krypton	83-1	587	513	497	532	9.00	cps
Lead	206-1	17417206	17424296	17248997	17363500	0.57	cps
Lead	207-1	15364340	15191857	15431438	15329212	0.81	cps
Lead	208-1	69862497	69241935	69852833	69652422	0.51	cps
Lithium	6-1	2314523	2293332	2314431	2307429	0.53	cps
Magnesium	24-2	14880003	14855563	14769480	14835015	0.39	cps
Manganese	55-2	9634169	9694468	9550114	9626250	0.75	cps
Molybdenum	94-1	10049316	9848743	9827570	9908543	1.24	cps
Molybdenum	95-1	14307684	14135500	14223875	14222353	0.61	cps
Molybdenum	96-1	15520195	15459599	15549886	15509893	0.30	cps
Molybdenum	97-1	8968264	8879360	8877016	8908213	0.58	cps
Molybdenum	98-1	23089101	23006735	22710161	22935332	0.87	cps
Neodymium	150-1	527	453	553	511	10.13	cps
Neodymium	150-2	137	197	150	161	19.56	cps
Nickel	60-2	491252	489357	490180	490263	0.19	cps
Phosphorus	31-2	792	633	633	686	13.32	cps
Potassium	39-2	6248821	6250181	6142145	6213716	1.00	cps
Rhodium	103-1	5473061	5427910	5390653	5430541	0.76	cps
Rhodium	103-2	3179730	3194631	3209536	3194632	0.47	cps
Scandium	45-1	3485824	3404201	3382036	3424020	1.60	cps
Scandium	45-2	252879	256110	256005	254998	0.72	cps
Selenium	82-1	51791	52876	52486	52384	1.05	cps
Selenium	77-2	4181	3924	3981	4028	3.35	cps
Selenium	78-2	13721	13397	13568	13562	1.20	cps
Silicon	28-1	14368081	14118387	14248926	14245131	0.88	cps
Silver	107-1	6091660	4330086	4550939	4990895	19.23	cps
Silver	109-1	5360828	5141300	5408330	5303486	2.69	cps
Sodium	23-2	32785526	32905752	32782243	32824507	0.21	cps
Strontium	86-1	9924428	9943344	9887273	9918349	0.29	cps
Strontium	88-1	86680035	86521379	86621106	86607507	0.09	cps
Sulfur	34-1	442250	433374	425684	433769	1.91	cps
Terbium	159-1	9428763	9475400	9440660	9448274	0.26	cps
Terbium	159-2	5537822	5541408	5568628	5549286	0.30	cps
Thallium	203-1	4055481	4123987	4116781	4098750	0.92	cps
Thallium	205-1	9996612	10205165	10104938	10102238	1.03	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-05MS	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 12:53:43	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	894	844	900	880	3.48	cps
Tin	118-1	2908941	2901080	2906483	2905501	0.14	cps
Titanium	47-1	3639492	3583853	3537329	3586891	1.43	cps
Uranium	238-1	14564209	14928239	15053652	14848700	1.71	cps
Vanadium	51-2	1011148	1012413	1015555	1013039	0.22	cps
Yttrium	89-1	9903432	9999157	9896064	9932884	0.58	cps
Yttrium	89-2	2113688	2128191	2141676	2127852	0.66	cps
Zinc	66-2	2489415	2496481	2484311	2490069	0.25	cps
Zirconium	90-1	5181666	5122726	5060516	5121636	1.18	cps
Zirconium	91-1	1157872	1143428	1133318	1144872	1.08	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-05MSD	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 12:56:41	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1217539	1205907	1197652	1207033	0.83	cps
Antimony	121-1	3323706	3309076	3350598	3327793	0.63	cps
Arsenic	75-2	137560	136868	136733	137053	0.32	cps
Barium	135-1	4254011	4240833	4313762	4269535	0.91	cps
Barium	137-1	7487197	7464545	7561947	7504563	0.68	cps
Beryllium	9-1	680712	675858	689202	681924	0.99	cps
Bismuth	209-1	6463337	6385493	6422924	6423918	0.61	cps
Bismuth	209-2	4139311	4201970	4199046	4180109	0.85	cps
Boron	10-1	99476	102168	102595	101413	1.67	cps
Boron	11-1	458072	467066	475943	467027	1.91	cps
Bromine	81-1	23495	26425	27735	25885	8.39	cps
Bromine	81-2	4265	3604	3844	3905	8.57	cps
Cadmium	111-1	836198	826973	822196	828456	0.86	cps
Cadmium	106-1	98825	98163	98221	98403	0.37	cps
Cadmium	108-1	67396	67715	67731	67614	0.28	cps
Calcium	43-1	1350040	1332013	1356138	1346064	0.93	cps
Calcium	44-1	20626473	20712732	20800028	20713078	0.42	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1205511	1212286	1207468	1208421	0.29	cps
Cobalt	59-2	1920275	1923969	1912433	1918893	0.31	cps
Copper	63-2	15022049	15024105	14991627	15012594	0.12	cps
Dysprosium	156-1	425	425	417	422	1.14	cps
Dysprosium	156-2	307	300	357	321	9.65	cps
Erbium	164-1	350	317	433	367	16.39	cps
Erbium	164-2	160	223	240	208	20.31	cps
Gadolinium	160-1	392	417	583	464	22.46	cps
Gadolinium	160-2	373	413	403	397	5.25	cps
Holmium	165-1	9433117	9462873	9535407	9477132	0.56	cps
Holmium	165-2	5714561	5726558	5746632	5729250	0.28	cps
Indium	115-1	6377305	6336939	6397380	6370541	0.48	cps
Indium	115-2	1754272	1759663	1761667	1758534	0.22	cps
Iron	56-2	57802924	58099397	57938685	57947002	0.26	cps
Iron	57-2	1461071	1457599	1463389	1460686	0.20	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-05MSD	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 12:56:41	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	3233285	3245794	3233263	3237447	0.22	cps
Krypton	83-1	517	523	480	507	4.61	cps
Lead	206-1	17177152	17315504	17105876	17199511	0.62	cps
Lead	207-1	15335360	15400634	15353295	15363096	0.22	cps
Lead	208-1	69573396	69247582	69789313	69536764	0.39	cps
Lithium	6-1	2315084	2299751	2303744	2306193	0.34	cps
Magnesium	24-2	14946146	14859164	14792740	14866017	0.52	cps
Manganese	55-2	9568005	9601142	9617408	9595518	0.26	cps
Molybdenum	94-1	9720709	9699037	9809355	9743034	0.60	cps
Molybdenum	95-1	14012871	14056841	14248346	14106020	0.89	cps
Molybdenum	96-1	15296235	15241442	15507022	15348233	0.91	cps
Molybdenum	97-1	8832761	8741276	8913306	8829115	0.97	cps
Molybdenum	98-1	22880524	22496617	22824670	22733937	0.91	cps
Neodymium	150-1	427	447	533	469	12.09	cps
Neodymium	150-2	170	163	163	166	2.32	cps
Nickel	60-2	487124	486828	486395	486783	0.08	cps
Phosphorus	31-2	625	625	650	633	2.28	cps
Potassium	39-2	6217695	6180145	6143226	6180355	0.60	cps
Rhodium	103-1	5413814	5304171	5398780	5372255	1.11	cps
Rhodium	103-2	3167317	3188683	3191018	3182339	0.41	cps
Scandium	45-1	3415364	3362320	3405553	3394412	0.83	cps
Scandium	45-2	254065	255449	254546	254687	0.28	cps
Selenium	82-1	52548	51962	52612	52374	0.68	cps
Selenium	77-2	4164	3924	4051	4046	2.97	cps
Selenium	78-2	13210	13428	13669	13436	1.71	cps
Silicon	28-1	14057294	13895558	14144122	14032325	0.90	cps
Silver	107-1	5081795	4780919	4336909	4733208	7.92	cps
Silver	109-1	3901044	5065024	4363797	4443288	13.19	cps
Sodium	23-2	32861019	32807807	32795928	32821585	0.11	cps
Strontium	86-1	9722593	9757535	9823651	9767926	0.53	cps
Strontium	88-1	85865127	84816244	86393156	85691509	0.94	cps
Sulfur	34-1	418270	415684	423149	419034	0.90	cps
Terbium	159-1	9380821	9458673	9502564	9447353	0.65	cps
Terbium	159-2	5515187	5573362	5537772	5542107	0.53	cps
Thallium	203-1	4082794	4111682	4155245	4116574	0.89	cps
Thallium	205-1	9974591	10035431	10031209	10013744	0.34	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-05MSD	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 12:56:41	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	767	911	767	815	10.23	cps
Tin	118-1	2881652	2873697	2888780	2881376	0.26	cps
Titanium	47-1	3542165	3480826	3532447	3518480	0.94	cps
Uranium	238-1	14969341	14601019	14981753	14850705	1.46	cps
Vanadium	51-2	1010922	1007413	1010167	1009501	0.18	cps
Yttrium	89-1	9976123	9724714	9974607	9891815	1.46	cps
Yttrium	89-2	2116488	2120634	2121690	2119604	0.13	cps
Zinc	66-2	2464689	2476921	2473748	2471786	0.26	cps
Zirconium	90-1	5054293	5040492	5104022	5066269	0.66	cps
Zirconium	91-1	1122815	1125780	1137228	1128608	0.67	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-02	Instrumnet Name :	P7
Client Sample ID :	SW-RR-02-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 13:12:23	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	22060	19038	20803	20634	7.36	cps
Antimony	121-1	1859	2092	1942	1964	6.02	cps
Arsenic	75-2	1324	1482	1320	1375	6.69	cps
Barium	135-1	124200	123300	124436	123979	0.48	cps
Barium	137-1	218662	220143	218808	219204	0.37	cps
Beryllium	9-1	139	150	156	148	5.73	cps
Bismuth	209-1	6463782	6518966	6532265	6505004	0.56	cps
Bismuth	209-2	4285432	4349279	4326403	4320372	0.75	cps
Boron	10-1	13823	15358	14099	14427	5.67	cps
Boron	11-1	67550	70598	69928	69359	2.31	cps
Bromine	81-1	12756	13281	13732	13256	3.68	cps
Bromine	81-2	1672	1181	1492	1448	17.13	cps
Cadmium	111-1	809	764	876	817	6.91	cps
Cadmium	106-1	3342	3434	3601	3459	3.79	cps
Cadmium	108-1	25	50	63	46	41.66	cps
Calcium	43-1	486916	483755	482784	484485	0.45	cps
Calcium	44-1	7431082	7419775	7478420	7443092	0.42	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5781	5971	5735	5829	2.15	cps
Cobalt	59-2	7385	7399	7419	7401	0.23	cps
Copper	63-2	28785	29303	28575	28887	1.30	cps
Dysprosium	156-1	908	833	933	892	5.84	cps
Dysprosium	156-2	600	647	617	621	3.81	cps
Erbium	164-1	1183	1067	958	1070	10.52	cps
Erbium	164-2	643	553	667	621	9.64	cps
Gadolinium	160-1	958	1133	1117	1070	9.03	cps
Gadolinium	160-2	783	853	747	794	6.82	cps
Holmium	165-1	9281755	9590580	9481044	9451127	1.66	cps
Holmium	165-2	5750125	5755386	5763011	5756174	0.11	cps
Indium	115-1	6562285	6486729	6534500	6527838	0.59	cps
Indium	115-2	1845475	1845258	1865625	1852119	0.63	cps
Iron	56-2	10639519	10538965	10471031	10549839	0.80	cps
Iron	57-2	267645	267974	266194	267271	0.35	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-02	Instrumnet Name :	P7
Client Sample ID :	SW-RR-02-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 13:12:23	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	581965	589872	578932	583590	0.97	cps
Krypton	83-1	530	447	523	500	9.26	cps
Lead	206-1	15187	14569	14030	14595	3.97	cps
Lead	207-1	12584	12328	12184	12365	1.64	cps
Lead	208-1	57554	56926	55969	56816	1.40	cps
Lithium	6-1	2416649	2409447	2420444	2415513	0.23	cps
Magnesium	24-2	1274067	1276998	1272523	1274529	0.18	cps
Manganese	55-2	1760117	1771217	1771550	1767628	0.37	cps
Molybdenum	94-1	3634	3609	3559	3601	1.06	cps
Molybdenum	95-1	4826	4993	5059	4959	2.42	cps
Molybdenum	96-1	5768	5176	5493	5479	5.41	cps
Molybdenum	97-1	3225	3167	2875	3089	6.07	cps
Molybdenum	98-1	8169	7802	8528	8166	4.44	cps
Neodymium	150-1	1233	1147	1227	1202	4.01	cps
Neodymium	150-2	617	600	503	573	10.67	cps
Nickel	60-2	3347	3324	3664	3445	5.51	cps
Phosphorus	31-2	2584	2692	2800	2692	4.02	cps
Potassium	39-2	1756353	1772717	1762387	1763819	0.47	cps
Rhodium	103-1	5634777	5618074	5701336	5651396	0.78	cps
Rhodium	103-2	3363318	3360634	3382722	3368891	0.36	cps
Scandium	45-1	3540883	3520844	3528396	3530041	0.29	cps
Scandium	45-2	264327	266997	263931	265085	0.63	cps
Selenium	82-1	-16	115	30	43	155.88	cps
Selenium	77-2	10	3	3	6	69.34	cps
Selenium	78-2	69	56	98	74	29.47	cps
Silicon	28-1	17116334	16900805	16921340	16979493	0.70	cps
Silver	107-1	950	1208	1459	1206	21.10	cps
Silver	109-1	1150	917	992	1020	11.68	cps
Sodium	23-2	7638136	7662727	7650077	7650313	0.16	cps
Strontium	86-1	326830	325726	326991	326515	0.21	cps
Strontium	88-1	2807477	2807742	2827883	2814368	0.42	cps
Sulfur	34-1	502646	494922	498142	498570	0.78	cps
Terbium	159-1	9451777	9460716	9505749	9472747	0.31	cps
Terbium	159-2	5599628	5577936	5607500	5595021	0.27	cps
Thallium	203-1	217	267	233	239	10.66	cps
Thallium	205-1	542	567	800	636	22.40	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-02	Instrumnet Name :	P7
Client Sample ID :	SW-RR-02-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 13:12:23	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	1528	1795	1828	1717	9.58	cps
Tin	118-1	1450	1508	1600	1520	4.98	cps
Titanium	47-1	5743	5635	5810	5729	1.54	cps
Uranium	238-1	4834	4501	4893	4743	4.46	cps
Vanadium	51-2	4587	4621	4374	4527	2.96	cps
Yttrium	89-1	10138279	10157303	10217767	10171116	0.41	cps
Yttrium	89-2	2199631	2219871	2207210	2208904	0.46	cps
Zinc	66-2	32212	32152	32479	32281	0.54	cps
Zirconium	90-1	2625	2534	2275	2478	7.32	cps
Zirconium	91-1	650	608	475	578	15.82	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-04	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(1.5)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 13:15:31	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20509	19238	20124	19957	3.27	cps
Antimony	121-1	1775	1859	1675	1770	5.19	cps
Arsenic	75-2	1420	1433	1435	1430	0.56	cps
Barium	135-1	125990	128572	125679	126747	1.25	cps
Barium	137-1	222608	225586	225316	224503	0.73	cps
Beryllium	9-1	122	183	133	146	22.25	cps
Bismuth	209-1	6563848	6593411	6558121	6571793	0.29	cps
Bismuth	209-2	4357513	4363468	4361615	4360865	0.07	cps
Boron	10-1	14749	15625	16134	15503	4.52	cps
Boron	11-1	70590	75379	74558	73509	3.48	cps
Bromine	81-1	13023	14875	14891	14263	7.53	cps
Bromine	81-2	1702	1752	1712	1722	1.54	cps
Cadmium	111-1	920	866	912	899	3.22	cps
Cadmium	106-1	3926	3751	3759	3812	2.59	cps
Cadmium	108-1	33	54	33	40	29.87	cps
Calcium	43-1	495849	494527	494239	494872	0.17	cps
Calcium	44-1	7665314	7646104	7582275	7631231	0.57	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5694	5951	5681	5776	2.64	cps
Cobalt	59-2	7792	7805	7522	7707	2.08	cps
Copper	63-2	28013	28344	28508	28288	0.89	cps
Dysprosium	156-1	1008	1075	1000	1028	4.00	cps
Dysprosium	156-2	620	590	593	601	2.74	cps
Erbium	164-1	1208	1025	1000	1078	10.56	cps
Erbium	164-2	677	630	733	680	7.61	cps
Gadolinium	160-1	1142	1092	1167	1133	3.37	cps
Gadolinium	160-2	843	847	780	823	4.56	cps
Holmium	165-1	9662377	9680142	9644486	9662335	0.18	cps
Holmium	165-2	5772873	5796252	5826286	5798470	0.46	cps
Indium	115-1	6597801	6704579	6626702	6643027	0.83	cps
Indium	115-2	1854177	1865834	1874102	1864705	0.54	cps
Iron	56-2	10943411	10902613	10971384	10939136	0.32	cps
Iron	57-2	278442	282160	280727	280443	0.67	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-04	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(1.5)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 13:15:31	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	616744	618799	612197	615913	0.55	cps
Krypton	83-1	500	653	537	563	14.21	cps
Lead	206-1	14408	14386	14113	14302	1.15	cps
Lead	207-1	11922	11978	12562	12154	2.91	cps
Lead	208-1	56966	56648	57121	56912	0.42	cps
Lithium	6-1	2399986	2415160	2409979	2408375	0.32	cps
Magnesium	24-2	1295496	1307510	1319446	1307484	0.92	cps
Manganese	55-2	1743109	1743599	1747882	1744863	0.15	cps
Molybdenum	94-1	3567	3676	3484	3576	2.69	cps
Molybdenum	95-1	4984	5226	5009	5073	2.62	cps
Molybdenum	96-1	5101	5568	5409	5359	4.43	cps
Molybdenum	97-1	2884	3167	3125	3059	5.00	cps
Molybdenum	98-1	8027	8544	7811	8128	4.64	cps
Neodymium	150-1	1233	1187	1207	1209	1.94	cps
Neodymium	150-2	760	647	533	647	17.53	cps
Nickel	60-2	3274	3247	3390	3304	2.31	cps
Phosphorus	31-2	2617	2642	2634	2631	0.48	cps
Potassium	39-2	1761476	1789440	1810318	1787078	1.37	cps
Rhodium	103-1	5742249	5666559	5690397	5699735	0.68	cps
Rhodium	103-2	3358642	3395311	3401861	3385271	0.69	cps
Scandium	45-1	3554591	3545363	3515044	3538333	0.58	cps
Scandium	45-2	262672	265991	268674	265779	1.13	cps
Selenium	82-1	46	-146	2	-33	-305.16	cps
Selenium	77-2	3	7	7	6	34.70	cps
Selenium	78-2	83	70	102	85	18.57	cps
Silicon	28-1	17158573	17418574	17040889	17206012	1.12	cps
Silver	107-1	792	858	900	850	6.43	cps
Silver	109-1	725	717	617	686	8.79	cps
Sodium	23-2	7657256	7741743	7865493	7754831	1.35	cps
Strontium	86-1	326778	331587	328534	328966	0.74	cps
Strontium	88-1	2866147	2876790	2869531	2870822	0.19	cps
Sulfur	34-1	502537	498232	493651	498140	0.89	cps
Terbium	159-1	9535505	9483115	9625684	9548101	0.76	cps
Terbium	159-2	5621416	5647964	5677627	5649002	0.50	cps
Thallium	203-1	208	192	192	197	4.88	cps
Thallium	205-1	450	567	500	506	11.58	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-04	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(1.5)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 13:15:31	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	1761	1761	1972	1832	6.66	cps
Tin	118-1	1675	1667	1717	1686	1.59	cps
Titanium	47-1	5309	5826	6127	5754	7.18	cps
Uranium	238-1	4534	4784	5026	4782	5.14	cps
Vanadium	51-2	4484	4511	4637	4544	1.80	cps
Yttrium	89-1	10322426	10204873	10205900	10244399	0.66	cps
Yttrium	89-2	2181982	2208082	2209216	2199760	0.70	cps
Zinc	66-2	30685	31307	30986	30993	1.00	cps
Zirconium	90-1	2609	2342	2342	2431	6.34	cps
Zirconium	91-1	467	759	508	578	27.32	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-06	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 13:18:37	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10477	9396	10958	10277	7.78	cps
Antimony	121-1	783	858	867	836	5.49	cps
Arsenic	75-2	170	178	181	177	3.20	cps
Barium	135-1	76686	77951	76351	76996	1.10	cps
Barium	137-1	133091	132442	134949	133494	0.97	cps
Beryllium	9-1	111	89	106	102	11.35	cps
Bismuth	209-1	6524429	6601832	6582851	6569704	0.61	cps
Bismuth	209-2	4347637	4387577	4388342	4374518	0.53	cps
Boron	10-1	8736	8553	8594	8628	1.11	cps
Boron	11-1	41507	41574	42953	42012	1.94	cps
Bromine	81-1	24680	29188	31059	28309	11.58	cps
Bromine	81-2	4565	4806	4886	4752	3.51	cps
Cadmium	111-1	744	770	765	760	1.78	cps
Cadmium	106-1	3801	3751	3726	3759	1.02	cps
Cadmium	108-1	58	38	25	40	41.80	cps
Calcium	43-1	476440	481292	476130	477954	0.61	cps
Calcium	44-1	7352489	7377723	7403265	7377826	0.34	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1457	1607	1517	1527	4.95	cps
Cobalt	59-2	600	627	627	618	2.49	cps
Copper	63-2	4174	4327	4181	4227	2.05	cps
Dysprosium	156-1	275	292	233	267	11.27	cps
Dysprosium	156-2	193	153	160	169	12.69	cps
Erbium	164-1	383	283	375	347	15.98	cps
Erbium	164-2	197	190	160	182	10.72	cps
Gadolinium	160-1	283	408	358	350	17.97	cps
Gadolinium	160-2	283	270	343	299	13.07	cps
Holmium	165-1	9876655	9685857	9614412	9725641	1.39	cps
Holmium	165-2	5869028	5887476	5922182	5892895	0.46	cps
Indium	115-1	6671983	6630965	6706154	6669701	0.56	cps
Indium	115-2	1885212	1886625	1908801	1893546	0.70	cps
Iron	56-2	424828	415580	441813	427407	3.11	cps
Iron	57-2	13134	13167	13840	13380	2.98	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-06	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 13:18:37	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	23253	23122	23634	23336	1.14	cps
Krypton	83-1	533	423	487	481	11.48	cps
Lead	206-1	2978	2673	2789	2813	5.48	cps
Lead	207-1	2467	2411	2328	2402	2.91	cps
Lead	208-1	11374	10741	11108	11074	2.87	cps
Lithium	6-1	2413285	2433068	2417908	2421420	0.43	cps
Magnesium	24-2	2591633	2592039	2595957	2593210	0.09	cps
Manganese	55-2	41839	42431	42488	42253	0.85	cps
Molybdenum	94-1	1625	1950	1742	1772	9.29	cps
Molybdenum	95-1	2267	2317	2459	2347	4.24	cps
Molybdenum	96-1	2617	2684	2767	2689	2.79	cps
Molybdenum	97-1	1225	1608	1333	1389	14.23	cps
Molybdenum	98-1	3576	3692	4067	3778	6.80	cps
Neodymium	150-1	307	353	267	309	14.04	cps
Neodymium	150-2	173	160	147	160	8.33	cps
Nickel	60-2	713	757	643	704	8.12	cps
Phosphorus	31-2	517	425	708	550	26.29	cps
Potassium	39-2	620188	608669	621873	616910	1.16	cps
Rhodium	103-1	5699670	5728210	5760470	5729450	0.53	cps
Rhodium	103-2	3417011	3414461	3452163	3427878	0.61	cps
Scandium	45-1	3571990	3593731	3587261	3584327	0.31	cps
Scandium	45-2	271658	269893	276416	272656	1.24	cps
Selenium	82-1	-2	95	26	39	127.37	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	87	106	74	89	17.80	cps
Silicon	28-1	13210461	21190796	13238992	15880083	28.96	cps
Silver	107-1	392	358	408	386	6.59	cps
Silver	109-1	333	292	37256	12627	168.92	cps
Sodium	23-2	12823496	12786760	12958549	12856269	0.70	cps
Strontium	86-1	289387	294836	295788	293337	1.18	cps
Strontium	88-1	2544661	2587462	2583512	2571878	0.92	cps
Sulfur	34-1	455722	454165	455611	455166	0.19	cps
Terbium	159-1	9795548	9620940	9623878	9680122	1.03	cps
Terbium	159-2	5659547	5772414	5719034	5716998	0.99	cps
Thallium	203-1	133	108	192	144	29.60	cps
Thallium	205-1	392	475	567	478	18.32	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-06	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 13:18:37	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	450	456	428	444	3.31	cps
Tin	118-1	825	958	767	850	11.56	cps
Titanium	47-1	1633	2334	85714	29894	161.72	cps
Uranium	238-1	7661	7811	8119	7864	2.97	cps
Vanadium	51-2	2070	2207	2077	2118	3.64	cps
Yttrium	89-1	10418706	10473888	10408159	10433584	0.34	cps
Yttrium	89-2	2240550	2245921	2258592	2248355	0.41	cps
Zinc	66-2	9243	9647	9226	9372	2.54	cps
Zirconium	90-1	892	1125	808	942	17.43	cps
Zirconium	91-1	183	192	225	200	11.02	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-08	Instrumnet Name :	P7
Client Sample ID :	SW-CB-03-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 13:21:44	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7228	6777	6310	6772	6.78	cps
Antimony	121-1	1492	1392	1483	1456	3.81	cps
Arsenic	75-2	304	267	281	284	6.57	cps
Barium	135-1	122417	119299	123493	121736	1.79	cps
Barium	137-1	211598	213154	215082	213278	0.82	cps
Beryllium	9-1	139	44	128	104	49.77	cps
Bismuth	209-1	6531257	6555089	6585210	6557186	0.41	cps
Bismuth	209-2	4389499	4372985	4385774	4382752	0.20	cps
Boron	10-1	28127	29679	30022	29276	3.45	cps
Boron	11-1	134518	139251	143188	138986	3.12	cps
Bromine	81-1	44360	53793	59029	52394	14.19	cps
Bromine	81-2	9723	9303	9793	9606	2.76	cps
Cadmium	111-1	790	863	806	820	4.70	cps
Cadmium	106-1	3976	4034	3801	3937	3.09	cps
Cadmium	108-1	38	21	42	33	33.08	cps
Calcium	43-1	789917	789606	796643	792055	0.50	cps
Calcium	44-1	12125802	12240331	12197494	12187876	0.47	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1703	1623	1713	1680	2.94	cps
Cobalt	59-2	1457	1367	1430	1418	3.26	cps
Copper	63-2	5294	4968	5094	5119	3.22	cps
Dysprosium	156-1	150	108	133	131	16.06	cps
Dysprosium	156-2	103	130	110	114	12.13	cps
Erbium	164-1	267	267	242	258	5.59	cps
Erbium	164-2	110	137	143	130	13.57	cps
Gadolinium	160-1	258	283	192	244	19.39	cps
Gadolinium	160-2	250	263	247	253	3.48	cps
Holmium	165-1	9730117	9908151	9725542	9787937	1.06	cps
Holmium	165-2	5926580	5965510	5956591	5949560	0.34	cps
Indium	115-1	6688592	6694409	6796610	6726537	0.90	cps
Indium	115-2	1900752	1909005	1908693	1906150	0.25	cps
Iron	56-2	1749759	1760990	1745447	1752065	0.46	cps
Iron	57-2	48424	48563	48045	48344	0.55	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-08	Instrumnet Name :	P7
Client Sample ID :	SW-CB-03-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 13:21:44	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	96349	98213	95433	96665	1.47	cps
Krypton	83-1	530	563	457	517	10.56	cps
Lead	206-1	3484	3551	3456	3497	1.39	cps
Lead	207-1	3050	3100	2856	3002	4.30	cps
Lead	208-1	13297	13803	13786	13629	2.11	cps
Lithium	6-1	2425762	2425610	2432188	2427854	0.15	cps
Magnesium	24-2	4123302	4162640	4108747	4131563	0.67	cps
Manganese	55-2	879828	871658	867760	873082	0.71	cps
Molybdenum	94-1	2184	2175	1959	2106	6.06	cps
Molybdenum	95-1	3067	3242	3259	3189	3.33	cps
Molybdenum	96-1	3359	3384	3476	3406	1.80	cps
Molybdenum	97-1	1825	1792	1909	1842	3.26	cps
Molybdenum	98-1	5293	5059	5084	5146	2.49	cps
Neodymium	150-1	107	187	120	138	31.11	cps
Neodymium	150-2	57	97	90	81	26.42	cps
Nickel	60-2	1107	1140	1250	1166	6.44	cps
Phosphorus	31-2	1217	1300	1175	1231	5.17	cps
Potassium	39-2	808636	809231	800531	806133	0.60	cps
Rhodium	103-1	5749079	5773791	5785916	5769596	0.33	cps
Rhodium	103-2	3463633	3450732	3449214	3454526	0.23	cps
Scandium	45-1	3621490	3628888	3616610	3622329	0.17	cps
Scandium	45-2	272814	276117	275099	274676	0.62	cps
Selenium	82-1	8	-14	121	38	188.26	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	72	74	81	76	6.45	cps
Silicon	28-1	21280973	21305710	21515685	21367456	0.60	cps
Silver	107-1	233	308	267	269	13.95	cps
Silver	109-1	183	233	158	192	19.92	cps
Sodium	23-2	24213096	23987639	23889911	24030215	0.69	cps
Strontium	86-1	415120	416774	420929	417607	0.72	cps
Strontium	88-1	3592128	3623731	3681801	3632553	1.25	cps
Sulfur	34-1	929732	922023	928274	926676	0.44	cps
Terbium	159-1	9668784	9842062	9786243	9765696	0.91	cps
Terbium	159-2	5801617	5762983	5784025	5782875	0.33	cps
Thallium	203-1	250	250	175	225	19.24	cps
Thallium	205-1	517	408	525	483	13.47	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-08	Instrumnet Name :	P7
Client Sample ID :	SW-CB-03-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 13:21:44	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	333	1057	661	684	52.96	cps
Tin	118-1	933	983	967	961	2.65	cps
Titanium	47-1	2042	1750	1725	1839	9.58	cps
Uranium	238-1	5960	5868	6102	5977	1.97	cps
Vanadium	51-2	2670	2507	2604	2594	3.17	cps
Yttrium	89-1	10442947	10377918	10521555	10447474	0.69	cps
Yttrium	89-2	2263068	2266683	2264729	2264827	0.08	cps
Zinc	66-2	13733	13660	13560	13651	0.64	cps
Zirconium	90-1	1050	1325	1133	1170	12.07	cps
Zirconium	91-1	283	225	317	275	16.87	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-10	Instrumnet Name :	P7
Client Sample ID :	SW-CB-02-(0.3)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 13:24:51	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4793	6071	4734	5199	14.53	cps
Antimony	121-1	1342	1367	1333	1347	1.29	cps
Arsenic	75-2	269	276	294	280	4.78	cps
Barium	135-1	107756	110914	113409	110693	2.56	cps
Barium	137-1	194593	194300	196750	195214	0.69	cps
Beryllium	9-1	94	106	144	115	22.87	cps
Bismuth	209-1	6579774	6587576	6656884	6608078	0.64	cps
Bismuth	209-2	4387345	4359524	4373320	4373396	0.32	cps
Boron	10-1	26173	26632	27175	26660	1.88	cps
Boron	11-1	120796	127643	129031	125823	3.50	cps
Bromine	81-1	44051	50781	54838	49890	10.92	cps
Bromine	81-2	8071	8361	8551	8328	2.91	cps
Cadmium	111-1	839	866	829	845	2.30	cps
Cadmium	106-1	3976	4209	4109	4098	2.86	cps
Cadmium	108-1	21	13	38	24	53.92	cps
Calcium	43-1	752103	756252	761516	756624	0.62	cps
Calcium	44-1	11554970	11613890	11801866	11656909	1.11	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1507	1517	1237	1420	11.19	cps
Cobalt	59-2	573	680	580	611	9.78	cps
Copper	63-2	4838	4928	4854	4873	0.98	cps
Dysprosium	156-1	158	108	158	142	20.38	cps
Dysprosium	156-2	137	133	93	121	19.91	cps
Erbium	164-1	300	267	167	244	28.39	cps
Erbium	164-2	153	110	140	134	16.51	cps
Gadolinium	160-1	333	183	242	253	29.91	cps
Gadolinium	160-2	187	170	190	182	5.88	cps
Holmium	165-1	9721215	9867523	9812613	9800450	0.75	cps
Holmium	165-2	5946205	5949878	5929631	5941905	0.18	cps
Indium	115-1	6783789	6674951	6816999	6758580	1.10	cps
Indium	115-2	1916496	1911688	1903491	1910558	0.34	cps
Iron	56-2	419756	433017	425937	426237	1.56	cps
Iron	57-2	15353	15703	15119	15392	1.91	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-10	Instrumnet Name :	P7
Client Sample ID :	SW-CB-02-(0.3)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 13:24:51	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	23282	23072	23062	23139	0.54	cps
Krypton	83-1	577	520	500	532	7.47	cps
Lead	206-1	2811	2589	2739	2713	4.18	cps
Lead	207-1	2128	2350	2239	2239	4.96	cps
Lead	208-1	10785	10568	10563	10639	1.19	cps
Lithium	6-1	2419395	2446786	2451144	2439108	0.71	cps
Magnesium	24-2	3162390	3112630	3104878	3126633	1.00	cps
Manganese	55-2	231380	230987	231482	231283	0.11	cps
Molybdenum	94-1	1917	1900	1825	1881	2.60	cps
Molybdenum	95-1	2767	2375	2642	2595	7.71	cps
Molybdenum	96-1	2575	2892	2750	2739	5.79	cps
Molybdenum	97-1	1508	1650	1600	1586	4.53	cps
Molybdenum	98-1	3909	3876	4034	3940	2.12	cps
Neodymium	150-1	120	127	160	136	15.81	cps
Neodymium	150-2	63	50	80	64	23.32	cps
Nickel	60-2	973	1003	1017	998	2.22	cps
Phosphorus	31-2	1600	1367	1258	1408	12.40	cps
Potassium	39-2	764670	755943	765431	762015	0.69	cps
Rhodium	103-1	5804438	5842643	5881612	5842898	0.66	cps
Rhodium	103-2	3476384	3462988	3458213	3465862	0.27	cps
Scandium	45-1	3625347	3639206	3686655	3650402	0.88	cps
Scandium	45-2	276583	276751	275703	276346	0.20	cps
Selenium	82-1	39	1	41	27	83.50	cps
Selenium	77-2	0	3	7	3	100.05	cps
Selenium	78-2	124	74	70	90	33.52	cps
Silicon	28-1	20375187	20522033	20868915	20588711	1.23	cps
Silver	107-1	258	225	225	236	8.15	cps
Silver	109-1	183	133	258	192	32.82	cps
Sodium	23-2	23714972	23171550	23011485	23299336	1.58	cps
Strontium	86-1	391567	399072	398139	396259	1.03	cps
Strontium	88-1	3412853	3454145	3490199	3452399	1.12	cps
Sulfur	34-1	778238	778272	779338	778616	0.08	cps
Terbium	159-1	9650608	9624884	9875622	9717038	1.42	cps
Terbium	159-2	5791862	5800191	5754059	5782037	0.43	cps
Thallium	203-1	192	175	283	217	26.92	cps
Thallium	205-1	458	475	492	475	3.51	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	M3817-10	Instrumnet Name :	P7
Client Sample ID :	SW-CB-02-(0.3)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 13:24:51	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	372	256	261	296	22.21	cps
Tin	118-1	1067	950	800	939	14.24	cps
Titanium	47-1	1458	1634	1717	1603	8.23	cps
Uranium	238-1	3876	4251	4192	4106	4.92	cps
Vanadium	51-2	3574	3537	3384	3498	2.88	cps
Yttrium	89-1	10499319	10474589	10605315	10526408	0.66	cps
Yttrium	89-2	2273796	2281990	2252633	2269473	0.67	cps
Zinc	66-2	13750	13293	13503	13515	1.69	cps
Zirconium	90-1	933	1258	858	1017	20.92	cps
Zirconium	91-1	175	325	150	217	43.69	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	CCV08	Instrumnet Name :	P7
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 13:57:25	DataFile Name :	075CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6183524	6152117	6194415	6176685	0.36	cps
Antimony	121-1	3544783	3549915	3540991	3545229	0.13	cps
Arsenic	75-2	148839	148568	149409	148938	0.29	cps
Barium	135-1	4235120	4330876	4194833	4253610	1.64	cps
Barium	137-1	7463516	7520893	7368158	7450855	1.04	cps
Beryllium	9-1	737279	742166	720752	733399	1.53	cps
Bismuth	209-1	6017048	6105084	5905837	6009323	1.66	cps
Bismuth	209-2	3919647	3947770	3974783	3947400	0.70	cps
Boron	10-1	93236	97202	96977	95805	2.33	cps
Boron	11-1	434212	451682	449864	445252	2.16	cps
Bromine	81-1	4734	5902	4976	5204	11.84	cps
Bromine	81-2	90	50	90	77	30.12	cps
Cadmium	111-1	917024	923117	902306	914149	1.17	cps
Cadmium	106-1	110334	110536	106112	108994	2.29	cps
Cadmium	108-1	71650	73426	72680	72586	1.23	cps
Calcium	43-1	4747601	4740976	4638540	4709039	1.30	cps
Calcium	44-1	72578012	72913989	70901295	72131099	1.49	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1283373	1288141	1285803	1285772	0.19	cps
Cobalt	59-2	2085246	2103934	2092631	2093937	0.45	cps
Copper	63-2	14513181	14606016	14442178	14520459	0.57	cps
Dysprosium	156-1	917	908	767	864	9.76	cps
Dysprosium	156-2	550	550	493	531	6.16	cps
Erbium	164-1	167	308	250	242	29.46	cps
Erbium	164-2	143	147	130	140	6.30	cps
Gadolinium	160-1	1067	892	950	970	9.19	cps
Gadolinium	160-2	640	580	643	621	5.74	cps
Holmium	165-1	9381686	9532230	9131218	9348378	2.17	cps
Holmium	165-2	5587912	5635773	5640873	5621519	0.52	cps
Indium	115-1	6173030	6230458	6105295	6169594	1.02	cps
Indium	115-2	1722917	1730529	1729590	1727679	0.24	cps
Iron	56-2	287826895	288171518	290748895	288915769	0.55	cps
Iron	57-2	7292277	7252205	7281223	7275235	0.28	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	CCV08	Instrumnet Name :	P7
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 13:57:25	DataFile Name :	075CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	15672511	15612390	15661365	15648755	0.20	cps
Krypton	83-1	550	533	497	527	5.18	cps
Lead	206-1	17641604	17620463	17167741	17476603	1.53	cps
Lead	207-1	15481089	15693682	15078500	15417757	2.03	cps
Lead	208-1	71062307	71605075	68848412	70505265	2.07	cps
Lithium	6-1	2292038	2312532	2173353	2259308	3.33	cps
Magnesium	24-2	67045122	66542608	66659958	66749229	0.39	cps
Manganese	55-2	9677629	9666315	9657880	9667274	0.10	cps
Molybdenum	94-1	6757660	6759591	6691173	6736141	0.58	cps
Molybdenum	95-1	8277963	8258206	8116141	8217437	1.07	cps
Molybdenum	96-1	9151292	9153344	9043413	9116016	0.69	cps
Molybdenum	97-1	5166033	5167455	5091560	5141683	0.84	cps
Molybdenum	98-1	13331698	13467312	13124336	13307782	1.30	cps
Neodymium	150-1	340	440	540	440	22.73	cps
Neodymium	150-2	117	90	103	103	12.90	cps
Nickel	60-2	576720	578987	583545	579750	0.60	cps
Phosphorus	31-2	59159	58155	58632	58649	0.86	cps
Potassium	39-2	29098653	28899277	29058350	29018760	0.36	cps
Rhodium	103-1	5292132	5313143	5208875	5271383	1.05	cps
Rhodium	103-2	3057341	3075865	3072176	3068460	0.32	cps
Scandium	45-1	3530314	3538350	3436918	3501861	1.61	cps
Scandium	45-2	256256	256838	258501	257198	0.45	cps
Selenium	82-1	56772	57724	56231	56909	1.33	cps
Selenium	77-2	4447	3964	4131	4181	5.87	cps
Selenium	78-2	14326	14505	14485	14439	0.68	cps
Silicon	28-1	2425633	2535055	2590445	2517045	3.33	cps
Silver	107-1	4462420	4564060	4456048	4494176	1.35	cps
Silver	109-1	4331412	4366770	4309911	4336031	0.66	cps
Sodium	23-2	112170669	112833740	112745590	112583333	0.32	cps
Strontium	86-1	10426959	10567783	10219738	10404826	1.68	cps
Strontium	88-1	90593523	91278304	88177110	90016312	1.81	cps
Sulfur	34-1	641692	634874	639604	638723	0.55	cps
Terbium	159-1	9347158	9550489	9121600	9339749	2.30	cps
Terbium	159-2	5463956	5507976	5451508	5474480	0.54	cps
Thallium	203-1	4142161	4250550	4088722	4160478	1.98	cps
Thallium	205-1	10198900	10256631	10011952	10155828	1.26	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	CCV08	Instrumnet Name :	P7
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 13:57:25	DataFile Name :	075CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	15802965	16282732	15582499	15889399	2.25	cps
Tin	118-1	2957578	2977160	2879425	2938054	1.76	cps
Titanium	47-1	2145509	2156215	2121916	2141213	0.82	cps
Uranium	238-1	15011093	15468139	14625600	15034944	2.81	cps
Vanadium	51-2	1073489	1072563	1072923	1072991	0.04	cps
Yttrium	89-1	10115603	10081646	9907443	10034897	1.11	cps
Yttrium	89-2	2118543	2139908	2139136	2132529	0.57	cps
Zinc	66-2	2401706	2399980	2401514	2401066	0.04	cps
Zirconium	90-1	5769422	5750086	5650933	5723480	1.11	cps
Zirconium	91-1	1268950	1265769	1247356	1260691	0.92	cps

LB Number : LB116409 Operator : JASWAL
 Lab Sample ID : CCB08 Instrumnet Name : P7
 Client Sample ID : CCB08 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-21 14:05:40 DataFile Name : 076CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108	117	117	114	4.22	cps
Antimony	121-1	675	550	708	644	12.95	cps
Arsenic	75-2	11	6	4	7	56.78	cps
Barium	135-1	33	33	33	33	0.00	cps
Barium	137-1	92	58	108	86	29.56	cps
Beryllium	9-1	94	72	56	74	26.34	cps
Bismuth	209-1	6444949	6479864	6531810	6485541	0.67	cps
Bismuth	209-2	4293763	4355145	4373839	4340916	0.97	cps
Boron	10-1	1283	1408	1383	1358	4.87	cps
Boron	11-1	6885	6435	6885	6735	3.86	cps
Bromine	81-1	5593	6844	6510	6315	10.25	cps
Bromine	81-2	80	60	90	77	19.92	cps
Cadmium	111-1	716	693	726	712	2.41	cps
Cadmium	106-1	3584	3434	3634	3551	2.93	cps
Cadmium	108-1	54	33	25	38	40.07	cps
Calcium	43-1	125	183	175	161	19.58	cps
Calcium	44-1	5168	5201	4868	5079	3.62	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	827	780	760	789	4.34	cps
Cobalt	59-2	40	60	93	64	41.81	cps
Copper	63-2	1073	913	933	973	8.96	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	0	3	13	6	124.93	cps
Erbium	164-1	50	50	42	47	10.18	cps
Erbium	164-2	37	40	40	39	4.94	cps
Gadolinium	160-1	25	50	33	36	35.25	cps
Gadolinium	160-2	103	107	123	111	9.65	cps
Holmium	165-1	9397837	9316038	9364176	9359350	0.44	cps
Holmium	165-2	5760228	5805753	5804023	5790001	0.45	cps
Indium	115-1	6698962	6782240	6719953	6733718	0.64	cps
Indium	115-2	1926803	1933351	1904769	1921641	0.78	cps
Iron	56-2	6307	6479	6485	6424	1.57	cps
Iron	57-2	217	172	150	180	18.90	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	CCB08	Instrumnet Name :	P7
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 14:05:40	DataFile Name :	076CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	861	931	1161	984	15.96	cps
Krypton	83-1	567	600	447	538	15.00	cps
Lead	206-1	1900	2039	1995	1978	3.59	cps
Lead	207-1	1917	1867	1700	1828	6.21	cps
Lead	208-1	8134	8635	8296	8355	3.06	cps
Lithium	6-1	2441621	2505499	2486743	2477954	1.33	cps
Magnesium	24-2	1008	842	842	897	10.73	cps
Manganese	55-2	137	137	173	149	14.22	cps
Molybdenum	94-1	425	325	383	378	13.30	cps
Molybdenum	95-1	242	150	92	161	46.93	cps
Molybdenum	96-1	275	258	242	258	6.45	cps
Molybdenum	97-1	58	117	100	92	32.77	cps
Molybdenum	98-1	308	275	283	289	6.00	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	143	183	113	147	23.95	cps
Phosphorus	31-2	533	542	392	489	17.24	cps
Potassium	39-2	36629	35092	32211	34644	6.48	cps
Rhodium	103-1	5917759	5899913	5883022	5900231	0.29	cps
Rhodium	103-2	3547552	3519565	3491830	3519649	0.79	cps
Scandium	45-1	3728659	3663937	3666013	3686203	1.00	cps
Scandium	45-2	281572	282316	275382	279757	1.36	cps
Selenium	82-1	-51	-52	83	-7	-1190.82	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	70	67	72	70	4.05	cps
Silicon	28-1	196033	179918	181862	185938	4.73	cps
Silver	107-1	258	308	200	256	21.22	cps
Silver	109-1	325	183	158	222	40.45	cps
Sodium	23-2	26908	24921	23878	25236	6.10	cps
Strontium	86-1	1033	867	925	942	8.98	cps
Strontium	88-1	975	900	833	903	7.85	cps
Sulfur	34-1	351094	331247	334864	339068	3.12	cps
Terbium	159-1	9425662	9406132	9492299	9441364	0.48	cps
Terbium	159-2	5634340	5722024	5666782	5674382	0.78	cps
Thallium	203-1	525	350	433	436	20.07	cps
Thallium	205-1	983	1017	1075	1025	4.53	cps

LB Number :	LB116409	Operator :	JASWAL
Lab Sample ID :	CCB08	Instrumnet Name :	P7
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2021-09-21 14:05:40	DataFile Name :	076CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	478	417	394	430	10.04	cps
Tin	118-1	675	733	667	692	5.25	cps
Titanium	47-1	83	67	42	64	32.83	cps
Uranium	238-1	142	100	158	133	22.54	cps
Vanadium	51-2	3	10	23	12	83.33	cps
Yttrium	89-1	10463732	10451245	10513323	10476100	0.31	cps
Yttrium	89-2	2318390	2290467	2253553	2287470	1.42	cps
Zinc	66-2	400	413	433	416	4.04	cps
Zirconium	90-1	1000	792	792	861	13.97	cps
Zirconium	91-1	158	117	133	136	15.41	cps