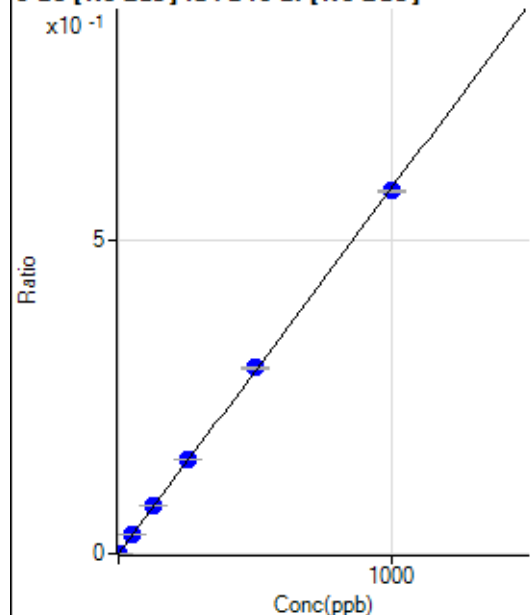


Batch Folder: C:\Agilent\ICPMH\1\DATA\P7052121MS.b\
Analysis File: P7052121MS.batch.bin
DA Date-Time: 2021-05-21 16:34:50
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2021-05-21 07:33:09
2	005CALS.d	S01	2021-05-21 07:39:31
3	007CALS.d	S02	2021-05-21 07:45:48
4	008CALS.d	S03	2021-05-21 07:48:57
5	009CALS.d	S04	2021-05-21 07:52:06
6	010CALS.d	S05	2021-05-21 07:55:13
7	011CALS.d	S06	2021-05-21 07:58:16
8	012CALS.d	S07	2021-05-21 08:01:14
9	013CALS.d	S08	2021-05-21 08:04:11

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	51.86	0.0000	P	25.1
2	☐	0.100	0.103	177.78	0.0001	P	32.7
3	☐	1.000	1.064	1372.31	0.0006	P	8.0
4	☐	50.000	52.348	64891.59	0.0305	P	1.0
5	☐	125.000	130.222	159452.49	0.0758	P	0.5
6	☐	250.000	257.457	310990.04	0.1499	P	0.1
7	☐	500.000	508.973	600243.07	0.2963	P	0.5
8	☐	1000.000	992.879	1168426.00	0.5781	P	0.5
9	☐			792.63	0.0004	P	8.0

$$y = 5.8217\text{E-}004 * x + 2.4138\text{E-}005$$

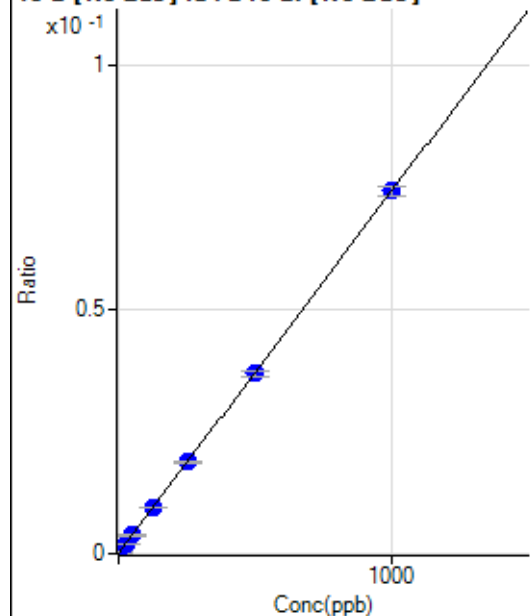
$$R = 0.9999$$

$$DL = 0.03125$$

$$BEC = 0.04146$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	122.23	0.0001	P	56.7
2	☐	2.500	2.867	569.47	0.0003	P	12.8
3	☐	25.000	24.565	4011.75	0.0019	P	3.0
4	☐	50.000	50.257	8055.12	0.0038	P	7.7
5	☐	125.000	126.792	19913.55	0.0095	P	2.7
6	☐	250.000	251.939	38919.90	0.0188	P	3.2
7	☐	500.000	497.254	74895.99	0.0370	P	2.9
8	☐	1000.000	1000.662	150280.19	0.0744	P	2.7
9	☐			4775.87	0.0024	P	4.4

$$y = 7.4246\text{E-}005 * x + 5.6837\text{E-}005$$

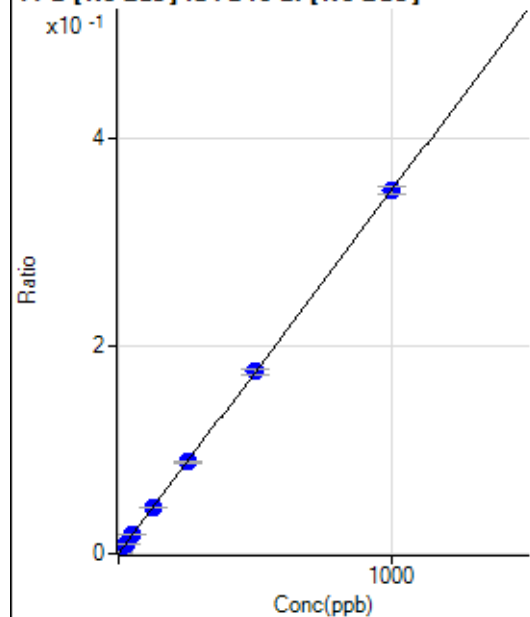
$$R = 1.0000$$

$$DL = 1.303$$

$$BEC = 0.7655$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	525.02	0.0002	P	20.0
2	☐	2.500	2.610	2444.70	0.0012	P	3.7
3	☐	25.000	24.913	19112.43	0.0090	P	2.1
4	☐	50.000	50.264	37925.74	0.0178	P	2.2
5	☐	125.000	126.764	93758.17	0.0446	P	2.5
6	☐	250.000	252.028	183402.84	0.0884	P	2.4
7	☐	500.000	500.639	355261.27	0.1754	P	2.6
8	☐	1000.000	998.942	706821.44	0.3497	P	2.1
9	☐			21877.51	0.0109	P	10.2

$$y = 3.4983\text{E-}004 * x + 2.4434\text{E-}004$$

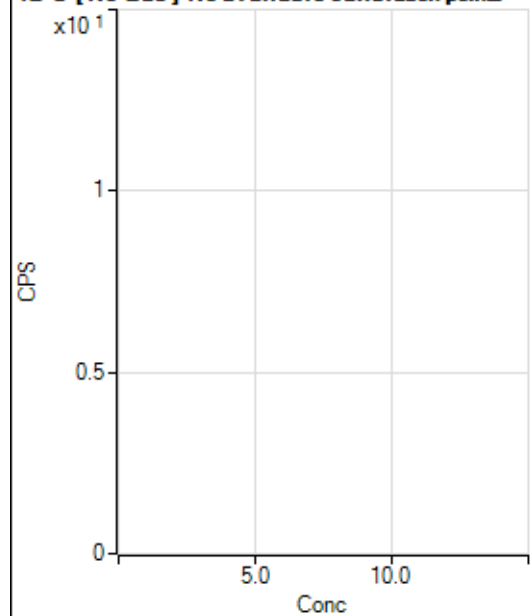
$$R = 1.0000$$

$$DL = 0.42$$

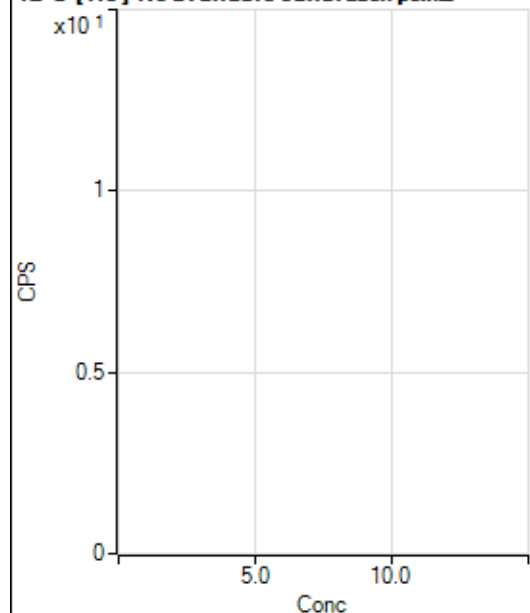
$$BEC = 0.6984$$

Weight: <None>

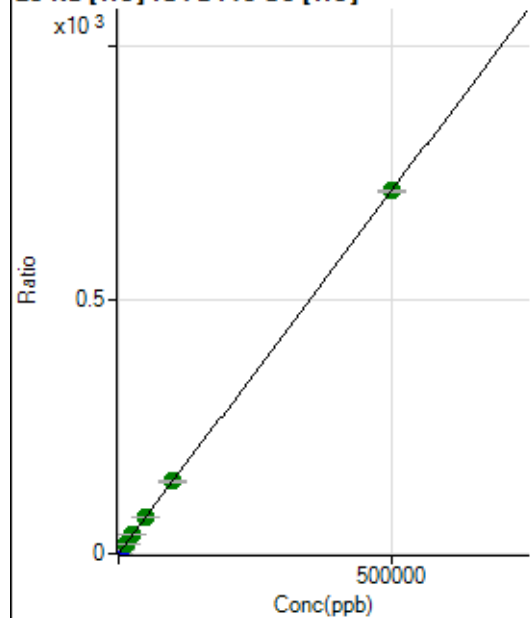
Min Conc: 0

12 C [No Gas] No available calibration points

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						
9	☐						

12 C [He] No available calibration points

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

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	24626.11	0.0699	P	1.8
2	☐	50.000	55.858	52857.65	0.1498	P	1.6
3	☐	500.000	511.288	286160.07	0.8012	P	0.8
4	☐	5000.000	5130.752	2632530.44	7.4088	P	0.3
5	☐	12500.000	12767.742	6503817.33	18.3325	A	0.7
6	☐	25000.000	25513.843	12787277.02	36.5641	A	0.3
7	☐	50000.000	50248.156	24980030.07	71.9434	A	0.5
8	☐	100000.00	99821.790	49907062.23	142.8520	A	1.4
9	☐	500000.00	499977.12	250624555.6	715.2222	A	0.8

$$y = 0.0014 * x + 0.0699$$

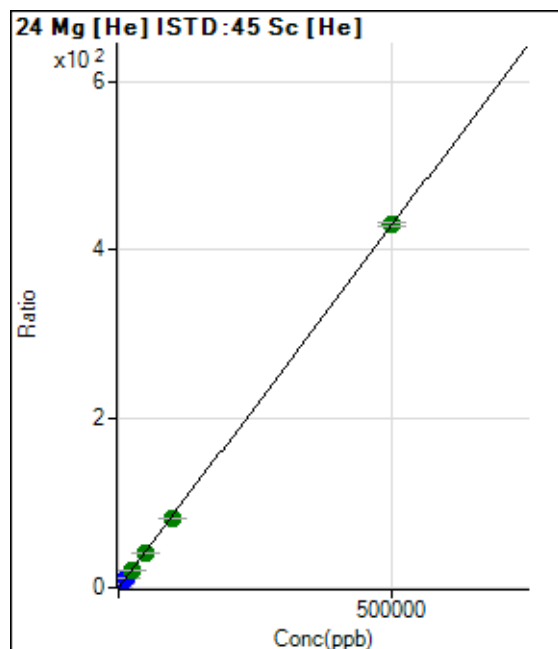
$$R = 1.0000$$

$$DL = 2.703$$

$$BEC = 48.87$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	494.47	0.0014	P	17.3
2	☐	50.000	50.982	15936.55	0.0452	P	3.1
3	☐	500.000	495.598	152439.19	0.4268	P	0.7
4	☐	5000.000	5027.143	1533849.43	4.3167	P	0.1
5	☐	12500.000	12455.651	3793530.60	10.6933	P	0.3
6	☐	25000.000	24826.900	7453590.71	21.3126	A	1.3
7	☐	50000.000	48525.619	14463411.43	41.6555	A	0.8
8	☐	100000.00	96297.415	28879972.87	82.6625	A	0.7
9	☐	500000.00	500897.45	150666285.3	429.9684	A	1.1

$$y = 8.5839\text{E-}004 * x + 0.0014$$

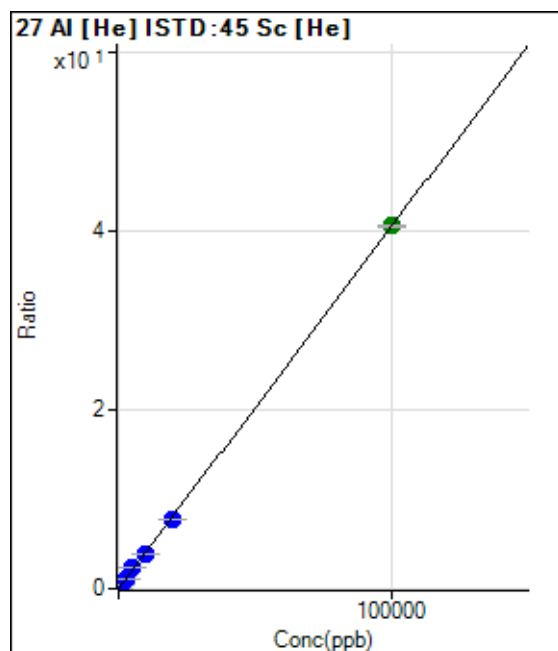
$$R = 1.0000$$

$$DL = 0.8473$$

$$BEC = 1.635$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	77.78	0.0002	P	26.9
2	☐	2.000	2.333	411.13	0.0012	P	15.8
3	☐	20.000	21.481	3186.54	0.0089	P	5.9
4	☐	1000.000	995.091	143288.33	0.4033	P	0.7
5	☐	2500.000	2475.844	355824.56	1.0030	P	0.5
6	☐	5000.000	5906.559	836716.36	2.3925	P	0.4
7	☐	10000.000	9696.854	1363776.34	3.9277	P	0.6
8	☐	20000.000	19105.296	2703468.14	7.7383	P	1.4
9	☐	100000.00	100164.58	14216130.01	40.5693	A	0.4

$$y = 4.0502\text{E-}004 * x + 2.2073\text{E-}004$$

$$R = 0.9999$$

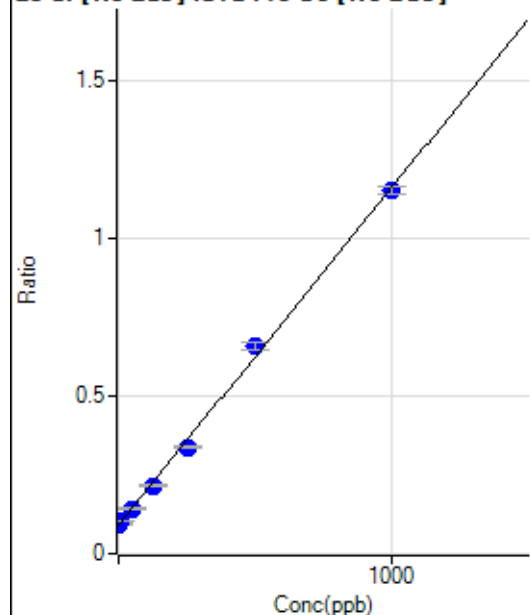
$$DL = 0.4405$$

$$BEC = 0.545$$

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	358962.99	0.0911	P	0.6
2	☐	1.000	3.089	369325.70	0.0943	P	0.9
3	☐	10.000	9.265	397419.65	0.1009	P	0.7
4	☐	50.000	48.664	567847.60	0.1430	P	1.5
5	☐	125.000	116.775	851019.18	0.2157	P	1.3
6	☐	250.000	230.827	1326053.66	0.3374	P	1.4
7	☐	500.000	530.423	2535379.11	0.6572	P	2.9
8	☐	1000.000	990.682	4439266.20	1.1485	P	2.0
9	☐			418167.09	0.1079	P	2.1

$$y = 0.0011 * x + 0.0911$$

$$R = 0.9992$$

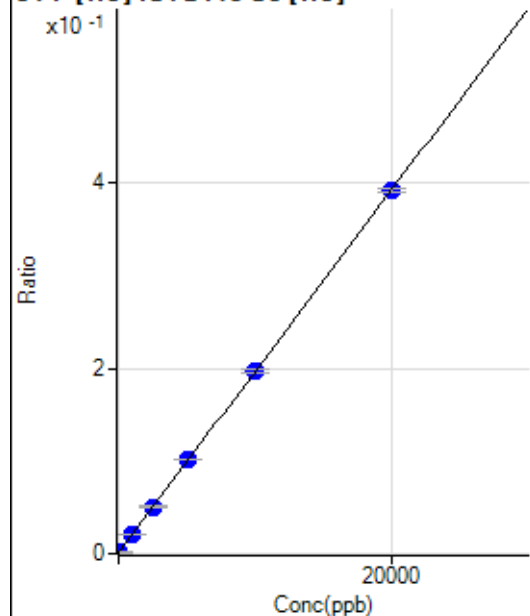
$$DL = 1.421$$

$$BEC = 85.3$$

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	-5.914	313.90	0.0009	P	19.0
2	☐	0.000	1.280	363.90	0.0010	P	14.5
3	☐	0.000	4.634	391.69	0.0011	P	15.2
4	☐	1000.000	1029.207	7518.75	0.0212	P	3.8
5	☐	2500.000	2522.252	17877.69	0.0504	P	2.1
6	☐	5000.000	5140.128	35548.45	0.1016	P	1.3
7	☐	10000.000	10016.870	68448.59	0.1971	P	1.4
8	☐	20000.000	19952.291	136833.20	0.3917	P	0.9
9	☐			513.91	0.0015	P	2.2

$$y = 1.9579E-005 * x + 0.0010$$

$$R = 1.0000$$

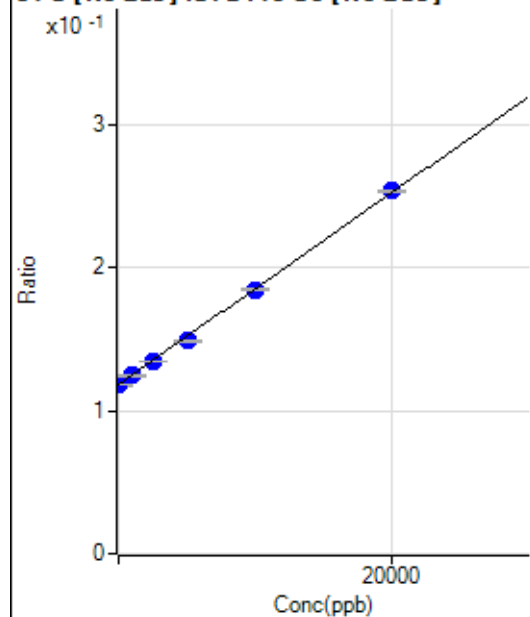
$$DL = 24.77$$

$$BEC = 51.37$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-23.678	466328.15	0.1183	P	1.2
2	☐	0.000	6.284	463828.37	0.1185	P	1.1
3	☐	0.000	17.393	466821.85	0.1186	P	0.5
4	☐	1000.000	931.995	495190.53	0.1247	P	0.6
5	☐	2500.000	2404.891	530965.00	0.1346	P	0.4
6	☐	5000.000	4579.511	586154.88	0.1492	P	0.7
7	☐	10000.000	9882.572	712504.03	0.1847	P	0.6
8	☐	20000.000	20179.125	980764.72	0.2537	P	0.3
9	☐			418932.19	0.1081	P	2.3

$$y = 6.7042\text{E-}006 * x + 0.1184$$

$$R = 0.9997$$

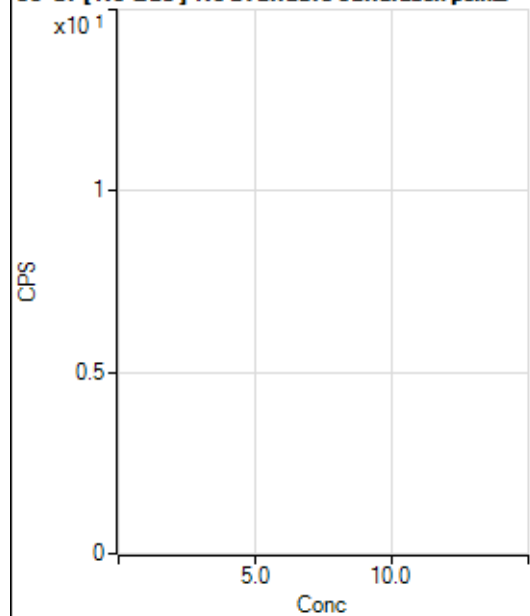
$$DL = 503$$

$$BEC = 1.767\text{E}+04$$

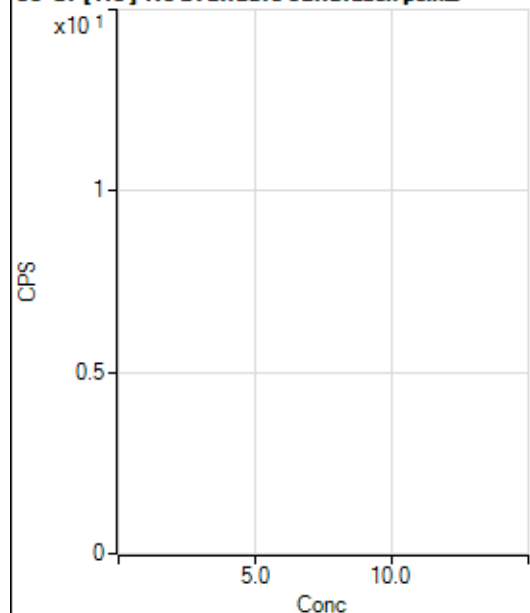
Weight: <None>

Min Conc: 0

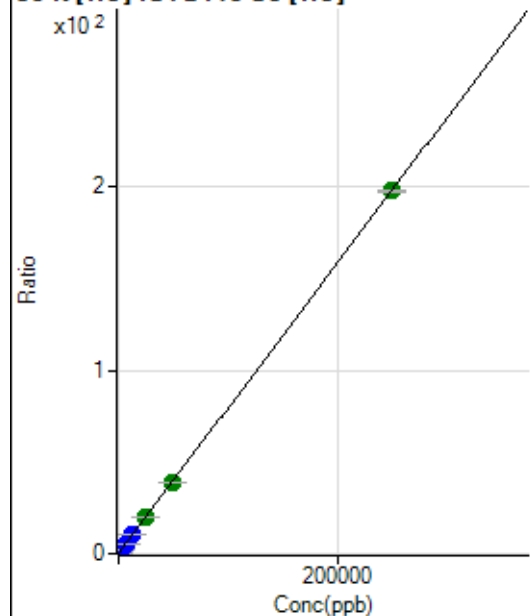
35 Cl [No Gas] No available calibration points



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

35 Cl [He] No available calibration points

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

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	57706.65	0.1638	P	2.5
2	☐	50.000	59.288	74366.66	0.2107	P	0.2
3	☐	500.000	518.743	205136.75	0.5744	P	0.5
4	☐	2500.000	2713.005	821174.32	2.3110	P	1.1
5	☐	6250.000	6680.452	1933746.46	5.4510	P	1.1
6	☐	12500.000	13382.126	3761222.48	10.7549	P	0.3
7	☐	25000.000	24831.770	6880730.63	19.8166	A	0.1
8	☐	50000.000	49479.126	13738853.60	39.3233	A	0.2
9	☐	250000.00	250063.96	69409055.72	198.0732	A	0.6

$$y = 7.9143\text{E-}004 * x + 0.1638$$

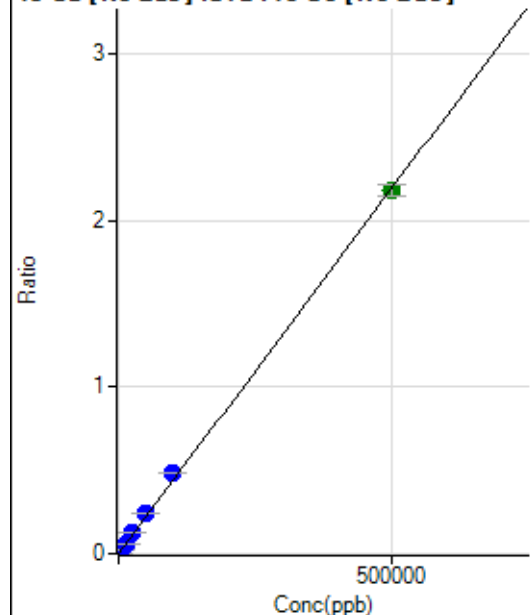
$$R = 1.0000$$

$$DL = 15.51$$

$$BEC = 207$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	177.78	0.0000	P	24.6
2	☐	50.000	53.361	1091.74	0.0003	P	2.6
3	☐	500.000	538.686	9469.95	0.0024	P	3.9
4	☐	5000.000	5717.256	99639.71	0.0251	P	0.6
5	☐	12500.000	14115.311	244150.15	0.0619	P	0.7
6	☐	25000.000	28201.077	485674.48	0.1236	P	0.9
7	☐	50000.000	56229.007	950395.05	0.2464	P	0.6
8	☐	100000.00	110940.21	1878697.29	0.4860	P	0.6
9	☐	500000.00	496981.40	8439466.25	2.1772	A	3.0

$$y = 4.3808\text{E-}006 * x + 4.5131\text{E-}005$$

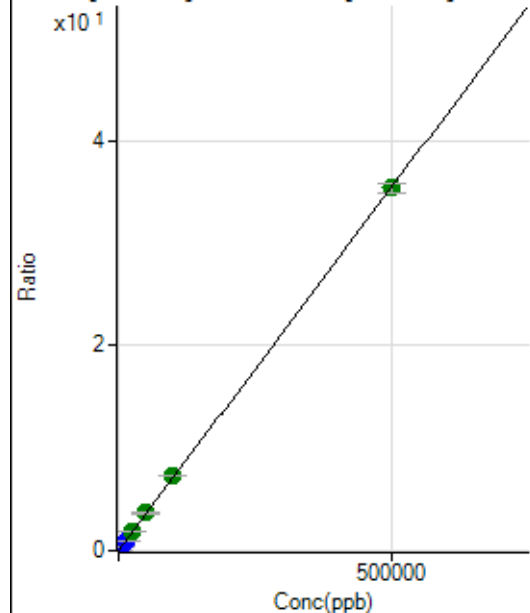
$$R = 0.9997$$

$$DL = 7.609$$

$$BEC = 10.3$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	12002.06	0.0030	P	2.6
2	☐	50.000	59.274	28381.19	0.0073	P	2.1
3	☐	500.000	541.600	163293.18	0.0415	P	0.1
4	☐	5000.000	5548.867	1575622.41	0.3968	P	0.7
5	☐	12500.000	13720.430	3853141.81	0.9766	P	0.8
6	☐	25000.000	25836.813	7216809.00	1.8363	A	1.1
7	☐	50000.000	51739.200	14173862.30	3.6742	A	1.1
8	☐	100000.00	102813.69	28209932.20	7.2983	A	0.3
9	☐	500000.00	499185.45	137318104.1	35.4232	A	2.4

$$y = 7.0956\text{E-}005 * x + 0.0030$$

$$R = 1.0000$$

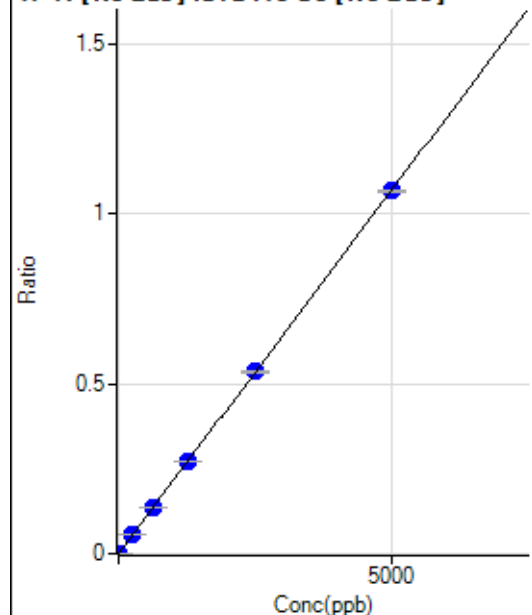
$$DL = 3.399$$

$$BEC = 42.91$$

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	86.11	0.0000	P	37.1
2	☐	0.500	0.502	505.58	0.0001	P	11.0
3	☐	5.000	5.089	4367.44	0.0011	P	1.1
4	☐	250.000	253.132	214879.33	0.0541	P	0.6
5	☐	625.000	634.374	534902.67	0.1356	P	0.2
6	☐	1250.000	1269.167	1065823.76	0.2712	P	0.6
7	☐	2500.000	2501.954	2062367.49	0.5346	P	0.2
8	☐	5000.000	4992.903	4123791.11	1.0669	P	0.5
9	☐			2503.07	0.0006	P	6.6

$$y = 2.1368\text{E-}004 * x + 2.1879\text{E-}005$$

$$R = 1.0000$$

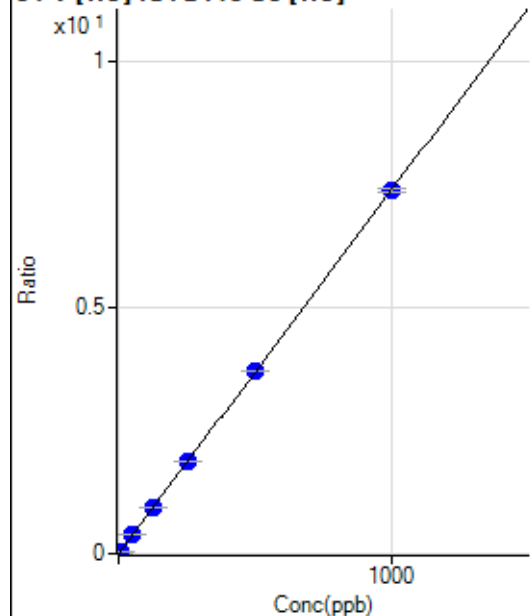
$$DL = 0.1139$$

$$BEC = 0.1024$$

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	7.78	0.0000	P	23.7
2	☐	0.500	0.541	1420.08	0.0040	P	6.0
3	☐	5.000	5.069	13398.39	0.0375	P	1.5
4	☐	50.000	51.099	134308.23	0.3780	P	1.7
5	☐	125.000	126.225	331252.22	0.9337	P	0.3
6	☐	250.000	254.342	657973.82	1.8814	P	0.8
7	☐	500.000	501.952	1289258.36	3.7131	P	0.3
8	☐	1000.000	997.730	2578508.66	7.3804	P	1.0
9	☐			1266.74	0.0036	P	10.2

$$y = 0.0074 * x + 2.2052\text{E-}005$$

$$R = 1.0000$$

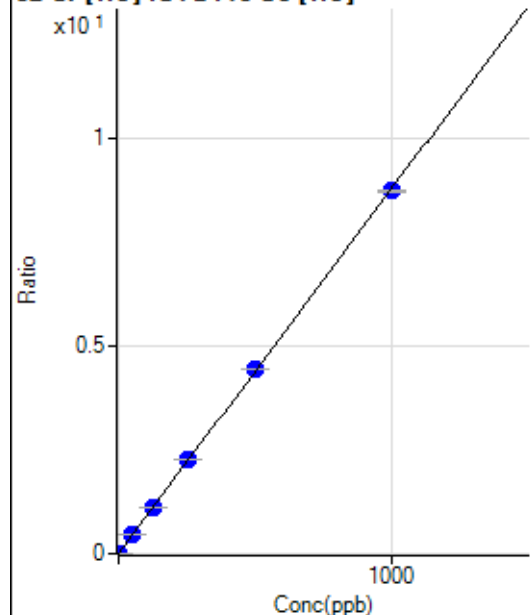
$$DL = 0.002121$$

$$BEC = 0.002981$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1345.63	0.0038	P	4.5
2	☐	0.200	0.219	2027.94	0.0057	P	5.6
3	☐	2.000	2.106	7965.55	0.0223	P	2.7
4	☐	50.000	51.892	163211.28	0.4594	P	1.1
5	☐	125.000	127.674	398952.47	1.1246	P	0.9
6	☐	250.000	257.152	790794.07	2.2612	P	0.4
7	☐	500.000	506.795	1546078.31	4.4527	P	0.5
8	☐	1000.000	994.385	3051058.32	8.7330	P	0.7
9	☐			21739.42	0.0620	P	1.9

$$y = 0.0088 * x + 0.0038$$

$$R = 0.9999$$

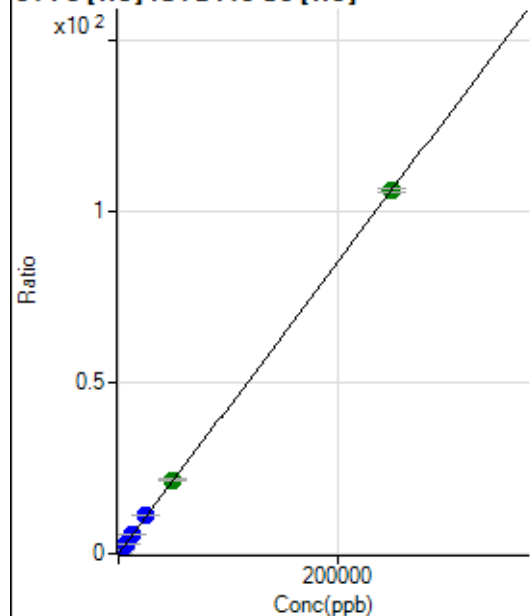
$$DL = 0.05821$$

$$BEC = 0.4352$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	987.72	0.0028	P	17.7
2	☐	5.000	6.341	1938.79	0.0055	P	7.0
3	☐	50.000	56.942	9629.74	0.0270	P	1.8
4	☐	2500.000	2714.690	410195.89	1.1545	P	1.9
5	☐	6250.000	6723.732	1012974.07	2.8554	P	0.7
6	☐	12500.000	13402.104	1989488.17	5.6888	P	0.3
7	☐	25000.000	26295.172	3874576.47	11.1588	P	0.2
8	☐	50000.000	50838.144	7536501.60	21.5715	A	1.3
9	☐	250000.00	249643.75	37115647.67	105.9170	A	1.1

$$y = 4.2426E-004 * x + 0.0028$$

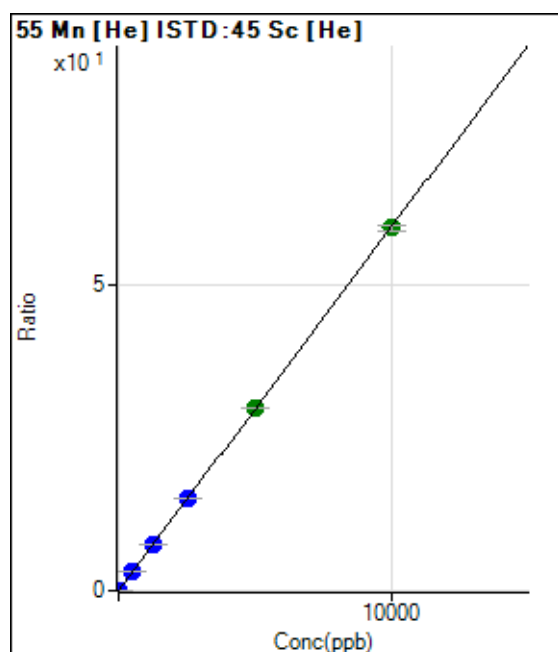
$$R = 1.0000$$

$$DL = 3.519$$

$$BEC = 6.608$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	97.78	0.0003	P	14.7
2	☒	0.100					
3	☐	1.000	1.028	2286.87	0.0064	P	3.4
4	☐	500.000	514.976	1089993.38	3.0680	P	2.1
5	☐	1250.000	1271.133	2686377.49	7.5724	P	0.2
6	☐	2500.000	2536.252	5283813.43	15.1086	P	0.1
7	☐	5000.000	5030.446	10405104.29	29.9665	A	0.4
8	☐	10000.000	9972.324	20754501.77	59.4050	A	1.3
9	☐			18007.78	0.0514	P	6.0

$$y = 0.0060 * x + 2.7779E-004$$

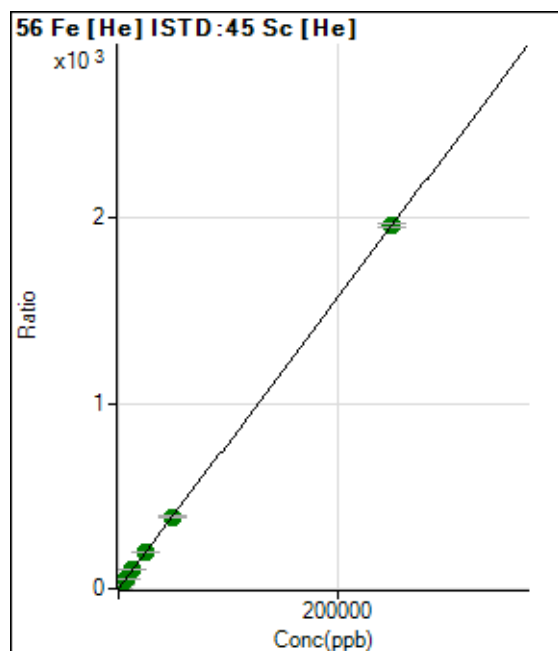
$$R = 1.0000$$

$$DL = 0.02052$$

$$BEC = 0.04663$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5519.63	0.0157	P	3.4
2	☐	5.000	5.467	20623.93	0.0584	P	0.6
3	☐	50.000	52.845	153275.71	0.4292	P	0.3
4	☐	2500.000	2529.427	7037404.67	19.8079	A	2.1
5	☐	6250.000	6270.191	17411287.43	49.0786	A	0.2
6	☐	12500.000	12729.986	34840985.96	99.6251	A	0.6
7	☐	25000.000	25144.737	68322609.86	196.7679	A	0.6
8	☐	50000.000	49619.561	135656534.5	388.2781	A	0.4
9	☐	250000.00	250049.31	685617185.6	1,956.598	A	1.1

$$y = 0.0078 * x + 0.0157$$

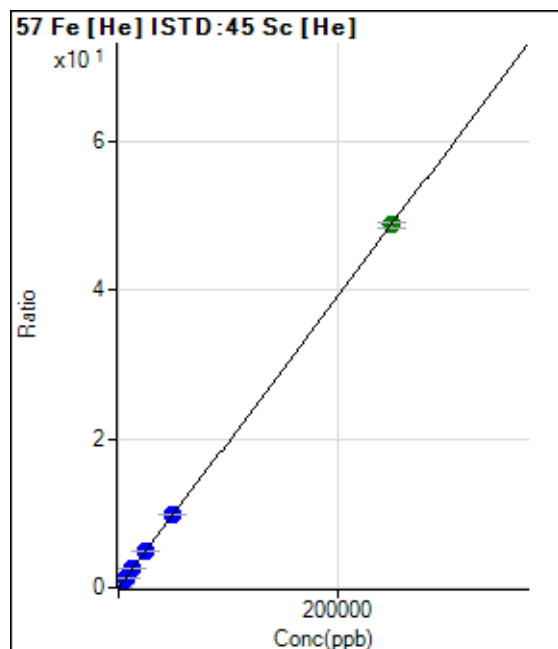
$$R = 1.0000$$

$$DL = 0.2023$$

$$BEC = 2.003$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	175.93	0.0005	P	18.6
2	☐	5.000	5.972	587.06	0.0017	P	8.5
3	☐	50.000	52.975	3867.24	0.0108	P	6.4
4	☐	2500.000	2614.801	181280.82	0.5102	P	2.1
5	☐	6250.000	6514.553	450706.17	1.2705	P	0.8
6	☐	12500.000	13088.426	892490.03	2.5520	P	0.1
7	☐	25000.000	25566.205	1730715.49	4.9845	P	0.1
8	☐	50000.000	50303.936	3426335.99	9.8069	P	0.2
9	☐	250000.00	249845.40	17067217.28	48.7063	A	1.3

$$y = 1.9494\text{E-}004 * x + 4.9970\text{E-}004$$

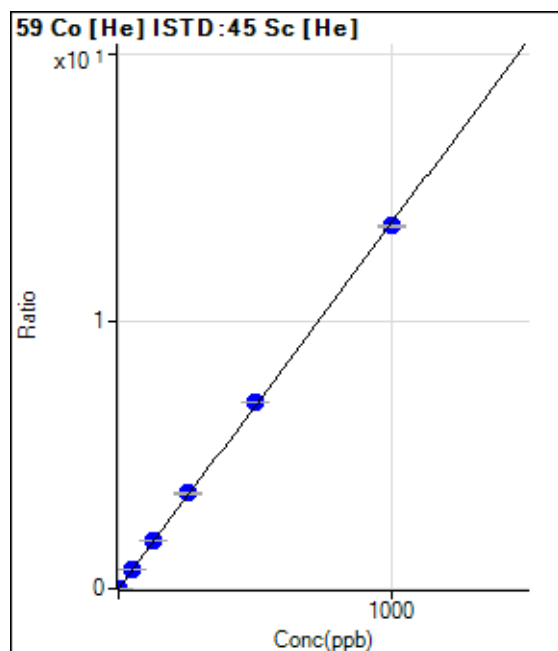
$$R = 1.0000$$

$$DL = 1.427$$

$$BEC = 2.563$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	116.67	0.0003	P	18.3
2	☐	0.100	0.113	662.24	0.0019	P	10.0
3	☐	1.000	1.050	5253.21	0.0147	P	1.9
4	☐	50.000	52.529	255755.99	0.7198	P	1.2
5	☐	125.000	130.018	631891.21	1.7812	P	0.5
6	☐	250.000	260.508	1247986.26	3.5685	P	0.3
7	☐	500.000	508.776	2419797.39	6.9690	P	0.1
8	☐	1000.000	992.231	4748274.37	13.5909	P	0.8
9	☐			8662.63	0.0247	P	3.9

$$y = 0.0137 * x + 3.3135\text{E-}004$$

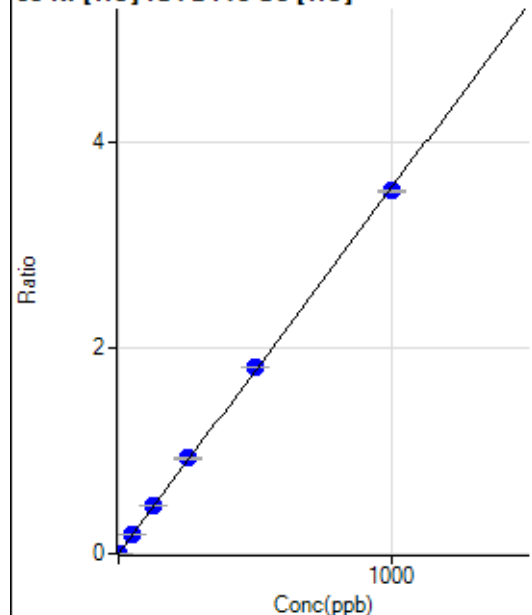
$$R = 0.9999$$

$$DL = 0.01325$$

$$BEC = 0.02419$$

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	157.78	0.0004	P	11.9
2	☐	0.100	0.119	307.79	0.0009	P	7.0
3	☐	1.000	1.086	1542.32	0.0043	P	3.4
4	☐	50.000	52.655	66811.17	0.1880	P	1.6
5	☐	125.000	129.861	164285.60	0.4631	P	0.9
6	☐	250.000	260.491	324710.24	0.9285	P	0.3
7	☐	500.000	509.810	630802.26	1.8167	P	0.6
8	☐	1000.000	991.732	1234565.51	3.5336	P	0.6
9	☐			4688.58	0.0134	P	2.4

$$y = 0.0036 * x + 4.4754E-004$$

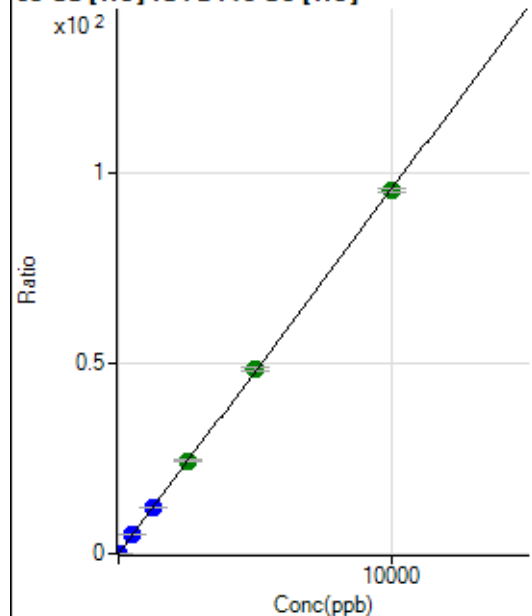
$$R = 0.9999$$

$$DL = 0.04467$$

$$BEC = 0.1256$$

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	764.47	0.0022	P	11.5
2	☒	0.200					
3	☐	2.000	2.114	7997.81	0.0224	P	3.7
4	☐	500.000	519.010	1765097.68	4.9677	P	0.8
5	☐	1250.000	1265.274	4295261.22	12.1075	P	0.2
6	☐	2500.000	2553.359	8544121.89	24.4310	A	0.5
7	☐	5000.000	5062.979	16819468.36	48.4414	A	1.1
8	☐	10000.000	9952.311	33266765.89	95.2194	A	1.0
9	☐			30782.39	0.0878	P	3.5

$$y = 0.0096 * x + 0.0022$$

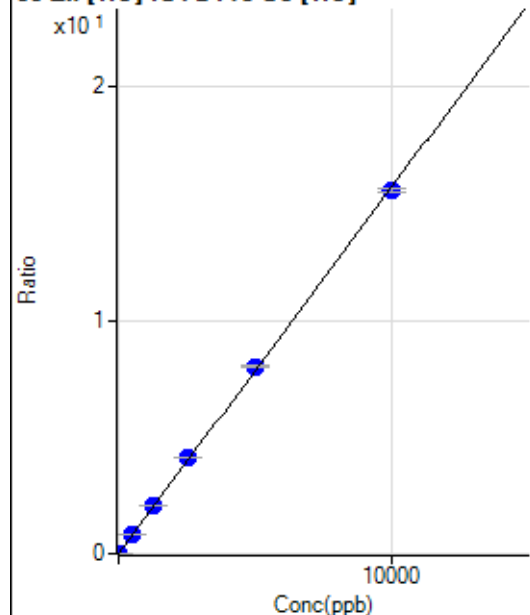
$$R = 1.0000$$

$$DL = 0.07823$$

$$BEC = 0.2269$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	261.12	0.0007	P	12.1
2	☒	0.200					
3	☐	2.000	2.470	1647.89	0.0046	P	3.5
4	☐	500.000	536.413	299145.75	0.8419	P	0.1
5	☐	1250.000	1319.823	734463.17	2.0703	P	0.7
6	☐	2500.000	2633.845	1444644.70	4.1308	P	0.2
7	☐	5000.000	5106.042	2780324.61	8.0074	P	0.7
8	☐	10000.000	9902.969	5425517.83	15.5294	P	0.9
9	☐			15785.28	0.0450	P	0.7

$$y = 0.0016 * x + 7.4067E-004$$

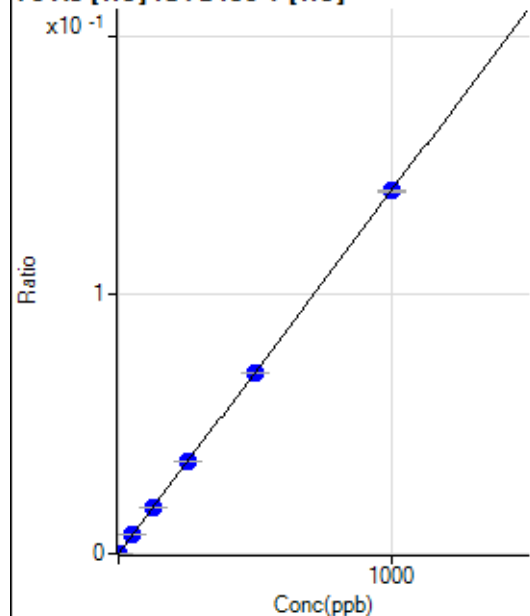
$$R = 0.9998$$

$$DL = 0.1719$$

$$BEC = 0.4723$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	11.73	0.0000	P	59.8
2	☐	0.100	0.075	38.27	0.0000	P	12.6
3	☐	1.000	1.005	372.23	0.0001	P	7.5
4	☐	50.000	50.911	18162.57	0.0071	P	2.1
5	☐	125.000	127.569	45426.03	0.0179	P	1.1
6	☐	250.000	253.483	90017.61	0.0355	P	0.2
7	☐	500.000	498.789	176074.26	0.0699	P	0.3
8	☐	1000.000	999.368	353987.44	0.1400	P	0.6
9	☐			242.60	0.0001	P	10.6

$$y = 1.4010E-004 * x + 4.6321E-006$$

$$R = 1.0000$$

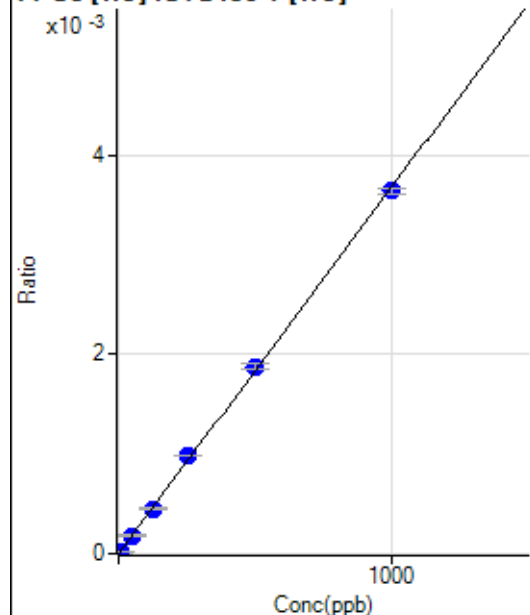
$$DL = 0.05933$$

$$BEC = 0.03306$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500	0.597	5.56	0.0000	P	34.5
3	☐	5.000	5.664	53.33	0.0000	P	37.8
4	☐	50.000	49.187	460.01	0.0002	P	5.9
5	☐	125.000	122.333	1142.28	0.0004	P	5.4
6	☐	250.000	268.901	2504.68	0.0010	P	0.7
7	☐	500.000	510.819	4729.71	0.0019	P	3.4
8	☐	1000.000	990.236	9200.77	0.0036	P	1.9
9	☐			10.00	0.0000	P	88.1

$$y = 3.6753\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9997$$

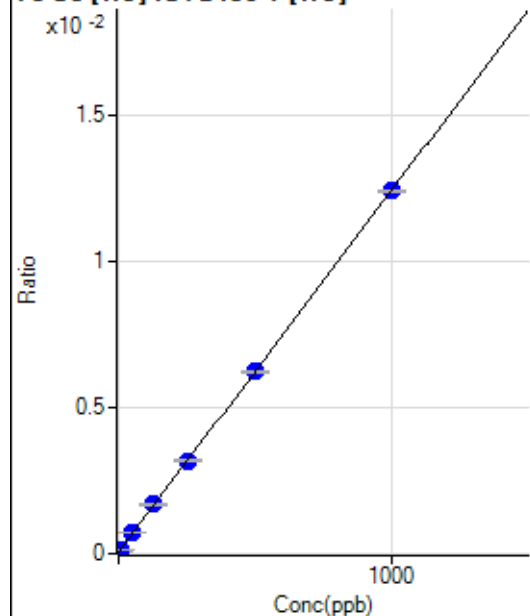
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	166.05	0.0001	P	26.3
2	☐	0.500	-0.187	160.50	0.0001	P	3.7
3	☐	5.000	5.715	349.39	0.0001	P	3.9
4	☐	50.000	53.855	1863.09	0.0007	P	2.0
5	☐	125.000	130.724	4277.19	0.0017	P	1.2
6	☐	250.000	252.236	8075.74	0.0032	P	2.0
7	☐	500.000	499.157	15725.83	0.0062	P	0.8
8	☐	1000.000	998.951	31414.69	0.0124	P	0.6
9	☐			184.57	0.0001	P	6.5

$$y = 1.2373\text{E-}005 * x + 6.5704\text{E-}005$$

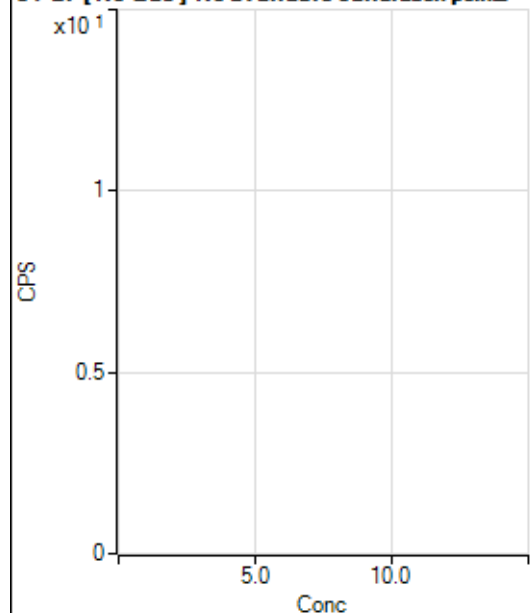
$$R = 1.0000$$

$$DL = 4.182$$

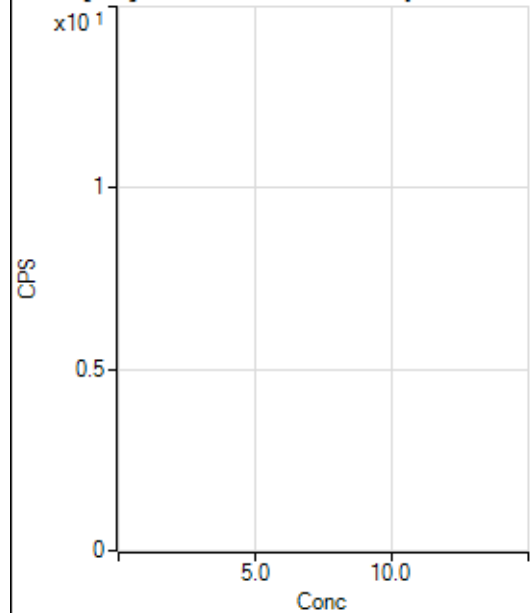
$$BEC = 5.31$$

Weight: <None>

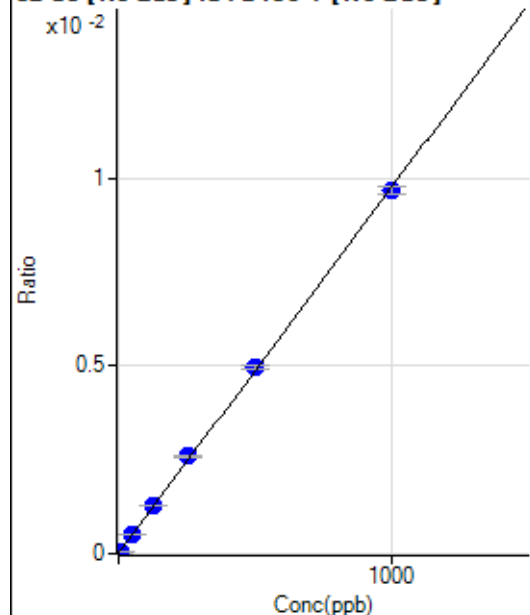
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5176.09		P	2.1
2	☐			5378.94		P	2.0
3	☐			5006.58		P	7.1
4	☐			5139.94		P	1.6
5	☐			5109.40		P	4.3
6	☐			5142.72		P	2.8
7	☐			5492.88		P	2.5
8	☐			5392.83		P	1.0
9	☐			5234.43		P	0.2

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			83.42		P	30.2
2	☐			66.74		P	70.9
3	☐			70.07		P	24.7
4	☐			76.74		P	15.1
5	☐			63.40		P	24.1
6	☐			103.44		P	31.1
7	☐			76.75		P	41.9
8	☐			103.44		P	5.6
9	☐			56.72		P	20.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	76.89	0.0000	P	48.8
2	☒	0.500					
3	☐	5.000	4.740	550.18	0.0001	P	17.6
4	☐	50.000	50.937	5166.23	0.0005	P	4.2
5	☐	125.000	131.897	13238.46	0.0013	P	0.7
6	☐	250.000	265.106	26357.69	0.0026	P	1.0
7	☐	500.000	509.142	50219.31	0.0050	P	1.3
8	☐	1000.000	990.745	100018.28	0.0097	P	2.0
9	☐			104.86	0.0000	P	121.

$$y = 9.7512\text{E-}006 * x + 7.6685\text{E-}006$$

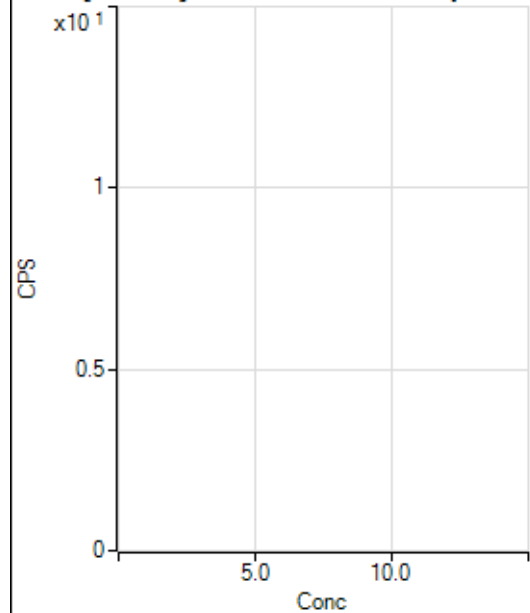
$$R = 0.9998$$

$$DL = 1.152$$

$$BEC = 0.7864$$

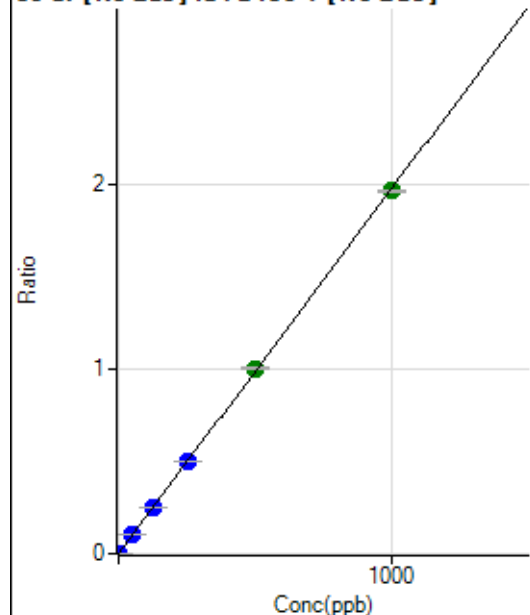
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1986.82		P	1.6
2	☐			2055.73		P	8.7
3	☐			2009.04		P	2.5
4	☐			2112.40		P	3.1
5	☐			2065.73		P	4.3
6	☐			1947.93		P	3.2
7	☐			2036.83		P	3.8
8	☐			2021.28		P	1.5
9	☐			2022.38		P	4.0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	3228.22	0.0003	P	4.5
2	☐	0.100	0.022	3695.02	0.0004	P	5.7
3	☐	1.000	0.108	5473.41	0.0005	P	7.0
4	☐	50.000	51.934	1056943.69	0.1032	P	0.5
5	☐	125.000	127.958	2596308.84	0.2537	P	0.0
6	☐	250.000	253.712	5111356.36	0.5028	P	0.8
7	☐	500.000	508.118	10166419.93	1.0066	A	1.5
8	☐	1000.000	994.548	20381972.85	1.9700	A	0.9
9	☐			16851.91	0.0017	P	2.1

$$y = 0.0020 * x + 3.2167E-004$$

$$R = 0.9999$$

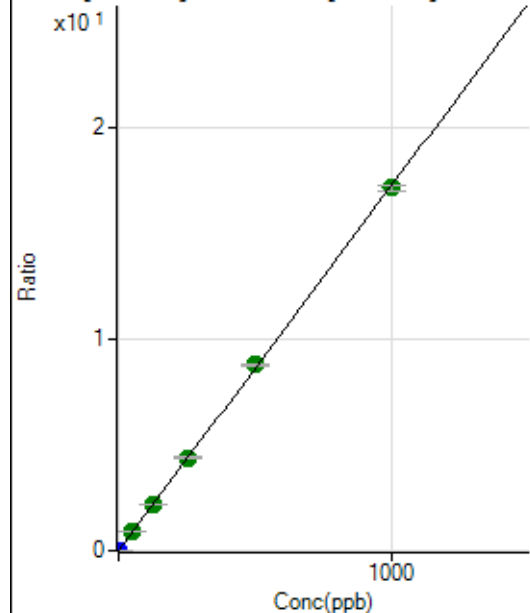
$$DL = 0.02201$$

$$BEC = 0.1624$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	172.23	0.0000	P	32.1
2	☐	0.100	0.011	2072.42	0.0002	P	9.6
3	☐	1.000	0.106	18846.13	0.0018	P	1.7
4	☐	50.000	51.549	9129853.16	0.8913	A	1.6
5	☐	125.000	128.117	22664750.16	2.2151	A	0.7
6	☐	250.000	254.854	44793894.06	4.4063	A	0.7
7	☐	500.000	509.148	88903024.21	8.8028	A	1.6
8	☐	1000.000	993.746	177737299.8	17.1812	A	1.8
9	☐			116837.13	0.0117	P	2.6

$$y = 0.0173 * x + 1.7156E-005$$

$$R = 0.9999$$

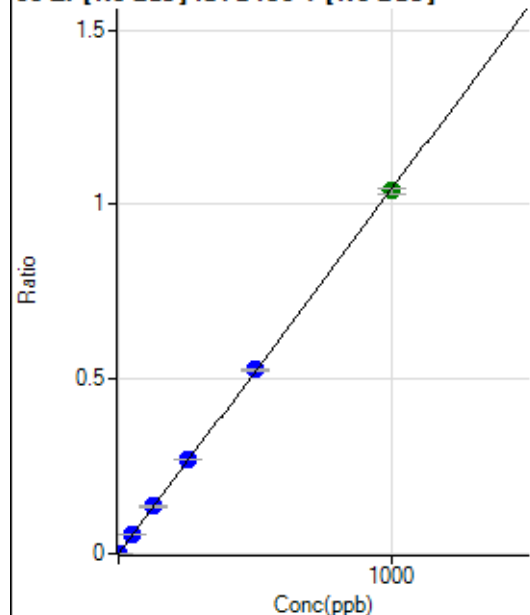
$$DL = 0.0009547$$

$$BEC = 0.0009923$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	608.37	0.0001	P	8.7
2	☐	0.100	0.091	1572.35	0.0002	P	7.6
3	☐	1.000	0.998	11243.61	0.0011	P	4.5
4	☐	50.000	51.512	551226.80	0.0538	P	0.4
5	☐	125.000	129.423	1382372.38	0.1351	P	0.5
6	☐	250.000	257.019	2726861.80	0.2682	P	0.7
7	☐	500.000	504.088	5312830.28	0.5260	P	0.8
8	☐	1000.000	995.573	10747057.27	1.0389	A	1.6
9	☐			6484.98	0.0006	P	5.5

$$y = 0.0010 * x + 6.0627E-005$$

$$R = 1.0000$$

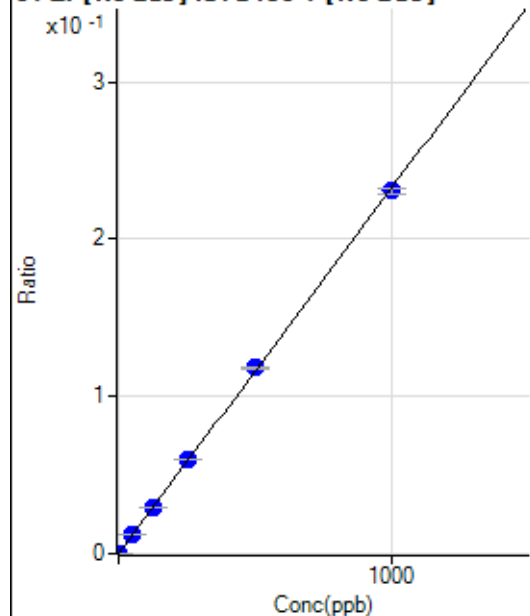
$$DL = 0.01517$$

$$BEC = 0.05811$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	113.89	0.0000	P	37.6
2	☐	0.100	0.086	316.68	0.0000	P	5.5
3	☐	1.000	1.041	2583.63	0.0003	P	9.1
4	☐	50.000	51.139	121749.55	0.0119	P	0.8
5	☐	125.000	128.212	304712.26	0.0298	P	0.3
6	☐	250.000	257.866	608772.09	0.0599	P	0.8
7	☐	500.000	509.312	1194462.46	0.1183	P	0.9
8	☐	1000.000	992.919	2384996.58	0.2306	P	1.9
9	☐			1391.77	0.0001	P	12.8

$$y = 2.3218E-004 * x + 1.1351E-005$$

$$R = 0.9999$$

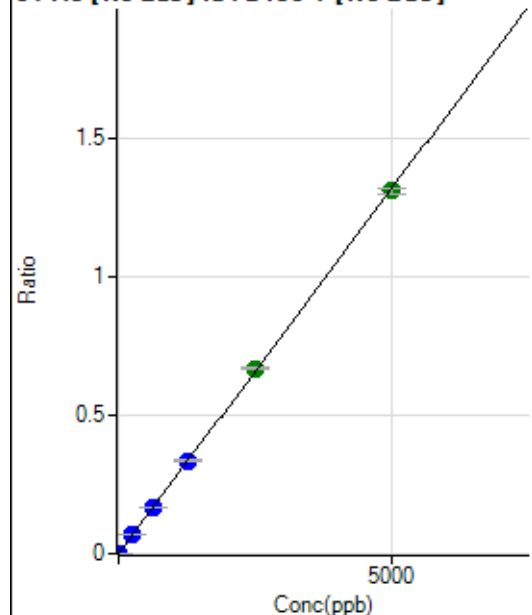
$$DL = 0.05513$$

$$BEC = 0.04889$$

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	266.68	0.0000	P	4.9
2	☐	0.500	0.539	1708.48	0.0002	P	8.6
3	☐	5.000	4.974	13670.74	0.0013	P	1.7
4	☐	250.000	258.525	699230.88	0.0683	P	0.2
5	☐	625.000	641.300	1732035.28	0.1693	P	1.0
6	☐	1250.000	1273.476	3416965.66	0.3361	P	0.8
7	☐	2500.000	2539.084	6768506.75	0.6701	A	0.4
8	☐	5000.000	4972.125	13575416.54	1.3123	A	1.7
9	☐			9272.67	0.0009	P	3.9

$$y = 2.6392E-004 * x + 2.6564E-005$$

$$R = 0.9999$$

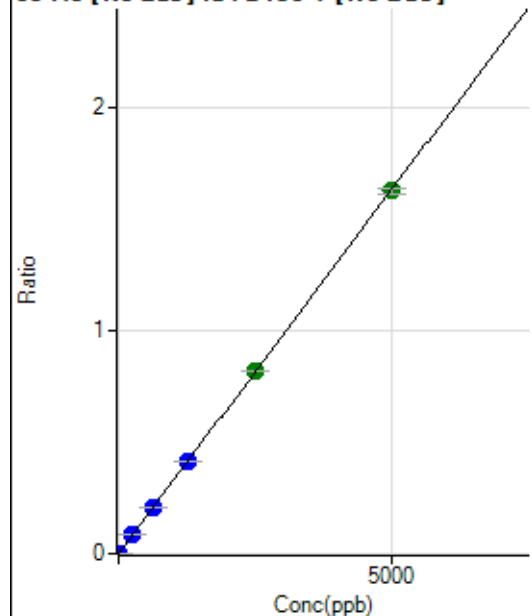
$$DL = 0.01482$$

$$BEC = 0.1007$$

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	16.67	0.0000	P	0.5
2	☐	0.500	0.459	1533.45	0.0002	P	10.9
3	☐	5.000	5.004	16685.16	0.0016	P	0.6
4	☐	250.000	258.901	865586.43	0.0845	P	1.1
5	☐	625.000	642.126	2144306.69	0.2096	P	0.7
6	☐	1250.000	1276.091	4233873.97	0.4165	P	0.4
7	☐	2500.000	2510.716	8276042.98	0.8194	A	0.8
8	☐	5000.000	4985.533	16833041.70	1.6271	A	1.4
9	☐			11880.17	0.0012	P	4.2

$$y = 3.2636E-004 * x + 1.6608E-006$$

$$R = 1.0000$$

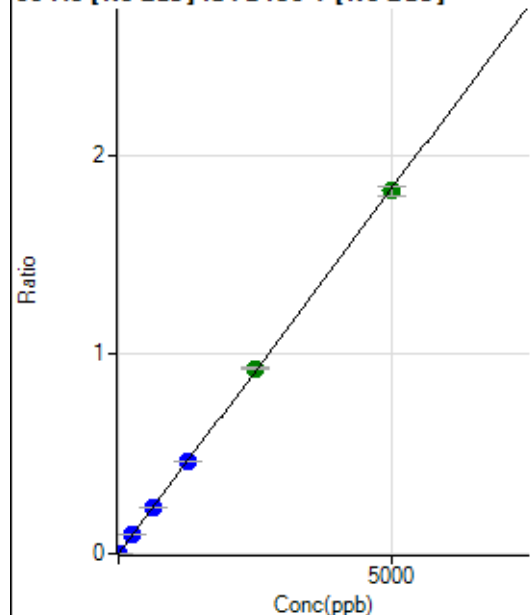
$$DL = 7.979E-05$$

$$BEC = 0.005089$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	100.00	0.0000	P	38.7
2	☐	0.500	0.486	1902.96	0.0002	P	7.7
3	☐	5.000	4.934	18534.69	0.0018	P	3.4
4	☐	250.000	258.231	968364.39	0.0945	P	0.6
5	☐	625.000	642.714	2407168.13	0.2353	P	0.5
6	☐	1250.000	1273.264	4737891.47	0.4661	P	0.5
7	☐	2500.000	2537.984	9382632.07	0.9290	A	0.6
8	☐	5000.000	4972.566	18826636.36	1.8201	A	2.5
9	☐			13907.16	0.0014	P	4.0

$$y = 3.6602\text{E-}004 * x + 9.9755\text{E-}006$$

$$R = 0.9999$$

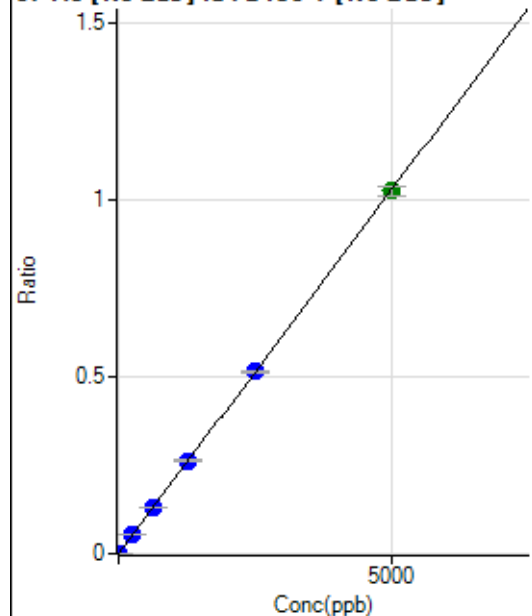
$$DL = 0.03165$$

$$BEC = 0.02725$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	13.89	0.0000	P	91.7
2	☐	0.500	0.500	1052.85	0.0001	P	8.0
3	☐	5.000	5.069	10634.80	0.0010	P	5.8
4	☐	250.000	259.776	546284.77	0.0533	P	0.1
5	☐	625.000	640.029	1344296.38	0.1314	P	0.5
6	☐	1250.000	1281.218	2673616.44	0.2630	P	0.7
7	☐	2500.000	2503.868	5191249.77	0.5140	P	1.0
8	☐	5000.000	4987.894	10590528.62	1.0239	A	2.7
9	☐			7477.17	0.0007	P	2.2

$$y = 2.0527\text{E-}004 * x + 1.3798\text{E-}006$$

$$R = 1.0000$$

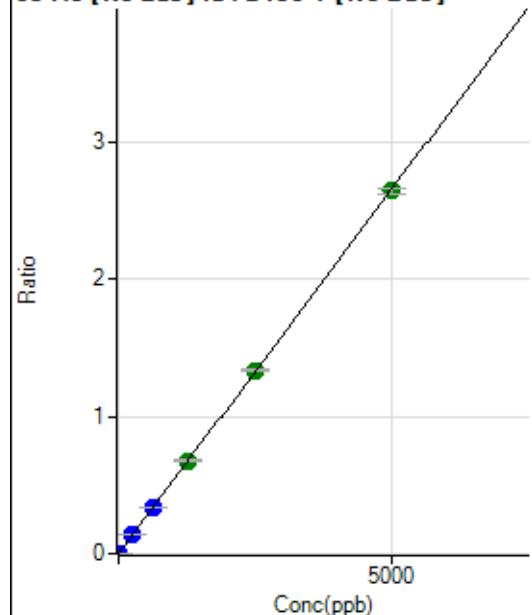
$$DL = 0.01849$$

$$BEC = 0.006722$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	50.00	0.0000	P	43.8
2	☐	0.500	0.501	2742.01	0.0003	P	1.8
3	☐	5.000	4.991	27073.34	0.0027	P	1.3
4	☐	250.000	257.781	1400854.34	0.1367	P	0.6
5	☐	625.000	639.901	3473201.99	0.3394	P	0.9
6	☐	1250.000	1277.365	6888533.75	0.6776	A	0.7
7	☐	2500.000	2520.794	13505719.14	1.3372	A	0.6
8	☐	5000.000	4980.510	27331291.93	2.6420	A	1.7
9	☐			18968.58	0.0019	P	3.7

$$y = 5.3046\text{E-}004 * x + 4.9784\text{E-}006$$

$$R = 1.0000$$

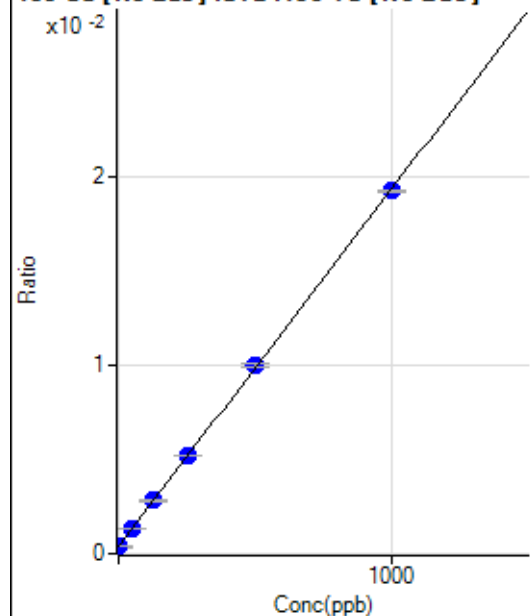
$$DL = 0.01233$$

$$BEC = 0.009385$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3822.85	0.0004	P	3.0
2	☐	0.100	-1.146	3581.12	0.0004	P	4.9
3	☐	1.000	-0.525	3747.84	0.0004	P	7.0
4	☐	50.000	50.758	13498.40	0.0014	P	3.7
5	☐	125.000	127.916	28175.73	0.0028	P	0.8
6	☐	250.000	254.494	52884.96	0.0052	P	0.7
7	☐	500.000	506.726	99329.86	0.0100	P	1.6
8	☐	1000.000	995.112	193610.26	0.0193	P	0.7
9	☐			3714.47	0.0004	P	3.3

$$y = 1.8990\text{E-}005 * x + 3.8749\text{E-}004$$

$$R = 0.9999$$

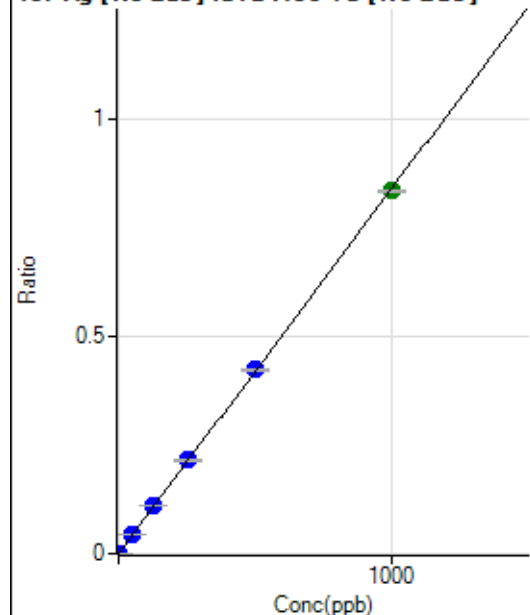
$$DL = 1.829$$

$$BEC = 20.41$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	58.34	0.0000	P	14.4
2	☐	0.100	0.098	863.94	0.0001	P	16.9
3	☐	1.000	1.041	8733.48	0.0009	P	2.4
4	☐	50.000	53.395	447615.62	0.0448	P	0.5
5	☐	125.000	133.111	1117606.31	0.1117	P	0.4
6	☐	250.000	257.367	2188063.64	0.2160	P	1.5
7	☐	500.000	504.401	4200692.98	0.4233	P	1.7
8	☐	1000.000	994.774	8382274.32	0.8349	A	0.6
9	☐			5731.87	0.0006	P	3.8

$$y = 8.3927\text{E-}004 * x + 5.9138\text{E-}006$$

$$R = 0.9999$$

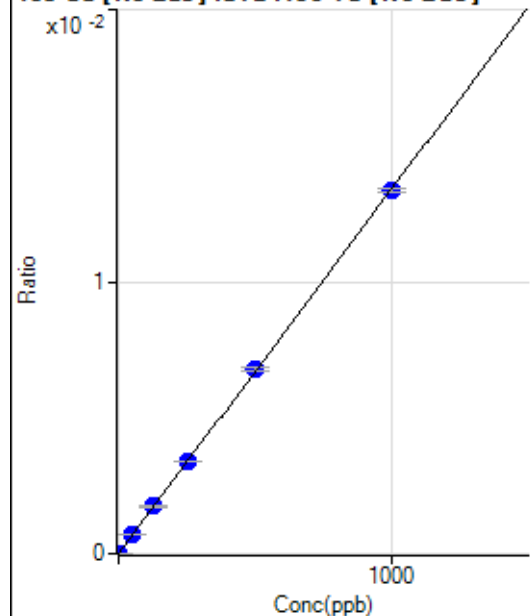
$$DL = 0.003043$$

$$BEC = 0.007046$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	34.72	0.0000	P	7.2
2	☐	0.100	-0.062	26.39	0.0000	P	39.9
3	☐	1.000	0.991	166.67	0.0000	P	6.0
4	☐	50.000	53.391	7178.28	0.0007	P	1.8
5	☐	125.000	130.434	17513.71	0.0018	P	3.4
6	☐	250.000	252.975	34362.29	0.0034	P	1.3
7	☐	500.000	505.495	67225.75	0.0068	P	1.6
8	☐	1000.000	995.660	133937.65	0.0133	P	1.1
9	☐			152.78	0.0000	P	16.9

$$y = 1.3395\text{E-}005 * x + 3.5197\text{E-}006$$

$$R = 1.0000$$

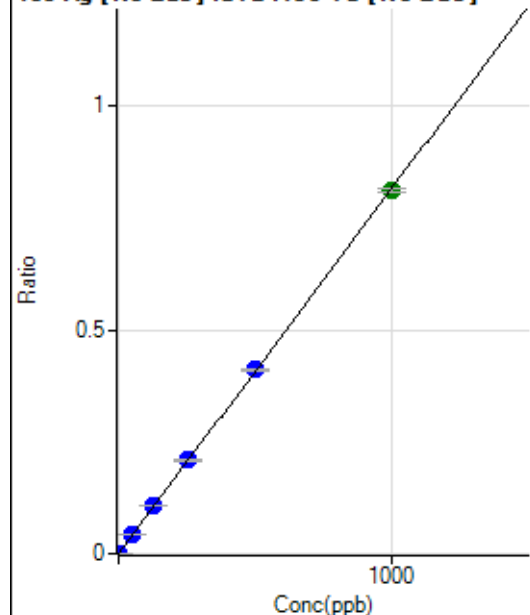
$$DL = 0.057$$

$$BEC = 0.2628$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16.67	0.0000	P	0.3
2	☐	0.100	0.093	761.16	0.0001	P	4.3
3	☐	1.000	1.037	8405.47	0.0008	P	5.3
4	☐	50.000	53.224	433121.09	0.0434	P	0.0
5	☐	125.000	132.547	1080326.38	0.1080	P	1.0
6	☐	250.000	257.551	2125658.62	0.2098	P	1.6
7	☐	500.000	504.957	4082680.26	0.4114	P	1.2
8	☐	1000.000	994.529	8135334.73	0.8103	A	1.0
9	☐			5509.58	0.0006	P	8.3

$$y = 8.1477\text{E-}004 * x + 1.6897\text{E-}006$$

$$R = 0.9999$$

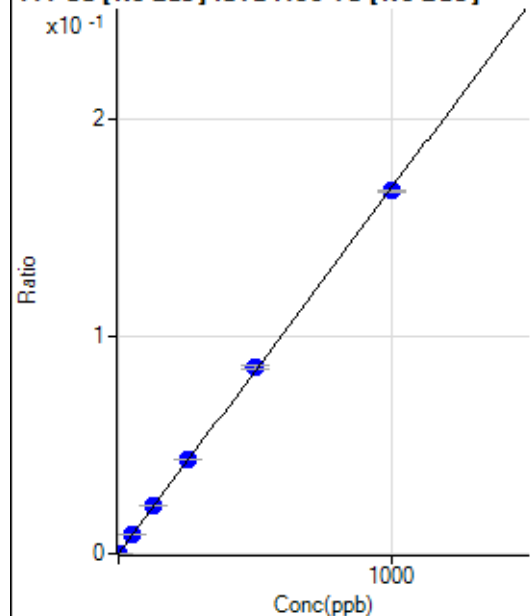
$$DL = 1.951\text{E-}05$$

$$BEC = 0.002074$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	741.66	0.0001	P	3.2
2	☐	0.100	0.090	883.86	0.0001	P	5.6
3	☐	1.000	1.071	2534.44	0.0003	P	5.2
4	☐	50.000	52.764	89397.83	0.0090	P	2.2
5	☐	125.000	130.952	221131.75	0.0221	P	1.1
6	☐	250.000	257.204	439086.61	0.0433	P	1.7
7	☐	500.000	510.047	852218.65	0.0859	P	1.3
8	☐	1000.000	992.293	1676794.10	0.1670	P	0.6
9	☐			1699.89	0.0002	P	4.3

$$y = 1.6824\text{E-}004 * x + 7.5175\text{E-}005$$

$$R = 0.9999$$

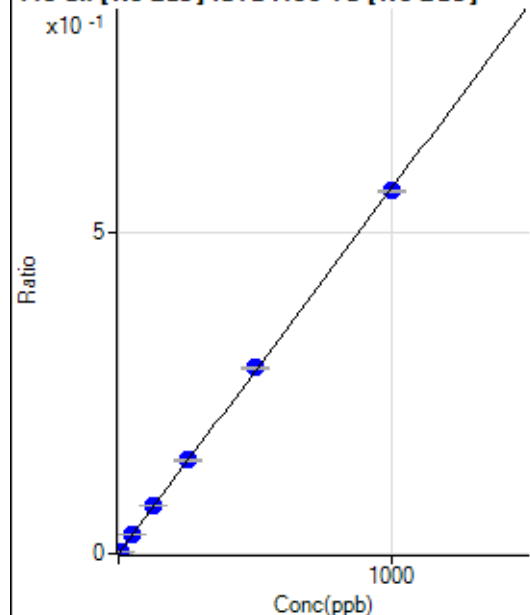
$$DL = 0.04245$$

$$BEC = 0.4468$$

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	491.69	0.0000	P	3.7
2	☐	0.500	0.547	3525.54	0.0004	P	4.6
3	☐	5.000	5.358	30683.95	0.0031	P	3.2
4	☐	50.000	52.906	300355.19	0.0301	P	0.7
5	☐	125.000	131.003	744192.82	0.0744	P	1.3
6	☐	250.000	255.467	1469081.60	0.1450	P	1.7
7	☐	500.000	508.824	2865903.64	0.2888	P	1.3
8	☐	1000.000	993.323	5660194.92	0.5638	P	0.4
9	☐			6209.87	0.0006	P	7.3

$$y = 5.6751E-004 * x + 4.9842E-005$$

$$R = 0.9999$$

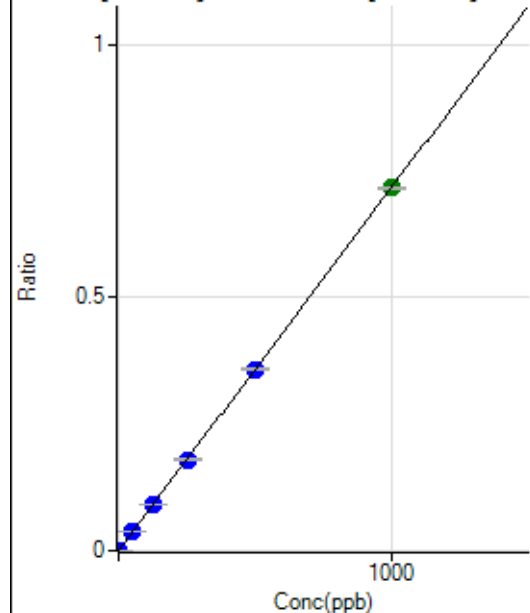
$$DL = 0.009754$$

$$BEC = 0.08783$$

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	86.11	0.0000	P	11.4
2	☐	0.200	0.196	1461.23	0.0001	P	5.1
3	☐	2.000	2.027	14510.61	0.0015	P	2.2
4	☐	50.000	51.562	369117.55	0.0370	P	1.3
5	☐	125.000	128.107	918487.07	0.0918	P	0.5
6	☐	250.000	250.418	1817870.44	0.1795	P	2.2
7	☐	500.000	500.261	3557539.88	0.3585	P	1.8
8	☐	1000.000	999.298	7190149.72	0.7162	A	0.3
9	☐			7468.83	0.0008	P	2.3

$$y = 7.1665E-004 * x + 8.7303E-006$$

$$R = 1.0000$$

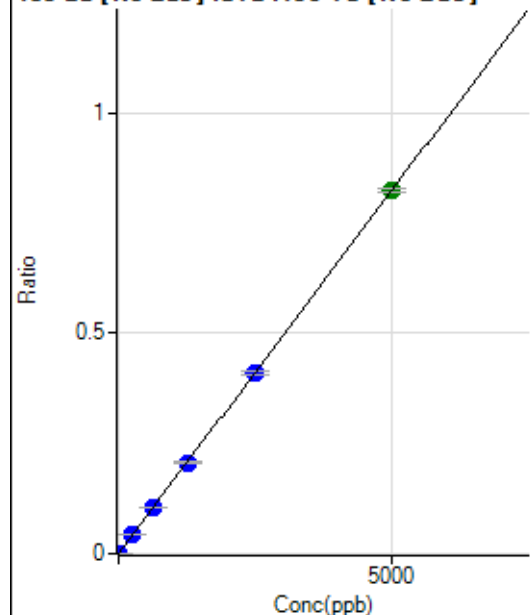
$$DL = 0.004172$$

$$BEC = 0.01218$$

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	17.3
2	☐	1.000	1.059	1733.49	0.0002	P	7.5
3	☐	10.000	10.276	16816.15	0.0017	P	2.7
4	☐	250.000	258.224	424234.70	0.0425	P	0.6
5	☐	625.000	641.417	1055449.82	0.1055	P	1.0
6	☐	1250.000	1258.245	2096563.94	0.2070	P	1.5
7	☐	2500.000	2490.988	4065841.98	0.4097	P	1.8
8	☐	5000.000	4999.981	8257184.82	0.8225	A	1.1
9	☐			6068.16	0.0006	P	5.9

$$y = 1.6449\text{E-}004 * x + 2.8154\text{E-}006$$

$$R = 1.0000$$

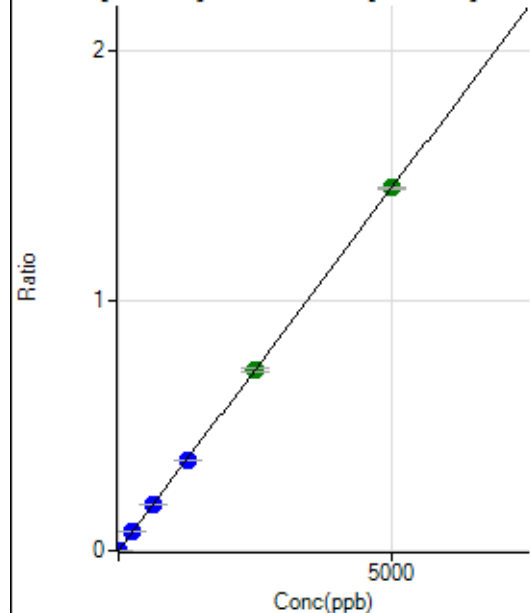
$$DL = 0.008874$$

$$BEC = 0.01712$$

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	55.56	0.0000	P	52.6
2	☐	1.000	1.026	2972.61	0.0003	P	4.3
3	☐	10.000	10.146	29309.17	0.0030	P	1.9
4	☐	250.000	257.335	746276.51	0.0747	P	0.5
5	☐	625.000	638.112	1853430.51	0.1853	P	0.9
6	☐	1250.000	1247.417	3668885.80	0.3622	P	1.5
7	☐	2500.000	2487.642	7167084.62	0.7223	A	1.6
8	☐	5000.000	5004.819	14589570.81	1.4532	A	0.2
9	☐			10709.95	0.0011	P	4.5

$$y = 2.9035\text{E-}004 * x + 5.6276\text{E-}006$$

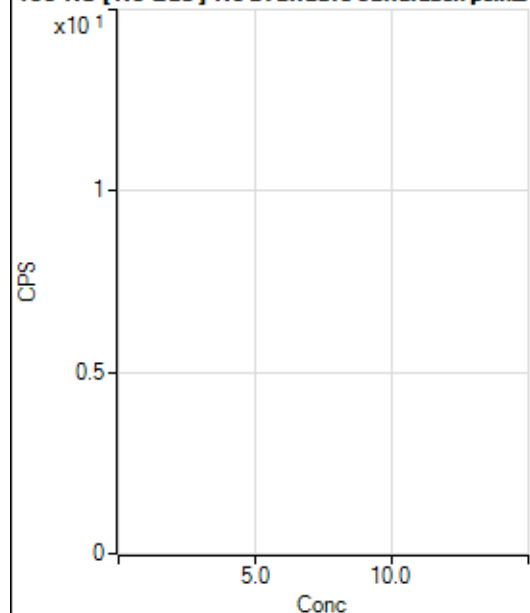
$$R = 1.0000$$

$$DL = 0.03059$$

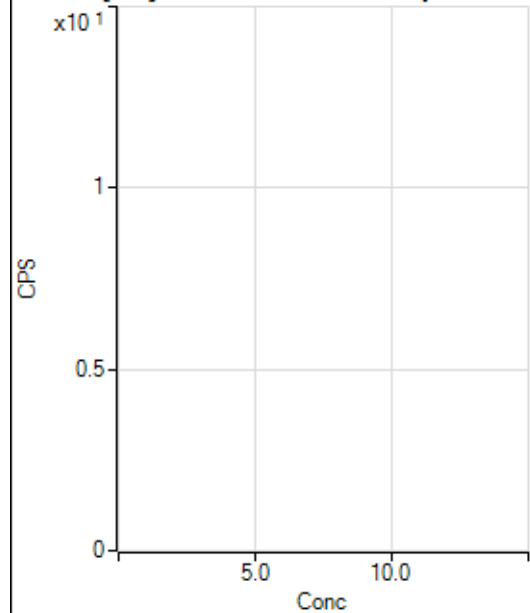
$$BEC = 0.01938$$

Weight: <None>

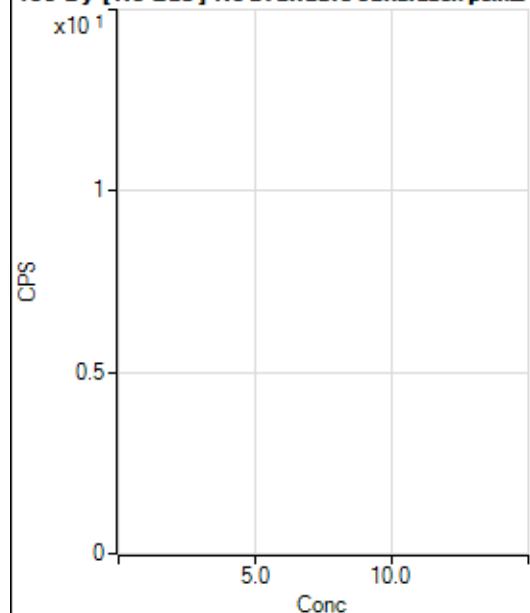
Min Conc: 0

150 Nd [No Gas] No available calibration points

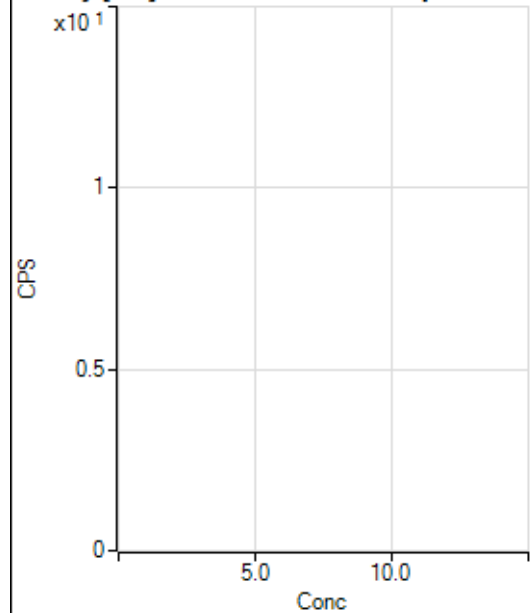
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.
2	☐			6.67		P	100.
3	☐			0.00		P	
4	☐			31.11		P	53.9
5	☐			71.11		P	47.2
6	☐			115.56		P	38.4
7	☐			235.57		P	31.0
8	☐			437.79		P	5.3
9	☐			57.78		P	46.6

150 Nd [He] No available calibration points

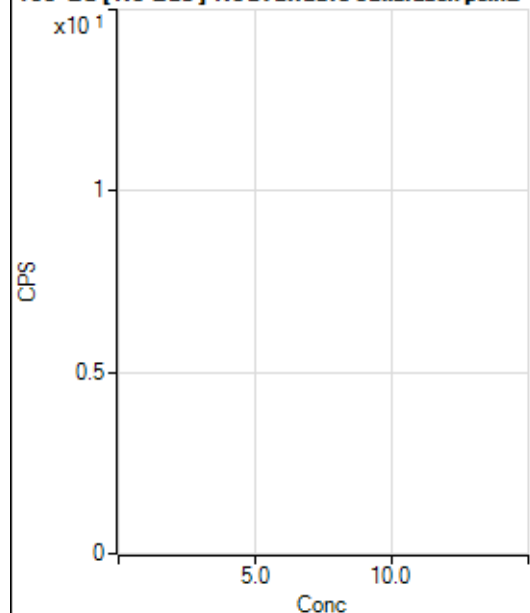
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			0.00		P	
3	☐			0.00		P	
4	☐			7.78		P	65.5
5	☐			12.22		P	41.7
6	☐			20.00		P	66.7
7	☐			42.22		P	24.1
8	☐			73.33		P	36.1
9	☐			27.78		P	68.2

156 Dy [No Gas] No available calibration points

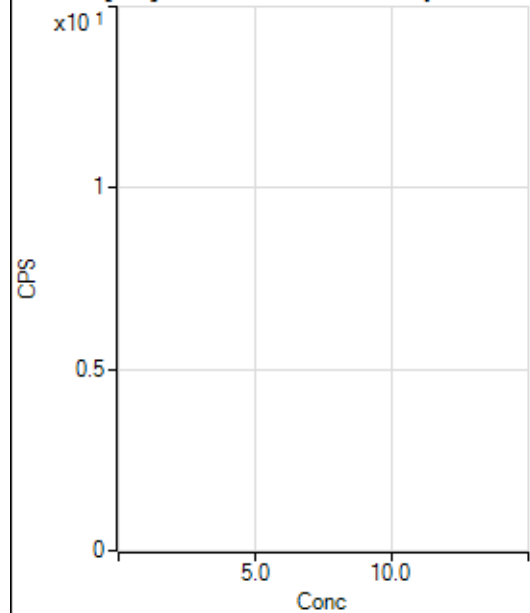
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			5.55		P	86.6
3	☐			2.78		P	173.
4	☐			36.11		P	53.3
5	☐			83.34		P	40.0
6	☐			172.23		P	29.2
7	☐			258.34		P	14.1
8	☐			544.47		P	3.2
9	☐			1944.64		P	6.1

156 Dy [He] No available calibration points

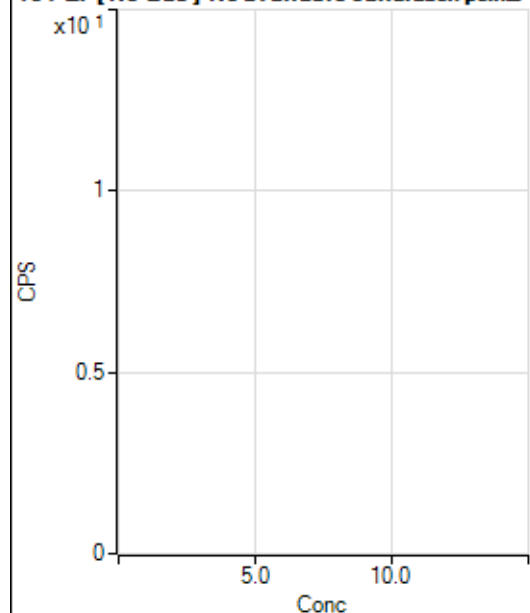
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	91.6
2	☐			7.78		P	24.7
3	☐			6.67		P	0.0
4	☐			15.56		P	12.4
5	☐			46.67		P	25.8
6	☐			88.89		P	14.2
7	☐			170.00		P	7.1
8	☐			321.12		P	6.3
9	☐			1483.43		P	6.1

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

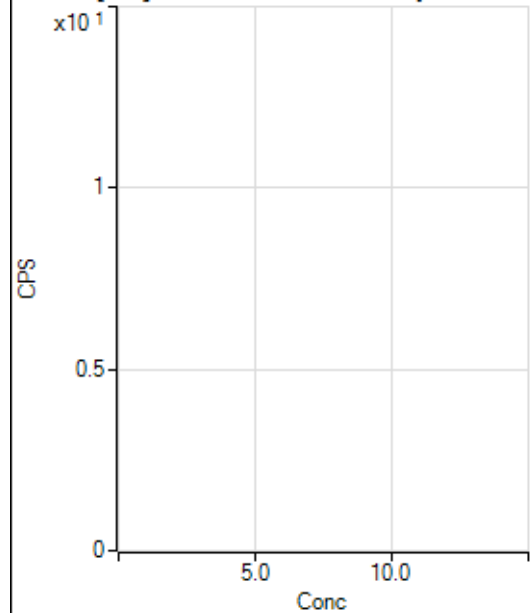
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			63.89		P	30.1
2	☐			61.11		P	51.6
3	☐			47.23		P	20.4
4	☐			111.11		P	35.4
5	☐			144.45		P	29.6
6	☐			166.67		P	8.7
7	☐			358.35		P	2.3
8	☐			438.91		P	17.2
9	☐			2291.94		P	7.8

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			66.66		P	8.7
2	☐			43.33		P	20.3
3	☐			46.67		P	25.8
4	☐			68.89		P	17.0
5	☐			107.78		P	6.4
6	☐			145.56		P	16.1
7	☐			205.56		P	12.3
8	☐			418.90		P	11.4
9	☐			1714.57		P	3.1

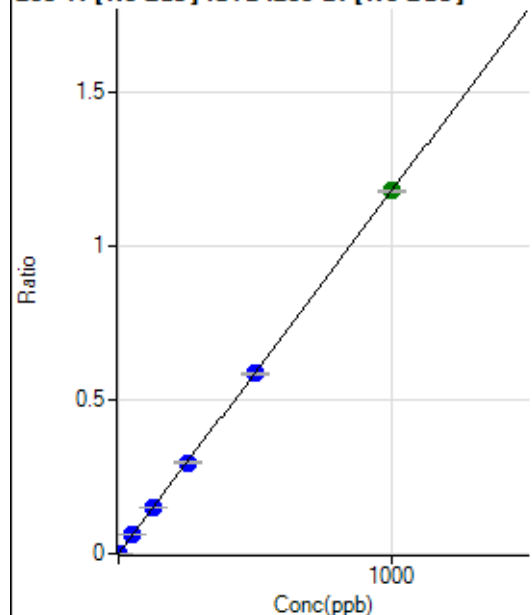
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			63.89		P	39.8
2	☐			61.11		P	7.9
3	☐			69.45		P	13.9
4	☐			63.89		P	39.8
5	☐			91.67		P	41.7
6	☐			88.89		P	21.6
7	☐			100.00		P	0.0
8	☐			127.78		P	16.4
9	☐			397.24		P	8.7

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			41.11		P	30.7
2	☐			50.00		P	6.7
3	☐			46.67		P	18.9
4	☐			48.89		P	27.5
5	☐			46.67		P	12.4
6	☐			57.78		P	35.3
7	☐			54.44		P	33.7
8	☐			90.00		P	6.4
9	☐			283.34		P	13.6

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	286.12	0.0000	P	17.2
2	☐	0.100	0.084	936.18	0.0001	P	5.1
3	☐	1.000	1.021	8283.35	0.0012	P	0.5
4	☐	50.000	50.695	400920.33	0.0599	P	0.1
5	☐	125.000	127.056	996863.36	0.1501	P	0.2
6	☐	250.000	251.520	1978081.88	0.2971	P	0.4
7	☐	500.000	497.759	3848567.97	0.5879	P	0.9
8	☐	1000.000	1000.449	7656974.30	1.1816	A	0.7
9	☐			6329.45	0.0011	P	4.8

$$y = 0.0012 * x + 4.2773E-005$$

$$R = 1.0000$$

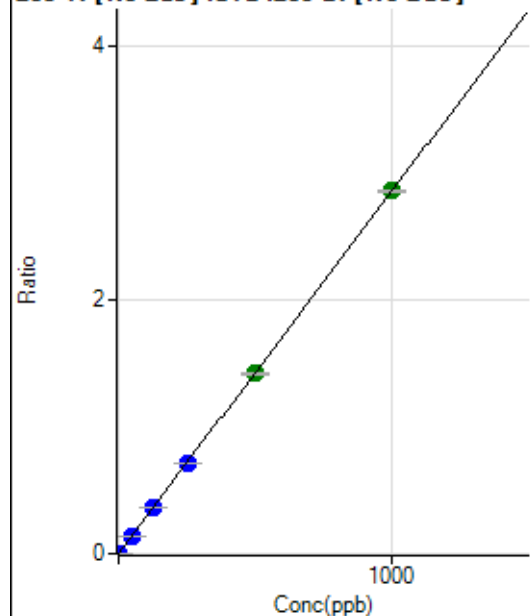
$$DL = 0.01871$$

$$BEC = 0.03622$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	652.82	0.0001	P	7.2
2	☐	0.100	0.100	2530.86	0.0004	P	7.1
3	☐	1.000	1.021	20001.54	0.0030	P	2.0
4	☐	50.000	50.067	958231.96	0.1432	P	0.1
5	☐	125.000	125.743	2387551.25	0.3595	P	0.7
6	☐	250.000	248.795	4735303.54	0.7112	P	0.2
7	☐	500.000	496.538	9290904.72	1.4193	A	0.4
8	☐	1000.000	1001.936	18558341.04	2.8639	A	0.9
9	☐			14480.57	0.0024	P	7.7

$$y = 0.0029 * x + 9.7629E-005$$

$$R = 1.0000$$

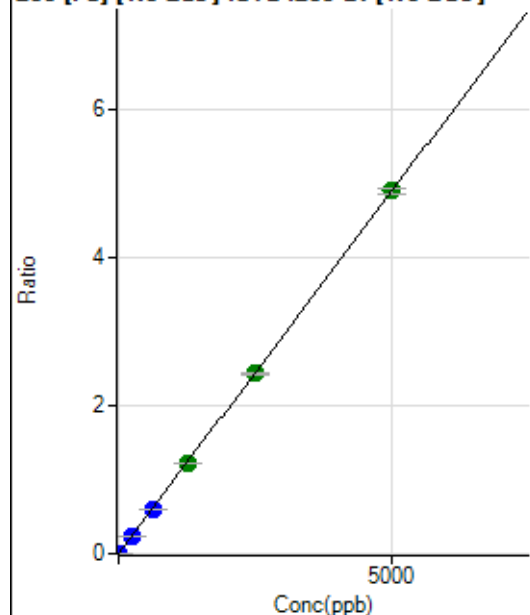
$$DL = 0.007392$$

$$BEC = 0.03416$$

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	516.69	0.0001	P	3.9
2	☐	0.100	0.115	1251.93	0.0002	P	4.0
3	☐	1.000	1.046	7305.84	0.0011	P	3.1
4	☐	250.000	248.352	1627434.45	0.2432	P	0.2
5	☐	625.000	613.807	3991293.67	0.6010	P	0.7
6	☐	1250.000	1250.169	8149174.02	1.2240	A	0.6
7	☐	2500.000	2485.116	15926582.76	2.4329	A	0.5
8	☐	5000.000	5008.881	31776059.28	4.9036	A	1.9
9	☐			73566.57	0.0124	P	0.8

$$y = 9.7898\text{E-}004 * x + 7.7307\text{E-}005$$

$$R = 1.0000$$

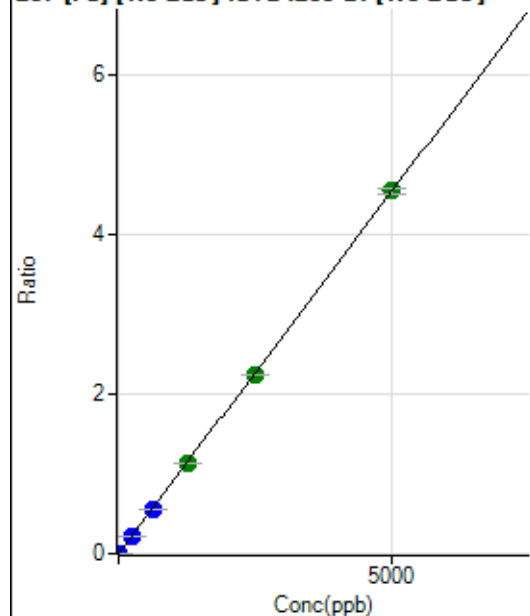
$$DL = 0.009316$$

$$BEC = 0.07897$$

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	566.69	0.0001	P	9.2
2	☐	0.100	0.099	1150.07	0.0002	P	2.5
3	☐	1.000	0.948	6264.54	0.0009	P	3.0
4	☐	250.000	244.263	1482133.47	0.2215	P	0.2
5	☐	625.000	608.024	3660861.86	0.5512	P	0.3
6	☐	1250.000	1252.946	7562183.33	1.1358	A	0.9
7	☐	2500.000	2475.327	14687763.18	2.2438	A	0.4
8	☐	5000.000	5014.009	29451478.67	4.5450	A	1.7
9	☐			68649.70	0.0115	P	1.1

$$y = 9.0644\text{E-}004 * x + 8.4734\text{E-}005$$

$$R = 1.0000$$

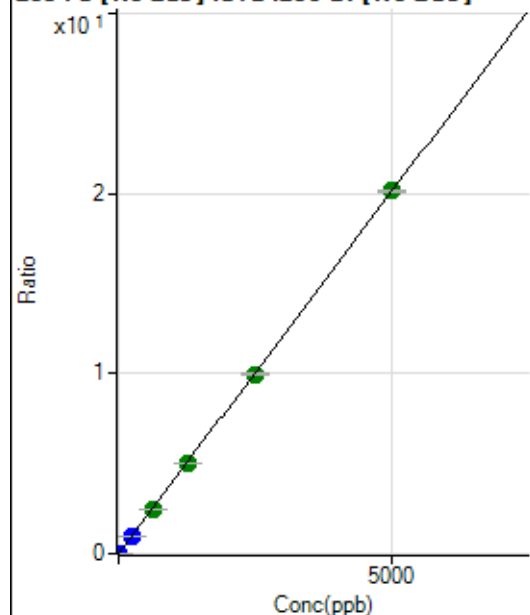
$$DL = 0.02593$$

$$BEC = 0.09348$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2348.28	0.0004	P	3.0
2	☐	0.100	0.109	5209.76	0.0008	P	0.9
3	☐	1.000	0.992	28797.80	0.0043	P	1.9
4	☐	250.000	245.425	6605519.94	0.9871	P	0.2
5	☐	625.000	616.944	16476859.54	2.4809	A	0.4
6	☐	1250.000	1246.796	33379836.57	5.0134	A	0.4
7	☐	2500.000	2475.856	65165097.64	9.9552	A	0.8
8	☐	5000.000	5014.109	130646807.0	20.1610	A	0.7
9	☐			304895.55	0.0513	P	0.7

$$y = 0.0040 * x + 3.5131E-004$$

$$R = 1.0000$$

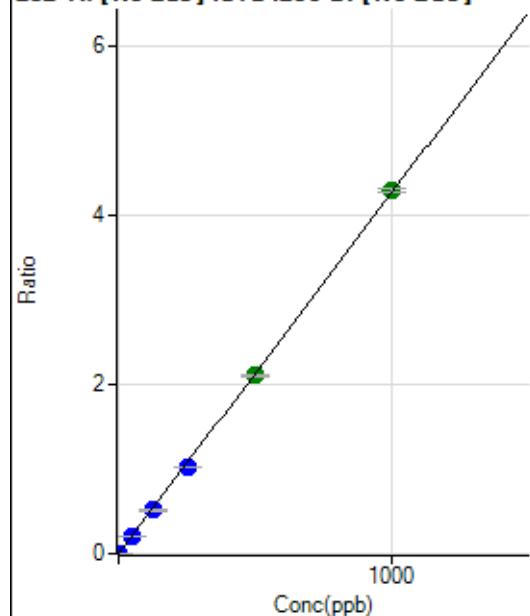
$$DL = 0.007782$$

$$BEC = 0.08737$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	153.71	0.0000	P	30.2
2	☐	0.100	0.000	161.12	0.0000	P	19.2
3	☐	1.000	-0.001	129.63	0.0000	P	6.7
4	☐	50.000	47.586	1356863.15	0.2028	P	0.3
5	☐	125.000	120.239	3402540.35	0.5123	P	0.4
6	☐	250.000	238.681	6771127.52	1.0170	P	0.5
7	☐	500.000	494.160	13782943.71	2.1055	A	0.3
8	☐	1000.000	1006.467	27789263.82	4.2883	A	1.1
9	☐			13312.51	0.0022	P	5.8

$$y = 0.0043 * x + 2.2962E-005$$

$$R = 0.9999$$

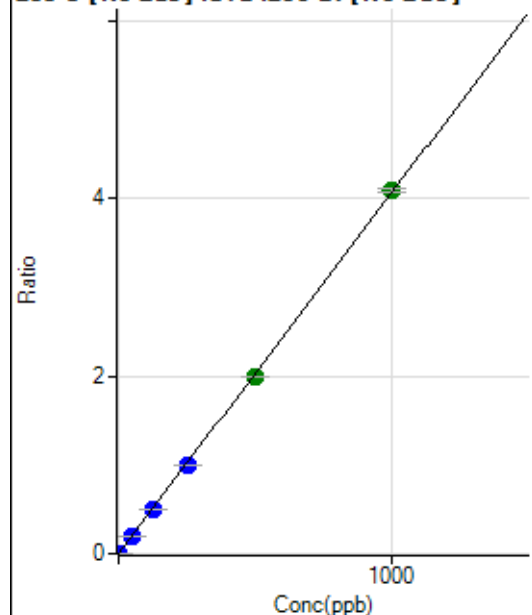
$$DL = 0.004879$$

$$BEC = 0.005389$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2.78	0.0000	P	173.
2	☐	0.100	0.092	2475.31	0.0004	P	5.8
3	☐	1.000	0.974	26213.05	0.0040	P	2.0
4	☐	50.000	49.188	1335453.03	0.1996	P	0.5
5	☐	125.000	123.980	3340796.56	0.5030	P	0.6
6	☐	250.000	246.691	6664174.46	1.0009	P	0.5
7	☐	500.000	489.573	13002580.24	1.9864	A	0.5
8	☐	1000.000	1006.209	26455309.97	4.0825	A	1.1
9	☐			12370.04	0.0021	P	6.7

$$y = 0.0041 * x + 4.1355E-007$$

$$R = 0.9999$$

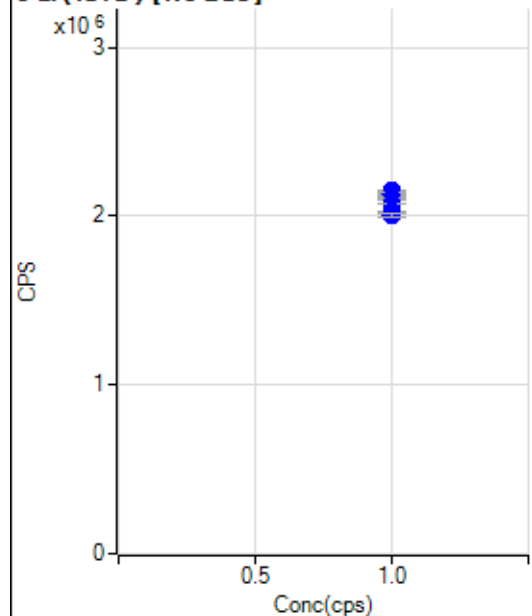
$$DL = 0.0005296$$

$$BEC = 0.0001019$$

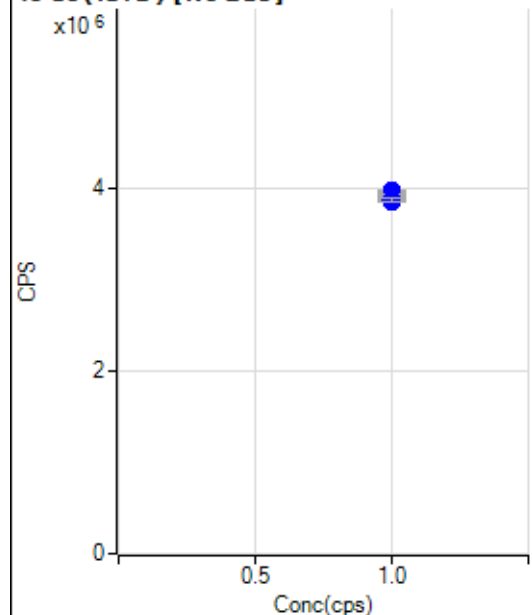
Weight: <None>

Min Conc: 0

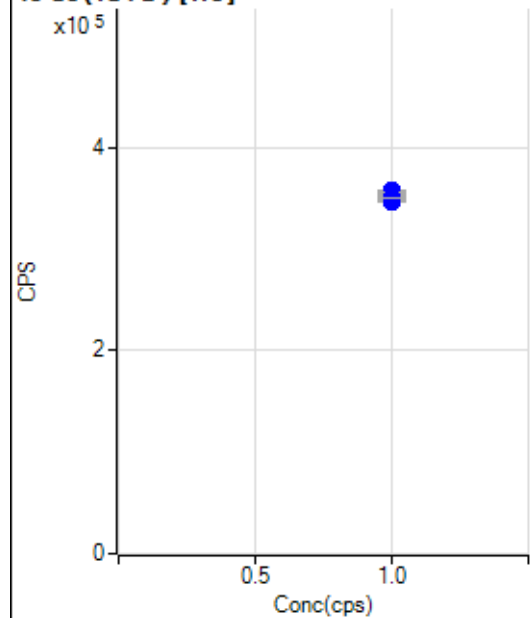
6 Li (ISTD) [No Gas]



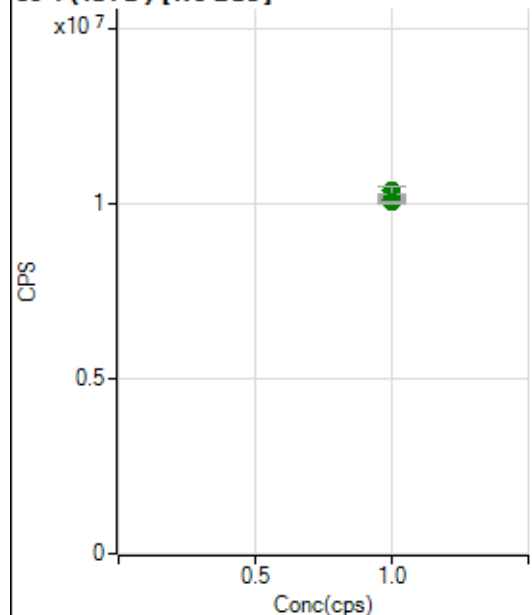
	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2149566.56		P	0.4
2	☐	1.000		2111671.46		P	0.6
3	☐	1.000		2133110.14		P	0.2
4	☐	1.000		2127466.83		P	1.1
5	☐	1.000		2102609.34		P	0.2
6	☐	1.000		2074529.95		P	0.4
7	☐	1.000		2025591.26		P	0.6
8	☐	1.000		2021316.45		P	0.5
9	☐	1.000		2006691.66		P	1.0

45 Sc (ISTD) [No Gas]

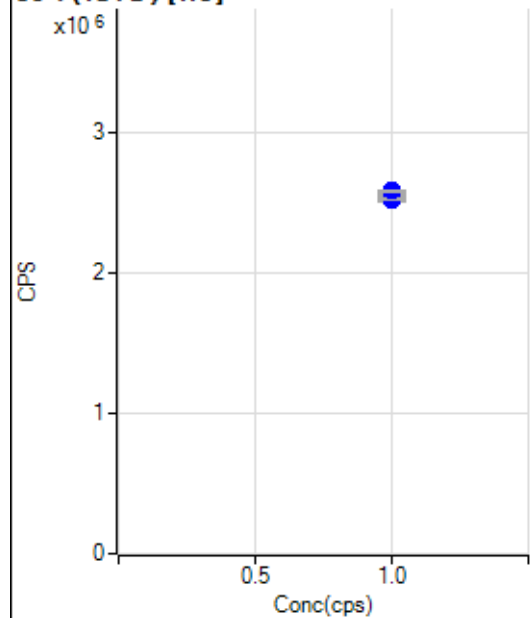
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3942422.86		P	0.8
2	☐	1.000		3914510.29		P	0.3
3	☐	1.000		3937207.16		P	0.5
4	☐	1.000		3971213.79		P	0.5
5	☐	1.000		3945527.48		P	0.4
6	☐	1.000		3929930.81		P	0.6
7	☐	1.000		3857570.01		P	0.3
8	☐	1.000		3865307.30		P	0.4
9	☐	1.000		3877302.82		P	1.4

45 Sc (ISTD) [He]

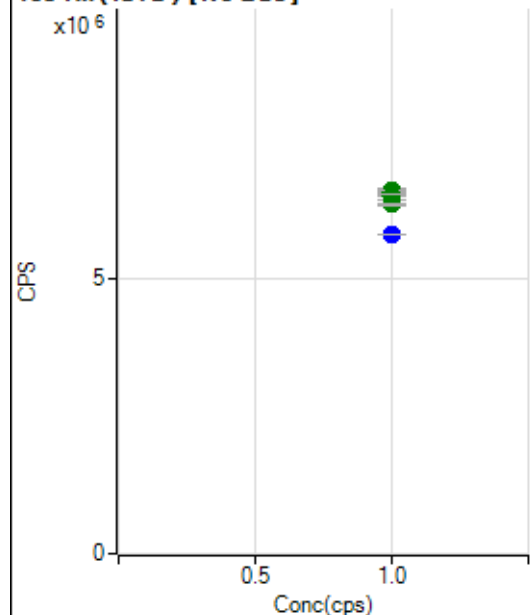
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		352299.64		P	0.9
2	☐	1.000		352872.02		P	0.4
3	☐	1.000		357144.20		P	0.4
4	☐	1.000		355332.37		P	1.0
5	☐	1.000		354762.71		P	0.5
6	☐	1.000		349721.60		P	0.2
7	☐	1.000		347221.53		P	0.4
8	☐	1.000		349382.02		P	0.6
9	☐	1.000		350418.70		P	0.3

89 Y (ISTD) [No Gas]

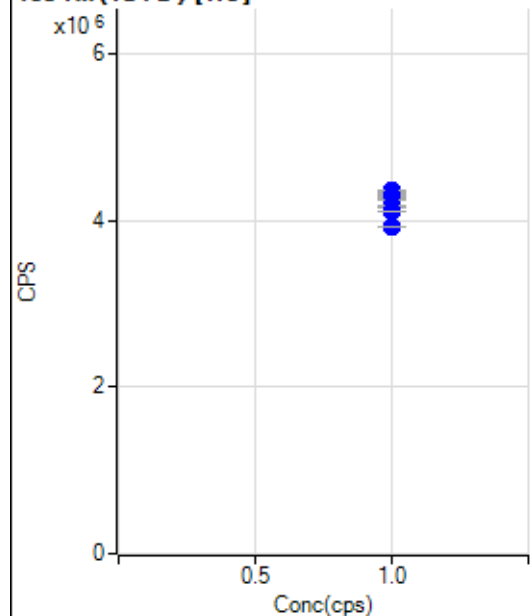
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10037288.04		A	0.5
2	☐	1.000		10124677.63		A	1.0
3	☐	1.000		10207138.46		A	0.3
4	☐	1.000		10244236.44		A	0.4
5	☐	1.000		10232162.28		A	0.4
6	☐	1.000		10166187.91		A	0.6
7	☐	1.000		10100393.04		A	1.0
8	☐	1.000		10347400.82		A	2.0
9	☐	1.000		10016703.95		A	0.2

89 Y (ISTD) [He]

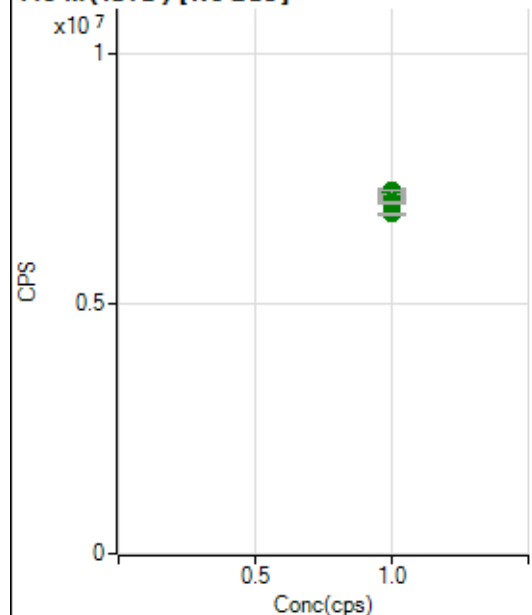
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2529673.00		P	0.7
2	☐	1.000		2532206.54		P	0.5
3	☐	1.000		2560844.20		P	0.5
4	☐	1.000		2544863.66		P	0.4
5	☐	1.000		2541064.42		P	0.5
6	☐	1.000		2534425.24		P	0.6
7	☐	1.000		2519456.40		P	0.4
8	☐	1.000		2528155.78		P	0.2
9	☐	1.000		2585984.14		P	0.2

103 Rh (ISTD) [No Gas]

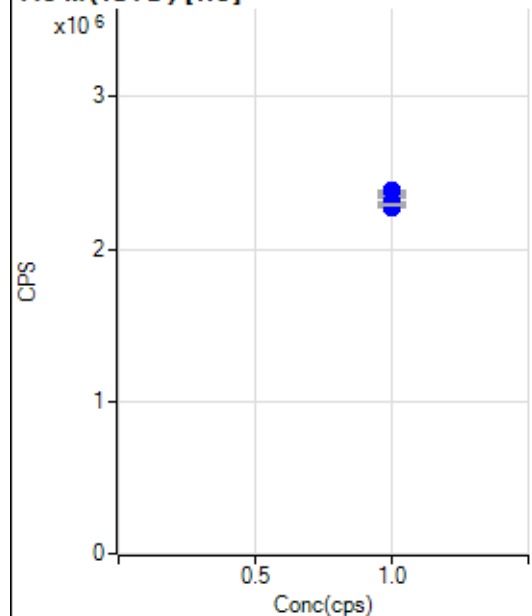
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6533531.22		A	0.9
2	☐	1.000		6548167.19		A	0.5
3	☐	1.000		6591499.56		A	0.6
4	☐	1.000		6607225.39		A	1.0
5	☐	1.000		6579002.40		A	1.0
6	☐	1.000		6507493.10		A	1.8
7	☐	1.000		6375042.26		A	0.2
8	☐	1.000		6357653.24		A	0.7
9	☐	1.000		5812040.12		P	0.4

103 Rh (ISTD) [He]

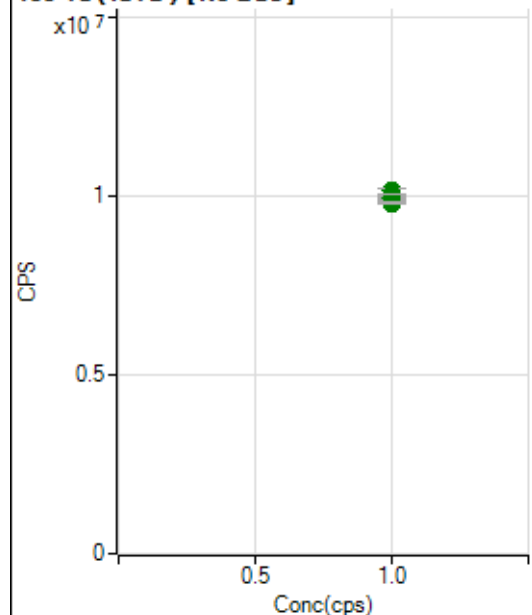
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4301587.82		P	0.8
2	☐	1.000		4293020.80		P	0.4
3	☐	1.000		4360140.49		P	0.6
4	☐	1.000		4297201.71		P	0.3
5	☐	1.000		4273092.86		P	0.2
6	☐	1.000		4257293.62		P	0.2
7	☐	1.000		4176835.11		P	0.6
8	☐	1.000		4119619.52		P	0.1
9	☐	1.000		3934299.59		P	0.3

115 In (ISTD) [No Gas]

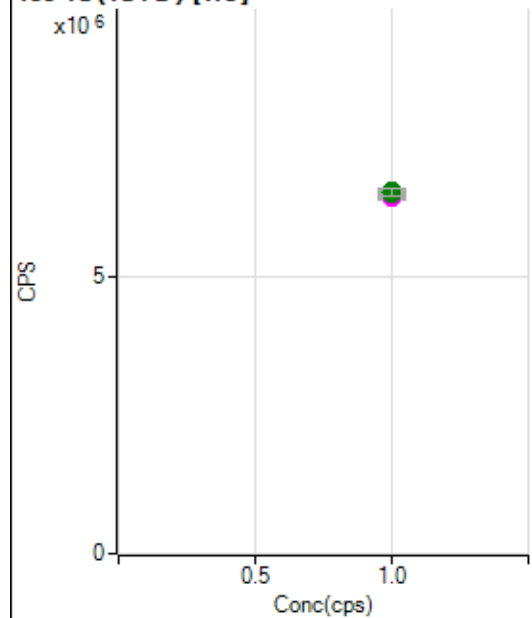
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7162302.02		A	0.8
2	☐	1.000		7132282.34		A	0.7
3	☐	1.000		7199670.78		A	1.1
4	☐	1.000		7247592.48		A	1.3
5	☐	1.000		7196305.48		A	0.3
6	☐	1.000		7234160.46		A	0.9
7	☐	1.000		7024258.19		A	1.0
8	☐	1.000		7005709.08		A	0.7
9	☐	1.000		6782874.53		A	0.4

115 In (ISTD) [He]

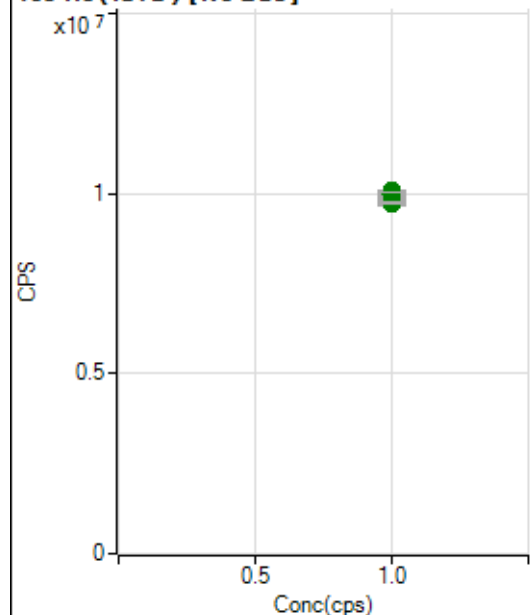
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2353518.24		P	0.4
2	☐	1.000		2349761.95		P	0.7
3	☐	1.000		2380797.46		P	0.6
4	☐	1.000		2365275.08		P	0.9
5	☐	1.000		2349627.89		P	0.4
6	☐	1.000		2337711.11		P	0.8
7	☐	1.000		2308967.78		P	0.3
8	☐	1.000		2274219.87		P	0.5
9	☐	1.000		2291892.50		P	0.4

159 Tb (ISTD) [No Gas]

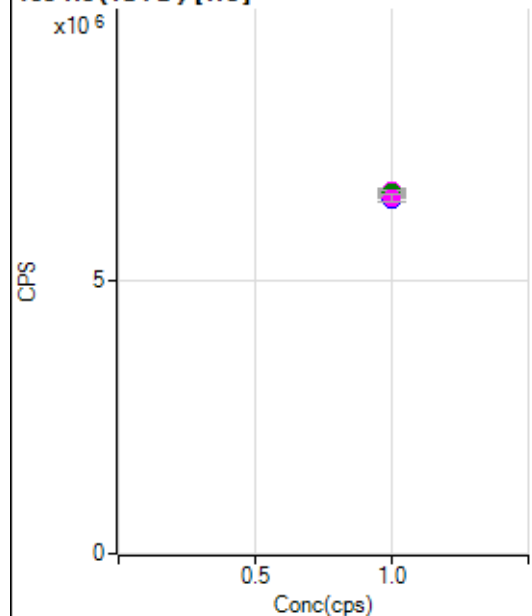
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9865723.53		A	0.3
2	☐	1.000		9793953.12		A	0.7
3	☐	1.000		9931511.86		A	1.3
4	☐	1.000		9987282.07		A	0.6
5	☐	1.000		10003547.98		A	0.4
6	☐	1.000		10131017.56		A	1.3
7	☐	1.000		9923936.45		A	1.2
8	☐	1.000		10039967.91		A	0.4
9	☐	1.000		9793476.66		A	0.2

159 Tb (ISTD) [He]

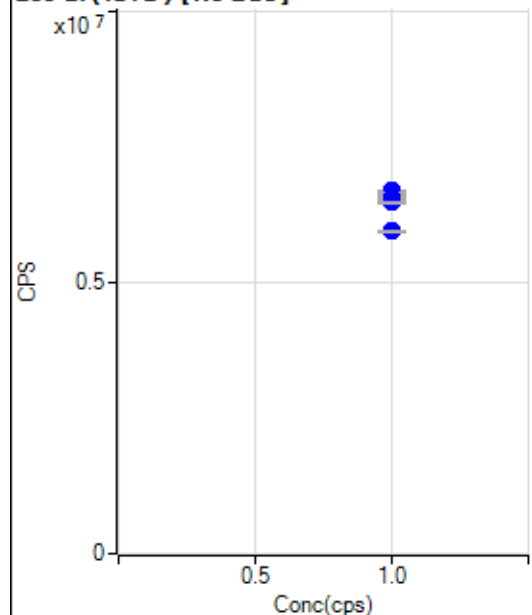
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6418043.38		M	0.9
2	☐	1.000		6429059.35		M	0.1
3	☐	1.000		6480758.24		A	1.4
4	☐	1.000		6536522.61		M	0.9
5	☐	1.000		6513159.14		A	0.6
6	☐	1.000		6540638.65		A	1.0
7	☐	1.000		6501494.21		A	0.3
8	☐	1.000		6513341.01		A	1.4
9	☐	1.000		6515744.28		A	1.7

165 Ho (ISTD) [No Gas]

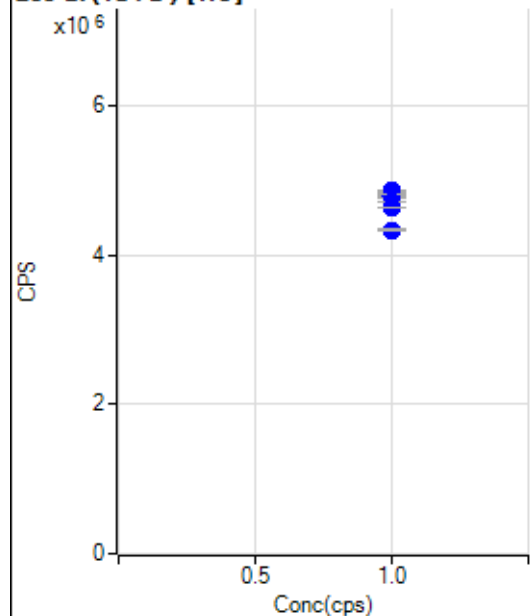
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9744766.73		A	0.7
2	☐	1.000		9718884.58		A	0.9
3	☐	1.000		9855844.23		A	0.9
4	☐	1.000		9938549.92		A	0.9
5	☐	1.000		9961737.84		A	1.0
6	☐	1.000		10068996.66		A	0.8
7	☐	1.000		9967173.60		A	1.1
8	☐	1.000		10035036.24		A	0.3
9	☐	1.000		9745513.54		A	0.6

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6506369.07		P	1.7
2	☐	1.000		6538684.69		M	0.2
3	☐	1.000		6601743.03		M	1.1
4	☐	1.000		6581246.50		M	0.8
5	☐	1.000		6599944.90		M	1.1
6	☐	1.000		6657533.65		M	1.6
7	☐	1.000		6650249.83		A	0.8
8	☐	1.000		6619502.26		A	2.0
9	☐	1.000		6532729.97		M	2.2

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6684852.61		P	0.8
2	☐	1.000		6602040.53		P	0.1
3	☐	1.000		6633275.25		P	0.2
4	☐	1.000		6691523.86		P	0.2
5	☐	1.000		6641364.41		P	0.2
6	☐	1.000		6658104.48		P	0.3
7	☐	1.000		6546059.56		P	0.8
8	☐	1.000		6480305.88		P	0.4
9	☐	1.000		5945795.19		P	0.9

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4826627.95		P	0.5
2	☐	1.000		4815017.19		P	0.2
3	☐	1.000		4868294.20		P	0.3
4	☐	1.000		4828708.19		P	0.2
5	☐	1.000		4839856.46		P	0.4
6	☐	1.000		4792081.25		P	1.0
7	☐	1.000		4724675.17		P	0.1
8	☐	1.000		4647606.56		P	0.3
9	☐	1.000		4343170.56		P	0.3

US EPA Tune Check Sample Report

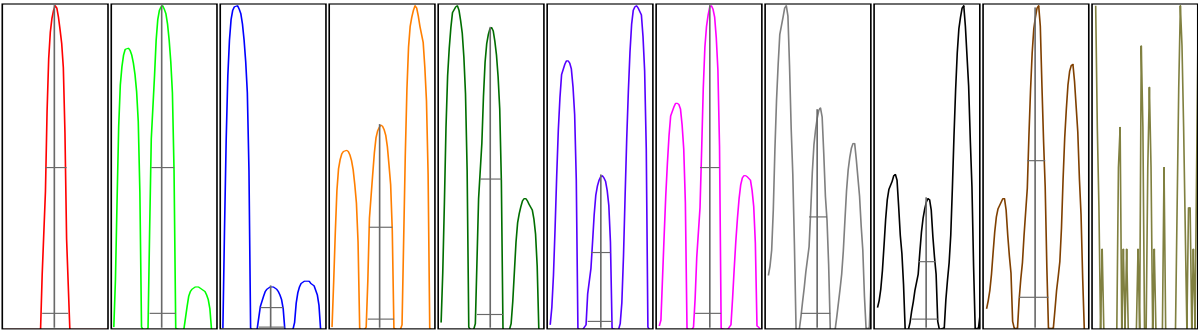
Batch Folder C:\Agilent\ICPMH\1\DATA\P7052121MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	5955	0.88	5.00	
24	48513	0.82	5.00	
25	6320	0.45	5.00	
26	7154	0.62	5.00	
59	16124	0.79	5.00	
113	9646	1.01	5.00	
115	28946	2.37	5.00	
206	14410	0.91	5.00	
207	12246	0.71	5.00	
208	29984	0.86	5.00	
220	0	47.51		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	6030	5968	5889	5927	5962
24	49202	48482	48368	48265	48248
25	6340	6342	6309	6336	6275
26	7211	7181	7144	7094	7138
59	16306	16203	16080	16006	16025
113	9788	9709	9584	9565	9586
115	29936	29334	28728	28483	28250
206	14494	14576	14372	14373	14235
207	12296	12362	12223	12134	12218
208	30324	30188	29833	29720	29856
220	0	0	0	0	0

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	10333	9.00	8.9 - 9.1		0.777	0.900	
24	77018	23.95	23.9 - 24.1		0.787	0.900	
25	10172	24.95	24.9 - 25.1		0.787	0.900	
26	11594	25.95	25.9 - 26.1		0.786	0.900	
59	26894	59.00	58.9 - 59.1		0.787	0.900	
113	17167	113.05	112.9 - 113.1		0.741	0.900	
115	51705	115.05	114.9 - 115.1		0.771	0.900	
206	28091	206.00	205.9 - 206.1		0.828	0.900	
207	23842	207.00	206.9 - 207.1		0.784	0.900	
208	58488	208.00	207.9 - 208.1		0.819	0.900	
220	0	219.80	-		0.250		

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	0.65	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		0.45 L/min

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	10.6	V	Deflect	13.6	V
Extract 2	-170.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-85	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	160	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	6245	0.39	
89	23975	0.49	
205	14862	0.44	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	6241	6242	6244	6215	6283
89	23804	23976	23951	24010	24134
205	14784	14799	14890	14909	14927

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
RF Power	1600	W	Carrier Gas	0.65	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		0.45 L/min

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.8	V	Deflect	2.0	V
Extract 2	-160.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-95	V	Cell Exit	-60	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	Yes		OctP Bias	-18.0	V	Energy Discrimination		5.0 V
He Flow	3.9	mL/min	OctP RF	200	V			

LB Number : LB114597 Operator : JASWAL
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2021-05-21 07:33:09 DataFile Name : 003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.13	0.16	-0.02	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.01	-0.02	0.01	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.01	-0.01	0.00	0.00	N/A	ppb
Beryllium	9-1	-0.01	-0.01	0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.14	0.49	-0.35	0.00	N/A	ppb
Boron	11-1	-0.16	0.11	0.05	0.00	N/A	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.02	0.01	0.01	0.00	N/A	ppb
Cadmium	106-1	-0.70	0.35	0.35	0.00	N/A	ppb
Cadmium	108-1	-0.01	0.02	-0.01	0.00	N/A	ppb
Calcium	43-1	-0.73	-2.09	2.82	0.00	N/A	ppb
Calcium	44-1	-1.29	0.46	0.83	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	-0.02	0.00	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.03	-0.02	-0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.04	0.03	-0.08	0.00	N/A	ppb
Iron	57-2	0.54	-0.37	-0.16	0.00	N/A	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 07:33:09	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	-0.94	1.32	-0.38	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	0.01	0.00	-0.01	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.16	0.33	-0.16	0.00	N/A	ppb
Manganese	55-2	0.01	0.00	-0.01	0.00	N/A	ppb
Molybdenum	94-1	0.00	-0.01	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	97-1	0.00	-0.01	0.01	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.00	0.01	0.00	N/A	ppb
Phosphorus	31-2	-14.84	-5.34	2.43	-5.91		ppb
Potassium	39-2	5.06	0.22	-5.28	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.12	0.31	-0.43	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.14	1.46	-1.32	0.00	N/A	ppb
Silicon	28-1	0.19	-0.54	0.35	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-0.66	1.03	-0.37	0.00	N/A	ppb
Strontium	86-1	0.00	0.01	-0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-265.84	137.97	56.83	-23.68		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.01	0.00	-0.01	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 07:33:09	DataFile Name :	003CALB.d

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

LB Number : LB114597 Operator : JASWAL
 Lab Sample ID : S1 Instrumnet Name : P7
 Client Sample ID : S1 Dilution Factor : 1
 Date & Time Acquired :: 2021-05-21 07:39:31 DataFile Name : 005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.85	2.01	2.13	2.33	19.48	ppb
Antimony	121-1	0.20	0.18	0.20	0.20	5.38	ppb
Arsenic	75-2	0.08	0.09	0.06	0.07	18.16	ppb
Barium	135-1	1.02	1.15	1.00	1.06	7.58	ppb
Barium	137-1	1.07	0.98	1.03	1.03	4.40	ppb
Beryllium	9-1	0.05	0.13	0.13	0.10	45.90	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Boron	10-1	2.36	2.98	3.26	2.87	16.17	ppb
Boron	11-1	2.73	2.48	2.62	2.61	4.75	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.06	0.10	0.11	0.09	33.78	ppb
Cadmium	106-1	-2.23	-0.58	-0.64	-1.15		ppb
Cadmium	108-1	-0.07	0.02	-0.14	-0.06		ppb
Calcium	43-1	52.23	55.23	52.62	53.36	3.06	ppb
Calcium	44-1	57.39	58.77	61.65	59.27	3.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.18	0.22	0.26	0.22	16.81	ppb
Cobalt	59-2	0.10	0.12	0.12	0.11	12.10	ppb
Copper	63-2	Rejected	Rejected	Rejected			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	5.50	5.48	5.42	5.47	0.76	ppb
Iron	57-2	6.20	5.16	6.55	5.97	12.08	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	S1	Instrumnet Name :	P7
Client Sample ID :	S1	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 07:39:31	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	5.62	6.05	7.35	6.34	14.20	ppb
Krypton	83-1						cps
Lead	206-1	0.11	0.11	0.12	0.11	6.81	ppb
Lead	207-1	0.10	0.10	0.09	0.10	4.86	ppb
Lead	208-1	0.11	0.11	0.11	0.11	1.69	ppb
Lithium	6-1				98		%
Magnesium	24-2	52.62	49.34	50.98	50.98	3.23	ppb
Manganese	55-2	Rejected	Rejected	Rejected			ppb
Molybdenum	94-1	0.50	0.51	0.60	0.54	10.25	ppb
Molybdenum	95-1	0.44	0.52	0.42	0.46	10.99	ppb
Molybdenum	96-1	0.48	0.45	0.53	0.49	8.14	ppb
Molybdenum	97-1	0.45	0.52	0.53	0.50	8.13	ppb
Molybdenum	98-1	0.51	0.49	0.50	0.50	1.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.14	0.11	0.10	0.12	14.34	ppb
Phosphorus	31-2	-6.53	8.74	1.64	1.28	596.83	ppb
Potassium	39-2	59.49	58.60	59.77	59.29	1.03	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	82-1	Rejected	Rejected	Rejected			ppb
Selenium	77-2	0.36	0.72	0.71	0.60	34.49	ppb
Selenium	78-2	0.03	-0.33	-0.26	-0.19		ppb
Silicon	28-1	2.21	3.46	3.60	3.09	24.71	ppb
Silver	107-1	0.08	0.11	0.10	0.10	18.12	ppb
Silver	109-1	0.10	0.09	0.09	0.09	4.44	ppb
Sodium	23-2	57.78	54.99	54.80	55.86	2.98	ppb
Strontium	86-1	0.03	0.01	0.02	0.02	48.15	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	10.46	ppb
Sulfur	34-1	5.58	-188.86	202.14	6.28	3110.95	ppb
Terbium	159-1				99		%
Terbium	159-2				100		%
Thallium	203-1	0.09	0.09	0.08	0.08	7.35	ppb
Thallium	205-1	0.10	0.11	0.09	0.10	9.54	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	S1	Instrumnet Name :	P7
Client Sample ID :	S1	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 07:39:31	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	325.02	ppb
Tin	118-1	0.53	0.58	0.53	0.55	5.34	ppb
Titanium	47-1	0.43	0.50	0.57	0.50	13.29	ppb
Uranium	238-1	0.09	0.10	0.10	0.09	5.78	ppb
Vanadium	51-2	0.51	0.58	0.54	0.54	6.04	ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	Rejected	Rejected	Rejected			ppb
Zirconium	90-1	0.10	0.10	0.08	0.09	12.41	ppb
Zirconium	91-1	0.08	0.09	0.09	0.09	8.60	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 07:45:48	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.20	22.81	21.43	21.48	6.08	ppb
Antimony	121-1	2.08	2.02	1.99	2.03	2.25	ppb
Arsenic	75-2	1.09	0.93	0.99	1.00	7.70	ppb
Barium	135-1	10.28	10.55	9.99	10.28	2.73	ppb
Barium	137-1	10.21	9.92	10.30	10.15	1.93	ppb
Beryllium	9-1	1.13	1.10	0.96	1.06	8.36	ppb
Bismuth	209-1				99		%
Bismuth	209-2				101		%
Boron	10-1	23.75	25.24	24.70	24.56	3.07	ppb
Boron	11-1	24.53	25.53	24.68	24.91	2.17	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.16	1.05	1.00	1.07	7.39	ppb
Cadmium	106-1	0.89	-0.54	-1.92	-0.52		ppb
Cadmium	108-1	1.07	0.98	0.92	0.99	7.59	ppb
Calcium	43-1	547.37	554.33	514.36	538.69	3.96	ppb
Calcium	44-1	540.60	542.20	542.00	541.60	0.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.17	2.03	2.12	2.11	3.23	ppb
Cobalt	59-2	1.07	1.04	1.03	1.05	1.95	ppb
Copper	63-2	2.21	2.06	2.06	2.11	4.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	52.92	52.68	52.94	52.85	0.28	ppb
Iron	57-2	51.87	56.97	50.09	52.97	6.75	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 07:45:48	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	55.83	58.16	56.84	56.94	2.05	ppb
Krypton	83-1						cps
Lead	206-1	1.09	1.02	1.03	1.05	3.37	ppb
Lead	207-1	0.94	0.98	0.92	0.95	3.34	ppb
Lead	208-1	0.99	1.01	0.97	0.99	2.03	ppb
Lithium	6-1				99		%
Magnesium	24-2	494.97	499.57	492.26	495.60	0.75	ppb
Manganese	55-2	1.00	1.01	1.07	1.03	3.56	ppb
Molybdenum	94-1	4.91	5.07	4.94	4.97	1.69	ppb
Molybdenum	95-1	4.99	5.04	4.99	5.00	0.63	ppb
Molybdenum	96-1	5.13	4.84	4.84	4.93	3.37	ppb
Molybdenum	97-1	5.36	5.07	4.77	5.07	5.81	ppb
Molybdenum	98-1	5.06	4.99	4.93	4.99	1.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.04	1.10	1.12	1.09	3.83	ppb
Phosphorus	31-2	7.20	11.54	-4.84	4.63	183.10	ppb
Potassium	39-2	519.32	522.28	514.62	518.74	0.74	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	82-1	5.24	3.62	5.36	4.74	20.51	ppb
Selenium	77-2	4.63	4.24	8.13	5.66	37.79	ppb
Selenium	78-2	5.27	5.77	6.12	5.72	7.48	ppb
Silicon	28-1	8.48	9.54	9.77	9.27	7.46	ppb
Silver	107-1	1.02	1.04	1.07	1.04	2.45	ppb
Silver	109-1	1.00	1.01	1.10	1.04	5.31	ppb
Sodium	23-2	505.83	514.47	513.56	511.29	0.93	ppb
Strontium	86-1	0.11	0.09	0.13	0.11	17.59	ppb
Strontium	88-1	0.11	0.10	0.11	0.11	1.73	ppb
Sulfur	34-1	116.70	-69.96	5.44	17.39	539.86	ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	1.03	1.02	1.01	1.02	0.55	ppb
Thallium	205-1	1.04	1.00	1.03	1.02	2.02	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 07:45:48	DataFile Name :	007CALS.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	5.52	5.18	5.37	5.36	3.21	ppb
Titanium	47-1	5.02	5.12	5.13	5.09	1.16	ppb
Uranium	238-1	0.98	0.99	0.95	0.97	1.95	ppb
Vanadium	51-2	5.15	5.01	5.04	5.07	1.47	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	2.36	2.49	2.56	2.47	4.19	ppb
Zirconium	90-1	0.94	1.04	1.01	1.00	4.79	ppb
Zirconium	91-1	0.94	1.13	1.06	1.04	9.53	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 07:48:57	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1003.22	989.83	992.22	995.09	0.72	ppb
Antimony	121-1	52.33	51.38	50.97	51.56	1.35	ppb
Arsenic	75-2	51.52	49.70	51.51	50.91	2.05	ppb
Barium	135-1	259.69	258.47	256.52	258.22	0.62	ppb
Barium	137-1	257.77	256.00	258.24	257.33	0.46	ppb
Beryllium	9-1	52.79	52.49	51.77	52.35	1.00	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	47.18	48.94	54.65	50.26	7.77	ppb
Boron	11-1	48.99	50.68	51.13	50.26	2.24	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	54.09	52.24	51.97	52.76	2.19	ppb
Cadmium	106-1	47.86	52.90	51.52	50.76	5.14	ppb
Cadmium	108-1	52.75	52.90	54.52	53.39	1.84	ppb
Calcium	43-1	5682.29	5751.82	5717.65	5717.26	0.61	ppb
Calcium	44-1	5501.15	5578.41	5567.04	5548.87	0.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51.82	52.51	51.34	51.89	1.14	ppb
Cobalt	59-2	52.66	53.11	51.82	52.53	1.25	ppb
Copper	63-2	521.59	521.27	514.17	519.01	0.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	2549.28	2569.47	2469.53	2529.43	2.09	ppb
Iron	57-2	2613.04	2671.53	2559.84	2614.80	2.14	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 07:48:57	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2748.52	2739.24	2656.32	2714.69	1.87	ppb
Krypton	83-1						cps
Lead	206-1	248.21	247.83	249.01	248.35	0.24	ppb
Lead	207-1	243.73	244.31	244.75	244.26	0.21	ppb
Lead	208-1	245.35	245.84	245.09	245.42	0.15	ppb
Lithium	6-1				99		%
Magnesium	24-2	5022.05	5033.24	5026.14	5027.14	0.11	ppb
Manganese	55-2	519.05	523.42	502.46	514.98	2.15	ppb
Molybdenum	94-1	257.94	258.52	259.12	258.53	0.23	ppb
Molybdenum	95-1	255.89	261.82	259.00	258.90	1.15	ppb
Molybdenum	96-1	256.52	258.52	259.66	258.23	0.61	ppb
Molybdenum	97-1	259.57	259.68	260.08	259.78	0.10	ppb
Molybdenum	98-1	256.01	259.00	258.33	257.78	0.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.38	53.61	51.98	52.66	1.62	ppb
Phosphorus	31-2	1056.03	982.57	1049.02	1029.21	3.94	ppb
Potassium	39-2	2744.50	2683.12	2711.39	2713.00	1.13	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	82-1	50.00	53.42	49.38	50.94	4.27	ppb
Selenium	77-2	52.49	47.16	47.91	49.19	5.87	ppb
Selenium	78-2	53.38	55.20	52.98	53.85	2.19	ppb
Silicon	28-1	46.30	49.75	49.94	48.66	4.22	ppb
Silver	107-1	53.35	53.69	53.15	53.39	0.51	ppb
Silver	109-1	53.25	53.20	53.22	53.22	0.05	ppb
Sodium	23-2	5146.89	5131.74	5113.62	5130.75	0.32	ppb
Strontium	86-1	51.88	52.22	51.70	51.93	0.51	ppb
Strontium	88-1	50.76	52.45	51.44	51.55	1.64	ppb
Sulfur	34-1	840.59	1063.22	892.18	931.99	12.50	ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	50.69	50.75	50.64	50.69	0.11	ppb
Thallium	205-1	50.04	50.10	50.07	50.07	0.06	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 07:48:57	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	47.41	47.66	47.69	47.59	0.32	ppb
Tin	118-1	53.36	52.68	52.68	52.91	0.74	ppb
Titanium	47-1	251.30	254.07	254.03	253.13	0.63	ppb
Uranium	238-1	49.45	49.06	49.06	49.19	0.46	ppb
Vanadium	51-2	50.98	52.00	50.31	51.10	1.66	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	536.38	536.89	535.97	536.41	0.09	ppb
Zirconium	90-1	51.33	51.47	51.73	51.51	0.40	ppb
Zirconium	91-1	51.21	51.54	50.68	51.14	0.85	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 07:52:06	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2480.06	2486.42	2461.05	2475.84	0.53	ppb
Antimony	121-1	127.42	128.40	128.51	128.11	0.47	ppb
Arsenic	75-2	128.63	128.03	126.05	127.57	1.06	ppb
Barium	135-1	635.79	648.04	640.42	641.42	0.96	ppb
Barium	137-1	632.49	643.31	638.54	638.11	0.85	ppb
Beryllium	9-1	130.24	130.82	129.60	130.22	0.47	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Boron	10-1	122.86	128.78	128.73	126.79	2.68	ppb
Boron	11-1	123.26	127.56	129.48	126.76	2.51	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	129.52	132.38	130.95	130.95	1.09	ppb
Cadmium	106-1	127.27	127.28	129.20	127.92	0.87	ppb
Cadmium	108-1	133.43	132.59	125.28	130.43	3.43	ppb
Calcium	43-1	14179.90	14003.02	14163.01	14115.31	0.69	ppb
Calcium	44-1	13592.85	13800.68	13767.76	13720.43	0.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	126.42	128.78	127.82	127.67	0.93	ppb
Cobalt	59-2	129.98	130.74	129.33	130.02	0.54	ppb
Copper	63-2	1264.13	1268.22	1263.47	1265.27	0.20	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				102		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	6280.13	6273.36	6257.09	6270.19	0.19	ppb
Iron	57-2	6488.89	6570.92	6483.85	6514.55	0.75	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 07:52:06	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	6681.15	6772.69	6717.35	6723.73	0.69	ppb
Krypton	83-1						cps
Lead	206-1	609.29	617.13	615.00	613.81	0.66	ppb
Lead	207-1	609.78	607.04	607.26	608.02	0.25	ppb
Lead	208-1	616.53	619.50	614.80	616.94	0.39	ppb
Lithium	6-1				98		%
Magnesium	24-2	12414.09	12481.75	12471.12	12455.65	0.29	ppb
Manganese	55-2	1269.74	1274.21	1269.45	1271.13	0.21	ppb
Molybdenum	94-1	642.69	646.60	634.60	641.30	0.95	ppb
Molybdenum	95-1	641.64	646.76	637.98	642.13	0.69	ppb
Molybdenum	96-1	646.09	642.03	640.02	642.71	0.48	ppb
Molybdenum	97-1	640.91	642.99	636.19	640.03	0.54	ppb
Molybdenum	98-1	643.11	643.13	633.46	639.90	0.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	129.14	131.25	129.20	129.86	0.93	ppb
Phosphorus	31-2	2567.28	2460.51	2538.96	2522.25	2.19	ppb
Potassium	39-2	6647.78	6764.30	6629.28	6680.45	1.10	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	82-1	131.54	132.96	131.19	131.90	0.71	ppb
Selenium	77-2	129.94	118.80	118.26	122.33	5.39	ppb
Selenium	78-2	128.80	131.76	131.61	130.72	1.27	ppb
Silicon	28-1	114.50	116.11	119.71	116.77	2.29	ppb
Silver	107-1	132.74	133.72	132.87	133.11	0.40	ppb
Silver	109-1	131.12	133.90	132.61	132.55	1.05	ppb
Sodium	23-2	12823.73	12670.20	12809.29	12767.74	0.66	ppb
Strontium	86-1	127.95	127.93	128.00	127.96	0.03	ppb
Strontium	88-1	127.60	129.18	127.58	128.12	0.72	ppb
Sulfur	34-1	2487.02	2414.98	2312.67	2404.89	3.64	ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	126.87	127.42	126.88	127.06	0.25	ppb
Thallium	205-1	124.84	126.62	125.77	125.74	0.70	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 07:52:06	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	119.69	120.59	120.43	120.24	0.40	ppb
Tin	118-1	129.62	132.92	130.47	131.00	1.31	ppb
Titanium	47-1	635.14	632.67	635.32	634.37	0.23	ppb
Uranium	238-1	123.07	124.52	124.34	123.98	0.64	ppb
Vanadium	51-2	126.15	126.65	125.88	126.22	0.31	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	1315.68	1330.50	1313.29	1319.82	0.71	ppb
Zirconium	90-1	129.04	130.21	129.02	129.42	0.53	ppb
Zirconium	91-1	128.59	128.15	127.89	128.21	0.27	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 07:55:13	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5934.27	5901.99	5883.42	5906.56	0.44	ppb
Antimony	121-1	244.09	252.58	254.58	250.42	2.22	ppb
Arsenic	75-2	253.52	253.99	252.94	253.48	0.21	ppb
Barium	135-1	1236.84	1263.69	1274.21	1258.25	1.53	ppb
Barium	137-1	1226.19	1252.26	1263.80	1247.42	1.54	ppb
Beryllium	9-1	257.13	257.62	257.62	257.46	0.11	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	10-1	245.85	248.71	261.26	251.94	3.26	ppb
Boron	11-1	245.03	255.20	255.85	252.03	2.41	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	252.27	260.79	258.55	257.20	1.72	ppb
Cadmium	106-1	252.93	256.52	254.03	254.49	0.72	ppb
Cadmium	108-1	249.68	252.75	256.49	252.98	1.35	ppb
Calcium	43-1	27931.01	28395.32	28276.90	28201.08	0.86	ppb
Calcium	44-1	26078.69	25529.59	25902.16	25836.81	1.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	255.90	257.69	257.87	257.15	0.42	ppb
Cobalt	59-2	261.48	259.98	260.06	260.51	0.33	ppb
Copper	63-2	2563.11	2540.29	2556.68	2553.36	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				103		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	12794.82	12752.26	12642.88	12729.99	0.62	ppb
Iron	57-2	13088.63	13104.37	13072.28	13088.43	0.12	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 07:55:13	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	13353.09	13438.60	13414.63	13402.10	0.33	ppb
Krypton	83-1						cps
Lead	206-1	1250.57	1242.27	1257.67	1250.17	0.62	ppb
Lead	207-1	1263.38	1240.97	1254.49	1252.95	0.90	ppb
Lead	208-1	1243.37	1243.96	1253.05	1246.80	0.44	ppb
Lithium	6-1				97		%
Magnesium	24-2	25197.30	24600.05	24683.35	24826.90	1.30	ppb
Manganese	55-2	2533.57	2536.57	2538.61	2536.25	0.10	ppb
Molybdenum	94-1	1261.61	1278.50	1280.31	1273.48	0.81	ppb
Molybdenum	95-1	1270.70	1279.04	1278.54	1276.09	0.37	ppb
Molybdenum	96-1	1265.53	1276.66	1277.60	1273.26	0.53	ppb
Molybdenum	97-1	1273.02	1279.41	1291.22	1281.22	0.72	ppb
Molybdenum	98-1	1282.56	1266.76	1282.77	1277.36	0.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	259.60	261.34	260.53	260.49	0.33	ppb
Phosphorus	31-2	5139.10	5071.08	5210.21	5140.13	1.35	ppb
Potassium	39-2	13344.10	13382.39	13419.89	13382.13	0.28	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	262.19	265.99	267.15	265.11	0.98	ppb
Selenium	77-2	269.78	270.10	266.83	268.90	0.67	ppb
Selenium	78-2	250.17	258.07	248.46	252.24	2.03	ppb
Silicon	28-1	225.64	233.65	233.19	230.83	1.95	ppb
Silver	107-1	252.96	258.57	260.57	257.37	1.53	ppb
Silver	109-1	252.72	259.26	260.67	257.55	1.65	ppb
Sodium	23-2	25600.63	25508.21	25432.69	25513.84	0.33	ppb
Strontium	86-1	251.41	254.97	254.76	253.71	0.79	ppb
Strontium	88-1	254.58	253.14	256.84	254.85	0.73	ppb
Sulfur	34-1	4554.75	4752.91	4430.88	4579.51	3.55	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	250.36	252.05	252.15	251.52	0.40	ppb
Thallium	205-1	248.64	248.39	249.36	248.79	0.20	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 07:55:13	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	237.58	238.64	239.83	238.68	0.47	ppb
Tin	118-1	250.39	257.36	258.65	255.47	1.74	ppb
Titanium	47-1	1260.57	1273.69	1273.23	1269.17	0.59	ppb
Uranium	238-1	245.22	247.00	247.86	246.69	0.55	ppb
Vanadium	51-2	253.40	256.61	253.01	254.34	0.78	ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	2638.22	2627.71	2635.60	2633.85	0.21	ppb
Zirconium	90-1	255.31	256.74	259.01	257.02	0.73	ppb
Zirconium	91-1	257.07	256.46	260.07	257.87	0.75	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 07:58:16	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9691.03	9753.80	9645.74	9696.85	0.56	ppb
Antimony	121-1	497.80	492.91	510.08	500.26	1.77	ppb
Arsenic	75-2	500.06	497.38	498.93	498.79	0.27	ppb
Barium	135-1	2478.35	2453.64	2540.97	2490.99	1.81	ppb
Barium	137-1	2504.01	2441.54	2517.37	2487.64	1.63	ppb
Beryllium	9-1	507.50	511.97	507.45	508.97	0.51	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Boron	10-1	480.93	508.29	502.54	497.25	2.90	ppb
Boron	11-1	486.07	504.11	511.73	500.64	2.63	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	510.28	503.23	516.63	510.05	1.31	ppb
Cadmium	106-1	502.92	500.83	516.43	506.73	1.67	ppb
Cadmium	108-1	502.11	499.46	514.92	505.49	1.64	ppb
Calcium	43-1	55884.25	56311.08	56491.69	56229.01	0.55	ppb
Calcium	44-1	51242.57	51608.19	52366.85	51739.20	1.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	505.77	509.66	504.96	506.80	0.50	ppb
Cobalt	59-2	509.10	508.44	508.79	508.78	0.06	ppb
Copper	63-2	5126.08	5043.61	5019.24	5062.98	1.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	56-2	25042.59	25088.96	25302.65	25144.74	0.55	ppb
Iron	57-2	25563.16	25552.49	25582.96	25566.21	0.06	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 07:58:16	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	26325.47	26331.15	26228.89	26295.17	0.22	ppb
Krypton	83-1						cps
Lead	206-1	2472.32	2487.52	2495.50	2485.12	0.47	ppb
Lead	207-1	2485.35	2477.07	2463.57	2475.33	0.44	ppb
Lead	208-1	2482.36	2490.55	2454.65	2475.86	0.76	ppb
Lithium	6-1				94		%
Magnesium	24-2	48945.29	48422.56	48209.01	48525.62	0.78	ppb
Manganese	55-2	5006.36	5044.91	5040.07	5030.45	0.42	ppb
Molybdenum	94-1	2533.05	2550.23	2533.97	2539.08	0.38	ppb
Molybdenum	95-1	2492.13	2532.90	2507.11	2510.72	0.82	ppb
Molybdenum	96-1	2529.66	2554.32	2529.97	2537.98	0.56	ppb
Molybdenum	97-1	2474.83	2524.04	2512.74	2503.87	1.03	ppb
Molybdenum	98-1	2510.08	2536.64	2515.67	2520.79	0.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	511.45	511.97	506.01	509.81	0.65	ppb
Phosphorus	31-2	9955.00	10177.89	9917.73	10016.87	1.40	ppb
Potassium	39-2	24840.29	24845.99	24809.04	24831.77	0.08	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	82-1	506.90	516.67	503.85	509.14	1.32	ppb
Selenium	77-2	530.23	506.11	496.12	510.82	3.43	ppb
Selenium	78-2	501.44	494.44	501.60	499.16	0.82	ppb
Silicon	28-1	510.27	535.53	545.47	530.42	3.42	ppb
Silver	107-1	502.10	497.45	513.66	504.40	1.65	ppb
Silver	109-1	502.66	500.55	511.66	504.96	1.17	ppb
Sodium	23-2	50492.17	50301.86	49950.44	50248.16	0.55	ppb
Strontium	86-1	508.78	515.41	500.16	508.12	1.50	ppb
Strontium	88-1	506.18	518.42	502.85	509.15	1.61	ppb
Sulfur	34-1	9949.97	9994.33	9703.42	9882.57	1.59	ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	493.05	501.48	498.74	497.76	0.86	ppb
Thallium	205-1	498.62	494.18	496.81	496.54	0.45	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 07:58:16	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	492.22	495.09	495.17	494.16	0.34	ppb
Tin	118-1	507.81	502.77	515.90	508.82	1.30	ppb
Titanium	47-1	2496.56	2507.29	2502.01	2501.95	0.21	ppb
Uranium	238-1	492.23	488.74	487.74	489.57	0.48	ppb
Vanadium	51-2	502.12	503.17	500.57	501.95	0.26	ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	5132.93	5119.73	5065.46	5106.04	0.70	ppb
Zirconium	90-1	504.45	508.11	499.71	504.09	0.84	ppb
Zirconium	91-1	506.00	514.85	507.09	509.31	0.95	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 08:01:14	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19270.91	19250.12	18794.86	19105.30	1.41	ppb
Antimony	121-1	995.36	1000.94	1001.59	999.30	0.34	ppb
Arsenic	75-2	1001.32	1004.13	992.65	999.37	0.60	ppb
Barium	135-1	4936.43	5042.88	5020.63	4999.98	1.12	ppb
Barium	137-1	4992.14	5011.94	5010.38	5004.82	0.22	ppb
Beryllium	9-1	999.01	989.04	990.59	992.88	0.54	ppb
Bismuth	209-1				97		%
Bismuth	209-2				96		%
Boron	10-1	976.44	996.06	1029.48	1000.66	2.68	ppb
Boron	11-1	983.71	989.64	1023.47	998.94	2.15	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	986.92	998.39	991.57	992.29	0.58	ppb
Cadmium	106-1	988.83	1002.65	993.86	995.11	0.70	ppb
Cadmium	108-1	995.68	1006.42	984.88	995.66	1.08	ppb
Calcium	43-1	110547.95	111681.00	110591.68	110940.21	0.58	ppb
Calcium	44-1	102520.64	103095.60	102824.86	102813.70	0.28	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	999.92	996.40	986.84	994.39	0.68	ppb
Cobalt	59-2	999.52	993.03	984.15	992.23	0.78	ppb
Copper	63-2	9950.33	10054.49	9852.11	9952.31	1.02	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				103		%
Holmium	165-2				102		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	56-2	49468.36	49875.71	49514.61	49619.56	0.45	ppb
Iron	57-2	50430.10	50291.93	50189.78	50303.94	0.24	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 08:01:14	DataFile Name :	012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	51574.02	50375.57	50564.84	50838.14	1.27	ppb
Krypton	83-1						cps
Lead	206-1	4915.75	5101.64	5009.25	5008.88	1.86	ppb
Lead	207-1	4954.98	5114.32	4972.72	5014.01	1.74	ppb
Lead	208-1	5000.58	5053.94	4987.80	5014.11	0.70	ppb
Lithium	6-1				94		%
Magnesium	24-2	96809.10	96501.98	95581.17	96297.42	0.66	ppb
Manganese	55-2	10119.75	9885.30	9911.93	9972.32	1.29	ppb
Molybdenum	94-1	4880.04	5048.53	4987.80	4972.13	1.72	ppb
Molybdenum	95-1	4910.95	5051.32	4994.33	4985.53	1.42	ppb
Molybdenum	96-1	4842.99	5095.65	4979.05	4972.57	2.54	ppb
Molybdenum	97-1	4859.26	5131.71	4972.71	4987.89	2.74	ppb
Molybdenum	98-1	4907.53	5074.32	4959.68	4980.51	1.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	996.53	992.88	985.79	991.73	0.55	ppb
Phosphorus	31-2	20090.98	20021.63	19744.27	19952.29	0.92	ppb
Potassium	39-2	49579.17	49382.97	49475.24	49479.13	0.20	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	82-1	971.32	1011.21	989.71	990.74	2.01	ppb
Selenium	77-2	997.15	1004.64	968.92	990.24	1.90	ppb
Selenium	78-2	996.74	994.47	1005.64	998.95	0.59	ppb
Silicon	28-1	966.63	998.09	1007.32	990.68	2.15	ppb
Silver	107-1	998.50	997.90	987.92	994.77	0.60	ppb
Silver	109-1	989.05	1006.20	988.33	994.53	1.02	ppb
Sodium	23-2	101082.76	100070.42	98312.19	99821.79	1.40	ppb
Strontium	86-1	985.19	1002.49	995.97	994.55	0.88	ppb
Strontium	88-1	977.09	1012.90	991.24	993.75	1.81	ppb
Sulfur	34-1	20263.79	20232.19	20041.40	20179.12	0.60	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	1002.76	1006.17	992.41	1000.45	0.72	ppb
Thallium	205-1	995.59	1011.88	998.34	1001.94	0.87	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 08:01:14	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	1017.14	1006.56	995.70	1006.47	1.07	ppb
Tin	118-1	988.90	995.61	995.46	993.32	0.39	ppb
Titanium	47-1	4965.16	5015.80	4997.75	4992.90	0.51	ppb
Uranium	238-1	1003.68	1018.41	996.53	1006.21	1.11	ppb
Vanadium	51-2	1007.99	996.09	989.11	997.73	0.96	ppb
Yttrium	89-1				103		%
Yttrium	89-2				100		%
Zinc	66-2	9914.66	9985.23	9809.02	9902.97	0.90	ppb
Zirconium	90-1	979.57	1012.02	995.13	995.57	1.63	ppb
Zirconium	91-1	973.38	1010.80	994.57	992.92	1.89	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 08:04:11	DataFile Name :	013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100174.95	100560.32	99758.48	100164.58	0.40	ppb
Antimony	121-1	1.06	1.02	1.07	1.05	2.35	ppb
Arsenic	75-2	0.69	0.56	0.67	0.64	11.20	ppb
Barium	135-1	3.97	3.53	3.75	3.75	5.95	ppb
Barium	137-1	3.86	3.55	3.83	3.75	4.55	ppb
Beryllium	9-1	0.69	0.58	0.64	0.64	8.52	ppb
Bismuth	209-1				89		%
Bismuth	209-2				90		%
Boron	10-1	32.80	31.05	30.04	31.30	4.47	ppb
Boron	11-1	33.91	29.88	27.67	30.49	10.39	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.53	0.60	0.62	0.58	7.53	ppb
Cadmium	106-1	-0.68	0.31	-0.92	-0.43		ppb
Cadmium	108-1	1.07	0.69	0.94	0.90	21.77	ppb
Calcium	43-1	501498.86	480166.35	509279.02	496981.41	3.03	ppb
Calcium	44-1	502503.20	485673.72	509379.46	499185.46	2.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6.69	6.73	6.48	6.63	1.97	ppb
Cobalt	59-2	1.85	1.78	1.71	1.78	3.91	ppb
Copper	63-2	9.20	9.08	8.59	8.96	3.58	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				95		%
Indium	115-2				97		%
Iron	56-2	248314.61	253350.53	248482.81	250049.32	1.14	ppb
Iron	57-2	248796.86	253577.26	247162.11	249845.41	1.33	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 08:04:11	DataFile Name :	013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	252340.40	246897.88	249693.00	249643.76	1.09	ppb
Krypton	83-1						cps
Lead	206-1	12.45	12.58	12.65	12.56	0.78	ppb
Lead	207-1	12.50	12.64	12.79	12.65	1.14	ppb
Lead	208-1	12.59	12.65	12.76	12.67	0.66	ppb
Lithium	6-1				93		%
Magnesium	24-2	499798.43	506689.80	496204.12	500897.45	1.06	ppb
Manganese	55-2	9.05	8.66	8.03	8.58	6.03	ppb
Molybdenum	94-1	3.39	3.28	3.55	3.41	4.03	ppb
Molybdenum	95-1	3.61	3.48	3.79	3.63	4.22	ppb
Molybdenum	96-1	3.59	3.83	3.88	3.77	4.03	ppb
Molybdenum	97-1	3.70	3.54	3.64	3.63	2.20	ppb
Molybdenum	98-1	3.56	3.43	3.69	3.56	3.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.59	3.57	3.73	3.63	2.50	ppb
Phosphorus	31-2	23.94	21.70	24.96	23.53	7.09	ppb
Potassium	39-2	251443.53	248297.97	250450.37	250063.96	0.64	ppb
Rhodium	103-1				89		%
Rhodium	103-2				91		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	82-1	-0.65	1.79	-0.27	0.29	453.64	ppb
Selenium	77-2	1.40	0.00	1.75	1.05	88.15	ppb
Selenium	78-2	0.08	0.83	0.46	0.46	81.93	ppb
Silicon	28-1	15.92	13.51	17.83	15.75	13.72	ppb
Silver	107-1	0.71	0.66	0.70	0.69	3.85	ppb
Silver	109-1	0.74	0.70	0.63	0.69	8.33	ppb
Sodium	23-2	497202.48	504513.49	498215.40	499977.12	0.79	ppb
Strontium	86-1	0.68	0.68	0.71	0.69	2.61	ppb
Strontium	88-1	0.67	0.66	0.69	0.67	2.60	ppb
Sulfur	34-1	-1419.09	-1958.55	-1267.57	-1548.41		ppb
Terbium	159-1				99		%
Terbium	159-2				102		%
Thallium	203-1	0.91	0.83	0.86	0.87	5.02	ppb
Thallium	205-1	0.89	0.79	0.77	0.82	8.02	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 08:04:11	DataFile Name :	013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.50	0.50	0.56	0.52	5.81	ppb
Tin	118-1	0.94	1.04	1.11	1.03	7.95	ppb
Titanium	47-1	3.05	2.69	3.02	2.92	6.86	ppb
Uranium	238-1	0.52	0.48	0.54	0.51	6.66	ppb
Vanadium	51-2	0.52	0.51	0.43	0.49	10.31	ppb
Yttrium	89-1				100		%
Yttrium	89-2				102		%
Zinc	66-2	28.30	28.02	28.44	28.25	0.74	ppb
Zirconium	90-1	0.58	0.52	0.58	0.56	6.09	ppb
Zirconium	91-1	0.54	0.48	0.63	0.55	13.98	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 08:28:38	DataFile Name :	014ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	491.54	489.47	489.95	490.32	0.22	ppb
Antimony	121-1	199.09	199.84	203.10	200.68	1.06	ppb
Arsenic	75-2	202.87	202.45	202.37	202.56	0.13	ppb
Barium	135-1	103.13	102.20	104.07	103.13	0.91	ppb
Barium	137-1	102.22	101.72	104.52	102.82	1.45	ppb
Beryllium	9-1	101.33	102.03	100.10	101.15	0.97	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	10-1	467.30	493.61	505.71	488.87	4.02	ppb
Boron	11-1	472.20	496.12	509.85	492.72	3.87	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	105.84	106.25	107.41	106.50	0.77	ppb
Cadmium	106-1	179.18	179.35	174.81	177.78	1.45	ppb
Cadmium	108-1	156.15	156.21	156.84	156.40	0.25	ppb
Calcium	43-1	2303.08	2442.18	2391.08	2378.78	2.96	ppb
Calcium	44-1	2167.64	2191.15	2195.03	2184.61	0.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	101.45	101.02	100.65	101.04	0.39	ppb
Cobalt	59-2	104.41	103.77	104.16	104.11	0.31	ppb
Copper	63-2	104.94	104.32	105.57	104.95	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				103		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	2002.29	1961.19	1974.52	1979.33	1.06	ppb
Iron	57-2	2033.41	2002.23	1999.86	2011.83	0.93	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 08:28:38	DataFile Name :	014ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2147.60	2095.16	2121.81	2121.52	1.24	ppb
Krypton	83-1						cps
Lead	206-1	215.81	220.22	221.40	219.14	1.35	ppb
Lead	207-1	200.08	202.43	204.19	202.23	1.02	ppb
Lead	208-1	207.36	210.69	212.92	210.32	1.33	ppb
Lithium	6-1				100		%
Magnesium	24-2	1161.03	1171.96	1156.82	1163.27	0.67	ppb
Manganese	55-2	100.75	99.52	99.94	100.07	0.62	ppb
Molybdenum	94-1	2424.20	2518.89	2478.47	2473.85	1.92	ppb
Molybdenum	95-1	2403.19	2480.81	2443.01	2442.33	1.59	ppb
Molybdenum	96-1	2391.77	2497.88	2456.33	2448.66	2.18	ppb
Molybdenum	97-1	2354.04	2460.16	2434.71	2416.30	2.29	ppb
Molybdenum	98-1	2405.89	2451.44	2454.84	2437.39	1.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	103.73	103.80	103.81	103.78	0.04	ppb
Phosphorus	31-2	-6.90	14.30	14.78	7.40	167.37	ppb
Potassium	39-2	2037.31	2060.42	2033.84	2043.86	0.71	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	82-1	205.58	220.17	209.29	211.68	3.58	ppb
Selenium	77-2	192.98	211.22	211.77	205.32	5.21	ppb
Selenium	78-2	210.78	200.46	208.07	206.44	2.59	ppb
Silicon	28-1	412.62	417.04	415.49	415.05	0.54	ppb
Silver	107-1	51.76	51.74	52.46	51.99	0.79	ppb
Silver	109-1	50.52	51.05	51.84	51.14	1.30	ppb
Sodium	23-2	1987.75	2013.03	1981.05	1993.94	0.85	ppb
Strontium	86-1	51.23	53.02	52.98	52.41	1.95	ppb
Strontium	88-1	51.54	53.36	52.35	52.41	1.74	ppb
Sulfur	34-1	-960.78	-989.42	-1261.06	-1070.42		ppb
Terbium	159-1				102		%
Terbium	159-2				104		%
Thallium	203-1	207.53	213.97	211.96	211.15	1.56	ppb
Thallium	205-1	204.76	209.48	210.14	208.13	1.41	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 08:28:38	DataFile Name :	014ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	6.52	6.62	6.77	6.64	1.88	ppb
Tin	118-1	524.33	530.18	535.06	529.86	1.01	ppb
Titanium	47-1	2674.85	2693.52	2658.61	2675.66	0.65	ppb
Uranium	238-1	482.67	493.42	500.21	492.10	1.80	ppb
Vanadium	51-2	97.86	97.76	98.03	97.88	0.14	ppb
Yttrium	89-1				106		%
Yttrium	89-2				103		%
Zinc	66-2	202.53	201.72	202.47	202.24	0.22	ppb
Zirconium	90-1	508.45	523.11	519.49	517.02	1.48	ppb
Zirconium	91-1	500.65	515.68	516.30	510.88	1.73	ppb

LB Number : LB114597 Operator : JASWAL
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2021-05-21 08:32:12 DataFile Name : 015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.20	-0.02	0.26	0.14	103.23	ppb
Antimony	121-1	0.09	0.07	0.07	0.07	14.28	ppb
Arsenic	75-2	0.02	0.00	0.04	0.02	103.82	ppb
Barium	135-1	0.01	0.02	0.01	0.02	37.92	ppb
Barium	137-1	0.01	-0.01	-0.01	0.00		ppb
Beryllium	9-1	0.03	0.05	0.04	0.04	28.09	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	10-1	12.77	10.86	10.37	11.33	11.21	ppb
Boron	11-1	12.89	12.51	10.64	12.01	10.03	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.02	-0.06	-0.03	-0.04		ppb
Cadmium	106-1	-2.13	-3.37	-2.30	-2.60		ppb
Cadmium	108-1	-0.11	-0.07	-0.05	-0.08		ppb
Calcium	43-1	3.05	-4.53	0.76	-0.24		ppb
Calcium	44-1	-1.76	0.85	2.04	0.38	515.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.00	0.03	0.02	79.94	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	12.39	ppb
Copper	63-2	0.07	0.02	0.05	0.04	51.97	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				103		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	56-2	0.46	0.70	0.59	0.58	20.18	ppb
Iron	57-2	0.20	0.40	1.02	0.54	78.67	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 08:32:12	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2.03	2.49	1.11	1.88	37.35	ppb
Krypton	83-1						cps
Lead	206-1	0.17	0.18	0.18	0.18	3.08	ppb
Lead	207-1	0.15	0.14	0.16	0.15	5.93	ppb
Lead	208-1	0.16	0.16	0.16	0.16	1.56	ppb
Lithium	6-1				97		%
Magnesium	24-2	0.11	0.30	0.62	0.35	73.56	ppb
Manganese	55-2	0.00	0.00	0.03	0.01	145.05	ppb
Molybdenum	94-1	0.44	0.33	0.32	0.37	18.19	ppb
Molybdenum	95-1	0.37	0.41	0.34	0.37	10.06	ppb
Molybdenum	96-1	0.49	0.39	0.30	0.39	24.84	ppb
Molybdenum	97-1	0.46	0.40	0.34	0.40	15.22	ppb
Molybdenum	98-1	0.40	0.40	0.31	0.37	12.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.01	-0.02	-0.01		ppb
Phosphorus	31-2	0.57	2.54	2.20	1.77	59.71	ppb
Potassium	39-2	5.89	7.59	13.54	9.01	44.57	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	82-1	-1.58	0.02	-3.15	-1.57		ppb
Selenium	77-2	0.35	0.35	0.00	0.23	86.61	ppb
Selenium	78-2	-0.26	0.47	0.23	0.15	250.79	ppb
Silicon	28-1	1.78	1.64	1.72	1.71	4.29	ppb
Silver	107-1	0.04	0.03	0.03	0.03	16.09	ppb
Silver	109-1	0.04	0.02	0.03	0.03	22.89	ppb
Sodium	23-2	18.63	19.66	20.41	19.57	4.58	ppb
Strontium	86-1	0.03	-0.01	0.01	0.01	183.57	ppb
Strontium	88-1	0.01	0.00	0.00	0.01	17.28	ppb
Sulfur	34-1	-1162.32	-1098.72	-864.45	-1041.83		ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	0.07	0.06	0.05	0.06	15.91	ppb
Thallium	205-1	0.07	0.06	0.05	0.06	16.29	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 08:32:12	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	23.44	ppb
Tin	118-1	0.08	0.06	0.07	0.07	20.99	ppb
Titanium	47-1	0.28	0.30	0.32	0.30	7.07	ppb
Uranium	238-1	0.06	0.04	0.05	0.05	21.01	ppb
Vanadium	51-2	0.01	0.01	0.00	0.01	76.01	ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	0.19	0.21	0.22	0.21	5.80	ppb
Zirconium	90-1	0.07	0.05	0.06	0.06	12.32	ppb
Zirconium	91-1	0.05	0.03	0.07	0.05	50.46	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 08:35:21	DataFile Name :	016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	88010.75	88839.30	87602.44	88150.83	0.71	ppb
Antimony	121-1	1.16	1.05	1.05	1.08	6.15	ppb
Arsenic	75-2	0.31	0.28	0.31	0.30	6.25	ppb
Barium	135-1	1.46	1.53	1.39	1.46	4.82	ppb
Barium	137-1	1.39	1.44	1.27	1.37	6.25	ppb
Beryllium	9-1	0.33	0.33	0.34	0.33	1.70	ppb
Bismuth	209-1				96		%
Bismuth	209-2				98		%
Boron	10-1	7.22	8.42	7.25	7.63	8.98	ppb
Boron	11-1	6.88	7.41	6.75	7.01	4.98	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.60	0.54	0.45	0.53	13.93	ppb
Cadmium	106-1	-1.38	-1.52	-2.28	-1.73		ppb
Cadmium	108-1	14.27	14.09	14.42	14.26	1.16	ppb
Calcium	43-1	102759.83	104090.74	104452.99	103767.85	0.86	ppb
Calcium	44-1	97193.49	96895.93	98513.70	97534.37	0.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.71	19.74	19.92	19.79	0.58	ppb
Cobalt	59-2	1.21	1.13	1.19	1.18	3.55	ppb
Copper	63-2	7.90	8.09	8.21	8.06	1.95	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				104		%
Holmium	165-2				106		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	56-2	97118.87	95860.90	96133.15	96370.97	0.69	ppb
Iron	57-2	96746.99	95784.12	95304.16	95945.09	0.77	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 08:35:21	DataFile Name :	016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	96127.51	97163.56	97863.20	97051.42	0.90	ppb
Krypton	83-1						cps
Lead	206-1	6.21	5.97	5.78	5.99	3.58	ppb
Lead	207-1	5.56	5.32	4.96	5.28	5.75	ppb
Lead	208-1	5.84	5.55	5.32	5.57	4.70	ppb
Lithium	6-1				95		%
Magnesium	24-2	89180.22	90313.54	89410.31	89634.69	0.67	ppb
Manganese	55-2	7.46	7.44	7.53	7.47	0.63	ppb
Molybdenum	94-1	1276.57	1317.94	1299.20	1297.90	1.60	ppb
Molybdenum	95-1	1846.06	1883.12	1826.79	1851.99	1.55	ppb
Molybdenum	96-1	1763.06	1825.82	1795.95	1794.94	1.75	ppb
Molybdenum	97-1	1813.97	1867.05	1847.78	1842.93	1.46	ppb
Molybdenum	98-1	1822.84	1869.20	1855.97	1849.34	1.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.24	5.20	5.44	5.30	2.41	ppb
Phosphorus	31-2	95345.69	95963.04	95766.21	95691.65	0.33	ppb
Potassium	39-2	94525.67	94522.67	93560.57	94202.97	0.59	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				104		%
Selenium	82-1	-2.93	-2.05	-0.78	-1.92		ppb
Selenium	77-2	0.00	1.37	0.00	0.46	173.21	ppb
Selenium	78-2	0.51	0.32	-0.19	0.21	171.24	ppb
Silicon	28-1	20.00	19.37	20.10	19.82	1.99	ppb
Silver	107-1	0.07	0.06	0.07	0.06	9.61	ppb
Silver	109-1	0.06	0.07	0.06	0.06	11.56	ppb
Sodium	23-2	95944.73	96663.71	96191.14	96266.53	0.38	ppb
Strontium	86-1	3.35	3.44	3.44	3.41	1.42	ppb
Strontium	88-1	3.37	3.45	3.45	3.42	1.41	ppb
Sulfur	34-1	101450.95	101227.64	101116.39	101264.99	0.17	ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	0.21	0.23	0.24	0.23	8.71	ppb
Thallium	205-1	0.20	0.20	0.24	0.21	11.19	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 08:35:21	DataFile Name :	016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.01	0.01	0.01	10.42	ppb
Tin	118-1	0.20	0.17	0.19	0.19	8.38	ppb
Titanium	47-1	1960.87	1988.80	1977.29	1975.65	0.71	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	7.65	ppb
Vanadium	51-2	0.16	0.17	0.14	0.16	7.33	ppb
Yttrium	89-1				105		%
Yttrium	89-2				105		%
Zinc	66-2	11.18	11.73	11.84	11.58	3.04	ppb
Zirconium	90-1	0.03	0.04	0.04	0.04	14.87	ppb
Zirconium	91-1	0.03	0.06	0.04	0.04	31.41	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 08:38:25	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90294.86	87736.11	86905.51	88312.16	2.00	ppb
Antimony	121-1	21.17	21.57	21.26	21.33	0.98	ppb
Arsenic	75-2	20.98	20.29	20.01	20.43	2.45	ppb
Barium	135-1	21.02	22.03	21.81	21.62	2.45	ppb
Barium	137-1	21.36	21.52	22.11	21.66	1.82	ppb
Beryllium	9-1	19.96	20.23	20.97	20.38	2.56	ppb
Bismuth	209-1				97		%
Bismuth	209-2				98		%
Boron	10-1	67.25	66.94	69.34	67.84	1.93	ppb
Boron	11-1	67.77	66.43	69.04	67.75	1.93	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	20.13	20.74	20.99	20.62	2.15	ppb
Cadmium	106-1	22.63	23.63	23.44	23.23	2.27	ppb
Cadmium	108-1	36.94	36.62	35.78	36.45	1.63	ppb
Calcium	43-1	104540.86	104155.76	104629.41	104442.01	0.24	ppb
Calcium	44-1	97794.93	96827.08	99096.03	97906.01	1.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	39.76	39.48	39.36	39.54	0.52	ppb
Cobalt	59-2	21.45	21.19	21.05	21.23	0.94	ppb
Copper	63-2	28.74	28.55	28.24	28.51	0.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				104		%
Iron	56-2	97095.82	96778.77	98319.90	97398.16	0.84	ppb
Iron	57-2	99759.85	96377.29	96803.77	97646.97	1.89	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 08:38:25	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	98283.90	96838.88	96920.11	97347.63	0.83	ppb
Krypton	83-1						cps
Lead	206-1	25.54	25.55	25.42	25.50	0.27	ppb
Lead	207-1	23.33	23.39	23.38	23.36	0.13	ppb
Lead	208-1	24.25	24.10	24.09	24.15	0.36	ppb
Lithium	6-1				94		%
Magnesium	24-2	90683.68	90102.40	89133.24	89973.11	0.87	ppb
Manganese	55-2	27.18	26.87	27.14	27.06	0.62	ppb
Molybdenum	94-1	1403.16	1436.95	1421.21	1420.44	1.19	ppb
Molybdenum	95-1	1902.20	1910.22	1929.49	1913.97	0.73	ppb
Molybdenum	96-1	1849.33	1863.15	1880.10	1864.20	0.83	ppb
Molybdenum	97-1	1849.98	1911.63	1904.32	1888.64	1.78	ppb
Molybdenum	98-1	1906.06	1914.11	1900.76	1906.98	0.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.89	25.42	24.83	25.38	2.10	ppb
Phosphorus	31-2	96675.11	96349.43	95733.79	96252.77	0.50	ppb
Potassium	39-2	96402.95	95697.58	95084.20	95728.24	0.69	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				105		%
Selenium	82-1	18.74	20.24	19.94	19.64	4.06	ppb
Selenium	77-2	20.55	21.66	26.14	22.78	12.99	ppb
Selenium	78-2	19.88	19.43	18.75	19.35	2.94	ppb
Silicon	28-1	62.95	66.03	66.11	65.03	2.77	ppb
Silver	107-1	19.54	19.70	20.23	19.82	1.84	ppb
Silver	109-1	19.44	19.67	19.71	19.61	0.76	ppb
Sodium	23-2	98352.65	96955.57	95713.22	97007.15	1.36	ppb
Strontium	86-1	8.91	8.99	8.92	8.94	0.46	ppb
Strontium	88-1	8.81	9.02	8.99	8.94	1.28	ppb
Sulfur	34-1	99611.86	100712.57	101374.32	100566.25	0.89	ppb
Terbium	159-1				104		%
Terbium	159-2				106		%
Thallium	203-1	20.54	20.91	20.55	20.67	1.01	ppb
Thallium	205-1	20.28	20.90	20.33	20.50	1.70	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 08:38:25	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.72	0.70	0.70	0.71	1.89	ppb
Tin	118-1	55.58	56.33	56.19	56.03	0.72	ppb
Titanium	47-1	2013.11	2059.00	2043.39	2038.50	1.14	ppb
Uranium	238-1	54.07	54.15	53.67	53.96	0.48	ppb
Vanadium	51-2	19.94	19.74	19.46	19.72	1.22	ppb
Yttrium	89-1				107		%
Yttrium	89-2				106		%
Zinc	66-2	32.74	31.18	32.12	32.01	2.44	ppb
Zirconium	90-1	53.68	54.99	54.63	54.43	1.24	ppb
Zirconium	91-1	54.04	54.82	54.89	54.59	0.86	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	CCV01	Instrumnet Name :	P7
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 08:41:30	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48056.32	47308.85	47581.18	47648.78	0.79	ppb
Antimony	121-1	504.70	501.46	503.25	503.14	0.32	ppb
Arsenic	75-2	494.29	488.32	488.66	490.42	0.68	ppb
Barium	135-1	2467.98	2483.28	2506.82	2486.02	0.79	ppb
Barium	137-1	2539.92	2509.43	2507.67	2519.01	0.72	ppb
Beryllium	9-1	512.73	512.87	509.64	511.75	0.36	ppb
Bismuth	209-1				93		%
Bismuth	209-2				94		%
Boron	10-1	495.28	504.70	514.96	504.98	1.95	ppb
Boron	11-1	497.11	525.01	522.23	514.78	2.99	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	513.71	514.09	515.66	514.49	0.20	ppb
Cadmium	106-1	518.16	510.84	519.33	516.11	0.89	ppb
Cadmium	108-1	504.83	505.56	525.05	511.82	2.24	ppb
Calcium	43-1	264886.41	263803.15	265975.75	264888.44	0.41	ppb
Calcium	44-1	251276.70	248635.90	247796.22	249236.27	0.73	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	494.10	492.71	497.02	494.61	0.44	ppb
Cobalt	59-2	491.76	484.17	491.52	489.15	0.88	ppb
Copper	63-2	4953.04	4904.53	4911.86	4923.14	0.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				104		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	56-2	122796.67	120842.32	122674.10	122104.36	0.90	ppb
Iron	57-2	121406.40	121596.80	122193.68	121732.29	0.34	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	CCV01	Instrumnet Name :	P7
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 08:41:30	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	122775.83	121799.88	122552.56	122376.09	0.42	ppb
Krypton	83-1						cps
Lead	206-1	2539.31	2527.62	2510.69	2525.88	0.57	ppb
Lead	207-1	2521.04	2520.32	2535.62	2525.66	0.34	ppb
Lead	208-1	2536.89	2533.49	2533.68	2534.69	0.08	ppb
Lithium	6-1				92		%
Magnesium	24-2	240977.58	242900.65	242865.77	242248.00	0.45	ppb
Manganese	55-2	4965.39	4956.53	4940.85	4954.25	0.25	ppb
Molybdenum	94-1	2532.02	2559.89	2575.30	2555.74	0.86	ppb
Molybdenum	95-1	2553.23	2544.30	2555.11	2550.88	0.23	ppb
Molybdenum	96-1	2513.82	2525.16	2540.30	2526.42	0.53	ppb
Molybdenum	97-1	2482.66	2489.90	2495.34	2489.30	0.26	ppb
Molybdenum	98-1	2488.96	2529.64	2552.10	2523.56	1.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	485.17	482.44	481.89	483.17	0.36	ppb
Phosphorus	31-2	10122.56	10008.12	10111.25	10080.64	0.63	ppb
Potassium	39-2	121194.09	121284.13	121102.32	121193.51	0.08	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				102		%
Scandium	45-2				104		%
Selenium	82-1	496.28	500.02	504.67	500.32	0.84	ppb
Selenium	77-2	501.17	492.93	499.04	497.71	0.86	ppb
Selenium	78-2	500.03	483.05	493.80	492.29	1.75	ppb
Silicon	28-1	443.32	450.14	450.72	448.06	0.92	ppb
Silver	107-1	509.24	512.28	512.84	511.46	0.38	ppb
Silver	109-1	501.91	504.17	508.62	504.90	0.68	ppb
Sodium	23-2	238389.94	234771.78	237685.03	236948.92	0.81	ppb
Strontium	86-1	510.82	501.20	511.13	507.72	1.11	ppb
Strontium	88-1	511.10	506.67	508.38	508.71	0.44	ppb
Sulfur	34-1	8953.45	8933.82	8909.55	8932.28	0.25	ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	504.12	504.16	504.01	504.10	0.02	ppb
Thallium	205-1	506.11	507.92	508.66	507.56	0.26	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	CCV01	Instrumnet Name :	P7
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 08:41:30	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	517.78	521.00	523.15	520.64	0.52	ppb
Tin	118-1	506.36	499.08	506.20	503.88	0.83	ppb
Titanium	47-1	2491.93	2507.51	2502.49	2500.64	0.32	ppb
Uranium	238-1	516.22	517.95	516.11	516.76	0.20	ppb
Vanadium	51-2	494.69	494.71	497.08	495.49	0.28	ppb
Yttrium	89-1				104		%
Yttrium	89-2				105		%
Zinc	66-2	4913.54	4889.23	4879.35	4894.04	0.36	ppb
Zirconium	90-1	513.04	499.60	512.08	508.24	1.48	ppb
Zirconium	91-1	506.47	506.85	514.10	509.14	0.84	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	CCB01	Instrumnet Name :	P7
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 08:55:17	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.35	0.41	0.18	0.31	36.81	ppb
Antimony	121-1	0.03	0.03	0.03	0.03	15.20	ppb
Arsenic	75-2	0.00	0.01	0.00	0.00	81.13	ppb
Barium	135-1	0.02	0.00	-0.01	0.00	294.12	ppb
Barium	137-1	0.02	-0.01	0.01	0.01	183.36	ppb
Beryllium	9-1	0.05	0.05	0.05	0.05	7.30	ppb
Bismuth	209-1				99		%
Bismuth	209-2				101		%
Boron	10-1	3.47	4.39	3.38	3.75	14.90	ppb
Boron	11-1	3.46	3.56	3.57	3.53	1.87	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.06	-0.03	-0.05	-0.05		ppb
Cadmium	106-1	-3.23	-1.88	-2.66	-2.59		ppb
Cadmium	108-1	-0.14	-0.14	-0.02	-0.10		ppb
Calcium	43-1	3.21	4.54	3.79	3.85	17.31	ppb
Calcium	44-1	-0.83	1.50	0.69	0.45	259.61	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	-0.01	0.06	0.02	162.98	ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	116.08	ppb
Copper	63-2	0.11	0.10	0.14	0.12	16.76	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				105		%
Indium	115-1				105		%
Indium	115-2				104		%
Iron	56-2	1.29	1.20	1.19	1.23	4.36	ppb
Iron	57-2	-0.32	0.69	0.78	0.38	158.28	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	CCB01	Instrumnet Name :	P7
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 08:55:17	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	3.66	2.37	3.10	3.04	21.38	ppb
Krypton	83-1						cps
Lead	206-1	0.19	0.18	0.17	0.18	5.91	ppb
Lead	207-1	0.13	0.11	0.17	0.14	21.00	ppb
Lead	208-1	0.16	0.16	0.16	0.16	0.81	ppb
Lithium	6-1				95		%
Magnesium	24-2	1.48	1.32	1.94	1.58	20.28	ppb
Manganese	55-2	0.03	0.05	0.03	0.04	33.69	ppb
Molybdenum	94-1	0.03	0.01	0.05	0.03	61.84	ppb
Molybdenum	95-1	0.06	0.08	0.05	0.06	20.27	ppb
Molybdenum	96-1	0.07	0.05	0.05	0.06	21.31	ppb
Molybdenum	97-1	0.07	0.02	0.05	0.05	50.98	ppb
Molybdenum	98-1	0.06	0.04	0.05	0.05	21.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.01	-0.01	-0.01		ppb
Phosphorus	31-2	-1.58	4.13	13.57	5.37	142.44	ppb
Potassium	39-2	21.80	24.46	20.04	22.10	10.06	ppb
Rhodium	103-1				106		%
Rhodium	103-2				103		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Selenium	82-1	0.22	-1.18	-1.48	-0.81		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.21	-0.27	0.89	0.28	210.70	ppb
Silicon	28-1	1.54	0.10	1.05	0.90	81.83	ppb
Silver	107-1	0.01	0.01	0.02	0.01	19.08	ppb
Silver	109-1	0.01	0.01	0.01	0.01	26.17	ppb
Sodium	23-2	29.36	28.13	29.31	28.93	2.40	ppb
Strontium	86-1	0.01	0.01	0.01	0.01	6.39	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	2.92	ppb
Sulfur	34-1	-929.58	-886.31	-1049.89	-955.26		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.15	0.18	0.18	0.17	10.19	ppb
Thallium	205-1	0.19	0.20	0.19	0.19	2.56	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	CCB01	Instrumnet Name :	P7
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 08:55:17	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.01	0.01	0.01	10.23	ppb
Tin	118-1	0.00	0.01	-0.02	0.00		ppb
Titanium	47-1	0.08	-0.01	0.08	0.05	99.02	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	0.88	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	17.61	ppb
Yttrium	89-1				106		%
Yttrium	89-2				105		%
Zinc	66-2	0.24	0.20	0.11	0.18	38.28	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	33.73	ppb
Zirconium	91-1	0.03	0.04	0.03	0.03	25.89	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	PB136477BL	Instrumnet Name :	P7
Client Sample ID :	PBW477	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 08:58:27	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.15	0.07	-0.05	-0.04		ppb
Antimony	121-1	0.02	0.01	0.01	0.01	49.46	ppb
Arsenic	75-2	0.00	0.01	-0.02	0.00		ppb
Barium	135-1	-0.01	-0.02	-0.01	-0.01		ppb
Barium	137-1	-0.01	0.00	0.00	0.00		ppb
Beryllium	9-1	0.08	0.06	0.04	0.06	35.35	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Boron	10-1	2.59	3.25	3.61	3.15	16.41	ppb
Boron	11-1	2.97	3.22	3.08	3.09	4.07	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.04	-0.05	-0.07	-0.05		ppb
Cadmium	106-1	-2.30	-2.70	-3.31	-2.77		ppb
Cadmium	108-1	-0.14	-0.20	-0.02	-0.12		ppb
Calcium	43-1	2.76	0.94	-2.40	0.43	605.91	ppb
Calcium	44-1	-0.68	1.95	0.51	0.59	223.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.02	-0.03	-0.02		ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	87.27	ppb
Copper	63-2	0.07	0.06	0.11	0.08	36.59	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				104		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				104		%
Iron	56-2	0.46	0.49	0.34	0.43	17.91	ppb
Iron	57-2	-0.71	-0.24	-0.35	-0.43		ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	PB136477BL	Instrumnet Name :	P7
Client Sample ID :	PBW477	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 08:58:27	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	1.39	1.93	1.56	1.63	17.13	ppb
Krypton	83-1						cps
Lead	206-1	0.12	0.14	0.15	0.14	8.24	ppb
Lead	207-1	0.11	0.11	0.13	0.12	9.07	ppb
Lead	208-1	0.12	0.13	0.13	0.13	3.88	ppb
Lithium	6-1				95		%
Magnesium	24-2	0.42	0.03	-0.05	0.13	186.68	ppb
Manganese	55-2	0.02	0.04	0.02	0.03	44.38	ppb
Molybdenum	94-1	0.02	-0.01	-0.02	0.00		ppb
Molybdenum	95-1	0.03	0.02	0.04	0.03	31.68	ppb
Molybdenum	96-1	0.01	0.01	0.03	0.01	65.82	ppb
Molybdenum	97-1	0.02	0.04	0.01	0.02	47.58	ppb
Molybdenum	98-1	0.02	0.01	0.01	0.01	47.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.02	-0.04	-0.01		ppb
Phosphorus	31-2	16.72	12.34	8.01	12.36	35.21	ppb
Potassium	39-2	17.77	20.71	22.35	20.28	11.46	ppb
Rhodium	103-1				106		%
Rhodium	103-2				104		%
Scandium	45-1				103		%
Scandium	45-2				105		%
Selenium	82-1	-0.49	-0.53	-0.34	-0.45		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.09	1.28	-0.18	0.34	243.19	ppb
Silicon	28-1	1.66	1.77	0.67	1.37	44.50	ppb
Silver	107-1	0.00	0.00	0.01	0.01	79.60	ppb
Silver	109-1	0.01	0.01	0.00	0.01	22.03	ppb
Sodium	23-2	23.08	24.13	23.77	23.66	2.27	ppb
Strontium	86-1	0.00	0.01	0.01	0.00	92.87	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	89.38	ppb
Sulfur	34-1	-710.67	-719.32	-1109.67	-846.55		ppb
Terbium	159-1				102		%
Terbium	159-2				104		%
Thallium	203-1	0.15	0.16	0.14	0.15	4.59	ppb
Thallium	205-1	0.16	0.16	0.15	0.16	3.39	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	PB136477BL	Instrumnet Name :	P7
Client Sample ID :	PBW477	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 08:58:27	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	111.55	ppb
Tin	118-1	0.00	-0.01	-0.01	-0.01		ppb
Titanium	47-1	-0.01	-0.03	0.04	0.00	1244.82	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	17.31	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				106		%
Yttrium	89-2				105		%
Zinc	66-2	0.13	0.14	0.02	0.10	70.57	ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	856.65	ppb
Zirconium	91-1	0.02	0.00	0.01	0.01	138.11	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	PB136477BS	Instrumnet Name :	P7
Client Sample ID :	LCS477	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:01:38	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36.68	35.18	39.00	36.95	5.20	ppb
Antimony	121-1	1.86	1.94	1.90	1.90	2.04	ppb
Arsenic	75-2	1.75	1.65	1.69	1.70	2.94	ppb
Barium	135-1	17.70	17.80	17.96	17.82	0.73	ppb
Barium	137-1	17.68	18.53	18.24	18.15	2.39	ppb
Beryllium	9-1	1.86	1.80	2.20	1.96	10.99	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	10-1	47.15	50.96	49.94	49.35	3.99	ppb
Boron	11-1	45.77	48.79	50.90	48.49	5.33	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.62	1.64	1.74	1.67	4.16	ppb
Cadmium	106-1	-1.07	0.24	0.44	-0.13		ppb
Cadmium	108-1	1.79	1.44	1.01	1.41	27.66	ppb
Calcium	43-1	963.42	985.54	1008.83	985.93	2.30	ppb
Calcium	44-1	974.22	986.38	994.32	984.97	1.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.83	1.79	1.89	1.84	2.72	ppb
Cobalt	59-2	0.98	0.99	0.99	0.99	0.64	ppb
Copper	63-2	4.13	4.19	4.13	4.15	0.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				105		%
Iron	56-2	382.84	382.36	383.29	382.83	0.12	ppb
Iron	57-2	386.41	377.78	387.81	384.00	1.42	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	PB136477BS	Instrumnet Name :	P7
Client Sample ID :	LCS477	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:01:38	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	392.84	390.49	394.85	392.73	0.56	ppb
Krypton	83-1						cps
Lead	206-1	2.04	2.02	2.02	2.03	0.48	ppb
Lead	207-1	1.94	2.08	2.00	2.01	3.38	ppb
Lead	208-1	2.03	2.03	2.00	2.02	0.83	ppb
Lithium	6-1				96		%
Magnesium	24-2	909.71	897.17	920.27	909.05	1.27	ppb
Manganese	55-2	2.16	1.91	2.00	2.03	6.24	ppb
Molybdenum	94-1	8.96	8.79	8.97	8.90	1.14	ppb
Molybdenum	95-1	8.87	8.80	9.18	8.95	2.25	ppb
Molybdenum	96-1	8.77	8.81	8.72	8.77	0.54	ppb
Molybdenum	97-1	9.01	9.14	8.53	8.89	3.63	ppb
Molybdenum	98-1	8.48	8.87	9.03	8.79	3.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.94	1.89	1.90	1.91	1.50	ppb
Phosphorus	31-2	16.03	-3.33	-6.45	2.08	585.02	ppb
Potassium	39-2	998.44	989.32	1004.03	997.26	0.74	ppb
Rhodium	103-1				106		%
Rhodium	103-2				104		%
Scandium	45-1				105		%
Scandium	45-2				105		%
Selenium	82-1	8.66	7.00	8.14	7.93	10.74	ppb
Selenium	77-2	10.12	7.45	5.73	7.77	28.50	ppb
Selenium	78-2	10.95	9.27	10.54	10.25	8.55	ppb
Silicon	28-1	15.59	16.70	16.40	16.23	3.54	ppb
Silver	107-1	1.90	1.97	1.92	1.93	1.95	ppb
Silver	109-1	1.89	2.01	2.00	1.97	3.56	ppb
Sodium	23-2	943.52	920.45	940.76	934.91	1.35	ppb
Strontium	86-1	0.18	0.19	0.20	0.19	3.46	ppb
Strontium	88-1	0.19	0.19	0.20	0.19	1.35	ppb
Sulfur	34-1	-1125.00	-776.21	-842.00	-914.40		ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	1.05	1.04	1.11	1.07	3.63	ppb
Thallium	205-1	1.08	1.08	1.08	1.08	0.14	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	PB136477BS	Instrumnet Name :	P7
Client Sample ID :	LCS477	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:01:38	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	1.75	1.76	1.75	1.75	0.16	ppb
Tin	118-1	9.36	9.60	9.48	9.48	1.24	ppb
Titanium	47-1	8.91	9.20	9.10	9.07	1.61	ppb
Uranium	238-1	1.82	1.85	1.80	1.82	1.22	ppb
Vanadium	51-2	9.20	9.18	9.29	9.22	0.67	ppb
Yttrium	89-1				107		%
Yttrium	89-2				106		%
Zinc	66-2	10.22	10.27	9.43	9.98	4.74	ppb
Zirconium	90-1	1.88	1.89	1.92	1.90	1.06	ppb
Zirconium	91-1	1.82	1.88	1.95	1.89	3.62	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	PB136478BL	Instrumnet Name :	P7
Client Sample ID :	PBW478	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:04:46	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.05	0.28	0.29	0.18	108.78	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	18.37	ppb
Arsenic	75-2	-0.01	0.00	0.00	-0.01		ppb
Barium	135-1	0.00	0.00	0.00	0.00	252.17	ppb
Barium	137-1	0.00	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	0.05	0.02	0.01	0.03	82.69	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	3.59	3.60	2.91	3.36	11.74	ppb
Boron	11-1	3.61	3.71	3.27	3.53	6.55	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.01	-0.01	-0.09	-0.03		ppb
Cadmium	106-1	0.30	-0.73	-4.91	-1.78		ppb
Cadmium	108-1	-0.05	-0.08	-0.17	-0.10		ppb
Calcium	43-1	4.03	4.07	-2.87	1.75	228.73	ppb
Calcium	44-1	0.05	-0.28	-0.14	-0.12		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.01	0.00	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	171.41	ppb
Copper	63-2	0.07	0.07	0.05	0.06	21.55	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				103		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				105		%
Iron	56-2	0.24	0.37	0.40	0.34	24.30	ppb
Iron	57-2	-0.87	0.19	0.84	0.05	1577.47	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	PB136478BL	Instrumnet Name :	P7
Client Sample ID :	PBW478	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:04:46	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	1.67	1.76	2.62	2.02	26.08	ppb
Krypton	83-1						cps
Lead	206-1	0.10	0.12	0.10	0.10	9.84	ppb
Lead	207-1	0.09	0.09	0.08	0.09	9.39	ppb
Lead	208-1	0.10	0.10	0.10	0.10	1.77	ppb
Lithium	6-1				96		%
Magnesium	24-2	0.04	0.19	0.29	0.17	72.12	ppb
Manganese	55-2	0.01	-0.01	0.00	0.00		ppb
Molybdenum	94-1	-0.03	0.00	0.01	-0.01		ppb
Molybdenum	95-1	0.03	0.00	0.00	0.01	160.75	ppb
Molybdenum	96-1	0.01	0.00	0.02	0.01	74.42	ppb
Molybdenum	97-1	0.01	0.01	0.01	0.01	23.97	ppb
Molybdenum	98-1	0.01	0.00	0.01	0.01	53.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.00	-0.04	-0.02		ppb
Phosphorus	31-2	-3.14	3.53	8.75	3.05	195.60	ppb
Potassium	39-2	19.18	18.35	20.47	19.33	5.52	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				104		%
Scandium	45-2				105		%
Selenium	82-1	-1.49	-3.14	-2.49	-2.37		ppb
Selenium	77-2	0.00	0.00	0.68	0.23	173.21	ppb
Selenium	78-2	0.78	0.21	0.89	0.63	58.21	ppb
Silicon	28-1	0.45	1.00	1.26	0.91	45.61	ppb
Silver	107-1	0.01	0.01	0.00	0.01	57.20	ppb
Silver	109-1	0.01	0.01	0.00	0.01	29.30	ppb
Sodium	23-2	20.38	19.26	19.93	19.86	2.82	ppb
Strontium	86-1	-0.01	-0.01	0.00	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	112.49	ppb
Sulfur	34-1	-754.76	-668.06	-648.16	-690.33		ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	0.11	0.11	0.11	0.11	3.61	ppb
Thallium	205-1	0.12	0.11	0.11	0.11	6.21	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	PB136478BL	Instrumnet Name :	P7
Client Sample ID :	PBW478	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:04:46	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	390.95	ppb
Tin	118-1	0.01	0.00	-0.01	0.00	761.64	ppb
Titanium	47-1	-0.01	-0.02	-0.03	-0.02		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	34.65	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	125.67	ppb
Yttrium	89-1				106		%
Yttrium	89-2				105		%
Zinc	66-2	0.16	0.34	0.05	0.18	78.72	ppb
Zirconium	90-1	0.01	0.00	0.00	0.00	236.59	ppb
Zirconium	91-1	0.00	0.02	0.01	0.01	69.21	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	PB136478BS	Instrumnet Name :	P7
Client Sample ID :	LCS478	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:07:54	DataFile Name :	023LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35.18	39.50	37.96	37.55	5.84	ppb
Antimony	121-1	1.84	1.98	1.95	1.92	4.05	ppb
Arsenic	75-2	1.58	1.85	1.71	1.71	7.78	ppb
Barium	135-1	18.11	18.30	18.48	18.30	1.00	ppb
Barium	137-1	17.96	18.35	18.25	18.18	1.12	ppb
Beryllium	9-1	1.92	2.04	2.05	2.00	3.73	ppb
Bismuth	209-1				100		%
Bismuth	209-2				102		%
Boron	10-1	48.78	50.84	49.43	49.68	2.12	ppb
Boron	11-1	48.59	49.32	50.93	49.61	2.41	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.53	1.83	1.67	1.68	8.78	ppb
Cadmium	106-1	-1.20	0.75	-1.97	-0.80		ppb
Cadmium	108-1	1.73	1.71	2.10	1.85	11.74	ppb
Calcium	43-1	1014.49	988.37	989.92	997.59	1.47	ppb
Calcium	44-1	988.72	1001.40	992.41	994.18	0.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.88	1.90	2.00	1.92	3.51	ppb
Cobalt	59-2	1.00	1.00	0.98	0.99	1.19	ppb
Copper	63-2	4.13	3.99	4.09	4.07	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				105		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				106		%
Iron	56-2	387.11	385.90	385.89	386.30	0.18	ppb
Iron	57-2	391.65	392.98	389.73	391.45	0.42	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	PB136478BS	Instrumnet Name :	P7
Client Sample ID :	LCS478	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:07:54	DataFile Name :	023LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	394.96	392.47	395.62	394.35	0.42	ppb
Krypton	83-1						cps
Lead	206-1	1.99	2.07	2.04	2.03	2.14	ppb
Lead	207-1	1.99	1.94	2.03	1.99	2.38	ppb
Lead	208-1	2.01	2.02	2.01	2.01	0.19	ppb
Lithium	6-1				97		%
Magnesium	24-2	923.22	923.54	917.17	921.31	0.39	ppb
Manganese	55-2	2.07	1.86	1.94	1.96	5.41	ppb
Molybdenum	94-1	9.04	9.05	8.86	8.99	1.20	ppb
Molybdenum	95-1	8.89	9.03	9.11	9.01	1.20	ppb
Molybdenum	96-1	9.05	9.22	8.93	9.06	1.62	ppb
Molybdenum	97-1	8.85	8.90	9.10	8.95	1.50	ppb
Molybdenum	98-1	9.06	8.80	8.88	8.91	1.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.90	1.89	1.90	1.90	0.33	ppb
Phosphorus	31-2	-8.11	17.65	4.06	4.53	284.22	ppb
Potassium	39-2	1008.70	1000.81	1012.63	1007.38	0.60	ppb
Rhodium	103-1				108		%
Rhodium	103-2				106		%
Scandium	45-1				105		%
Scandium	45-2				107		%
Selenium	82-1	9.83	8.06	10.68	9.52	14.06	ppb
Selenium	77-2	10.48	9.66	9.99	10.04	4.13	ppb
Selenium	78-2	10.42	9.86	10.02	10.10	2.90	ppb
Silicon	28-1	15.14	15.37	15.99	15.50	2.84	ppb
Silver	107-1	1.88	2.03	2.07	1.99	4.96	ppb
Silver	109-1	1.88	2.04	2.05	1.99	4.75	ppb
Sodium	23-2	946.22	946.71	944.20	945.71	0.14	ppb
Strontium	86-1	0.19	0.18	0.17	0.18	5.49	ppb
Strontium	88-1	0.19	0.19	0.19	0.19	1.97	ppb
Sulfur	34-1	-1013.43	-670.58	-576.68	-753.57		ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	1.00	1.04	1.10	1.05	5.16	ppb
Thallium	205-1	1.06	1.04	0.97	1.02	4.33	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	PB136478BS	Instrumnet Name :	P7
Client Sample ID :	LCS478	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:07:54	DataFile Name :	023LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	1.69	1.77	1.78	1.74	2.57	ppb
Tin	118-1	9.43	9.76	9.87	9.69	2.36	ppb
Titanium	47-1	9.02	9.20	9.63	9.28	3.37	ppb
Uranium	238-1	1.81	1.84	1.85	1.83	1.13	ppb
Vanadium	51-2	9.45	9.28	9.46	9.40	1.11	ppb
Yttrium	89-1				108		%
Yttrium	89-2				107		%
Zinc	66-2	10.15	9.81	10.11	10.02	1.85	ppb
Zirconium	90-1	1.94	1.92	1.93	1.93	0.57	ppb
Zirconium	91-1	1.87	2.05	2.08	2.00	5.50	ppb

LB Number : LB114597 Operator : JASWAL
 Lab Sample ID : PB136553BL Instrumnet Name : P7
 Client Sample ID : PBW553 Dilution Factor : 1
 Date & Time Acquired :: 2021-05-21 09:19:10 DataFile Name : 024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.17	0.12	-0.16	0.05	387.20	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	17.70	ppb
Arsenic	75-2	0.00	-0.02	-0.01	-0.01		ppb
Barium	135-1	0.01	0.00	-0.02	0.00		ppb
Barium	137-1	0.00	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	0.00	0.02	0.00	0.01	173.74	ppb
Bismuth	209-1				99		%
Bismuth	209-2				101		%
Boron	10-1	1.45	0.80	1.19	1.15	28.24	ppb
Boron	11-1	1.30	1.55	1.28	1.38	11.05	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.07	-0.08	-0.07	-0.07		ppb
Cadmium	106-1	-2.93	-3.54	-3.00	-3.16		ppb
Cadmium	108-1	0.07	0.01	0.01	0.03	112.87	ppb
Calcium	43-1	-1.54	-2.92	0.40	-1.35		ppb
Calcium	44-1	-1.13	-1.39	-2.09	-1.54		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.01	0.00	0.00	215.46	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.02	0.04	0.05	0.03	43.61	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				104		%
Indium	115-1				106		%
Indium	115-2				105		%
Iron	56-2	0.08	0.20	0.09	0.12	57.46	ppb
Iron	57-2	0.20	0.98	-0.19	0.33	182.06	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	PB136553BL	Instrumnet Name :	P7
Client Sample ID :	PBW553	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:19:10	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	1.07	1.11	1.88	1.35	33.55	ppb
Krypton	83-1						cps
Lead	206-1	0.07	0.08	0.06	0.07	14.29	ppb
Lead	207-1	0.07	0.04	0.04	0.05	30.56	ppb
Lead	208-1	0.06	0.07	0.05	0.06	13.05	ppb
Lithium	6-1				96		%
Magnesium	24-2	-0.28	-0.01	0.16	-0.04		ppb
Manganese	55-2	-0.01	0.00	0.01	0.00	388.87	ppb
Molybdenum	94-1	0.01	-0.02	-0.01	-0.01		ppb
Molybdenum	95-1	0.01	0.02	0.01	0.01	46.34	ppb
Molybdenum	96-1	-0.01	0.01	0.00	0.00	413.33	ppb
Molybdenum	97-1	0.01	0.00	0.00	0.00	130.42	ppb
Molybdenum	98-1	0.00	0.01	0.00	0.00	128.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.01	-0.02	-0.01		ppb
Phosphorus	31-2	11.58	-0.71	11.46	7.44	94.87	ppb
Potassium	39-2	11.24	18.71	13.83	14.60	25.99	ppb
Rhodium	103-1				107		%
Rhodium	103-2				104		%
Scandium	45-1				104		%
Scandium	45-2				105		%
Selenium	82-1	-0.12	-2.80	-0.22	-1.05		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.67	0.09	1.22	0.21	448.58	ppb
Silicon	28-1	0.88	0.82	0.39	0.70	38.52	ppb
Silver	107-1	0.00	0.00	0.00	0.00	35.00	ppb
Silver	109-1	0.01	0.00	0.00	0.00	94.85	ppb
Sodium	23-2	11.97	13.04	12.57	12.53	4.28	ppb
Strontium	86-1	-0.01	-0.01	0.01	0.00		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-696.96	-528.74	-366.61	-530.77		ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	0.06	0.05	0.04	0.05	17.41	ppb
Thallium	205-1	0.05	0.04	0.05	0.05	12.11	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	PB136553BL	Instrumnet Name :	P7
Client Sample ID :	PBW553	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:19:10	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	-0.01	0.00	-0.01	-0.01		ppb
Titanium	47-1	0.05	-0.02	0.00	0.01	297.99	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	170.91	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				107		%
Yttrium	89-2				106		%
Zinc	66-2	0.05	0.21	0.01	0.09	112.35	ppb
Zirconium	90-1	0.01	0.01	0.00	0.00	174.90	ppb
Zirconium	91-1	0.01	-0.01	-0.01	0.00		ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	PB136553BS	Instrumnet Name :	P7
Client Sample ID :	LCS553	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:22:18	DataFile Name :	025LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	42.79	42.10	41.71	42.20	1.30	ppb
Antimony	121-1	4.08	4.11	4.02	4.07	1.15	ppb
Arsenic	75-2	2.28	2.04	1.83	2.05	10.93	ppb
Barium	135-1	20.14	20.01	20.86	20.33	2.25	ppb
Barium	137-1	20.41	20.57	20.77	20.58	0.85	ppb
Beryllium	9-1	2.20	2.18	2.12	2.16	1.95	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	47.20	53.13	53.58	51.31	6.94	ppb
Boron	11-1	48.12	51.54	54.04	51.24	5.80	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	2.07	2.19	2.15	2.14	2.80	ppb
Cadmium	106-1	-0.73	-0.84	0.99	-0.20		ppb
Cadmium	108-1	2.51	1.65	1.75	1.97	23.87	ppb
Calcium	43-1	1068.52	1119.29	1108.73	1098.85	2.44	ppb
Calcium	44-1	1090.86	1094.17	1093.03	1092.69	0.15	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.24	4.24	4.10	4.19	1.86	ppb
Cobalt	59-2	2.14	2.21	2.12	2.16	2.31	ppb
Copper	63-2	4.18	4.19	4.18	4.18	0.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				106		%
Iron	56-2	366.29	367.34	362.57	365.40	0.69	ppb
Iron	57-2	373.41	368.89	367.02	369.77	0.89	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	PB136553BS	Instrumnet Name :	P7
Client Sample ID :	LCS553	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:22:18	DataFile Name :	025LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	369.13	377.17	370.00	372.10	1.19	ppb
Krypton	83-1						cps
Lead	206-1	2.10	2.18	2.09	2.13	2.26	ppb
Lead	207-1	2.02	2.02	1.98	2.01	1.32	ppb
Lead	208-1	2.07	2.12	2.05	2.08	1.67	ppb
Lithium	6-1				97		%
Magnesium	24-2	993.43	992.73	987.08	991.08	0.35	ppb
Manganese	55-2	2.23	2.19	2.09	2.17	3.31	ppb
Molybdenum	94-1	9.81	10.10	10.03	9.98	1.54	ppb
Molybdenum	95-1	9.96	10.23	10.48	10.23	2.54	ppb
Molybdenum	96-1	9.74	10.21	10.26	10.07	2.83	ppb
Molybdenum	97-1	9.88	10.45	10.06	10.13	2.91	ppb
Molybdenum	98-1	9.82	9.89	10.03	9.91	1.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.14	2.21	2.15	2.17	1.76	ppb
Phosphorus	31-2	3.23	3.33	8.95	5.17	63.32	ppb
Potassium	39-2	1075.10	1099.86	1084.02	1086.33	1.15	ppb
Rhodium	103-1				106		%
Rhodium	103-2				105		%
Scandium	45-1				105		%
Scandium	45-2				106		%
Selenium	82-1	9.25	10.43	10.18	9.96	6.23	ppb
Selenium	77-2	13.85	10.37	8.40	10.88	25.37	ppb
Selenium	78-2	10.02	11.25	12.83	11.37	12.37	ppb
Silicon	28-1	18.45	17.30	17.12	17.62	4.08	ppb
Silver	107-1	2.13	2.18	2.06	2.12	2.92	ppb
Silver	109-1	2.07	2.07	2.09	2.08	0.74	ppb
Sodium	23-2	1027.59	1036.44	1014.19	1026.07	1.09	ppb
Strontium	86-1	0.21	0.20	0.21	0.21	2.23	ppb
Strontium	88-1	0.21	0.21	0.21	0.21	1.03	ppb
Sulfur	34-1	-589.10	-878.20	-545.04	-670.78		ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	2.05	2.07	2.14	2.09	2.08	ppb
Thallium	205-1	2.06	2.09	2.09	2.08	0.73	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	PB136553BS	Instrumnet Name :	P7
Client Sample ID :	LCS553	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:22:18	DataFile Name :	025LCSE.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	10.48	10.28	10.64	10.47	1.71	ppb
Titanium	47-1	9.64	9.74	10.43	9.94	4.32	ppb
Uranium	238-1	1.99	1.93	1.94	1.96	1.75	ppb
Vanadium	51-2	10.15	10.61	10.32	10.36	2.24	ppb
Yttrium	89-1				107		%
Yttrium	89-2				107		%
Zinc	66-2	9.90	10.47	9.77	10.04	3.72	ppb
Zirconium	90-1	1.99	2.02	2.01	2.00	0.79	ppb
Zirconium	91-1	2.02	2.23	2.01	2.09	5.96	ppb

LB Number : LB114597 Operator : JASWAL
 Lab Sample ID : PB136554BL Instrumnet Name : P7
 Client Sample ID : PBW554 Dilution Factor : 1
 Date & Time Acquired :: 2021-05-21 09:25:26 DataFile Name : 026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.16	-0.32	0.12	-0.12		ppb
Antimony	121-1	0.01	0.01	0.00	0.01	13.07	ppb
Arsenic	75-2	0.01	-0.03	0.00	-0.01		ppb
Barium	135-1	0.00	0.01	0.01	0.01	61.25	ppb
Barium	137-1	0.00	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	0.00	0.06	0.01	0.02	142.36	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Boron	10-1	2.46	2.17	2.68	2.44	10.42	ppb
Boron	11-1	2.80	2.51	2.35	2.55	8.85	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.04	-0.06	0.01	-0.03		ppb
Cadmium	106-1	-2.24	-2.36	-0.41	-1.67		ppb
Cadmium	108-1	-0.14	0.13	-0.17	-0.06		ppb
Calcium	43-1	1.27	-2.85	5.95	1.46	302.50	ppb
Calcium	44-1	-4.31	-0.12	-1.85	-2.10		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	0.00	0.00	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.04	0.03	0.03	0.03	13.66	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				104		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				105		%
Iron	56-2	0.09	0.08	0.26	0.14	69.00	ppb
Iron	57-2	0.73	-0.20	0.49	0.34	140.73	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	PB136554BL	Instrumnet Name :	P7
Client Sample ID :	PBW554	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:25:26	DataFile Name :	026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	1.90	0.47	0.41	0.93	90.79	ppb
Krypton	83-1						cps
Lead	206-1	0.07	0.09	0.08	0.08	17.00	ppb
Lead	207-1	0.07	0.07	0.06	0.07	8.37	ppb
Lead	208-1	0.07	0.08	0.07	0.07	7.94	ppb
Lithium	6-1				97		%
Magnesium	24-2	-0.09	0.24	0.29	0.14	144.89	ppb
Manganese	55-2	0.00	0.00	0.03	0.01	231.81	ppb
Molybdenum	94-1	-0.01	-0.03	-0.03	-0.02		ppb
Molybdenum	95-1	0.00	0.01	0.01	0.00	141.50	ppb
Molybdenum	96-1	0.00	-0.01	0.01	0.00		ppb
Molybdenum	97-1	0.02	0.00	0.00	0.01	109.60	ppb
Molybdenum	98-1	0.01	0.00	0.01	0.00	72.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.04	0.00	-0.02		ppb
Phosphorus	31-2	8.16	10.21	-8.03	3.44	290.03	ppb
Potassium	39-2	10.47	11.14	8.88	10.16	11.43	ppb
Rhodium	103-1				106		%
Rhodium	103-2				104		%
Scandium	45-1				104		%
Scandium	45-2				106		%
Selenium	82-1	-2.69	-0.62	-0.38	-1.23		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.35	-0.70	0.71	0.12	616.65	ppb
Silicon	28-1	1.04	1.98	2.20	1.74	35.41	ppb
Silver	107-1	0.01	0.01	0.01	0.01	38.24	ppb
Silver	109-1	0.01	0.01	0.01	0.01	19.73	ppb
Sodium	23-2	11.30	10.99	9.76	10.69	7.60	ppb
Strontium	86-1	0.00	-0.01	0.00	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-291.43	41.96	-110.15	-119.87		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.03	0.04	0.04	0.04	8.43	ppb
Thallium	205-1	0.03	0.04	0.04	0.04	13.38	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	PB136554BL	Instrumnet Name :	P7
Client Sample ID :	PBW554	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:25:26	DataFile Name :	026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.01	0.00	-0.03	-0.01		ppb
Titanium	47-1	-0.04	0.11	0.03	0.03	210.21	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	0.81	ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	142.18	ppb
Yttrium	89-1				106		%
Yttrium	89-2				106		%
Zinc	66-2	-0.03	0.02	0.01	0.00		ppb
Zirconium	90-1	0.01	0.00	0.00	0.00	214.52	ppb
Zirconium	91-1	0.00	-0.01	-0.01	-0.01		ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	PB136554BS	Instrumnet Name :	P7
Client Sample ID :	LCS554	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:28:35	DataFile Name :	027LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	42.90	42.23	41.67	42.27	1.46	ppb
Antimony	121-1	3.97	4.29	4.13	4.13	3.86	ppb
Arsenic	75-2	1.99	1.96	2.11	2.02	3.75	ppb
Barium	135-1	20.68	21.32	20.80	20.93	1.64	ppb
Barium	137-1	20.07	20.40	20.56	20.34	1.25	ppb
Beryllium	9-1	1.93	2.03	2.20	2.05	6.70	ppb
Bismuth	209-1				99		%
Bismuth	209-2				101		%
Boron	10-1	49.35	47.87	49.58	48.93	1.90	ppb
Boron	11-1	49.17	51.55	51.91	50.88	2.93	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	2.01	2.21	2.03	2.08	5.37	ppb
Cadmium	106-1	-1.50	1.08	-1.10	-0.51		ppb
Cadmium	108-1	1.77	1.81	2.32	1.97	15.59	ppb
Calcium	43-1	1105.44	1086.28	1099.30	1097.00	0.89	ppb
Calcium	44-1	1071.09	1092.69	1083.20	1082.33	1.00	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.00	4.22	4.12	4.11	2.70	ppb
Cobalt	59-2	2.06	2.15	2.11	2.11	2.27	ppb
Copper	63-2	4.10	4.17	4.14	4.14	0.88	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				104		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				106		%
Iron	56-2	362.55	362.36	358.50	361.13	0.63	ppb
Iron	57-2	353.65	361.00	358.51	357.72	1.04	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	PB136554BS	Instrumnet Name :	P7
Client Sample ID :	LCS554	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:28:35	DataFile Name :	027LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	371.02	370.71	371.49	371.08	0.11	ppb
Krypton	83-1						cps
Lead	206-1	2.08	2.13	2.01	2.07	2.93	ppb
Lead	207-1	1.91	1.96	2.06	1.97	3.83	ppb
Lead	208-1	2.02	2.07	2.05	2.05	1.22	ppb
Lithium	6-1				97		%
Magnesium	24-2	994.40	989.35	976.80	986.85	0.92	ppb
Manganese	55-2	2.10	2.17	2.02	2.10	3.72	ppb
Molybdenum	94-1	9.90	10.03	9.93	9.96	0.68	ppb
Molybdenum	95-1	9.75	10.14	10.14	10.01	2.22	ppb
Molybdenum	96-1	9.75	9.76	9.77	9.76	0.08	ppb
Molybdenum	97-1	10.12	9.88	9.95	9.98	1.23	ppb
Molybdenum	98-1	9.72	9.81	9.93	9.82	1.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.24	2.21	2.15	2.20	2.15	ppb
Phosphorus	31-2	9.37	7.91	-3.50	4.59	153.35	ppb
Potassium	39-2	1063.37	1067.19	1045.31	1058.62	1.10	ppb
Rhodium	103-1				106		%
Rhodium	103-2				105		%
Scandium	45-1				104		%
Scandium	45-2				106		%
Selenium	82-1	10.67	9.86	10.84	10.46	4.97	ppb
Selenium	77-2	11.19	9.06	11.76	10.67	13.32	ppb
Selenium	78-2	11.20	11.31	10.72	11.08	2.86	ppb
Silicon	28-1	17.78	18.45	17.00	17.74	4.11	ppb
Silver	107-1	2.10	2.15	2.10	2.12	1.29	ppb
Silver	109-1	2.11	2.07	2.18	2.12	2.49	ppb
Sodium	23-2	1043.48	1023.66	1014.85	1027.33	1.43	ppb
Strontium	86-1	0.20	0.21	0.18	0.20	6.31	ppb
Strontium	88-1	0.20	0.20	0.21	0.20	1.14	ppb
Sulfur	34-1	-119.26	59.36	-408.28	-156.06		ppb
Terbium	159-1				103		%
Terbium	159-2				105		%
Thallium	203-1	2.15	2.04	2.05	2.08	2.99	ppb
Thallium	205-1	2.06	2.04	2.06	2.05	0.70	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	PB136554BS	Instrumnet Name :	P7
Client Sample ID :	LCS554	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:28:35	DataFile Name :	027LCSE.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	10.24	10.55	10.35	10.38	1.54	ppb
Titanium	47-1	9.83	10.51	10.01	10.12	3.51	ppb
Uranium	238-1	1.91	1.94	1.93	1.93	0.84	ppb
Vanadium	51-2	10.21	10.43	10.24	10.29	1.19	ppb
Yttrium	89-1				107		%
Yttrium	89-2				106		%
Zinc	66-2	9.91	10.16	9.81	9.96	1.82	ppb
Zirconium	90-1	2.04	1.93	2.01	1.99	2.91	ppb
Zirconium	91-1	1.95	1.96	2.10	2.00	4.30	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-04	Instrumnet Name :	P7
Client Sample ID :	MA0AY0	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:31:44	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27555.15	27566.77	27379.13	27500.35	0.38	ppb
Antimony	121-1	145.48	146.39	146.61	146.16	0.41	ppb
Arsenic	75-2	30.86	30.91	30.76	30.84	0.24	ppb
Barium	135-1	496.52	507.45	507.49	503.82	1.25	ppb
Barium	137-1	502.46	508.29	509.27	506.67	0.73	ppb
Beryllium	9-1	25.27	25.75	25.70	25.57	1.04	ppb
Bismuth	209-1				100		%
Bismuth	209-2				102		%
Boron	10-1	2.45	2.27	2.39	2.37	4.00	ppb
Boron	11-1	2.78	2.61	2.61	2.67	3.70	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	76.16	77.28	76.93	76.79	0.74	ppb
Cadmium	106-1	61.90	59.56	61.04	60.83	1.95	ppb
Cadmium	108-1	64.65	65.31	63.36	64.44	1.54	ppb
Calcium	43-1	8444.52	8451.66	8415.21	8437.13	0.23	ppb
Calcium	44-1	8282.01	8285.02	8268.11	8278.38	0.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	258.93	255.61	255.05	256.53	0.82	ppb
Cobalt	59-2	612.85	606.43	605.25	608.17	0.67	ppb
Copper	63-2	756.52	752.74	743.89	751.05	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				105		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				106		%
Iron	56-2	70772.28	69900.52	69432.12	70034.97	0.97	ppb
Iron	57-2	70614.05	70012.88	69447.50	70024.81	0.83	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-04	Instrumnet Name :	P7
Client Sample ID :	MA0AY0	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:31:44	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	71564.94	70931.43	70689.68	71062.02	0.64	ppb
Krypton	83-1						cps
Lead	206-1	99.24	98.43	98.29	98.65	0.52	ppb
Lead	207-1	90.82	89.61	89.25	89.90	0.92	ppb
Lead	208-1	94.55	93.88	93.76	94.06	0.45	ppb
Lithium	6-1				98		%
Magnesium	24-2	8251.10	8248.46	8215.65	8238.40	0.24	ppb
Manganese	55-2	65.04	65.20	65.34	65.19	0.23	ppb
Molybdenum	94-1	0.55	0.55	0.51	0.54	3.71	ppb
Molybdenum	95-1	0.73	0.71	0.76	0.73	3.54	ppb
Molybdenum	96-1	0.76	0.82	0.79	0.79	3.26	ppb
Molybdenum	97-1	0.65	0.68	0.70	0.68	4.00	ppb
Molybdenum	98-1	0.70	0.68	0.74	0.71	3.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	213.40	208.97	211.57	211.31	1.05	ppb
Phosphorus	31-2	7.51	2.35	8.01	5.96	52.66	ppb
Potassium	39-2	8293.58	8230.76	8161.96	8228.77	0.80	ppb
Rhodium	103-1				106		%
Rhodium	103-2				104		%
Scandium	45-1				106		%
Scandium	45-2				107		%
Selenium	82-1	89.32	90.21	87.75	89.09	1.40	ppb
Selenium	77-2	86.68	82.22	90.09	86.33	4.57	ppb
Selenium	78-2	82.73	87.21	85.22	85.05	2.64	ppb
Silicon	28-1	-0.36	1.55	1.64	0.94	119.57	ppb
Silver	107-1	62.05	62.63	62.60	62.42	0.52	ppb
Silver	109-1	61.46	62.07	62.37	61.97	0.75	ppb
Sodium	23-2	8891.62	8808.34	8816.36	8838.77	0.52	ppb
Strontium	86-1	0.26	0.29	0.25	0.27	6.99	ppb
Strontium	88-1	0.28	0.27	0.27	0.27	1.30	ppb
Sulfur	34-1	-1597.37	-1830.55	-2105.84	-1844.59		ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	75.22	75.87	76.25	75.78	0.68	ppb
Thallium	205-1	75.35	76.01	75.54	75.64	0.45	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-04	Instrumnet Name :	P7
Client Sample ID :	MA0AY0	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:31:44	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	0.09	0.10	0.10	0.10	8.69	ppb
Titanium	47-1	0.29	0.29	0.14	0.24	36.25	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	4.03	ppb
Vanadium	51-2	644.11	639.50	631.91	638.51	0.96	ppb
Yttrium	89-1				108		%
Yttrium	89-2				107		%
Zinc	66-2	465.52	460.44	461.78	462.58	0.57	ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	13.14	ppb
Zirconium	91-1	0.01	0.04	0.05	0.03	70.04	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-01	Instrumnet Name :	P7
Client Sample ID :	MA0AM4	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:34:54	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.83	11.21	11.24	11.42	3.05	ppb
Antimony	121-1	0.12	0.08	0.07	0.09	30.33	ppb
Arsenic	75-2	0.03	0.05	0.01	0.03	60.14	ppb
Barium	135-1	1.91	1.88	1.96	1.92	2.10	ppb
Barium	137-1	1.99	2.02	1.87	1.96	4.07	ppb
Beryllium	9-1	0.08	0.05	0.06	0.06	27.05	ppb
Bismuth	209-1				95		%
Bismuth	209-2				98		%
Boron	10-1	28.78	32.18	33.53	31.50	7.77	ppb
Boron	11-1	30.83	32.26	30.69	31.26	2.78	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.00	-0.05	0.00	-0.02		ppb
Cadmium	106-1	-2.30	-3.58	-1.23	-2.37		ppb
Cadmium	108-1	0.08	0.05	0.09	0.07	24.75	ppb
Calcium	43-1	67.55	46.87	59.28	57.90	17.99	ppb
Calcium	44-1	75.70	71.35	70.70	72.58	3.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.50	0.52	0.51	0.51	2.11	ppb
Cobalt	59-2	0.05	0.05	0.03	0.04	21.82	ppb
Copper	63-2	0.39	0.41	0.39	0.40	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				101		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				103		%
Iron	56-2	12.36	12.01	11.08	11.82	5.61	ppb
Iron	57-2	10.48	10.63	8.39	9.84	12.73	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-01	Instrumnet Name :	P7
Client Sample ID :	MA0AM4	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:34:54	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	15.84	13.74	12.25	13.95	12.93	ppb
Krypton	83-1						cps
Lead	206-1	0.19	0.18	0.16	0.18	9.62	ppb
Lead	207-1	0.18	0.13	0.11	0.14	26.93	ppb
Lead	208-1	0.19	0.16	0.13	0.16	16.51	ppb
Lithium	6-1				92		%
Magnesium	24-2	5.70	5.63	5.64	5.66	0.65	ppb
Manganese	55-2	0.70	0.68	0.70	0.69	1.57	ppb
Molybdenum	94-1	0.00	0.01	-0.03	-0.01		ppb
Molybdenum	95-1	0.01	0.02	0.02	0.02	14.93	ppb
Molybdenum	96-1	0.00	0.01	-0.01	0.00		ppb
Molybdenum	97-1	0.01	0.02	0.01	0.01	32.64	ppb
Molybdenum	98-1	0.01	0.00	0.00	0.00	194.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.12	0.10	0.10	0.11	9.14	ppb
Phosphorus	31-2	10.84	11.18	1.61	7.88	68.99	ppb
Potassium	39-2	24.25	25.26	28.50	26.00	8.54	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				103		%
Selenium	82-1	-0.86	-0.18	-1.04	-0.69		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.78	0.43	0.42	0.88	89.67	ppb
Silicon	28-1	3764.37	3694.48	3706.12	3721.66	1.01	ppb
Silver	107-1	0.07	0.05	0.05	0.06	27.04	ppb
Silver	109-1	0.07	0.06	0.05	0.06	21.35	ppb
Sodium	23-2	75.31	76.26	75.17	75.58	0.79	ppb
Strontium	86-1	0.03	0.04	0.02	0.03	31.66	ppb
Strontium	88-1	0.02	0.03	0.03	0.03	2.64	ppb
Sulfur	34-1	-2256.28	-2488.76	-2578.66	-2441.23		ppb
Terbium	159-1				100		%
Terbium	159-2				103		%
Thallium	203-1	0.07	0.03	0.03	0.04	50.43	ppb
Thallium	205-1	0.08	0.04	0.02	0.05	60.58	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-01	Instrumnet Name :	P7
Client Sample ID :	MA0AM4	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:34:54	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	429.89	ppb
Tin	118-1	0.11	0.09	0.13	0.11	16.89	ppb
Titanium	47-1	1.30	1.04	1.34	1.23	13.31	ppb
Uranium	238-1	0.01	0.00	0.00	0.01	34.09	ppb
Vanadium	51-2	0.08	0.04	0.06	0.06	31.44	ppb
Yttrium	89-1				105		%
Yttrium	89-2				102		%
Zinc	66-2	2.81	2.67	3.00	2.83	5.91	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	51.13	ppb
Zirconium	91-1	0.02	0.02	0.00	0.01	103.16	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-02	Instrumnet Name :	P7
Client Sample ID :	MA0AP8	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:38:04	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	542.23	530.68	535.46	536.13	1.08	ppb
Antimony	121-1	1.39	1.33	1.37	1.36	2.44	ppb
Arsenic	75-2	1.32	1.27	1.43	1.34	6.05	ppb
Barium	135-1	12.51	12.49	12.30	12.43	0.91	ppb
Barium	137-1	12.27	12.70	12.30	12.42	1.93	ppb
Beryllium	9-1	0.40	0.50	0.51	0.47	12.76	ppb
Bismuth	209-1				96		%
Bismuth	209-2				98		%
Boron	10-1	39.03	41.34	39.75	40.04	2.95	ppb
Boron	11-1	40.13	40.94	40.92	40.66	1.14	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	4.14	4.36	4.16	4.22	2.91	ppb
Cadmium	106-1	1.94	2.46	1.22	1.87	33.26	ppb
Cadmium	108-1	4.24	3.90	3.63	3.92	7.83	ppb
Calcium	43-1	29699.59	29934.20	29702.12	29778.64	0.45	ppb
Calcium	44-1	27998.30	27948.06	28220.51	28055.62	0.52	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	717.65	708.20	709.68	711.84	0.71	ppb
Cobalt	59-2	0.61	0.58	0.56	0.58	3.73	ppb
Copper	63-2	2.10	2.15	2.27	2.17	3.93	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				102		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	4166.89	4034.79	4124.06	4108.58	1.64	ppb
Iron	57-2	4209.41	4187.56	4176.88	4191.29	0.40	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-02	Instrumnet Name :	P7
Client Sample ID :	MA0AP8	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:38:04	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	4773.78	4644.59	4741.55	4719.97	1.42	ppb
Krypton	83-1						cps
Lead	206-1	4.17	4.20	4.29	4.22	1.42	ppb
Lead	207-1	3.80	3.97	3.86	3.88	2.22	ppb
Lead	208-1	4.02	4.05	4.07	4.05	0.67	ppb
Lithium	6-1				92		%
Magnesium	24-2	3592.69	3534.02	3503.48	3543.40	1.28	ppb
Manganese	55-2	68.79	67.17	68.82	68.26	1.39	ppb
Molybdenum	94-1	3.26	3.19	3.32	3.26	1.99	ppb
Molybdenum	95-1	3.36	3.16	3.21	3.24	3.34	ppb
Molybdenum	96-1	3.12	3.21	3.12	3.15	1.57	ppb
Molybdenum	97-1	3.34	3.22	3.37	3.31	2.42	ppb
Molybdenum	98-1	3.38	3.18	3.47	3.34	4.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	12.08	12.38	12.05	12.17	1.48	ppb
Phosphorus	31-2	65.02	63.17	60.95	63.05	3.23	ppb
Potassium	39-2	1694.97	1679.39	1705.90	1693.42	0.79	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	82-1	-2.62	-0.04	-0.03	-0.90		ppb
Selenium	77-2	3.18	0.70	2.45	2.11	60.35	ppb
Selenium	78-2	1.45	0.99	0.53	0.99	46.66	ppb
Silicon	28-1	12567.26	12653.30	12592.22	12604.26	0.35	ppb
Silver	107-1	0.02	0.02	0.02	0.02	8.69	ppb
Silver	109-1	0.03	0.02	0.03	0.03	22.66	ppb
Sodium	23-2	9827.54	9805.91	9512.78	9715.41	1.81	ppb
Strontium	86-1	5.35	5.41	5.46	5.40	1.04	ppb
Strontium	88-1	5.50	5.55	5.56	5.54	0.62	ppb
Sulfur	34-1	3133.34	3329.55	2995.90	3152.93	5.32	ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	0.01	0.02	0.01	0.01	35.43	ppb
Thallium	205-1	0.01	0.02	0.01	0.01	36.80	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-02	Instrumnet Name :	P7
Client Sample ID :	MA0AP8	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:38:04	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	1.13	1.10	1.09	1.11	1.82	ppb
Tin	118-1	0.55	0.52	0.54	0.54	2.96	ppb
Titanium	47-1	17.12	17.59	17.65	17.45	1.66	ppb
Uranium	238-1	17.09	17.21	17.02	17.11	0.55	ppb
Vanadium	51-2	3.20	3.19	3.24	3.21	0.91	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	6.96	6.88	6.77	6.87	1.39	ppb
Zirconium	90-1	0.68	0.71	0.75	0.71	4.65	ppb
Zirconium	91-1	0.66	0.63	0.62	0.64	3.72	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-03	Instrumnet Name :	P7
Client Sample ID :	MA0AQ6	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:41:09	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4939.74	4904.90	4908.55	4917.73	0.39	ppb
Antimony	121-1	0.69	0.63	0.71	0.68	6.55	ppb
Arsenic	75-2	1.57	1.51	1.57	1.55	2.29	ppb
Barium	135-1	37.88	39.55	39.52	38.98	2.46	ppb
Barium	137-1	38.41	38.93	38.59	38.64	0.68	ppb
Beryllium	9-1	0.07	0.00	0.06	0.04	81.95	ppb
Bismuth	209-1				97		%
Bismuth	209-2				99		%
Boron	10-1	86.67	89.68	97.22	91.19	5.96	ppb
Boron	11-1	91.18	93.53	94.66	93.12	1.91	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.02	-0.05	-0.01	-0.03		ppb
Cadmium	106-1	-1.86	-3.16	-2.96	-2.66		ppb
Cadmium	108-1	0.49	0.26	0.54	0.43	34.22	ppb
Calcium	43-1	78234.48	78180.48	78664.11	78359.69	0.34	ppb
Calcium	44-1	74771.54	75073.92	75384.57	75076.67	0.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	27.95	27.86	27.66	27.82	0.53	ppb
Cobalt	59-2	0.13	0.13	0.15	0.14	7.33	ppb
Copper	63-2	3.27	3.24	3.17	3.22	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				102		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				103		%
Iron	56-2	135.28	134.54	134.49	134.77	0.33	ppb
Iron	57-2	166.85	173.93	166.24	169.01	2.53	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-03	Instrumnet Name :	P7
Client Sample ID :	MA0AQ6	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:41:09	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	164.21	156.82	156.15	159.06	2.81	ppb
Krypton	83-1						cps
Lead	206-1	0.28	0.28	0.25	0.27	6.34	ppb
Lead	207-1	0.24	0.23	0.24	0.24	3.40	ppb
Lead	208-1	0.26	0.26	0.26	0.26	1.69	ppb
Lithium	6-1				91		%
Magnesium	24-2	6618.38	6627.59	6601.55	6615.84	0.20	ppb
Manganese	55-2	77.71	77.07	77.48	77.42	0.42	ppb
Molybdenum	94-1	0.85	0.95	0.85	0.88	6.05	ppb
Molybdenum	95-1	1.11	1.11	1.07	1.10	2.27	ppb
Molybdenum	96-1	1.04	0.99	1.09	1.04	4.56	ppb
Molybdenum	97-1	1.14	1.10	1.03	1.09	5.06	ppb
Molybdenum	98-1	1.05	1.07	1.15	1.09	4.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.55	1.58	1.55	1.56	1.00	ppb
Phosphorus	31-2	96.03	121.57	82.14	99.91	20.02	ppb
Potassium	39-2	2557.06	2580.13	2544.88	2560.69	0.70	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				103		%
Selenium	82-1	-1.37	-1.26	-2.11	-1.58		ppb
Selenium	77-2	0.35	0.34	0.00	0.23	86.60	ppb
Selenium	78-2	1.16	0.37	1.46	1.00	56.19	ppb
Silicon	28-1	20855.61	20536.01	20602.63	20664.75	0.82	ppb
Silver	107-1	0.01	0.01	0.01	0.01	22.04	ppb
Silver	109-1	0.01	0.02	0.02	0.02	22.34	ppb
Sodium	23-2	11036.61	10927.84	11056.65	11007.03	0.63	ppb
Strontium	86-1	11.07	10.92	10.99	11.00	0.67	ppb
Strontium	88-1	11.11	11.12	11.04	11.09	0.41	ppb
Sulfur	34-1	4140.76	4317.87	4303.33	4253.99	2.31	ppb
Terbium	159-1				102		%
Terbium	159-2				104		%
Thallium	203-1	0.02	0.02	0.01	0.02	41.10	ppb
Thallium	205-1	0.01	0.02	0.02	0.02	27.03	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-03	Instrumnet Name :	P7
Client Sample ID :	MA0AQ6	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:41:09	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.02	0.01	0.02	0.02	11.48	ppb
Tin	118-1	0.52	0.48	0.41	0.47	11.21	ppb
Titanium	47-1	4.58	5.18	4.73	4.83	6.51	ppb
Uranium	238-1	4.97	4.96	4.96	4.96	0.09	ppb
Vanadium	51-2	1.62	1.70	1.59	1.64	3.46	ppb
Yttrium	89-1				105		%
Yttrium	89-2				104		%
Zinc	66-2	15.16	14.76	15.40	15.11	2.13	ppb
Zirconium	90-1	0.13	0.09	0.08	0.10	23.24	ppb
Zirconium	91-1	0.12	0.12	0.12	0.12	1.00	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-05	Instrumnet Name :	P7
Client Sample ID :	MA0AY8	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:44:15	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24159.50	24484.28	24243.16	24295.65	0.69	ppb
Antimony	121-1	21.32	21.51	21.47	21.43	0.47	ppb
Arsenic	75-2	8.56	8.87	8.63	8.69	1.86	ppb
Barium	135-1	801.90	805.06	810.06	805.67	0.51	ppb
Barium	137-1	803.84	801.00	804.11	802.98	0.21	ppb
Beryllium	9-1	1.74	1.59	1.69	1.67	4.59	ppb
Bismuth	209-1				94		%
Bismuth	209-2				97		%
Boron	10-1	78.38	82.84	79.53	80.25	2.89	ppb
Boron	11-1	82.85	85.62	84.40	84.29	1.65	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.36	1.49	1.42	1.42	4.29	ppb
Cadmium	106-1	6.03	6.35	4.41	5.60	18.60	ppb
Cadmium	108-1	4.33	4.09	4.15	4.19	3.03	ppb
Calcium	43-1	973275.35	983604.85	989033.57	981971.25	0.82	ppb
Calcium	44-1	962449.51	979465.66	993297.93	978404.37	1.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1285.83	1266.68	1270.83	1274.45	0.79	ppb
Cobalt	59-2	9.04	9.33	9.15	9.17	1.64	ppb
Copper	63-2	84.51	83.84	84.26	84.20	0.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				109		%
Indium	115-1				102		%
Indium	115-2				104		%
Iron	56-2	18953.52	18710.26	19048.56	18904.11	0.92	ppb
Iron	57-2	19548.89	19531.36	19666.07	19582.11	0.37	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-05	Instrumnet Name :	P7
Client Sample ID :	MA0AY8	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:44:15	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	20351.28	20148.43	20263.14	20254.28	0.50	ppb
Krypton	83-1						cps
Lead	206-1	12.79	12.57	12.94	12.77	1.47	ppb
Lead	207-1	11.44	11.74	11.48	11.55	1.41	ppb
Lead	208-1	12.08	12.08	12.16	12.11	0.36	ppb
Lithium	6-1				96		%
Magnesium	24-2	16066.23	15868.54	15884.41	15939.73	0.69	ppb
Manganese	55-2	725.71	726.86	731.17	727.92	0.40	ppb
Molybdenum	94-1	54.73	53.46	53.22	53.80	1.51	ppb
Molybdenum	95-1	17.35	17.56	17.40	17.44	0.64	ppb
Molybdenum	96-1	21.60	22.43	21.85	21.96	1.95	ppb
Molybdenum	97-1	17.71	17.59	17.23	17.51	1.42	ppb
Molybdenum	98-1	17.67	17.87	17.19	17.58	1.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	90.96	90.85	90.85	90.89	0.07	ppb
Phosphorus	31-2	474.06	431.16	443.57	449.60	4.91	ppb
Potassium	39-2	22631.18	22789.01	22823.86	22748.02	0.45	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				107		%
Scandium	45-2				108		%
Selenium	82-1	-14.75	-13.82	-15.11	-14.56		ppb
Selenium	77-2	8.50	5.86	6.51	6.96	19.79	ppb
Selenium	78-2	0.84	1.41	0.38	0.88	58.76	ppb
Silicon	28-1	69102.57	69230.50	70096.69	69476.59	0.78	ppb
Silver	107-1	0.38	0.39	0.38	0.38	1.88	ppb
Silver	109-1	0.37	0.39	0.40	0.39	4.75	ppb
Sodium	23-2	163916.63	165951.17	164912.31	164926.70	0.62	ppb
Strontium	86-1	352.99	355.53	356.24	354.92	0.48	ppb
Strontium	88-1	353.70	363.68	356.94	358.11	1.42	ppb
Sulfur	34-1	24887.78	24963.23	25192.78	25014.60	0.64	ppb
Terbium	159-1				106		%
Terbium	159-2				108		%
Thallium	203-1	0.17	0.19	0.15	0.17	13.16	ppb
Thallium	205-1	0.20	0.21	0.19	0.20	4.39	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-05	Instrumnet Name :	P7
Client Sample ID :	MA0AY8	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:44:15	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	6.87	6.96	6.91	6.91	0.60	ppb
Tin	118-1	7.48	7.79	7.76	7.68	2.24	ppb
Titanium	47-1	891.95	900.80	903.02	898.59	0.65	ppb
Uranium	238-1	3.15	3.15	3.16	3.15	0.15	ppb
Vanadium	51-2	49.97	49.78	49.72	49.82	0.25	ppb
Yttrium	89-1				109		%
Yttrium	89-2				110		%
Zinc	66-2	290.92	291.91	291.20	291.35	0.18	ppb
Zirconium	90-1	28.98	28.54	28.58	28.70	0.85	ppb
Zirconium	91-1	28.33	28.98	28.41	28.57	1.24	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-06	Instrumnet Name :	P7
Client Sample ID :	MA0AZ0	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:47:21	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5347.47	5342.13	5298.51	5329.37	0.50	ppb
Antimony	121-1	0.23	0.24	0.21	0.23	6.84	ppb
Arsenic	75-2	1.10	1.00	1.16	1.09	7.64	ppb
Barium	135-1	360.89	364.96	358.24	361.36	0.94	ppb
Barium	137-1	360.20	364.03	358.72	360.98	0.76	ppb
Beryllium	9-1	0.10	0.06	0.05	0.07	41.33	ppb
Bismuth	209-1				91		%
Bismuth	209-2				96		%
Boron	10-1	41.84	41.38	43.83	42.35	3.08	ppb
Boron	11-1	42.83	43.75	44.28	43.62	1.68	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.37	0.40	0.36	0.38	5.57	ppb
Cadmium	106-1	-0.61	-2.42	-1.73	-1.59		ppb
Cadmium	108-1	0.75	0.60	0.56	0.64	16.36	ppb
Calcium	43-1	214651.56	211762.10	214265.08	213559.58	0.73	ppb
Calcium	44-1	202406.46	202388.49	203796.22	202863.72	0.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	14.90	14.42	14.45	14.59	1.84	ppb
Cobalt	59-2	0.88	0.93	0.91	0.91	2.46	ppb
Copper	63-2	5.07	5.03	4.85	4.99	2.31	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				105		%
Indium	115-1				98		%
Indium	115-2				100		%
Iron	56-2	244.75	241.61	238.70	241.69	1.25	ppb
Iron	57-2	334.39	345.50	351.84	343.91	2.57	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-06	Instrumnet Name :	P7
Client Sample ID :	MA0AZ0	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:47:21	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	261.27	253.92	253.67	256.29	1.68	ppb
Krypton	83-1						cps
Lead	206-1	1.33	1.38	1.24	1.32	5.19	ppb
Lead	207-1	1.13	1.17	1.16	1.15	1.80	ppb
Lead	208-1	1.22	1.24	1.21	1.22	1.19	ppb
Lithium	6-1				94		%
Magnesium	24-2	129.18	130.41	126.20	128.60	1.69	ppb
Manganese	55-2	5.07	5.00	5.02	5.03	0.75	ppb
Molybdenum	94-1	15.67	15.75	15.69	15.70	0.25	ppb
Molybdenum	95-1	21.20	21.86	22.05	21.70	2.05	ppb
Molybdenum	96-1	20.95	21.23	21.22	21.13	0.74	ppb
Molybdenum	97-1	21.49	20.96	21.75	21.40	1.87	ppb
Molybdenum	98-1	21.71	21.36	21.68	21.58	0.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	32.05	32.21	31.29	31.85	1.54	ppb
Phosphorus	31-2	9.47	25.93	21.99	19.13	44.90	ppb
Potassium	39-2	95222.07	93888.12	95845.24	94985.14	1.05	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				97		%
Scandium	45-2				102		%
Selenium	82-1	-23.14	-23.44	-24.12	-23.57		ppb
Selenium	77-2	1.41	1.06	1.38	1.28	15.25	ppb
Selenium	78-2	-0.31	1.37	0.61	0.56	151.50	ppb
Silicon	28-1	5686.03	5590.21	5610.54	5628.93	0.90	ppb
Silver	107-1	0.02	0.03	0.02	0.02	30.05	ppb
Silver	109-1	0.02	0.02	0.02	0.02	7.73	ppb
Sodium	23-2	306447.30	305368.36	307059.26	306291.64	0.28	ppb
Strontium	86-1	571.39	567.57	570.14	569.70	0.34	ppb
Strontium	88-1	569.57	564.49	570.57	568.21	0.57	ppb
Sulfur	34-1	7982.86	7818.43	8080.59	7960.63	1.66	ppb
Terbium	159-1				100		%
Terbium	159-2				104		%
Thallium	203-1	0.00	0.00	0.02	0.00	288.79	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	25.95	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-06	Instrumnet Name :	P7
Client Sample ID :	MA0AZ0	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:47:21	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.08	0.08	0.08	0.08	2.74	ppb
Tin	118-1	1.10	1.18	1.18	1.15	3.96	ppb
Titanium	47-1	7.46	7.40	6.77	7.21	5.28	ppb
Uranium	238-1	0.17	0.18	0.18	0.18	3.06	ppb
Vanadium	51-2	2.49	2.52	2.34	2.45	3.94	ppb
Yttrium	89-1				101		%
Yttrium	89-2				103		%
Zinc	66-2	5.39	5.15	4.98	5.17	3.91	ppb
Zirconium	90-1	0.32	0.27	0.25	0.28	12.23	ppb
Zirconium	91-1	0.27	0.28	0.26	0.27	3.22	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-07	Instrumnet Name :	P7
Client Sample ID :	MA0AZ2	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:50:28	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9153.15	9339.21	9236.42	9242.92	1.01	ppb
Antimony	121-1	2.12	2.12	2.25	2.16	3.65	ppb
Arsenic	75-2	7.21	7.19	7.29	7.23	0.74	ppb
Barium	135-1	327.31	338.94	345.43	337.23	2.72	ppb
Barium	137-1	328.18	339.51	342.87	336.85	2.29	ppb
Beryllium	9-1	0.18	0.15	0.15	0.16	10.89	ppb
Bismuth	209-1				85		%
Bismuth	209-2				87		%
Boron	10-1	109.98	117.02	120.55	115.85	4.64	ppb
Boron	11-1	112.21	117.55	118.59	116.12	2.95	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.16	0.13	0.14	0.15	10.46	ppb
Cadmium	106-1	0.85	0.68	0.45	0.66	29.85	ppb
Cadmium	108-1	1.23	1.62	1.58	1.47	14.43	ppb
Calcium	43-1	181068.21	182371.35	180479.58	181306.38	0.53	ppb
Calcium	44-1	172121.39	173043.24	171339.79	172168.14	0.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	683.03	675.33	664.87	674.41	1.35	ppb
Cobalt	59-2	9.10	9.19	9.07	9.12	0.71	ppb
Copper	63-2	46.40	46.31	45.86	46.19	0.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				96		%
Indium	115-1				92		%
Indium	115-2				95		%
Iron	56-2	6225.20	6233.17	6127.38	6195.25	0.95	ppb
Iron	57-2	6446.81	6414.45	6288.81	6383.36	1.31	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-07	Instrumnet Name :	P7
Client Sample ID :	MA0AZ2	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:50:28	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	6945.17	6877.19	6767.49	6863.28	1.31	ppb
Krypton	83-1						cps
Lead	206-1	3.97	3.99	3.90	3.96	1.15	ppb
Lead	207-1	3.53	3.50	3.45	3.49	1.14	ppb
Lead	208-1	3.69	3.72	3.67	3.69	0.67	ppb
Lithium	6-1				110		%
Magnesium	24-2	2943.78	3013.83	2969.09	2975.57	1.19	ppb
Manganese	55-2	160.10	158.19	156.88	158.39	1.03	ppb
Molybdenum	94-1	42.62	43.45	43.12	43.06	0.97	ppb
Molybdenum	95-1	42.44	42.83	42.64	42.64	0.46	ppb
Molybdenum	96-1	42.84	42.42	42.05	42.44	0.94	ppb
Molybdenum	97-1	43.13	43.29	42.08	42.83	1.53	ppb
Molybdenum	98-1	42.17	42.15	41.93	42.08	0.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	78.58	78.55	77.37	78.17	0.88	ppb
Phosphorus	31-2	205.08	199.14	156.76	187.00	14.09	ppb
Potassium	39-2	366709.33	377326.49	371829.77	371955.20	1.43	ppb
Rhodium	103-1				86		%
Rhodium	103-2				90		%
Scandium	45-1				94		%
Scandium	45-2				99		%
Selenium	82-1	-34.06	-35.72	-33.03	-34.27		ppb
Selenium	77-2	2.17	2.86	2.54	2.52	13.68	ppb
Selenium	78-2	0.90	2.13	2.22	1.75	42.11	ppb
Silicon	28-1	23879.93	24070.01	23574.42	23841.45	1.05	ppb
Silver	107-1	0.05	0.05	0.05	0.05	3.82	ppb
Silver	109-1	0.04	0.04	0.07	0.05	37.74	ppb
Sodium	23-2	814910.65	829516.04	818008.08	820811.59	0.94	ppb
Strontium	86-1	873.62	873.76	867.03	871.47	0.44	ppb
Strontium	88-1	875.43	881.24	875.53	877.40	0.38	ppb
Sulfur	34-1	174729.04	173966.24	170047.15	172914.14	1.45	ppb
Terbium	159-1				96		%
Terbium	159-2				98		%
Thallium	203-1	0.04	0.06	0.05	0.05	22.03	ppb
Thallium	205-1	0.06	0.05	0.06	0.06	14.72	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-07	Instrumnet Name :	P7
Client Sample ID :	MA0AZ2	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:50:28	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.85	0.87	0.86	0.86	0.92	ppb
Tin	118-1	3.64	3.72	3.79	3.72	2.11	ppb
Titanium	47-1	177.05	177.90	179.12	178.02	0.58	ppb
Uranium	238-1	2.87	3.00	2.93	2.93	2.10	ppb
Vanadium	51-2	64.98	64.44	63.71	64.38	0.99	ppb
Yttrium	89-1				98		%
Yttrium	89-2				99		%
Zinc	66-2	73.10	71.75	70.75	71.87	1.64	ppb
Zirconium	90-1	9.27	9.29	9.21	9.26	0.45	ppb
Zirconium	91-1	9.08	9.09	9.24	9.14	0.99	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-08	Instrumnet Name :	P7
Client Sample ID :	MA0AM6	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:53:39	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.27	11.88	10.09	11.08	8.21	ppb
Antimony	121-1	0.05	0.06	0.05	0.05	5.27	ppb
Arsenic	75-2	0.07	0.08	0.05	0.07	18.77	ppb
Barium	135-1	0.82	0.88	0.88	0.86	3.69	ppb
Barium	137-1	0.90	0.87	0.93	0.90	3.28	ppb
Beryllium	9-1	0.02	0.05	0.02	0.03	59.46	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	10-1	36.88	36.42	34.78	36.02	3.06	ppb
Boron	11-1	36.59	36.16	35.97	36.24	0.88	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.00	-0.04	-0.06	-0.03		ppb
Cadmium	106-1	-1.19	-1.94	-2.88	-2.01		ppb
Cadmium	108-1	-0.08	0.01	-0.02	-0.03		ppb
Calcium	43-1	178.58	182.51	183.59	181.56	1.45	ppb
Calcium	44-1	196.14	200.23	200.40	198.92	1.21	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.82	2.85	2.74	2.80	2.05	ppb
Cobalt	59-2	0.01	0.03	0.01	0.02	50.21	ppb
Copper	63-2	0.35	0.31	0.34	0.34	6.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				104		%
Iron	56-2	15.96	15.77	15.90	15.87	0.61	ppb
Iron	57-2	14.35	15.36	16.43	15.38	6.76	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-08	Instrumnet Name :	P7
Client Sample ID :	MA0AM6	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:53:39	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	19.58	20.27	18.77	19.54	3.85	ppb
Krypton	83-1						cps
Lead	206-1	0.21	0.21	0.22	0.21	2.44	ppb
Lead	207-1	0.18	0.18	0.16	0.18	5.24	ppb
Lead	208-1	0.20	0.20	0.19	0.19	3.46	ppb
Lithium	6-1				102		%
Magnesium	24-2	6.90	6.91	6.58	6.79	2.76	ppb
Manganese	55-2	0.98	1.03	1.05	1.02	3.61	ppb
Molybdenum	94-1	0.02	0.05	0.06	0.04	40.88	ppb
Molybdenum	95-1	0.07	0.07	0.07	0.07	4.19	ppb
Molybdenum	96-1	0.06	0.05	0.07	0.06	13.61	ppb
Molybdenum	97-1	0.03	0.11	0.05	0.06	67.40	ppb
Molybdenum	98-1	0.07	0.09	0.07	0.08	19.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.26	1.25	1.15	1.22	4.74	ppb
Phosphorus	31-2	0.08	22.58	0.40	7.69	167.81	ppb
Potassium	39-2	227.66	219.25	221.00	222.63	1.99	ppb
Rhodium	103-1				105		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	82-1	1.13	-3.55	-1.74	-1.38		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.21	-0.97	0.63	-0.18		ppb
Silicon	28-1	4134.07	4220.10	4110.44	4154.87	1.39	ppb
Silver	107-1	0.00	0.00	0.01	0.00	109.07	ppb
Silver	109-1	0.01	0.01	0.00	0.01	42.85	ppb
Sodium	23-2	491.88	473.53	468.13	477.85	2.61	ppb
Strontium	86-1	0.35	0.36	0.37	0.36	2.95	ppb
Strontium	88-1	0.37	0.40	0.39	0.39	2.81	ppb
Sulfur	34-1	-821.72	-680.66	-1128.12	-876.84		ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	-0.02	-0.01	-0.02	-0.02		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-08	Instrumnet Name :	P7
Client Sample ID :	MA0AM6	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:53:39	DataFile Name :	035SMPL.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	0.08	0.13	0.10	0.10	23.99	ppb
Titanium	47-1	0.39	0.49	0.52	0.47	13.73	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	33.93	ppb
Vanadium	51-2	0.05	0.04	0.04	0.05	13.01	ppb
Yttrium	89-1				106		%
Yttrium	89-2				103		%
Zinc	66-2	2.67	2.66	2.41	2.58	5.67	ppb
Zirconium	90-1	-0.01	0.00	0.01	0.00	1638.28	ppb
Zirconium	91-1	0.02	0.04	0.01	0.02	74.71	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-09	Instrumnet Name :	P7
Client Sample ID :	MA0AN4	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:56:47	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	931.00	949.13	926.72	935.62	1.27	ppb
Antimony	121-1	1.67	1.68	1.68	1.68	0.59	ppb
Arsenic	75-2	0.32	0.31	0.33	0.32	3.81	ppb
Barium	135-1	549.32	555.70	571.67	558.90	2.06	ppb
Barium	137-1	551.16	563.79	567.45	560.80	1.52	ppb
Beryllium	9-1	0.03	0.04	0.00	0.02	73.64	ppb
Bismuth	209-1				92		%
Bismuth	209-2				95		%
Boron	10-1	40.39	39.36	42.43	40.73	3.83	ppb
Boron	11-1	41.13	39.92	42.09	41.05	2.65	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.04	0.01	-0.02	-0.01		ppb
Cadmium	106-1	-1.91	-0.44	-2.17	-1.51		ppb
Cadmium	108-1	0.12	-0.04	-0.04	0.01	716.99	ppb
Calcium	43-1	402904.72	400577.49	406318.95	403267.05	0.72	ppb
Calcium	44-1	400287.36	396756.06	402310.69	399784.70	0.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	90.92	91.30	91.38	91.20	0.27	ppb
Cobalt	59-2	1.01	1.00	1.01	1.01	0.54	ppb
Copper	63-2	7.98	7.92	7.83	7.91	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				101		%
Holmium	165-2				105		%
Indium	115-1				99		%
Indium	115-2				101		%
Iron	56-2	295.19	292.73	296.17	294.70	0.60	ppb
Iron	57-2	483.18	485.44	498.08	488.90	1.64	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-09	Instrumnet Name :	P7
Client Sample ID :	MA0AN4	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:56:47	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	360.28	357.91	366.65	361.62	1.25	ppb
Krypton	83-1						cps
Lead	206-1	0.90	0.85	0.88	0.88	2.74	ppb
Lead	207-1	0.73	0.77	0.76	0.75	2.60	ppb
Lead	208-1	0.81	0.83	0.83	0.82	0.81	ppb
Lithium	6-1				98		%
Magnesium	24-2	100.82	101.50	103.15	101.82	1.18	ppb
Manganese	55-2	9.33	9.40	9.39	9.37	0.41	ppb
Molybdenum	94-1	3.63	3.85	3.93	3.80	4.17	ppb
Molybdenum	95-1	4.83	5.18	5.28	5.10	4.67	ppb
Molybdenum	96-1	4.74	4.75	4.85	4.78	1.26	ppb
Molybdenum	97-1	4.80	4.99	5.01	4.93	2.38	ppb
Molybdenum	98-1	5.07	4.91	5.06	5.01	1.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	36.16	35.26	35.69	35.70	1.26	ppb
Phosphorus	31-2	23.55	9.62	27.17	20.11	46.07	ppb
Potassium	39-2	42644.63	42331.58	42539.70	42505.31	0.37	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				100		%
Scandium	45-2				103		%
Selenium	82-1	-19.65	-20.58	-20.97	-20.40		ppb
Selenium	77-2	0.35	0.35	0.00	0.23	86.60	ppb
Selenium	78-2	-0.35	-0.11	1.06	0.20	373.88	ppb
Silicon	28-1	5226.95	5179.89	5241.49	5216.11	0.62	ppb
Silver	107-1	0.01	0.01	0.00	0.01	70.10	ppb
Silver	109-1	0.01	0.00	0.01	0.01	75.02	ppb
Sodium	23-2	118444.12	117679.12	118694.22	118272.49	0.45	ppb
Strontium	86-1	480.37	491.45	489.96	487.26	1.23	ppb
Strontium	88-1	487.30	488.62	489.23	488.38	0.20	ppb
Sulfur	34-1	4868.80	5078.21	5449.47	5132.16	5.73	ppb
Terbium	159-1				99		%
Terbium	159-2				104		%
Thallium	203-1	0.03	0.04	0.02	0.03	23.24	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	6.26	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-09	Instrumnet Name :	P7
Client Sample ID :	MA0AN4	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:56:47	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.02	0.02	0.02	0.02	3.73	ppb
Tin	118-1	0.56	0.63	0.66	0.62	8.00	ppb
Titanium	47-1	6.69	4.28	4.60	5.19	25.25	ppb
Uranium	238-1	0.10	0.09	0.09	0.09	5.73	ppb
Vanadium	51-2	0.43	0.37	0.43	0.41	8.83	ppb
Yttrium	89-1				102		%
Yttrium	89-2				103		%
Zinc	66-2	4.50	4.61	4.62	4.58	1.48	ppb
Zirconium	90-1	0.14	0.15	0.13	0.14	4.36	ppb
Zirconium	91-1	0.14	0.13	0.12	0.13	7.25	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-10	Instrumnet Name :	P7
Client Sample ID :	MA0AQ8	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:59:52	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5932.32	5877.43	5955.20	5921.65	0.67	ppb
Antimony	121-1	2.14	2.14	2.06	2.11	2.25	ppb
Arsenic	75-2	2.55	2.37	2.57	2.50	4.49	ppb
Barium	135-1	262.61	266.12	267.01	265.25	0.88	ppb
Barium	137-1	263.71	266.62	267.56	265.96	0.75	ppb
Beryllium	9-1	0.27	0.24	0.29	0.27	8.82	ppb
Bismuth	209-1				92		%
Bismuth	209-2				96		%
Boron	10-1	70.29	77.12	72.43	73.28	4.76	ppb
Boron	11-1	72.68	77.32	74.33	74.78	3.14	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.20	0.26	0.17	0.21	21.15	ppb
Cadmium	106-1	0.49	0.48	-1.27	-0.10		ppb
Cadmium	108-1	1.60	1.16	1.79	1.52	21.21	ppb
Calcium	43-1	198130.64	198935.90	198651.28	198572.61	0.21	ppb
Calcium	44-1	190672.08	191153.57	191581.13	191135.59	0.24	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	703.62	704.03	710.96	706.20	0.58	ppb
Cobalt	59-2	1.53	1.51	1.56	1.53	1.66	ppb
Copper	63-2	26.08	25.92	26.33	26.11	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				106		%
Indium	115-1				99		%
Indium	115-2				102		%
Iron	56-2	2705.75	2724.72	2726.15	2718.87	0.42	ppb
Iron	57-2	2856.63	2826.49	2859.29	2847.47	0.64	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-10	Instrumnet Name :	P7
Client Sample ID :	MA0AQ8	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:59:52	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	3282.95	3316.56	3256.68	3285.40	0.91	ppb
Krypton	83-1						cps
Lead	206-1	4.55	4.51	4.67	4.57	1.80	ppb
Lead	207-1	3.96	4.08	4.16	4.07	2.47	ppb
Lead	208-1	4.24	4.26	4.35	4.28	1.40	ppb
Lithium	6-1				97		%
Magnesium	24-2	2114.76	2107.49	2102.60	2108.29	0.29	ppb
Manganese	55-2	121.51	121.40	124.19	122.37	1.29	ppb
Molybdenum	94-1	81.87	82.27	81.40	81.85	0.53	ppb
Molybdenum	95-1	105.12	105.35	105.33	105.27	0.12	ppb
Molybdenum	96-1	100.56	102.27	101.84	101.56	0.88	ppb
Molybdenum	97-1	104.08	104.36	103.43	103.96	0.46	ppb
Molybdenum	98-1	103.75	104.45	103.36	103.85	0.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	12.75	13.12	12.90	12.92	1.43	ppb
Phosphorus	31-2	97.12	49.08	90.50	78.90	33.00	ppb
Potassium	39-2	42345.36	42498.54	42214.75	42352.88	0.34	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				104		%
Selenium	82-1	-6.27	-6.71	-5.54	-6.17		ppb
Selenium	77-2	3.12	2.05	3.73	2.97	28.71	ppb
Selenium	78-2	1.10	2.57	1.18	1.62	51.26	ppb
Silicon	28-1	19787.12	20071.60	20130.42	19996.38	0.92	ppb
Silver	107-1	0.09	0.07	0.09	0.08	13.39	ppb
Silver	109-1	0.08	0.09	0.07	0.08	12.44	ppb
Sodium	23-2	401771.32	402107.66	399562.51	401147.16	0.34	ppb
Strontium	86-1	171.18	170.14	170.93	170.75	0.32	ppb
Strontium	88-1	175.19	175.40	176.50	175.69	0.40	ppb
Sulfur	34-1	75721.24	76364.96	75156.61	75747.60	0.80	ppb
Terbium	159-1				102		%
Terbium	159-2				106		%
Thallium	203-1	0.04	0.05	0.05	0.05	14.15	ppb
Thallium	205-1	0.04	0.03	0.02	0.03	19.35	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-10	Instrumnet Name :	P7
Client Sample ID :	MA0AQ8	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:59:52	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	1.70	1.74	1.82	1.76	3.45	ppb
Tin	118-1	2.16	2.15	2.09	2.13	1.86	ppb
Titanium	47-1	125.31	126.11	127.57	126.33	0.91	ppb
Uranium	238-1	1.58	1.61	1.66	1.62	2.50	ppb
Vanadium	51-2	14.48	14.85	15.15	14.83	2.24	ppb
Yttrium	89-1				104		%
Yttrium	89-2				105		%
Zinc	66-2	48.70	48.84	48.11	48.55	0.80	ppb
Zirconium	90-1	5.26	5.26	5.30	5.27	0.43	ppb
Zirconium	91-1	5.34	5.07	5.13	5.18	2.72	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-11	Instrumnet Name :	P7
Client Sample ID :	MA0AR2	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 10:02:59	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3888.84	3922.90	3827.97	3879.90	1.24	ppb
Antimony	121-1	0.73	0.74	0.71	0.73	1.76	ppb
Arsenic	75-2	4.85	5.05	5.15	5.02	3.03	ppb
Barium	135-1	14.94	14.56	14.56	14.68	1.50	ppb
Barium	137-1	14.42	14.71	14.74	14.62	1.23	ppb
Beryllium	9-1	0.04	0.04	0.05	0.04	23.80	ppb
Bismuth	209-1				94		%
Bismuth	209-2				95		%
Boron	10-1	52.97	50.98	51.81	51.92	1.92	ppb
Boron	11-1	51.04	52.32	54.19	52.52	3.01	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.00	0.06	0.07	0.04	88.02	ppb
Cadmium	106-1	-2.35	-1.43	-0.67	-1.48		ppb
Cadmium	108-1	0.36	0.33	0.11	0.27	51.95	ppb
Calcium	43-1	13113.73	13092.15	13018.11	13074.66	0.38	ppb
Calcium	44-1	12961.79	12893.27	12920.91	12925.32	0.27	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	158.51	160.03	159.26	159.27	0.48	ppb
Cobalt	59-2	0.34	0.37	0.35	0.35	4.42	ppb
Copper	63-2	15.89	15.97	15.88	15.92	0.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				103		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	227.36	226.99	224.52	226.29	0.68	ppb
Iron	57-2	232.81	225.83	230.10	229.58	1.53	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-11	Instrumnet Name :	P7
Client Sample ID :	MA0AR2	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 10:02:59	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	338.34	336.27	326.80	333.81	1.84	ppb
Krypton	83-1						cps
Lead	206-1	0.50	0.55	0.54	0.53	4.66	ppb
Lead	207-1	0.45	0.44	0.49	0.46	5.25	ppb
Lead	208-1	0.49	0.48	0.50	0.49	1.45	ppb
Lithium	6-1				96		%
Magnesium	24-2	106.33	106.14	104.11	105.52	1.17	ppb
Manganese	55-2	5.70	5.61	5.60	5.64	1.04	ppb
Molybdenum	94-1	20.61	20.70	20.57	20.63	0.34	ppb
Molybdenum	95-1	28.70	28.45	28.09	28.41	1.07	ppb
Molybdenum	96-1	27.56	27.66	27.60	27.61	0.17	ppb
Molybdenum	97-1	28.59	28.55	28.76	28.63	0.39	ppb
Molybdenum	98-1	28.79	28.73	28.99	28.84	0.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.69	5.77	5.68	5.72	0.87	ppb
Phosphorus	31-2	39.86	27.16	19.22	28.74	36.22	ppb
Potassium	39-2	41257.48	41394.76	41091.32	41247.86	0.37	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				101		%
Selenium	82-1	-1.10	-0.62	-2.15	-1.29		ppb
Selenium	77-2	0.36	0.35	0.35	0.35	0.72	ppb
Selenium	78-2	-0.17	0.92	0.47	0.41	134.85	ppb
Silicon	28-1	14037.93	14135.72	14036.95	14070.20	0.40	ppb
Silver	107-1	0.01	0.00	0.00	0.00	110.74	ppb
Silver	109-1	0.01	0.01	0.01	0.01	8.40	ppb
Sodium	23-2	145661.81	148208.17	144561.14	146143.71	1.28	ppb
Strontium	86-1	24.81	24.68	24.90	24.79	0.45	ppb
Strontium	88-1	24.35	24.49	24.84	24.56	1.04	ppb
Sulfur	34-1	30139.67	30191.14	30366.60	30232.47	0.39	ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	0.04	0.03	0.03	0.03	22.32	ppb
Thallium	205-1	0.03	0.03	0.04	0.03	20.62	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-11	Instrumnet Name :	P7
Client Sample ID :	MA0AR2	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 10:02:59	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.04	0.04	0.04	0.04	6.16	ppb
Tin	118-1	1.09	1.17	1.20	1.16	4.91	ppb
Titanium	47-1	7.65	7.22	7.69	7.52	3.50	ppb
Uranium	238-1	0.27	0.26	0.26	0.27	1.82	ppb
Vanadium	51-2	20.87	21.10	21.26	21.08	0.91	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	7.05	7.11	6.71	6.95	3.07	ppb
Zirconium	90-1	0.26	0.25	0.26	0.26	1.66	ppb
Zirconium	91-1	0.32	0.24	0.26	0.27	14.76	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-12	Instrumnet Name :	P7
Client Sample ID :	MA0AQ4	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 10:06:07	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	257.58	271.47	246.56	258.54	4.83	ppb
Antimony	121-1	0.11	0.11	0.11	0.11	2.57	ppb
Arsenic	75-2	0.53	0.65	0.62	0.60	10.29	ppb
Barium	135-1	22.22	22.38	22.87	22.49	1.52	ppb
Barium	137-1	22.50	22.19	22.58	22.42	0.91	ppb
Beryllium	9-1	0.07	0.04	0.03	0.05	52.32	ppb
Bismuth	209-1				96		%
Bismuth	209-2				97		%
Boron	10-1	42.70	44.46	44.76	43.97	2.53	ppb
Boron	11-1	43.96	45.22	45.66	44.95	1.96	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.02	0.00	-0.02	0.00	893.43	ppb
Cadmium	106-1	0.27	-1.99	-2.13	-1.28		ppb
Cadmium	108-1	0.24	0.07	0.07	0.13	73.57	ppb
Calcium	43-1	73152.08	73475.26	72793.23	73140.19	0.47	ppb
Calcium	44-1	69578.42	70108.90	69702.33	69796.55	0.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	41.57	41.31	41.44	41.44	0.30	ppb
Cobalt	59-2	0.46	0.48	0.44	0.46	4.66	ppb
Copper	63-2	1.14	1.14	1.14	1.14	0.17	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				102		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	396.68	397.25	398.97	397.63	0.30	ppb
Iron	57-2	424.38	437.78	428.28	430.14	1.60	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-12	Instrumnet Name :	P7
Client Sample ID :	MA0AQ4	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 10:06:07	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	425.60	424.24	437.83	429.22	1.74	ppb
Krypton	83-1						cps
Lead	206-1	1.16	1.23	1.30	1.23	5.46	ppb
Lead	207-1	1.01	1.07	1.12	1.07	5.00	ppb
Lead	208-1	1.06	1.13	1.16	1.12	4.73	ppb
Lithium	6-1				96		%
Magnesium	24-2	9741.33	9698.33	9670.10	9703.25	0.37	ppb
Manganese	55-2	585.00	585.01	580.23	583.41	0.47	ppb
Molybdenum	94-1	3.44	3.45	3.44	3.44	0.21	ppb
Molybdenum	95-1	4.45	4.50	4.46	4.47	0.57	ppb
Molybdenum	96-1	4.39	4.50	4.14	4.35	4.24	ppb
Molybdenum	97-1	4.47	4.61	4.61	4.56	1.80	ppb
Molybdenum	98-1	4.59	4.49	4.42	4.50	1.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.72	0.64	0.66	0.67	6.37	ppb
Phosphorus	31-2	26.34	15.83	22.77	21.65	24.70	ppb
Potassium	39-2	3016.81	2986.58	3011.58	3004.99	0.54	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	82-1	-0.77	-0.66	-1.74	-1.06		ppb
Selenium	77-2	1.42	1.07	0.71	1.06	33.64	ppb
Selenium	78-2	0.50	-0.21	-0.08	0.07	520.07	ppb
Silicon	28-1	10761.56	10778.95	10700.54	10747.02	0.38	ppb
Silver	107-1	0.01	0.01	0.01	0.01	23.44	ppb
Silver	109-1	0.02	0.02	0.02	0.02	10.55	ppb
Sodium	23-2	19543.33	19543.26	19523.19	19536.59	0.06	ppb
Strontium	86-1	11.66	11.26	11.62	11.52	1.90	ppb
Strontium	88-1	11.57	11.40	11.54	11.50	0.80	ppb
Sulfur	34-1	9182.11	8781.26	8417.78	8793.71	4.35	ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.00	0.01	0.00	0.01	93.89	ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-12	Instrumnet Name :	P7
Client Sample ID :	MA0AQ4	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 10:06:07	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.43	0.44	0.43	0.43	1.81	ppb
Tin	118-1	0.45	0.39	0.40	0.42	7.55	ppb
Titanium	47-1	7.68	8.07	8.27	8.01	3.77	ppb
Uranium	238-1	83.23	84.57	83.15	83.65	0.95	ppb
Vanadium	51-2	1.28	1.28	1.23	1.26	2.18	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	7.32	6.67	6.69	6.89	5.30	ppb
Zirconium	90-1	0.18	0.18	0.19	0.18	5.64	ppb
Zirconium	91-1	0.16	0.22	0.25	0.21	19.84	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-13	Instrumnet Name :	P7
Client Sample ID :	MA0AW8	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 10:09:15	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.76	5.50	4.72	4.99	8.76	ppb
Antimony	121-1	0.05	0.04	0.04	0.04	18.57	ppb
Arsenic	75-2	0.29	0.26	0.26	0.27	5.18	ppb
Barium	135-1	31.40	31.10	30.26	30.92	1.91	ppb
Barium	137-1	31.43	32.64	30.54	31.54	3.34	ppb
Beryllium	9-1	0.05	0.10	0.08	0.08	31.32	ppb
Bismuth	209-1				96		%
Bismuth	209-2				96		%
Boron	10-1	50.81	54.40	55.45	53.55	4.54	ppb
Boron	11-1	54.11	55.84	56.26	55.41	2.06	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.01	0.00	-0.03	-0.02		ppb
Cadmium	106-1	-1.70	-0.92	-2.45	-1.69		ppb
Cadmium	108-1	-0.10	-0.01	-0.08	-0.06		ppb
Calcium	43-1	62834.78	62868.86	63319.25	63007.63	0.43	ppb
Calcium	44-1	59819.99	59587.06	60516.58	59974.55	0.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.61	0.67	0.67	0.65	5.48	ppb
Cobalt	59-2	0.14	0.17	0.15	0.15	10.46	ppb
Copper	63-2	24.67	24.86	24.35	24.63	1.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	9931.23	10167.17	10009.62	10036.01	1.20	ppb
Iron	57-2	10098.07	10279.87	10031.96	10136.64	1.27	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-13	Instrumnet Name :	P7
Client Sample ID :	MA0AW8	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 10:09:15	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	10222.66	10374.62	10214.73	10270.67	0.88	ppb
Krypton	83-1						cps
Lead	206-1	0.86	0.89	0.86	0.87	1.99	ppb
Lead	207-1	0.83	0.72	0.75	0.77	7.58	ppb
Lead	208-1	0.84	0.79	0.78	0.80	3.43	ppb
Lithium	6-1				96		%
Magnesium	24-2	9052.32	9054.00	9029.60	9045.31	0.15	ppb
Manganese	55-2	279.46	284.98	280.59	281.68	1.04	ppb
Molybdenum	94-1	1.13	1.13	1.05	1.10	3.99	ppb
Molybdenum	95-1	1.45	1.45	1.42	1.44	1.08	ppb
Molybdenum	96-1	1.46	1.50	1.43	1.46	2.26	ppb
Molybdenum	97-1	1.45	1.50	1.51	1.49	2.12	ppb
Molybdenum	98-1	1.49	1.45	1.61	1.51	5.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.61	0.65	0.58	0.61	5.83	ppb
Phosphorus	31-2	5.95	13.56	13.46	10.99	39.72	ppb
Potassium	39-2	3136.28	3171.56	3115.59	3141.14	0.90	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	82-1	-1.24	-1.32	-3.34	-1.97		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.96	0.87	-0.40	0.48	160.33	ppb
Silicon	28-1	11252.43	11353.89	11245.08	11283.80	0.54	ppb
Silver	107-1	0.10	0.13	0.11	0.11	13.33	ppb
Silver	109-1	0.12	0.11	0.12	0.12	4.88	ppb
Sodium	23-2	29769.25	30140.10	29607.36	29838.90	0.92	ppb
Strontium	86-1	15.71	15.95	15.82	15.82	0.76	ppb
Strontium	88-1	15.57	15.72	15.69	15.66	0.50	ppb
Sulfur	34-1	6055.97	5976.06	5874.08	5968.70	1.53	ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	-0.01	0.00	-0.01	-0.01		ppb
Thallium	205-1	0.00	-0.01	0.00	0.00		ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-13	Instrumnet Name :	P7
Client Sample ID :	MA0AW8	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 10:09:15	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	20.63	ppb
Tin	118-1	0.15	0.13	0.13	0.14	8.98	ppb
Titanium	47-1	0.98	0.84	0.78	0.87	11.54	ppb
Uranium	238-1	68.08	68.26	68.27	68.20	0.15	ppb
Vanadium	51-2	2.37	2.30	2.35	2.34	1.61	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	24.30	23.98	24.24	24.17	0.71	ppb
Zirconium	90-1	0.02	0.03	0.01	0.02	41.26	ppb
Zirconium	91-1	0.03	0.01	0.03	0.02	34.48	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-14	Instrumnet Name :	P7
Client Sample ID :	MA0AX6	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 10:12:24	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.31	2.08	1.84	2.08	11.43	ppb
Antimony	121-1	0.02	0.01	0.02	0.02	16.55	ppb
Arsenic	75-2	0.04	0.05	0.04	0.04	21.84	ppb
Barium	135-1	8.16	7.72	8.15	8.01	3.14	ppb
Barium	137-1	8.10	7.80	8.31	8.07	3.18	ppb
Beryllium	9-1	0.06	0.10	0.16	0.11	43.72	ppb
Bismuth	209-1				94		%
Bismuth	209-2				95		%
Boron	10-1	54.24	51.54	53.96	53.25	2.78	ppb
Boron	11-1	53.56	55.48	56.48	55.18	2.69	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.01	-0.02	-0.03	-0.01		ppb
Cadmium	106-1	0.32	-1.92	-2.10	-1.24		ppb
Cadmium	108-1	0.11	-0.01	-0.01	0.03	247.53	ppb
Calcium	43-1	147365.44	147791.07	148127.03	147761.18	0.26	ppb
Calcium	44-1	141777.03	141632.39	141307.32	141572.25	0.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.68	0.66	0.72	0.69	4.22	ppb
Cobalt	59-2	0.02	0.01	0.01	0.02	18.84	ppb
Copper	63-2	9.79	9.85	9.72	9.79	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				101		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	12.67	12.56	11.62	12.28	4.69	ppb
Iron	57-2	75.38	80.82	83.57	79.93	5.22	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-14	Instrumnet Name :	P7
Client Sample ID :	MA0AX6	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 10:12:24	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	16.48	12.27	12.80	13.85	16.56	ppb
Krypton	83-1						cps
Lead	206-1	2.88	2.92	2.94	2.91	0.97	ppb
Lead	207-1	2.57	2.65	2.62	2.62	1.53	ppb
Lead	208-1	2.73	2.77	2.77	2.75	0.78	ppb
Lithium	6-1				95		%
Magnesium	24-2	16988.31	17109.02	16714.84	16937.39	1.19	ppb
Manganese	55-2	0.27	0.27	0.24	0.26	6.80	ppb
Molybdenum	94-1	1.18	1.18	1.21	1.19	1.76	ppb
Molybdenum	95-1	1.44	1.50	1.55	1.50	3.50	ppb
Molybdenum	96-1	1.51	1.52	1.55	1.52	1.29	ppb
Molybdenum	97-1	1.53	1.53	1.74	1.60	7.56	ppb
Molybdenum	98-1	1.48	1.56	1.58	1.54	3.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.33	0.30	0.34	0.32	6.62	ppb
Phosphorus	31-2	-1.87	30.76	-2.04	8.95	211.01	ppb
Potassium	39-2	7132.54	7179.43	7181.89	7164.62	0.39	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				98		%
Scandium	45-2				100		%
Selenium	82-1	-1.34	-1.85	-0.72	-1.30		ppb
Selenium	77-2	0.00	0.00	0.71	0.24	173.21	ppb
Selenium	78-2	0.15	0.47	0.56	0.39	54.90	ppb
Silicon	28-1	10030.19	10039.75	10027.42	10032.45	0.06	ppb
Silver	107-1	0.05	0.04	0.04	0.04	7.62	ppb
Silver	109-1	0.04	0.05	0.05	0.05	10.00	ppb
Sodium	23-2	77884.21	78499.65	77198.90	77860.92	0.84	ppb
Strontium	86-1	43.78	44.06	43.29	43.71	0.90	ppb
Strontium	88-1	44.87	44.50	44.23	44.54	0.72	ppb
Sulfur	34-1	30080.64	30179.78	30312.38	30190.93	0.39	ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	0.05	0.04	0.03	0.04	31.17	ppb
Thallium	205-1	0.04	0.04	0.03	0.04	16.40	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-14	Instrumnet Name :	P7
Client Sample ID :	MA0AX6	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 10:12:24	DataFile Name :	041SMPL.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	0.09	0.15	0.11	0.12	29.18	ppb
Titanium	47-1	0.65	0.61	0.60	0.62	4.30	ppb
Uranium	238-1	15.34	15.21	15.06	15.20	0.89	ppb
Vanadium	51-2	0.61	0.60	0.57	0.59	3.35	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	25.22	25.63	24.80	25.22	1.65	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	51.99	ppb
Zirconium	91-1	0.01	0.03	0.01	0.02	35.93	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-15	Instrumnet Name :	P7
Client Sample ID :	MA0AM8	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 10:15:33	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.98	9.26	9.49	9.24	2.76	ppb
Antimony	121-1	0.04	0.05	0.04	0.04	17.45	ppb
Arsenic	75-2	0.07	0.10	0.06	0.08	24.98	ppb
Barium	135-1	0.84	0.72	0.71	0.76	9.64	ppb
Barium	137-1	0.77	0.73	0.71	0.74	3.82	ppb
Beryllium	9-1	0.03	0.01	0.03	0.03	51.24	ppb
Bismuth	209-1				95		%
Bismuth	209-2				96		%
Boron	10-1	34.53	34.04	38.12	35.56	6.26	ppb
Boron	11-1	35.89	38.52	38.98	37.80	4.41	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.01	-0.01	-0.01	-0.01		ppb
Cadmium	106-1	-1.00	-0.52	-1.49	-1.00		ppb
Cadmium	108-1	0.03	0.22	-0.07	0.06	256.38	ppb
Calcium	43-1	274.67	219.38	161.48	218.51	25.90	ppb
Calcium	44-1	312.62	235.03	188.98	245.54	25.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.63	0.64	0.71	0.66	6.47	ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	0.28	0.32	0.31	0.30	6.28	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				99		%
Holmium	165-2				97		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	9.21	9.19	9.10	9.17	0.62	ppb
Iron	57-2	8.07	8.33	8.52	8.31	2.72	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-15	Instrumnet Name :	P7
Client Sample ID :	MA0AM8	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 10:15:33	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	12.98	11.17	11.61	11.92	7.93	ppb
Krypton	83-1						cps
Lead	206-1	0.19	0.16	0.17	0.17	10.84	ppb
Lead	207-1	0.13	0.14	0.16	0.14	13.36	ppb
Lead	208-1	0.17	0.16	0.15	0.16	6.83	ppb
Lithium	6-1				94		%
Magnesium	24-2	9.57	8.70	8.42	8.90	6.72	ppb
Manganese	55-2	0.59	0.55	0.63	0.59	6.92	ppb
Molybdenum	94-1	0.01	-0.01	-0.01	0.00		ppb
Molybdenum	95-1	0.03	0.02	0.01	0.02	36.87	ppb
Molybdenum	96-1	0.01	-0.01	0.00	0.00	1259.65	ppb
Molybdenum	97-1	0.01	0.03	0.01	0.02	51.58	ppb
Molybdenum	98-1	0.02	0.01	0.01	0.01	49.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.24	0.21	0.18	0.21	13.15	ppb
Phosphorus	31-2	20.03	25.14	6.68	17.28	55.16	ppb
Potassium	39-2	64.06	55.96	55.36	58.46	8.31	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				96		%
Scandium	45-2				98		%
Selenium	82-1	-1.42	-0.12	-2.07	-1.20		ppb
Selenium	77-2	0.00	0.37	0.00	0.12	173.21	ppb
Selenium	78-2	-0.28	0.27	0.46	0.15	254.22	ppb
Silicon	28-1	4339.83	4430.36	4466.21	4412.13	1.48	ppb
Silver	107-1	0.02	0.00	0.01	0.01	66.99	ppb
Silver	109-1	0.01	0.00	0.01	0.00	12.44	ppb
Sodium	23-2	183.34	171.65	174.71	176.57	3.43	ppb
Strontium	86-1	0.10	0.08	0.05	0.08	29.24	ppb
Strontium	88-1	0.11	0.08	0.07	0.08	26.81	ppb
Sulfur	34-1	1248.22	1252.78	959.79	1153.60	14.55	ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	0.00	0.00	-0.01	0.00		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-15	Instrumnet Name :	P7
Client Sample ID :	MA0AM8	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 10:15:33	DataFile Name :	042SMPL.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	0.11	0.14	0.12	0.12	9.90	ppb
Titanium	47-1	0.37	0.58	0.42	0.46	23.76	ppb
Uranium	238-1	0.04	0.03	0.02	0.03	41.02	ppb
Vanadium	51-2	0.02	0.02	0.01	0.02	26.04	ppb
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	2.45	2.48	2.40	2.44	1.79	ppb
Zirconium	90-1	0.00	0.00	-0.01	0.00		ppb
Zirconium	91-1	0.02	-0.01	0.01	0.01	167.80	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-16	Instrumnet Name :	P7
Client Sample ID :	MA0AS0	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 10:18:40	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	793.33	791.08	784.52	789.64	0.58	ppb
Antimony	121-1	0.37	0.36	0.33	0.35	7.05	ppb
Arsenic	75-2	6.88	6.75	6.71	6.78	1.35	ppb
Barium	135-1	11.42	10.95	11.14	11.17	2.15	ppb
Barium	137-1	11.43	11.42	11.54	11.46	0.59	ppb
Beryllium	9-1	0.19	0.21	0.20	0.20	5.27	ppb
Bismuth	209-1				96		%
Bismuth	209-2				96		%
Boron	10-1	57.42	53.31	61.09	57.27	6.80	ppb
Boron	11-1	60.34	62.13	62.51	61.66	1.88	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.01	0.01	-0.04	-0.01		ppb
Cadmium	106-1	-1.03	-1.70	-2.11	-1.61		ppb
Cadmium	108-1	0.42	0.18	0.49	0.36	45.02	ppb
Calcium	43-1	45090.18	45533.37	44913.78	45179.11	0.71	ppb
Calcium	44-1	43161.73	42604.72	42473.49	42746.65	0.85	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7.54	7.57	7.34	7.48	1.69	ppb
Cobalt	59-2	0.15	0.12	0.14	0.14	10.32	ppb
Copper	63-2	0.76	0.75	0.76	0.75	0.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	396.47	403.58	392.69	397.58	1.39	ppb
Iron	57-2	423.47	417.00	409.71	416.73	1.65	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-16	Instrumnet Name :	P7
Client Sample ID :	MA0AS0	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 10:18:40	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	413.13	419.62	402.08	411.61	2.15	ppb
Krypton	83-1						cps
Lead	206-1	1.90	1.90	1.80	1.87	2.99	ppb
Lead	207-1	1.57	1.69	1.62	1.63	3.79	ppb
Lead	208-1	1.72	1.74	1.71	1.73	0.86	ppb
Lithium	6-1				94		%
Magnesium	24-2	2861.36	2918.91	2881.30	2887.19	1.01	ppb
Manganese	55-2	7.76	7.65	7.53	7.65	1.50	ppb
Molybdenum	94-1	26.27	26.30	26.11	26.23	0.39	ppb
Molybdenum	95-1	35.20	35.51	35.55	35.42	0.54	ppb
Molybdenum	96-1	34.38	34.48	34.35	34.41	0.20	ppb
Molybdenum	97-1	35.13	35.66	34.44	35.08	1.74	ppb
Molybdenum	98-1	35.79	35.48	35.19	35.49	0.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.80	0.86	0.78	0.81	4.95	ppb
Phosphorus	31-2	237.14	222.54	229.95	229.88	3.18	ppb
Potassium	39-2	3037.84	3039.05	3023.84	3033.58	0.28	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	82-1	-1.77	-1.21	-1.61	-1.53		ppb
Selenium	77-2	1.09	1.45	1.07	1.21	17.85	ppb
Selenium	78-2	0.02	0.03	0.90	0.31	161.00	ppb
Silicon	28-1	15815.67	15781.29	15540.38	15712.45	0.95	ppb
Silver	107-1	0.01	0.01	0.01	0.01	7.48	ppb
Silver	109-1	0.01	0.01	0.02	0.01	43.73	ppb
Sodium	23-2	22906.91	23226.04	22632.45	22921.80	1.30	ppb
Strontium	86-1	11.24	11.29	11.13	11.22	0.69	ppb
Strontium	88-1	11.22	11.21	11.18	11.20	0.19	ppb
Sulfur	34-1	9521.60	9457.56	9056.04	9345.06	2.70	ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	-0.01	-0.01	0.01	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-16	Instrumnet Name :	P7
Client Sample ID :	MA0AS0	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 10:18:40	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	2.83	2.91	2.83	2.86	1.58	ppb
Tin	118-1	0.38	0.41	0.39	0.39	3.73	ppb
Titanium	47-1	8.00	8.05	7.84	7.96	1.36	ppb
Uranium	238-1	46.63	46.51	46.26	46.47	0.41	ppb
Vanadium	51-2	6.46	6.35	6.30	6.37	1.28	ppb
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	7.25	7.08	7.00	7.11	1.80	ppb
Zirconium	90-1	0.96	0.97	1.00	0.98	2.54	ppb
Zirconium	91-1	1.13	1.01	0.85	1.00	14.02	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-17	Instrumnet Name :	P7
Client Sample ID :	MA0AS0D	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 10:21:47	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	841.45	845.19	825.49	837.38	1.25	ppb
Antimony	121-1	0.34	0.33	0.35	0.34	2.54	ppb
Arsenic	75-2	6.63	6.80	6.58	6.67	1.75	ppb
Barium	135-1	11.63	11.56	11.96	11.72	1.86	ppb
Barium	137-1	11.37	11.71	11.73	11.60	1.75	ppb
Beryllium	9-1	0.18	0.20	0.23	0.21	11.49	ppb
Bismuth	209-1				95		%
Bismuth	209-2				96		%
Boron	10-1	32.26	33.33	33.77	33.12	2.34	ppb
Boron	11-1	34.42	33.36	35.87	34.55	3.64	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.03	-0.02	-0.05	-0.01		ppb
Cadmium	106-1	-0.14	-1.21	-3.03	-1.46		ppb
Cadmium	108-1	0.27	0.31	0.40	0.33	21.35	ppb
Calcium	43-1	47338.07	46858.73	46881.57	47026.12	0.57	ppb
Calcium	44-1	44699.47	44880.50	44528.47	44702.81	0.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7.90	7.93	7.68	7.84	1.78	ppb
Cobalt	59-2	0.11	0.10	0.11	0.11	8.07	ppb
Copper	63-2	0.72	0.74	0.73	0.73	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				101		%
Holmium	165-2				98		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	56-2	405.15	401.43	395.05	400.54	1.28	ppb
Iron	57-2	429.36	421.75	421.60	424.24	1.05	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-17	Instrumnet Name :	P7
Client Sample ID :	MA0AS0D	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 10:21:47	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	413.37	414.24	402.57	410.06	1.59	ppb
Krypton	83-1						cps
Lead	206-1	1.59	1.63	1.59	1.60	1.67	ppb
Lead	207-1	1.38	1.39	1.44	1.41	2.33	ppb
Lead	208-1	1.49	1.50	1.52	1.50	0.96	ppb
Lithium	6-1				93		%
Magnesium	24-2	3039.06	3035.07	2992.43	3022.19	0.86	ppb
Manganese	55-2	7.67	7.68	7.48	7.61	1.43	ppb
Molybdenum	94-1	27.68	28.56	27.83	28.02	1.67	ppb
Molybdenum	95-1	37.36	37.31	36.89	37.19	0.70	ppb
Molybdenum	96-1	35.68	35.70	36.02	35.80	0.54	ppb
Molybdenum	97-1	36.67	37.25	36.87	36.93	0.79	ppb
Molybdenum	98-1	37.26	37.26	36.79	37.10	0.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.70	0.79	0.77	0.75	6.23	ppb
Phosphorus	31-2	211.11	194.92	201.65	202.56	4.02	ppb
Potassium	39-2	3150.61	3174.15	3125.93	3150.23	0.77	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				97		%
Scandium	45-2				99		%
Selenium	82-1	-0.29	-0.85	-1.87	-1.00		ppb
Selenium	77-2	2.15	1.81	1.09	1.68	32.14	ppb
Selenium	78-2	0.42	1.02	0.87	0.77	40.29	ppb
Silicon	28-1	13566.78	13553.45	13490.99	13537.08	0.30	ppb
Silver	107-1	0.01	0.00	0.00	0.00	129.31	ppb
Silver	109-1	0.00	0.01	0.01	0.01	54.97	ppb
Sodium	23-2	23502.73	23461.02	22915.54	23293.10	1.41	ppb
Strontium	86-1	11.64	11.59	11.50	11.58	0.65	ppb
Strontium	88-1	11.53	11.43	11.48	11.48	0.46	ppb
Sulfur	34-1	9679.76	9800.29	9213.90	9564.65	3.24	ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	-0.01	0.00		ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-17	Instrumnet Name :	P7
Client Sample ID :	MA0AS0D	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 10:21:47	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	2.71	2.79	2.74	2.74	1.55	ppb
Tin	118-1	0.33	0.36	0.38	0.36	7.52	ppb
Titanium	47-1	8.01	8.15	7.73	7.96	2.70	ppb
Uranium	238-1	48.01	48.23	48.34	48.19	0.35	ppb
Vanadium	51-2	6.68	6.50	6.37	6.52	2.37	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	9.44	9.39	9.73	9.52	1.94	ppb
Zirconium	90-1	1.22	1.17	1.21	1.20	2.27	ppb
Zirconium	91-1	1.27	1.32	1.31	1.30	1.93	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-16LX5	Instrumnet Name :	P7
Client Sample ID :	MA0AS0L	Dilution Factor :	5
Date & Time Acquired ::	2021-05-21 10:24:55	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	159.01	157.12	166.68	160.94	3.15	ppb
Antimony	121-1	0.07	0.07	0.07	0.07	7.44	ppb
Arsenic	75-2	1.47	1.45	1.18	1.37	11.68	ppb
Barium	135-1	2.36	2.26	2.25	2.29	2.61	ppb
Barium	137-1	2.29	2.01	2.39	2.23	8.79	ppb
Beryllium	9-1	0.08	0.05	0.07	0.07	27.85	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Boron	10-1	14.16	13.91	14.43	14.17	1.82	ppb
Boron	11-1	13.73	13.76	14.14	13.88	1.62	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.02	-0.04	0.00	-0.02		ppb
Cadmium	106-1	-1.69	-2.14	-0.92	-1.59		ppb
Cadmium	108-1	0.01	0.14	0.01	0.05	135.04	ppb
Calcium	43-1	8874.47	8952.64	9053.01	8960.04	1.00	ppb
Calcium	44-1	8780.62	8867.75	8803.00	8817.12	0.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.44	1.63	1.51	1.53	6.10	ppb
Cobalt	59-2	0.02	0.01	0.01	0.01	13.65	ppb
Copper	63-2	0.24	0.21	0.26	0.24	12.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	79.00	80.55	79.27	79.61	1.04	ppb
Iron	57-2	79.32	76.20	82.08	79.20	3.72	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-16LX5	Instrumnet Name :	P7
Client Sample ID :	MA0AS0L	Dilution Factor :	5
Date & Time Acquired ::	2021-05-21 10:24:55	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	86.46	84.20	81.43	84.03	3.00	ppb
Krypton	83-1						cps
Lead	206-1	0.42	0.42	0.41	0.42	1.04	ppb
Lead	207-1	0.34	0.37	0.35	0.36	3.36	ppb
Lead	208-1	0.38	0.39	0.38	0.39	0.99	ppb
Lithium	6-1				95		%
Magnesium	24-2	571.77	581.05	571.94	574.92	0.92	ppb
Manganese	55-2	1.47	1.49	1.59	1.52	4.21	ppb
Molybdenum	94-1	4.98	5.39	5.32	5.23	4.21	ppb
Molybdenum	95-1	6.85	6.92	7.16	6.98	2.29	ppb
Molybdenum	96-1	6.62	6.81	6.84	6.76	1.83	ppb
Molybdenum	97-1	6.80	6.95	7.02	6.92	1.62	ppb
Molybdenum	98-1	7.22	7.04	7.20	7.15	1.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.20	0.26	0.25	0.24	12.93	ppb
Phosphorus	31-2	37.32	39.20	37.29	37.94	2.88	ppb
Potassium	39-2	626.28	631.45	629.54	629.09	0.42	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	82-1	-1.16	-0.86	-2.72	-1.58		ppb
Selenium	77-2	0.00	0.35	0.00	0.12	173.21	ppb
Selenium	78-2	-1.02	-0.06	0.87	-0.07		ppb
Silicon	28-1	3090.07	3063.14	3081.51	3078.24	0.45	ppb
Silver	107-1	0.00	0.00	0.00	0.00	184.49	ppb
Silver	109-1	0.00	0.00	0.01	0.00	68.90	ppb
Sodium	23-2	4517.51	4594.86	4499.69	4537.35	1.12	ppb
Strontium	86-1	2.11	2.21	2.25	2.19	3.24	ppb
Strontium	88-1	2.18	2.22	2.26	2.22	1.77	ppb
Sulfur	34-1	2305.86	2248.45	2204.20	2252.83	2.26	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	0.00	-0.01		ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-16LX5	Instrumnet Name :	P7
Client Sample ID :	MA0AS0L	Dilution Factor :	5
Date & Time Acquired ::	2021-05-21 10:24:55	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.54	0.55	0.55	0.55	1.04	ppb
Tin	118-1	0.07	0.09	0.10	0.09	17.05	ppb
Titanium	47-1	1.35	1.59	1.47	1.47	7.88	ppb
Uranium	238-1	9.09	9.15	9.23	9.16	0.80	ppb
Vanadium	51-2	1.22	1.27	1.22	1.24	2.09	ppb
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	1.81	1.95	1.94	1.90	4.21	ppb
Zirconium	90-1	0.17	0.19	0.18	0.18	3.59	ppb
Zirconium	91-1	0.17	0.21	0.20	0.19	11.04	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	CCV02	Instrumnet Name :	P7
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 10:29:43	DataFile Name :	046CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48033.59	47706.21	47726.77	47822.19	0.38	ppb
Antimony	121-1	530.13	525.80	541.50	532.48	1.52	ppb
Arsenic	75-2	486.79	486.36	489.64	487.60	0.37	ppb
Barium	135-1	2374.60	2372.24	2417.18	2388.00	1.06	ppb
Barium	137-1	2476.63	2416.58	2480.82	2458.01	1.46	ppb
Beryllium	9-1	499.42	500.89	498.88	499.73	0.21	ppb
Bismuth	209-1				92		%
Bismuth	209-2				91		%
Boron	10-1	469.73	479.46	485.70	478.29	1.68	ppb
Boron	11-1	478.08	491.36	499.42	489.62	2.20	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	540.21	537.69	548.23	542.04	1.02	ppb
Cadmium	106-1	531.94	528.39	548.25	536.19	1.97	ppb
Cadmium	108-1	538.64	533.56	547.54	539.91	1.31	ppb
Calcium	43-1	258829.30	261413.29	262939.99	261060.86	0.80	ppb
Calcium	44-1	246993.29	250979.85	254159.25	250710.80	1.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	489.71	488.14	487.75	488.53	0.21	ppb
Cobalt	59-2	482.43	478.97	480.68	480.69	0.36	ppb
Copper	63-2	4876.87	4787.99	4751.26	4805.37	1.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				97		%
Indium	115-2				97		%
Iron	56-2	122454.89	121772.68	122967.90	122398.49	0.49	ppb
Iron	57-2	121942.63	123288.96	122251.00	122494.20	0.58	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	CCV02	Instrumnet Name :	P7
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 10:29:43	DataFile Name :	046CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	122229.57	125417.38	123777.58	123808.18	1.29	ppb
Krypton	83-1						cps
Lead	206-1	2503.24	2547.31	2514.88	2521.81	0.91	ppb
Lead	207-1	2483.93	2520.58	2503.78	2502.77	0.73	ppb
Lead	208-1	2521.73	2522.77	2500.11	2514.87	0.51	ppb
Lithium	6-1				93		%
Magnesium	24-2	245110.65	246749.75	246329.85	246063.42	0.35	ppb
Manganese	55-2	4944.19	4948.86	4999.77	4964.27	0.62	ppb
Molybdenum	94-1	2475.39	2484.43	2493.46	2484.43	0.36	ppb
Molybdenum	95-1	2458.54	2513.38	2519.69	2497.20	1.35	ppb
Molybdenum	96-1	2450.41	2480.15	2487.59	2472.72	0.80	ppb
Molybdenum	97-1	2389.85	2416.71	2439.35	2415.30	1.03	ppb
Molybdenum	98-1	2448.73	2488.04	2468.04	2468.27	0.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	478.72	469.44	472.36	473.51	1.00	ppb
Phosphorus	31-2	10243.52	9830.69	9738.88	9937.70	2.70	ppb
Potassium	39-2	122598.52	122369.79	123047.97	122672.09	0.28	ppb
Rhodium	103-1				96		%
Rhodium	103-2				94		%
Scandium	45-1				99		%
Scandium	45-2				101		%
Selenium	82-1	474.29	488.68	479.94	480.97	1.51	ppb
Selenium	77-2	484.30	489.92	498.08	490.77	1.41	ppb
Selenium	78-2	480.91	482.81	498.27	487.33	1.95	ppb
Silicon	28-1	469.80	489.85	510.95	490.20	4.20	ppb
Silver	107-1	525.28	525.35	539.56	530.06	1.55	ppb
Silver	109-1	526.31	521.32	537.37	528.33	1.55	ppb
Sodium	23-2	245553.38	243563.16	244175.19	244430.58	0.42	ppb
Strontium	86-1	491.70	493.08	500.96	495.25	1.01	ppb
Strontium	88-1	490.63	500.43	500.36	497.14	1.13	ppb
Sulfur	34-1	11200.85	11253.44	11524.73	11326.34	1.53	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	492.54	501.15	497.81	497.17	0.87	ppb
Thallium	205-1	512.60	507.71	507.10	509.14	0.59	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	CCV02	Instrumnet Name :	P7
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 10:29:43	DataFile Name :	046CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	517.96	510.78	511.67	513.47	0.76	ppb
Tin	118-1	485.04	481.00	492.14	486.06	1.16	ppb
Titanium	47-1	2444.90	2429.75	2450.62	2441.76	0.44	ppb
Uranium	238-1	504.81	511.43	513.99	510.08	0.93	ppb
Vanadium	51-2	491.33	489.82	490.83	490.66	0.16	ppb
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	4825.83	4784.14	4838.14	4816.04	0.59	ppb
Zirconium	90-1	484.82	488.34	502.50	491.88	1.90	ppb
Zirconium	91-1	483.47	497.20	493.34	491.34	1.44	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	CCB02	Instrumnet Name :	P7
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 10:36:05	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.59	2.04	2.76	2.47	15.22	ppb
Antimony	121-1	0.09	0.09	0.08	0.08	5.39	ppb
Arsenic	75-2	0.03	0.03	0.05	0.04	39.93	ppb
Barium	135-1	0.11	0.08	0.09	0.09	15.15	ppb
Barium	137-1	0.12	0.10	0.09	0.10	19.19	ppb
Beryllium	9-1	0.08	0.06	0.02	0.05	54.52	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Boron	10-1	4.91	4.88	5.74	5.18	9.36	ppb
Boron	11-1	5.22	4.84	5.09	5.05	3.78	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.02	-0.01	0.01	-0.01		ppb
Cadmium	106-1	-1.07	-1.61	-0.55	-1.08		ppb
Cadmium	108-1	0.36	0.45	0.35	0.39	13.81	ppb
Calcium	43-1	14.29	12.03	14.99	13.77	11.24	ppb
Calcium	44-1	13.42	10.86	14.18	12.82	13.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.07	0.03	0.04	62.66	ppb
Cobalt	59-2	0.02	0.01	0.02	0.02	35.35	ppb
Copper	63-2	0.38	0.30	0.37	0.35	12.05	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				103		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	7.60	7.31	7.52	7.47	2.00	ppb
Iron	57-2	5.81	6.12	6.76	6.23	7.78	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	CCB02	Instrumnet Name :	P7
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 10:36:05	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	9.39	9.69	9.09	9.39	3.17	ppb
Krypton	83-1						cps
Lead	206-1	0.36	0.32	0.38	0.35	9.26	ppb
Lead	207-1	0.30	0.31	0.31	0.31	0.87	ppb
Lead	208-1	0.33	0.31	0.34	0.33	3.33	ppb
Lithium	6-1				95		%
Magnesium	24-2	12.87	13.08	14.57	13.51	6.87	ppb
Manganese	55-2	0.32	0.29	0.28	0.30	6.44	ppb
Molybdenum	94-1	0.17	0.18	0.18	0.18	4.23	ppb
Molybdenum	95-1	0.15	0.15	0.18	0.16	11.31	ppb
Molybdenum	96-1	0.20	0.15	0.14	0.16	19.94	ppb
Molybdenum	97-1	0.17	0.13	0.14	0.14	13.79	ppb
Molybdenum	98-1	0.19	0.12	0.14	0.15	22.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	-0.02	-0.02	-0.01		ppb
Phosphorus	31-2	-0.88	6.95	2.64	2.90	135.16	ppb
Potassium	39-2	45.09	43.49	44.30	44.29	1.80	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	82-1	-1.19	-1.00	-1.04	-1.08		ppb
Selenium	77-2	0.35	0.00	0.00	0.12	173.21	ppb
Selenium	78-2	-0.41	-0.25	0.92	0.09	849.72	ppb
Silicon	28-1	2.10	4.48	3.91	3.50	35.52	ppb
Silver	107-1	0.06	0.04	0.05	0.05	23.13	ppb
Silver	109-1	0.05	0.04	0.05	0.05	9.69	ppb
Sodium	23-2	66.32	63.32	69.00	66.21	4.29	ppb
Strontium	86-1	0.02	0.00	0.02	0.01	122.33	ppb
Strontium	88-1	0.03	0.02	0.02	0.02	6.43	ppb
Sulfur	34-1	344.29	665.52	1101.49	703.77	54.00	ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.04	0.05	0.04	0.04	12.11	ppb
Thallium	205-1	0.06	0.06	0.06	0.06	5.07	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	CCB02	Instrumnet Name :	P7
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 10:36:05	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.03	0.03	0.03	0.03	6.26	ppb
Tin	118-1	0.02	0.02	0.04	0.03	40.38	ppb
Titanium	47-1	0.09	0.08	0.10	0.09	11.78	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	6.53	ppb
Vanadium	51-2	0.02	0.03	0.02	0.02	13.21	ppb
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	0.52	0.44	0.51	0.49	8.44	ppb
Zirconium	90-1	0.03	0.02	0.03	0.03	18.94	ppb
Zirconium	91-1	0.05	-0.01	0.03	0.02	114.82	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-04	Instrumnet Name :	P7
Client Sample ID :	MA0AY1	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 10:43:08	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27787.84	27674.49	28064.01	27842.11	0.72	ppb
Antimony	121-1	147.65	147.10	144.70	146.49	1.07	ppb
Arsenic	75-2	32.60	30.71	31.94	31.75	3.01	ppb
Barium	135-1	504.45	501.82	497.14	501.14	0.74	ppb
Barium	137-1	512.75	503.88	498.99	505.21	1.38	ppb
Beryllium	9-1	25.40	25.33	24.99	25.24	0.87	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Boron	10-1	3.17	2.72	2.80	2.90	8.43	ppb
Boron	11-1	3.17	3.13	2.91	3.07	4.58	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	76.87	77.14	75.17	76.39	1.40	ppb
Cadmium	106-1	62.68	59.90	56.78	59.79	4.94	ppb
Cadmium	108-1	67.03	64.17	65.62	65.61	2.18	ppb
Calcium	43-1	8701.42	8635.29	8590.40	8642.37	0.65	ppb
Calcium	44-1	8537.66	8433.33	8447.91	8472.97	0.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	259.43	259.19	258.40	259.01	0.21	ppb
Cobalt	59-2	618.60	613.76	612.28	614.88	0.54	ppb
Copper	63-2	757.95	754.88	753.53	755.46	0.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				105		%
Iron	56-2	71596.31	72776.90	72497.82	72290.35	0.85	ppb
Iron	57-2	70710.94	71034.29	71286.00	71010.41	0.41	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-04	Instrumnet Name :	P7
Client Sample ID :	MA0AY1	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 10:43:08	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	72120.74	72627.51	72312.61	72353.62	0.35	ppb
Krypton	83-1						cps
Lead	206-1	99.46	99.48	100.10	99.68	0.37	ppb
Lead	207-1	90.21	91.55	91.57	91.11	0.86	ppb
Lead	208-1	94.68	95.17	95.48	95.11	0.42	ppb
Lithium	6-1				96		%
Magnesium	24-2	8334.33	8406.55	8365.30	8368.73	0.43	ppb
Manganese	55-2	66.81	67.14	66.17	66.71	0.74	ppb
Molybdenum	94-1	0.56	0.48	0.52	0.52	7.17	ppb
Molybdenum	95-1	0.70	0.72	0.75	0.72	3.65	ppb
Molybdenum	96-1	0.80	0.78	0.83	0.80	3.37	ppb
Molybdenum	97-1	0.79	0.78	0.73	0.77	4.14	ppb
Molybdenum	98-1	0.74	0.73	0.72	0.73	1.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	213.99	213.48	212.08	213.19	0.46	ppb
Phosphorus	31-2	21.28	3.88	10.61	11.93	73.56	ppb
Potassium	39-2	8320.74	8264.95	8325.94	8303.88	0.41	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				105		%
Selenium	82-1	90.00	92.29	89.32	90.54	1.71	ppb
Selenium	77-2	95.46	95.77	86.42	92.55	5.74	ppb
Selenium	78-2	88.88	90.86	88.92	89.55	1.26	ppb
Silicon	28-1	4.37	3.76	3.73	3.95	9.10	ppb
Silver	107-1	62.14	61.76	60.47	61.46	1.43	ppb
Silver	109-1	61.52	61.68	60.99	61.40	0.59	ppb
Sodium	23-2	8930.18	9079.58	9091.94	9033.90	1.00	ppb
Strontium	86-1	0.26	0.24	0.27	0.25	5.85	ppb
Strontium	88-1	0.28	0.29	0.29	0.28	1.84	ppb
Sulfur	34-1	54.43	-540.83	-687.74	-391.38		ppb
Terbium	159-1				104		%
Terbium	159-2				106		%
Thallium	203-1	75.46	77.06	76.87	76.46	1.14	ppb
Thallium	205-1	76.41	75.16	76.66	76.08	1.06	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-04	Instrumnet Name :	P7
Client Sample ID :	MA0AY1	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 10:43:08	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.01	0.01	0.01	40.03	ppb
Tin	118-1	0.16	0.14	0.17	0.16	9.55	ppb
Titanium	47-1	0.24	0.19	0.28	0.23	18.76	ppb
Uranium	238-1	0.02	0.01	0.01	0.01	17.24	ppb
Vanadium	51-2	643.75	637.14	638.95	639.95	0.53	ppb
Yttrium	89-1				106		%
Yttrium	89-2				106		%
Zinc	66-2	468.55	468.12	464.85	467.18	0.43	ppb
Zirconium	90-1	0.02	0.03	0.03	0.02	30.31	ppb
Zirconium	91-1	0.04	0.07	0.07	0.06	27.90	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-18	Instrumnet Name :	P7
Client Sample ID :	MA0AS0S	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 10:46:17	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2538.89	2573.99	2540.87	2551.25	0.77	ppb
Antimony	121-1	96.23	97.51	97.56	97.10	0.77	ppb
Arsenic	75-2	48.45	47.53	48.04	48.01	0.96	ppb
Barium	135-1	2002.25	2019.96	2053.68	2025.30	1.29	ppb
Barium	137-1	1985.70	2020.72	2012.16	2006.19	0.91	ppb
Beryllium	9-1	51.26	52.62	53.91	52.60	2.51	ppb
Bismuth	209-1				95		%
Bismuth	209-2				94		%
Boron	10-1	29.61	34.51	33.68	32.60	8.05	ppb
Boron	11-1	31.80	33.39	33.15	32.78	2.61	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	52.44	52.83	52.40	52.56	0.45	ppb
Cadmium	106-1	42.35	42.88	41.21	42.15	2.03	ppb
Cadmium	108-1	45.14	46.15	48.10	46.46	3.24	ppb
Calcium	43-1	46575.81	47267.07	47316.68	47053.19	0.88	ppb
Calcium	44-1	44450.04	44586.20	44451.55	44495.93	0.18	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	216.08	215.03	217.53	216.21	0.58	ppb
Cobalt	59-2	529.82	533.28	528.53	530.54	0.46	ppb
Copper	63-2	271.82	273.07	273.40	272.76	0.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	1352.73	1361.99	1352.25	1355.66	0.40	ppb
Iron	57-2	1395.20	1419.33	1419.24	1411.26	0.99	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-18	Instrumnet Name :	P7
Client Sample ID :	MA0AS0S	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 10:46:17	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	1534.61	1547.97	1550.69	1544.42	0.56	ppb
Krypton	83-1						cps
Lead	206-1	22.52	22.51	22.54	22.52	0.06	ppb
Lead	207-1	21.53	21.53	21.25	21.43	0.74	ppb
Lead	208-1	21.95	21.92	21.89	21.92	0.13	ppb
Lithium	6-1				92		%
Magnesium	24-2	2975.70	2915.07	2937.87	2942.88	1.04	ppb
Manganese	55-2	522.35	524.28	521.35	522.66	0.28	ppb
Molybdenum	94-1	28.16	27.57	28.28	28.01	1.37	ppb
Molybdenum	95-1	37.31	37.37	37.76	37.48	0.66	ppb
Molybdenum	96-1	35.72	35.70	36.05	35.82	0.55	ppb
Molybdenum	97-1	37.42	37.03	37.65	37.37	0.84	ppb
Molybdenum	98-1	36.98	36.96	37.28	37.07	0.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	525.19	532.46	530.43	529.36	0.71	ppb
Phosphorus	31-2	229.88	156.06	207.27	197.74	19.13	ppb
Potassium	39-2	3147.26	3141.22	3151.18	3146.55	0.16	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	82-1	110.26	107.74	108.20	108.73	1.23	ppb
Selenium	77-2	100.52	96.66	108.46	101.88	5.91	ppb
Selenium	78-2	103.18	102.79	106.05	104.00	1.71	ppb
Silicon	28-1	13088.11	12937.13	13040.47	13021.90	0.59	ppb
Silver	107-1	51.44	52.11	51.95	51.83	0.67	ppb
Silver	109-1	51.16	51.94	52.69	51.93	1.47	ppb
Sodium	23-2	23177.15	22645.14	23037.38	22953.22	1.20	ppb
Strontium	86-1	11.48	11.65	11.47	11.53	0.83	ppb
Strontium	88-1	11.54	11.48	11.58	11.53	0.47	ppb
Sulfur	34-1	8624.50	8628.58	8375.44	8542.84	1.70	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	52.58	52.93	52.27	52.59	0.63	ppb
Thallium	205-1	52.12	52.19	52.56	52.29	0.45	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-18	Instrumnet Name :	P7
Client Sample ID :	MA0AS0S	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 10:46:17	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	2.09	2.14	2.13	2.12	1.37	ppb
Tin	118-1	0.36	0.29	0.26	0.30	16.67	ppb
Titanium	47-1	5.92	5.50	5.74	5.72	3.74	ppb
Uranium	238-1	47.27	48.14	48.42	47.94	1.25	ppb
Vanadium	51-2	520.93	525.36	523.69	523.33	0.43	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	543.63	551.44	541.96	545.68	0.93	ppb
Zirconium	90-1	1.12	1.13	1.14	1.13	0.68	ppb
Zirconium	91-1	1.26	1.20	1.09	1.18	7.03	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-19	Instrumnet Name :	P7
Client Sample ID :	MA0AS4	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 10:49:27	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	130.04	126.43	124.33	126.93	2.28	ppb
Antimony	121-1	0.55	0.51	0.51	0.52	4.93	ppb
Arsenic	75-2	12.27	12.71	12.55	12.51	1.79	ppb
Barium	135-1	19.95	19.08	18.36	19.13	4.18	ppb
Barium	137-1	19.88	19.65	18.09	19.21	5.08	ppb
Beryllium	9-1	0.08	0.08	0.04	0.07	32.58	ppb
Bismuth	209-1				95		%
Bismuth	209-2				96		%
Boron	10-1	55.43	51.23	52.96	53.21	3.96	ppb
Boron	11-1	52.10	53.13	55.00	53.41	2.75	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.09	0.04	-0.01	0.04	132.35	ppb
Cadmium	106-1	-1.94	-2.45	-3.24	-2.54		ppb
Cadmium	108-1	0.86	0.73	0.74	0.77	9.51	ppb
Calcium	43-1	46173.88	46579.62	46139.94	46297.81	0.53	ppb
Calcium	44-1	44181.10	44225.54	43533.24	43979.96	0.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.34	1.40	1.42	1.39	3.00	ppb
Cobalt	59-2	0.24	0.24	0.20	0.23	9.19	ppb
Copper	63-2	0.96	1.04	0.97	0.99	4.29	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				103		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	300.89	299.47	300.34	300.23	0.24	ppb
Iron	57-2	327.42	324.38	342.17	331.33	2.87	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-19	Instrumnet Name :	P7
Client Sample ID :	MA0AS4	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 10:49:27	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	311.17	302.69	302.24	305.37	1.65	ppb
Krypton	83-1						cps
Lead	206-1	0.68	0.77	0.67	0.71	7.52	ppb
Lead	207-1	0.60	0.62	0.57	0.60	4.30	ppb
Lead	208-1	0.63	0.66	0.63	0.64	2.45	ppb
Lithium	6-1				91		%
Magnesium	24-2	3025.56	3004.84	3017.79	3016.06	0.35	ppb
Manganese	55-2	76.95	77.49	78.01	77.48	0.69	ppb
Molybdenum	94-1	67.55	66.90	69.23	67.90	1.77	ppb
Molybdenum	95-1	96.16	92.69	97.15	95.33	2.45	ppb
Molybdenum	96-1	92.49	91.48	92.07	92.01	0.55	ppb
Molybdenum	97-1	94.39	93.55	95.82	94.59	1.22	ppb
Molybdenum	98-1	95.10	93.53	94.99	94.54	0.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.99	0.90	0.96	0.95	5.05	ppb
Phosphorus	31-2	393.43	380.60	425.31	399.78	5.76	ppb
Potassium	39-2	3683.83	3723.27	3696.92	3701.34	0.54	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				98		%
Scandium	45-2				101		%
Selenium	82-1	-0.24	-2.11	-0.52	-0.96		ppb
Selenium	77-2	0.71	1.76	0.35	0.94	78.19	ppb
Selenium	78-2	-0.17	0.57	0.64	0.34	130.30	ppb
Silicon	28-1	10318.15	10250.72	10425.23	10331.37	0.85	ppb
Silver	107-1	0.09	0.07	0.06	0.07	22.42	ppb
Silver	109-1	0.10	0.07	0.06	0.08	22.49	ppb
Sodium	23-2	112698.40	113117.94	111016.57	112277.64	0.99	ppb
Strontium	86-1	12.54	12.70	12.85	12.70	1.25	ppb
Strontium	88-1	12.59	12.66	12.77	12.67	0.71	ppb
Sulfur	34-1	74335.35	73328.73	73746.38	73803.49	0.69	ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	0.10	0.05	0.05	0.07	39.82	ppb
Thallium	205-1	0.09	0.06	0.04	0.06	37.66	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-19	Instrumnet Name :	P7
Client Sample ID :	MA0AS4	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 10:49:27	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.27	0.27	0.25	0.26	4.48	ppb
Tin	118-1	1.33	1.36	1.34	1.34	1.23	ppb
Titanium	47-1	4.67	4.87	4.50	4.68	4.04	ppb
Uranium	238-1	82.72	83.01	83.33	83.02	0.37	ppb
Vanadium	51-2	1.54	1.56	1.49	1.53	2.32	ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	15.28	15.04	15.28	15.20	0.93	ppb
Zirconium	90-1	0.27	0.27	0.25	0.26	3.86	ppb
Zirconium	91-1	0.30	0.21	0.24	0.25	18.63	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-20	Instrumnet Name :	P7
Client Sample ID :	MA0AS6	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 10:52:36	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30.62	29.65	29.59	29.95	1.93	ppb
Antimony	121-1	0.48	0.53	0.50	0.50	5.46	ppb
Arsenic	75-2	3.46	3.71	3.71	3.63	4.06	ppb
Barium	135-1	7.50	7.54	7.47	7.50	0.48	ppb
Barium	137-1	7.51	7.68	7.39	7.53	1.93	ppb
Beryllium	9-1	0.03	0.03	0.04	0.03	19.09	ppb
Bismuth	209-1				97		%
Bismuth	209-2				97		%
Boron	10-1	52.00	53.98	54.68	53.55	2.59	ppb
Boron	11-1	56.39	56.34	57.41	56.71	1.07	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.02	-0.03	0.01	-0.01		ppb
Cadmium	106-1	-1.32	-2.37	-0.71	-1.47		ppb
Cadmium	108-1	0.60	0.23	0.47	0.44	42.80	ppb
Calcium	43-1	60344.86	60647.46	60563.95	60518.75	0.26	ppb
Calcium	44-1	57455.28	57776.20	57598.05	57609.84	0.28	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.06	1.09	0.99	1.05	4.81	ppb
Cobalt	59-2	0.04	0.03	0.04	0.04	16.53	ppb
Copper	63-2	0.74	0.75	0.67	0.72	6.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	27.22	26.37	26.20	26.60	2.05	ppb
Iron	57-2	54.66	54.14	56.01	54.94	1.75	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-20	Instrumnet Name :	P7
Client Sample ID :	MA0AS6	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 10:52:36	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	28.73	27.69	28.47	28.29	1.92	ppb
Krypton	83-1						cps
Lead	206-1	0.22	0.18	0.20	0.20	10.75	ppb
Lead	207-1	0.20	0.18	0.18	0.19	6.94	ppb
Lead	208-1	0.20	0.19	0.19	0.20	1.73	ppb
Lithium	6-1				92		%
Magnesium	24-2	3203.59	3192.02	3166.10	3187.24	0.60	ppb
Manganese	55-2	4.78	4.68	4.66	4.71	1.36	ppb
Molybdenum	94-1	28.47	29.09	28.96	28.84	1.14	ppb
Molybdenum	95-1	40.14	40.36	40.41	40.30	0.35	ppb
Molybdenum	96-1	37.92	39.67	39.05	38.88	2.29	ppb
Molybdenum	97-1	39.86	40.38	39.74	39.99	0.85	ppb
Molybdenum	98-1	40.70	39.85	40.26	40.27	1.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.19	0.18	0.17	0.18	4.69	ppb
Phosphorus	31-2	152.73	199.37	179.99	177.36	13.21	ppb
Potassium	39-2	1973.11	1959.24	1938.10	1956.82	0.90	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				102		%
Selenium	82-1	-0.95	-3.33	-0.90	-1.72		ppb
Selenium	77-2	0.35	0.00	0.00	0.12	173.21	ppb
Selenium	78-2	0.02	1.97	0.40	0.80	130.08	ppb
Silicon	28-1	11592.99	11789.52	11739.07	11707.19	0.87	ppb
Silver	107-1	0.01	0.03	0.01	0.02	47.43	ppb
Silver	109-1	0.02	0.02	0.02	0.02	21.11	ppb
Sodium	23-2	26099.39	25974.92	25886.65	25986.99	0.41	ppb
Strontium	86-1	13.23	13.21	13.33	13.26	0.49	ppb
Strontium	88-1	13.10	13.28	13.28	13.22	0.77	ppb
Sulfur	34-1	11856.16	12294.98	12040.80	12063.98	1.83	ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	0.02	0.02	0.03	0.02	14.89	ppb
Thallium	205-1	0.01	0.02	0.00	0.01	79.41	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-20	Instrumnet Name :	P7
Client Sample ID :	MA0AS6	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 10:52:36	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.01	0.02	0.01	23.26	ppb
Tin	118-1	0.24	0.26	0.27	0.26	6.45	ppb
Titanium	47-1	1.93	1.86	1.78	1.86	4.09	ppb
Uranium	238-1	102.11	102.90	103.90	102.97	0.87	ppb
Vanadium	51-2	1.33	1.30	1.18	1.27	5.95	ppb
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	2.17	2.01	2.02	2.07	4.21	ppb
Zirconium	90-1	0.09	0.08	0.09	0.09	8.45	ppb
Zirconium	91-1	0.09	0.07	0.09	0.08	12.18	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-21	Instrumnet Name :	P7
Client Sample ID :	MA0AX0	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 10:55:45	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.09	3.19	1.48	2.25	38.45	ppb
Antimony	121-1	0.09	0.08	0.07	0.08	13.47	ppb
Arsenic	75-2	0.05	0.04	0.03	0.04	22.70	ppb
Barium	135-1	17.22	17.53	17.16	17.31	1.14	ppb
Barium	137-1	17.07	17.35	17.38	17.26	0.99	ppb
Beryllium	9-1	0.05	0.20	0.13	0.13	58.41	ppb
Bismuth	209-1				97		%
Bismuth	209-2				97		%
Boron	10-1	28.92	29.46	28.08	28.82	2.41	ppb
Boron	11-1	27.62	28.46	28.06	28.05	1.50	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.03	-0.03	-0.02	-0.03		ppb
Cadmium	106-1	-1.95	-1.93	-2.34	-2.07		ppb
Cadmium	108-1	-0.04	0.05	0.06	0.02	274.32	ppb
Calcium	43-1	12635.59	12959.64	12684.92	12760.05	1.37	ppb
Calcium	44-1	12599.46	12791.20	12589.83	12660.16	0.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.20	1.22	1.17	1.20	1.99	ppb
Cobalt	59-2	0.03	0.05	0.03	0.04	33.70	ppb
Copper	63-2	219.84	219.00	216.44	218.43	0.81	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				103		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	90.40	91.04	88.88	90.11	1.23	ppb
Iron	57-2	96.70	98.80	92.85	96.12	3.14	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-21	Instrumnet Name :	P7
Client Sample ID :	MA0AX0	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 10:55:45	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	91.57	91.99	87.88	90.48	2.50	ppb
Krypton	83-1						cps
Lead	206-1	2.12	2.16	2.12	2.13	1.16	ppb
Lead	207-1	1.93	1.92	1.99	1.94	1.90	ppb
Lead	208-1	2.02	2.03	2.02	2.02	0.17	ppb
Lithium	6-1				91		%
Magnesium	24-2	2927.20	2926.57	2911.15	2921.64	0.31	ppb
Manganese	55-2	12.18	11.82	11.61	11.87	2.43	ppb
Molybdenum	94-1	0.06	0.00	0.01	0.02	132.30	ppb
Molybdenum	95-1	0.07	0.08	0.06	0.07	17.22	ppb
Molybdenum	96-1	0.06	0.04	0.05	0.05	17.96	ppb
Molybdenum	97-1	0.10	0.04	0.06	0.07	47.09	ppb
Molybdenum	98-1	0.11	0.08	0.06	0.08	26.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.16	3.05	3.05	3.08	2.13	ppb
Phosphorus	31-2	9.13	17.43	6.10	10.88	53.87	ppb
Potassium	39-2	1324.92	1316.31	1287.84	1309.69	1.48	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				97		%
Scandium	45-2				100		%
Selenium	82-1	0.38	-0.08	-2.97	-0.89		ppb
Selenium	77-2	0.36	0.00	0.00	0.12	173.21	ppb
Selenium	78-2	-0.36	0.14	1.16	0.31	245.79	ppb
Silicon	28-1	8915.60	8958.27	8862.41	8912.10	0.54	ppb
Silver	107-1	0.02	0.01	0.02	0.02	30.06	ppb
Silver	109-1	0.03	0.03	0.02	0.03	22.74	ppb
Sodium	23-2	8905.24	8736.68	8677.92	8773.28	1.34	ppb
Strontium	86-1	5.21	5.44	5.23	5.29	2.38	ppb
Strontium	88-1	5.27	5.38	5.21	5.29	1.67	ppb
Sulfur	34-1	1256.47	1333.08	1088.92	1226.16	10.18	ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-21	Instrumnet Name :	P7
Client Sample ID :	MA0AX0	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 10:55:45	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	99.41	ppb
Tin	118-1	0.11	0.10	0.13	0.11	13.11	ppb
Titanium	47-1	0.69	0.61	0.58	0.63	8.87	ppb
Uranium	238-1	2.05	2.02	2.03	2.03	0.85	ppb
Vanadium	51-2	0.09	0.12	0.09	0.10	15.86	ppb
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	118.41	117.69	115.98	117.36	1.06	ppb
Zirconium	90-1	-0.01	0.00	0.01	0.00		ppb
Zirconium	91-1	0.02	-0.01	0.04	0.02	157.30	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-01	Instrumnet Name :	P7
Client Sample ID :	MA0AM5	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 10:58:55	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.63	5.33	4.95	5.30	6.49	ppb
Antimony	121-1	0.04	0.04	0.03	0.04	10.03	ppb
Arsenic	75-2	0.02	0.04	0.04	0.03	23.51	ppb
Barium	135-1	0.98	1.04	0.87	0.96	8.59	ppb
Barium	137-1	0.95	0.97	0.85	0.93	6.90	ppb
Beryllium	9-1	0.08	0.03	0.04	0.05	45.10	ppb
Bismuth	209-1				97		%
Bismuth	209-2				97		%
Boron	10-1	19.49	20.39	21.98	20.62	6.11	ppb
Boron	11-1	20.65	19.96	21.13	20.58	2.86	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.03	-0.04	-0.03	-0.04		ppb
Cadmium	106-1	-1.46	-2.21	-1.90	-1.86		ppb
Cadmium	108-1	0.17	0.15	-0.05	0.09	134.53	ppb
Calcium	43-1	49.08	47.77	50.72	49.19	3.01	ppb
Calcium	44-1	81.41	80.46	75.47	79.11	4.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.43	0.47	0.52	0.48	9.77	ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	0.90	0.84	0.85	0.87	3.68	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				102		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	5.95	6.12	6.05	6.04	1.44	ppb
Iron	57-2	4.54	4.77	6.09	5.14	16.33	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-01	Instrumnet Name :	P7
Client Sample ID :	MA0AM5	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 10:58:55	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	9.03	6.94	9.13	8.37	14.80	ppb
Krypton	83-1						cps
Lead	206-1	0.14	0.11	0.15	0.13	13.80	ppb
Lead	207-1	0.12	0.10	0.14	0.12	16.73	ppb
Lead	208-1	0.13	0.12	0.14	0.13	8.99	ppb
Lithium	6-1				93		%
Magnesium	24-2	5.16	5.92	5.12	5.40	8.34	ppb
Manganese	55-2	0.78	0.94	0.87	0.86	9.30	ppb
Molybdenum	94-1	-0.03	0.01	0.04	0.01	501.24	ppb
Molybdenum	95-1	0.01	0.02	0.01	0.01	39.39	ppb
Molybdenum	96-1	0.04	0.01	0.01	0.02	86.95	ppb
Molybdenum	97-1	0.03	0.01	0.02	0.02	55.09	ppb
Molybdenum	98-1	0.01	0.01	0.02	0.01	59.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.07	0.05	0.05	0.06	22.25	ppb
Phosphorus	31-2	12.52	2.80	7.84	7.72	62.97	ppb
Potassium	39-2	30.23	38.92	31.43	33.53	14.06	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				97		%
Scandium	45-2				100		%
Selenium	82-1	-0.94	-3.27	-2.02	-2.08		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.91	-0.43	0.15	0.21	314.47	ppb
Silicon	28-1	3849.82	3861.34	3866.00	3859.05	0.22	ppb
Silver	107-1	0.01	0.01	0.01	0.01	12.97	ppb
Silver	109-1	0.01	0.01	0.01	0.01	32.36	ppb
Sodium	23-2	107.52	108.36	108.96	108.28	0.67	ppb
Strontium	86-1	0.02	-0.01	0.02	0.01	217.06	ppb
Strontium	88-1	0.03	0.02	0.03	0.03	10.71	ppb
Sulfur	34-1	-43.37	-286.78	-503.10	-277.75		ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	-0.01	-0.02	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-01	Instrumnet Name :	P7
Client Sample ID :	MA0AM5	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 10:58:55	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	206.80	ppb
Tin	118-1	0.04	0.07	0.08	0.06	28.40	ppb
Titanium	47-1	0.42	0.50	0.45	0.45	8.77	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	14.18	ppb
Vanadium	51-2	0.01	0.02	0.01	0.02	16.67	ppb
Yttrium	89-1				103		%
Yttrium	89-2				100		%
Zinc	66-2	2.64	2.68	2.80	2.71	3.18	ppb
Zirconium	90-1	0.00	0.01	-0.01	0.00		ppb
Zirconium	91-1	0.03	-0.01	0.02	0.02	133.78	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-02	Instrumnet Name :	P7
Client Sample ID :	MA0AP9	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:02:04	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13.67	9.51	9.84	11.01	20.99	ppb
Antimony	121-1	0.81	0.83	0.89	0.84	4.67	ppb
Arsenic	75-2	0.22	0.21	0.14	0.19	21.81	ppb
Barium	135-1	7.62	7.66	7.86	7.72	1.69	ppb
Barium	137-1	7.60	7.46	7.65	7.57	1.31	ppb
Beryllium	9-1	0.03	0.02	0.03	0.03	20.00	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Boron	10-1	30.79	31.94	30.97	31.23	1.97	ppb
Boron	11-1	30.42	32.34	34.43	32.39	6.19	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.04	0.08	0.10	0.07	41.89	ppb
Cadmium	106-1	-2.66	-1.01	-0.45	-1.37		ppb
Cadmium	108-1	0.36	0.26	0.20	0.27	28.88	ppb
Calcium	43-1	27946.55	28653.28	28759.14	28452.99	1.55	ppb
Calcium	44-1	26690.91	27689.71	27351.93	27244.18	1.86	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	249.62	250.83	250.68	250.38	0.26	ppb
Cobalt	59-2	0.08	0.07	0.08	0.08	4.50	ppb
Copper	63-2	0.19	0.19	0.21	0.19	5.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	48.63	48.92	49.49	49.01	0.89	ppb
Iron	57-2	60.44	62.34	64.40	62.39	3.18	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-02	Instrumnet Name :	P7
Client Sample ID :	MA0AP9	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:02:04	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	216.32	224.41	223.51	221.41	2.00	ppb
Krypton	83-1						cps
Lead	206-1	0.11	0.12	0.11	0.12	2.78	ppb
Lead	207-1	0.08	0.07	0.09	0.08	9.36	ppb
Lead	208-1	0.10	0.10	0.10	0.10	1.07	ppb
Lithium	6-1				92		%
Magnesium	24-2	3314.94	3379.31	3373.92	3356.06	1.06	ppb
Manganese	55-2	31.18	31.90	31.71	31.60	1.19	ppb
Molybdenum	94-1	1.90	1.97	2.05	1.97	3.59	ppb
Molybdenum	95-1	2.65	2.74	2.72	2.71	1.86	ppb
Molybdenum	96-1	2.46	2.64	2.61	2.57	3.58	ppb
Molybdenum	97-1	2.53	2.57	2.79	2.63	5.34	ppb
Molybdenum	98-1	2.69	2.60	2.81	2.70	3.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.31	1.42	1.33	1.36	4.41	ppb
Phosphorus	31-2	16.17	8.39	5.05	9.87	57.81	ppb
Potassium	39-2	1553.66	1582.81	1583.56	1573.34	1.08	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				98		%
Scandium	45-2				101		%
Selenium	82-1	-2.08	-1.98	-3.48	-2.51		ppb
Selenium	77-2	0.00	0.35	1.07	0.47	114.78	ppb
Selenium	78-2	0.31	0.95	0.33	0.53	67.99	ppb
Silicon	28-1	11806.87	11848.49	11840.12	11831.83	0.19	ppb
Silver	107-1	0.00	0.01	0.00	0.00	74.34	ppb
Silver	109-1	0.01	0.00	0.00	0.00	110.43	ppb
Sodium	23-2	9490.60	9540.19	9582.20	9537.67	0.48	ppb
Strontium	86-1	5.02	5.17	5.29	5.16	2.61	ppb
Strontium	88-1	5.14	5.20	5.30	5.21	1.55	ppb
Sulfur	34-1	4990.83	5098.41	4773.87	4954.37	3.34	ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	0.00	0.00	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-02	Instrumnet Name :	P7
Client Sample ID :	MA0AP9	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:02:04	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.01	0.00	0.00	21.93	ppb
Tin	118-1	0.03	0.04	0.04	0.04	11.56	ppb
Titanium	47-1	0.82	0.87	0.85	0.85	2.72	ppb
Uranium	238-1	12.45	12.58	12.66	12.56	0.85	ppb
Vanadium	51-2	0.14	0.14	0.16	0.15	9.53	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	0.92	0.88	0.68	0.83	15.30	ppb
Zirconium	90-1	0.06	0.06	0.05	0.06	10.49	ppb
Zirconium	91-1	0.06	0.09	0.10	0.08	27.41	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-03	Instrumnet Name :	P7
Client Sample ID :	MA0AQ7	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:05:08	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	64.11	64.46	69.95	66.17	4.96	ppb
Antimony	121-1	0.53	0.54	0.55	0.54	2.62	ppb
Arsenic	75-2	0.60	0.64	0.67	0.64	6.17	ppb
Barium	135-1	8.86	8.96	8.48	8.77	2.89	ppb
Barium	137-1	9.03	9.10	8.83	8.99	1.56	ppb
Beryllium	9-1	0.01	0.00	0.04	0.02	102.65	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Boron	10-1	72.41	71.55	74.32	72.76	1.95	ppb
Boron	11-1	69.84	72.81	73.27	71.98	2.58	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.07	-0.06	-0.07	-0.07		ppb
Cadmium	106-1	-2.98	-2.41	-3.09	-2.83		ppb
Cadmium	108-1	0.20	0.26	0.29	0.25	17.85	ppb
Calcium	43-1	47957.00	47750.12	48295.08	48000.73	0.57	ppb
Calcium	44-1	45639.95	45363.74	46202.42	45735.37	0.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.01	19.11	19.58	19.23	1.58	ppb
Cobalt	59-2	0.02	0.02	0.03	0.03	11.23	ppb
Copper	63-2	0.70	0.67	0.65	0.67	4.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	2.51	2.35	2.49	2.45	3.47	ppb
Iron	57-2	22.99	24.46	25.35	24.27	4.91	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-03	Instrumnet Name :	P7
Client Sample ID :	MA0AQ7	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:05:08	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	19.15	16.23	17.16	17.52	8.51	ppb
Krypton	83-1						cps
Lead	206-1	0.09	0.11	0.12	0.11	11.60	ppb
Lead	207-1	0.10	0.09	0.11	0.10	11.06	ppb
Lead	208-1	0.10	0.10	0.10	0.10	0.25	ppb
Lithium	6-1				91		%
Magnesium	24-2	4017.87	4011.53	4011.47	4013.62	0.09	ppb
Manganese	55-2	1.84	1.83	1.92	1.86	2.66	ppb
Molybdenum	94-1	0.76	0.94	0.79	0.83	11.55	ppb
Molybdenum	95-1	1.06	1.06	1.14	1.09	4.33	ppb
Molybdenum	96-1	1.04	1.00	1.07	1.04	3.24	ppb
Molybdenum	97-1	1.13	1.20	1.04	1.12	7.25	ppb
Molybdenum	98-1	1.12	1.07	1.07	1.09	2.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.25	0.19	0.17	0.20	21.81	ppb
Phosphorus	31-2	58.86	47.46	59.40	55.24	12.21	ppb
Potassium	39-2	2318.79	2334.58	2310.57	2321.32	0.53	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				102		%
Selenium	82-1	-0.89	0.24	-1.27	-0.64		ppb
Selenium	77-2	0.00	0.35	0.00	0.12	173.21	ppb
Selenium	78-2	1.05	-0.07	1.95	0.98	103.34	ppb
Silicon	28-1	12602.11	12448.60	12616.08	12555.60	0.74	ppb
Silver	107-1	0.01	0.00	0.00	0.00	60.98	ppb
Silver	109-1	0.01	0.00	0.00	0.01	61.45	ppb
Sodium	23-2	10759.89	10731.76	10700.79	10730.81	0.28	ppb
Strontium	86-1	8.26	8.42	8.12	8.26	1.82	ppb
Strontium	88-1	8.19	8.34	8.29	8.28	0.94	ppb
Sulfur	34-1	6189.29	5802.37	5853.63	5948.43	3.53	ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	0.00	-0.02	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-03	Instrumnet Name :	P7
Client Sample ID :	MA0AQ7	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:05:08	DataFile Name :	055SMPL.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	0.14	0.10	0.12	0.12	14.67	ppb
Titanium	47-1	0.70	0.69	0.89	0.76	14.68	ppb
Uranium	238-1	2.17	2.18	2.10	2.15	1.98	ppb
Vanadium	51-2	1.12	1.12	1.04	1.09	4.22	ppb
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	1.64	1.75	1.78	1.72	4.39	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	1308.43	ppb
Zirconium	91-1	0.02	0.03	0.01	0.02	75.77	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-05	Instrumnet Name :	P7
Client Sample ID :	MA0AY9	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:08:15	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1878.87	1880.28	1869.13	1876.09	0.32	ppb
Antimony	121-1	8.06	8.08	8.18	8.11	0.82	ppb
Arsenic	75-2	0.50	0.50	0.45	0.48	6.74	ppb
Barium	135-1	141.73	141.93	140.33	141.33	0.62	ppb
Barium	137-1	145.56	143.65	142.14	143.78	1.19	ppb
Beryllium	9-1	0.00	0.00	0.02	0.01	194.97	ppb
Bismuth	209-1				95		%
Bismuth	209-2				98		%
Boron	10-1	27.14	25.23	26.86	26.41	3.90	ppb
Boron	11-1	27.43	27.98	27.93	27.78	1.10	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.03	0.02	-0.01	0.01	171.08	ppb
Cadmium	106-1	0.70	-0.04	-2.37	-0.57		ppb
Cadmium	108-1	0.35	0.16	0.15	0.22	50.68	ppb
Calcium	43-1	142845.87	142555.90	143353.99	142918.58	0.28	ppb
Calcium	44-1	137770.86	137952.40	136441.20	137388.15	0.60	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2093.91	2050.17	2070.62	2071.57	1.06	ppb
Cobalt	59-2	0.23	0.23	0.25	0.24	5.50	ppb
Copper	63-2	13.27	13.44	13.08	13.26	1.33	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				105		%
Holmium	165-2				108		%
Indium	115-1				103		%
Indium	115-2				105		%
Iron	56-2	31.75	31.60	31.82	31.73	0.35	ppb
Iron	57-2	94.82	101.17	102.17	99.39	4.01	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-05	Instrumnet Name :	P7
Client Sample ID :	MA0AY9	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:08:15	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	1450.96	1421.26	1398.45	1423.56	1.85	ppb
Krypton	83-1						cps
Lead	206-1	0.43	0.39	0.42	0.41	4.43	ppb
Lead	207-1	0.34	0.36	0.36	0.35	4.03	ppb
Lead	208-1	0.38	0.38	0.39	0.38	1.19	ppb
Lithium	6-1				92		%
Magnesium	24-2	13.51	12.94	12.67	13.04	3.30	ppb
Manganese	55-2	0.99	1.02	0.90	0.97	6.53	ppb
Molybdenum	94-1	9.45	9.06	9.51	9.34	2.58	ppb
Molybdenum	95-1	13.26	13.25	12.86	13.12	1.72	ppb
Molybdenum	96-1	12.69	12.93	12.68	12.77	1.08	ppb
Molybdenum	97-1	12.79	13.29	12.91	13.00	1.98	ppb
Molybdenum	98-1	13.08	13.08	13.42	13.19	1.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.61	3.62	3.81	3.68	3.14	ppb
Phosphorus	31-2	-3.69	5.50	-9.56	-2.58		ppb
Potassium	39-2	12262.20	12204.77	12171.35	12212.77	0.38	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				107		%
Selenium	82-1	-8.28	-5.90	-8.50	-7.56		ppb
Selenium	77-2	0.34	0.00	0.67	0.34	99.80	ppb
Selenium	78-2	0.71	0.51	1.38	0.87	52.95	ppb
Silicon	28-1	6147.51	6130.28	6173.60	6150.46	0.35	ppb
Silver	107-1	0.01	0.01	0.01	0.01	31.71	ppb
Silver	109-1	0.00	0.01	0.00	0.00	54.01	ppb
Sodium	23-2	202922.34	202995.07	203988.09	203301.83	0.29	ppb
Strontium	86-1	143.74	145.13	144.78	144.55	0.50	ppb
Strontium	88-1	148.02	148.76	148.45	148.41	0.25	ppb
Sulfur	34-1	51713.59	51649.31	51875.17	51746.02	0.22	ppb
Terbium	159-1				104		%
Terbium	159-2				108		%
Thallium	203-1	0.01	-0.01	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00	164.87	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-05	Instrumnet Name :	P7
Client Sample ID :	MA0AY9	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:08:15	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	72.24	ppb
Tin	118-1	0.94	0.92	0.82	0.89	7.07	ppb
Titanium	47-1	0.79	0.70	0.70	0.73	7.05	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	12.65	ppb
Vanadium	51-2	12.11	11.96	11.98	12.02	0.68	ppb
Yttrium	89-1				105		%
Yttrium	89-2				107		%
Zinc	66-2	3.62	3.30	3.36	3.43	4.94	ppb
Zirconium	90-1	0.05	0.03	0.03	0.04	24.99	ppb
Zirconium	91-1	0.05	0.01	0.01	0.02	109.12	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-06	Instrumnet Name :	P7
Client Sample ID :	MA0AZ1	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:11:18	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4613.05	4679.08	4567.42	4619.85	1.22	ppb
Antimony	121-1	0.17	0.16	0.17	0.17	4.81	ppb
Arsenic	75-2	0.85	0.84	0.88	0.86	2.45	ppb
Barium	135-1	342.09	344.05	338.19	341.44	0.87	ppb
Barium	137-1	341.18	344.00	340.61	341.93	0.53	ppb
Beryllium	9-1	0.02	0.01	-0.01	0.01	250.34	ppb
Bismuth	209-1				95		%
Bismuth	209-2				95		%
Boron	10-1	31.99	31.93	33.42	32.45	2.60	ppb
Boron	11-1	31.84	33.96	34.01	33.27	3.72	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.01	0.06	0.01	0.03	92.48	ppb
Cadmium	106-1	-1.42	1.51	-1.19	-0.37		ppb
Cadmium	108-1	-0.02	0.00	0.03	0.00	641.52	ppb
Calcium	43-1	199913.83	201518.35	202500.90	201311.03	0.65	ppb
Calcium	44-1	193223.97	195060.35	195099.86	194461.39	0.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.12	1.09	1.00	1.07	5.56	ppb
Cobalt	59-2	0.80	0.78	0.81	0.80	2.23	ppb
Copper	63-2	10.20	10.71	10.34	10.42	2.52	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				107		%
Holmium	165-2				107		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	56-2	38.62	38.90	38.13	38.55	1.02	ppb
Iron	57-2	132.54	140.86	139.04	137.48	3.18	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-06	Instrumnet Name :	P7
Client Sample ID :	MA0AZ1	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:11:18	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	43.51	43.84	39.16	42.17	6.19	ppb
Krypton	83-1						cps
Lead	206-1	0.31	0.28	0.29	0.29	4.73	ppb
Lead	207-1	0.25	0.25	0.25	0.25	0.44	ppb
Lead	208-1	0.25	0.27	0.27	0.27	3.75	ppb
Lithium	6-1				96		%
Magnesium	24-2	5.54	5.54	4.12	5.07	16.13	ppb
Manganese	55-2	0.19	0.29	0.22	0.23	21.45	ppb
Molybdenum	94-1	14.65	14.57	14.90	14.71	1.15	ppb
Molybdenum	95-1	20.76	20.91	20.71	20.80	0.50	ppb
Molybdenum	96-1	20.12	19.51	19.73	19.79	1.56	ppb
Molybdenum	97-1	21.62	20.85	21.44	21.30	1.89	ppb
Molybdenum	98-1	20.74	20.56	20.65	20.65	0.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	30.95	31.37	30.16	30.83	1.99	ppb
Phosphorus	31-2	2.93	-4.62	-3.81	-1.83		ppb
Potassium	39-2	93993.10	92797.22	93231.75	93340.69	0.65	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				105		%
Scandium	45-2				106		%
Selenium	82-1	-21.65	-21.77	-23.61	-22.34		ppb
Selenium	77-2	0.34	0.34	0.00	0.22	86.60	ppb
Selenium	78-2	-0.21	-0.25	0.13	-0.11		ppb
Silicon	28-1	5117.36	5081.86	5098.40	5099.21	0.35	ppb
Silver	107-1	0.01	0.00	0.00	0.00	180.56	ppb
Silver	109-1	0.00	0.00	0.00	0.00	230.88	ppb
Sodium	23-2	294877.95	297967.92	296912.24	296586.03	0.53	ppb
Strontium	86-1	538.15	545.84	544.30	542.76	0.75	ppb
Strontium	88-1	535.00	549.25	541.88	542.04	1.32	ppb
Sulfur	34-1	6923.69	6599.55	6518.65	6680.63	3.21	ppb
Terbium	159-1				106		%
Terbium	159-2				107		%
Thallium	203-1	0.00	-0.01	0.00	0.00		ppb
Thallium	205-1	0.00	-0.01	0.00	0.00		ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-06	Instrumnet Name :	P7
Client Sample ID :	MA0AZ1	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:11:18	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	146.09	ppb
Tin	118-1	1.04	0.93	0.96	0.98	5.90	ppb
Titanium	47-1	0.30	0.40	0.48	0.40	22.26	ppb
Uranium	238-1	0.00	0.00	0.01	0.00	47.83	ppb
Vanadium	51-2	1.96	1.89	1.94	1.93	1.93	ppb
Yttrium	89-1				109		%
Yttrium	89-2				106		%
Zinc	66-2	2.41	2.18	2.42	2.34	5.95	ppb
Zirconium	90-1	0.04	0.01	0.04	0.03	66.67	ppb
Zirconium	91-1	0.02	0.03	0.01	0.02	53.10	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-07	Instrumnet Name :	P7
Client Sample ID :	MA0AZ3	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:14:22	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1909.73	1939.76	1894.42	1914.64	1.20	ppb
Antimony	121-1	0.75	0.78	0.68	0.74	6.84	ppb
Arsenic	75-2	2.43	2.54	2.30	2.43	5.03	ppb
Barium	135-1	253.61	259.01	256.07	256.23	1.06	ppb
Barium	137-1	254.18	257.98	257.49	256.55	0.81	ppb
Beryllium	9-1	-0.01	0.00	-0.01	-0.01		ppb
Bismuth	209-1				88		%
Bismuth	209-2				90		%
Boron	10-1	83.72	86.58	94.63	88.31	6.41	ppb
Boron	11-1	88.30	91.34	92.57	90.74	2.43	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.06	0.01	0.01	0.03	95.20	ppb
Cadmium	106-1	-0.26	-1.41	-1.54	-1.07		ppb
Cadmium	108-1	0.18	0.27	0.41	0.29	39.84	ppb
Calcium	43-1	99483.86	100621.66	101211.69	100439.07	0.87	ppb
Calcium	44-1	95212.59	95941.51	95680.79	95611.63	0.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5.76	5.81	5.73	5.77	0.69	ppb
Cobalt	59-2	5.30	5.32	5.25	5.29	0.65	ppb
Copper	63-2	21.75	21.48	21.29	21.50	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				102		%
Holmium	165-2				104		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	56-2	31.23	31.52	30.42	31.06	1.83	ppb
Iron	57-2	77.91	81.83	83.96	81.23	3.78	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-07	Instrumnet Name :	P7
Client Sample ID :	MA0AZ3	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:14:22	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	36.87	38.08	35.90	36.95	2.96	ppb
Krypton	83-1						cps
Lead	206-1	1.13	1.11	1.12	1.12	0.78	ppb
Lead	207-1	1.00	1.03	1.00	1.01	1.84	ppb
Lead	208-1	1.03	1.06	1.04	1.04	1.77	ppb
Lithium	6-1				113		%
Magnesium	24-2	4.91	5.20	4.48	4.86	7.43	ppb
Manganese	55-2	1.05	0.99	0.94	1.00	5.34	ppb
Molybdenum	94-1	30.32	31.46	31.02	30.94	1.85	ppb
Molybdenum	95-1	43.92	44.15	43.47	43.85	0.79	ppb
Molybdenum	96-1	42.44	42.67	42.20	42.44	0.56	ppb
Molybdenum	97-1	43.58	43.38	43.35	43.44	0.28	ppb
Molybdenum	98-1	43.97	43.82	43.51	43.77	0.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	65.09	65.35	64.02	64.82	1.08	ppb
Phosphorus	31-2	20.33	8.59	0.26	9.73	103.66	ppb
Potassium	39-2	364410.25	369226.19	361867.86	365168.10	1.02	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				102		%
Scandium	45-2				106		%
Selenium	82-1	-32.05	-33.17	-32.04	-32.42		ppb
Selenium	77-2	2.75	2.74	1.36	2.28	35.02	ppb
Selenium	78-2	1.32	1.99	2.10	1.80	23.38	ppb
Silicon	28-1	6047.08	6195.74	6206.42	6149.74	1.45	ppb
Silver	107-1	0.01	0.01	0.00	0.01	41.70	ppb
Silver	109-1	0.00	0.00	0.01	0.00	150.26	ppb
Sodium	23-2	806573.96	803194.27	784705.18	798157.80	1.47	ppb
Strontium	86-1	820.90	815.95	816.21	817.69	0.34	ppb
Strontium	88-1	824.64	819.72	811.44	818.60	0.82	ppb
Sulfur	34-1	161957.99	166684.45	165513.41	164718.61	1.49	ppb
Terbium	159-1				101		%
Terbium	159-2				104		%
Thallium	203-1	0.01	0.02	0.02	0.02	22.09	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	10.15	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-07	Instrumnet Name :	P7
Client Sample ID :	MA0AZ3	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:14:22	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	37.50	ppb
Tin	118-1	0.56	0.55	0.54	0.55	1.53	ppb
Titanium	47-1	0.68	0.69	0.73	0.70	3.77	ppb
Uranium	238-1	0.00	0.01	0.00	0.00	50.20	ppb
Vanadium	51-2	35.60	35.39	35.01	35.33	0.85	ppb
Yttrium	89-1				106		%
Yttrium	89-2				105		%
Zinc	66-2	1.94	1.74	1.90	1.86	5.57	ppb
Zirconium	90-1	0.04	0.04	0.04	0.04	3.08	ppb
Zirconium	91-1	0.04	0.11	0.06	0.07	53.58	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-08	Instrumnet Name :	P7
Client Sample ID :	MA0AM7	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:17:27	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.91	5.19	5.59	5.23	6.52	ppb
Antimony	121-1	0.04	0.04	0.03	0.04	20.04	ppb
Arsenic	75-2	0.04	0.04	0.02	0.03	27.03	ppb
Barium	135-1	1.05	1.09	0.96	1.03	6.88	ppb
Barium	137-1	1.06	0.98	0.96	1.00	5.12	ppb
Beryllium	9-1	0.03	0.02	0.02	0.02	28.95	ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Boron	10-1	21.71	22.24	18.04	20.67	11.08	ppb
Boron	11-1	20.51	21.18	20.71	20.80	1.64	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.05	0.00	-0.03	0.01	526.07	ppb
Cadmium	106-1	1.69	-0.59	-1.49	-0.13		ppb
Cadmium	108-1	0.01	-0.05	-0.02	-0.02		ppb
Calcium	43-1	212.30	195.61	142.52	183.48	19.86	ppb
Calcium	44-1	247.19	199.84	168.98	205.34	19.18	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.88	0.86	0.87	0.87	1.23	ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	33.95	ppb
Copper	63-2	0.37	0.35	0.32	0.35	6.67	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				104		%
Indium	115-1				106		%
Indium	115-2				104		%
Iron	56-2	7.15	7.23	7.24	7.21	0.73	ppb
Iron	57-2	7.01	6.09	5.61	6.24	11.41	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-08	Instrumnet Name :	P7
Client Sample ID :	MA0AM7	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:17:27	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	8.93	10.32	9.41	9.55	7.43	ppb
Krypton	83-1						cps
Lead	206-1	0.21	0.19	0.19	0.20	5.34	ppb
Lead	207-1	0.17	0.15	0.15	0.16	8.07	ppb
Lead	208-1	0.18	0.17	0.16	0.17	5.87	ppb
Lithium	6-1				99		%
Magnesium	24-2	4.41	3.48	3.70	3.86	12.61	ppb
Manganese	55-2	1.01	1.03	1.04	1.03	1.95	ppb
Molybdenum	94-1	0.03	0.00	0.03	0.02	75.90	ppb
Molybdenum	95-1	0.10	0.10	0.07	0.09	19.43	ppb
Molybdenum	96-1	0.07	0.10	0.04	0.07	37.38	ppb
Molybdenum	97-1	0.11	0.10	0.05	0.09	33.90	ppb
Molybdenum	98-1	0.07	0.09	0.06	0.07	18.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.66	0.70	0.73	0.70	4.67	ppb
Phosphorus	31-2	10.26	20.29	5.00	11.85	65.55	ppb
Potassium	39-2	197.46	195.85	171.49	188.27	7.73	ppb
Rhodium	103-1				106		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	82-1	-3.32	0.25	-2.21	-1.76		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.66	0.18	0.10	0.31	97.13	ppb
Silicon	28-1	3566.70	3634.41	3679.85	3626.99	1.57	ppb
Silver	107-1	0.00	0.00	0.01	0.00	147.84	ppb
Silver	109-1	0.00	0.00	0.00	0.00	96.19	ppb
Sodium	23-2	448.39	407.78	385.09	413.75	7.75	ppb
Strontium	86-1	1.08	0.76	0.50	0.78	36.77	ppb
Strontium	88-1	1.08	0.76	0.51	0.78	36.50	ppb
Sulfur	34-1	-58.81	143.21	153.42	79.27	150.98	ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	-0.02	-0.02	-0.02	-0.02		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-08	Instrumnet Name :	P7
Client Sample ID :	MA0AM7	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:17:27	DataFile Name :	059SMPL.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	0.07	0.06	0.06	0.06	9.12	ppb
Titanium	47-1	0.48	0.28	0.31	0.36	29.83	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	48.31	ppb
Vanadium	51-2	0.03	0.03	0.02	0.03	14.56	ppb
Yttrium	89-1				107		%
Yttrium	89-2				104		%
Zinc	66-2	2.47	2.34	1.91	2.24	13.08	ppb
Zirconium	90-1	0.00	-0.01	-0.01	-0.01		ppb
Zirconium	91-1	0.00	0.01	-0.02	0.00		ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-09	Instrumnet Name :	P7
Client Sample ID :	MA0AN5	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:20:33	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	459.88	463.53	464.40	462.60	0.52	ppb
Antimony	121-1	1.31	1.33	1.31	1.32	0.67	ppb
Arsenic	75-2	0.23	0.26	0.21	0.23	10.79	ppb
Barium	135-1	560.66	560.54	562.32	561.17	0.18	ppb
Barium	137-1	560.36	560.16	562.81	561.11	0.26	ppb
Beryllium	9-1	0.05	0.00	0.00	0.02	162.29	ppb
Bismuth	209-1				93		%
Bismuth	209-2				95		%
Boron	10-1	15.71	15.52	18.44	16.56	9.87	ppb
Boron	11-1	16.37	16.59	16.57	16.51	0.74	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.01	0.00	0.01	0.01	165.41	ppb
Cadmium	106-1	0.17	-0.91	-0.44	-0.39		ppb
Cadmium	108-1	0.11	0.08	0.01	0.07	73.38	ppb
Calcium	43-1	399061.51	406730.51	408581.15	404791.06	1.25	ppb
Calcium	44-1	400332.39	405512.12	406232.39	404025.63	0.80	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	46.00	45.30	46.20	45.83	1.03	ppb
Cobalt	59-2	0.79	0.79	0.81	0.80	1.28	ppb
Copper	63-2	6.27	6.21	6.41	6.29	1.61	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				106		%
Indium	115-1				103		%
Indium	115-2				103		%
Iron	56-2	102.24	101.44	102.33	102.00	0.49	ppb
Iron	57-2	293.92	320.40	320.45	311.59	4.91	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-09	Instrumnet Name :	P7
Client Sample ID :	MA0AN5	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:20:33	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	136.59	138.61	138.40	137.86	0.81	ppb
Krypton	83-1						cps
Lead	206-1	0.69	0.69	0.72	0.70	2.31	ppb
Lead	207-1	0.58	0.61	0.54	0.58	6.01	ppb
Lead	208-1	0.64	0.63	0.63	0.63	1.13	ppb
Lithium	6-1				99		%
Magnesium	24-2	13.50	14.99	14.08	14.19	5.31	ppb
Manganese	55-2	1.65	1.58	1.69	1.64	3.25	ppb
Molybdenum	94-1	3.28	3.64	3.38	3.43	5.31	ppb
Molybdenum	95-1	4.88	4.91	4.79	4.86	1.34	ppb
Molybdenum	96-1	4.76	4.69	4.68	4.71	0.92	ppb
Molybdenum	97-1	4.56	4.66	4.63	4.62	1.14	ppb
Molybdenum	98-1	4.60	4.89	4.91	4.80	3.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	22.29	21.82	21.70	21.94	1.42	ppb
Phosphorus	31-2	10.28	10.39	7.44	9.37	17.82	ppb
Potassium	39-2	44079.36	43609.66	44037.13	43908.72	0.59	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				107		%
Selenium	82-1	-20.19	-21.72	-22.30	-21.40		ppb
Selenium	77-2	0.69	0.00	0.00	0.23	173.21	ppb
Selenium	78-2	1.03	0.73	-0.91	0.28	368.93	ppb
Silicon	28-1	3154.49	3221.50	3234.48	3203.49	1.34	ppb
Silver	107-1	0.00	0.00	0.00	0.00	36.03	ppb
Silver	109-1	0.01	0.01	0.00	0.00	50.33	ppb
Sodium	23-2	122968.83	120239.11	121770.64	121659.53	1.12	ppb
Strontium	86-1	484.01	497.97	498.71	493.57	1.68	ppb
Strontium	88-1	486.44	506.76	503.42	498.87	2.18	ppb
Sulfur	34-1	5109.24	5578.30	5572.19	5419.91	4.96	ppb
Terbium	159-1				102		%
Terbium	159-2				106		%
Thallium	203-1	0.03	0.02	0.02	0.02	34.73	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	3.41	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-09	Instrumnet Name :	P7
Client Sample ID :	MA0AN5	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:20:33	DataFile Name :	060SMPL.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	0.27	0.25	0.25	0.26	4.85	ppb
Titanium	47-1	0.31	0.54	0.31	0.39	33.59	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	23.01	ppb
Vanadium	51-2	0.13	0.15	0.17	0.15	12.89	ppb
Yttrium	89-1				105		%
Yttrium	89-2				106		%
Zinc	66-2	2.11	1.87	2.12	2.03	7.08	ppb
Zirconium	90-1	0.00	0.00	0.02	0.01	189.54	ppb
Zirconium	91-1	0.02	0.00	0.02	0.01	97.88	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-10	Instrumnet Name :	P7
Client Sample ID :	MA0AQ9	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:23:36	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1376.96	1389.10	1385.63	1383.90	0.45	ppb
Antimony	121-1	0.68	0.72	0.74	0.71	4.07	ppb
Arsenic	75-2	0.59	0.56	0.52	0.56	7.14	ppb
Barium	135-1	326.37	331.41	344.55	334.11	2.81	ppb
Barium	137-1	328.14	331.82	346.01	335.32	2.81	ppb
Beryllium	9-1	0.01	0.03	0.01	0.01	71.48	ppb
Bismuth	209-1				90		%
Bismuth	209-2				94		%
Boron	10-1	33.11	34.01	33.38	33.50	1.37	ppb
Boron	11-1	33.84	34.49	33.28	33.87	1.79	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.02	0.07	0.03	0.04	60.90	ppb
Cadmium	106-1	-0.70	-0.39	-1.79	-0.96		ppb
Cadmium	108-1	0.62	0.59	0.93	0.71	26.63	ppb
Calcium	43-1	151524.12	152760.32	155126.83	153137.09	1.20	ppb
Calcium	44-1	146753.80	146285.26	149619.38	147552.81	1.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	533.25	532.14	530.89	532.09	0.22	ppb
Cobalt	59-2	0.41	0.42	0.43	0.42	2.45	ppb
Copper	63-2	13.43	13.40	13.38	13.40	0.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				105		%
Indium	115-1				98		%
Indium	115-2				101		%
Iron	56-2	46.47	45.59	46.13	46.06	0.97	ppb
Iron	57-2	113.41	119.99	126.65	120.02	5.52	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-10	Instrumnet Name :	P7
Client Sample ID :	MA0AQ9	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:23:36	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	416.50	405.14	405.83	409.16	1.56	ppb
Krypton	83-1						cps
Lead	206-1	0.36	0.34	0.36	0.35	3.05	ppb
Lead	207-1	0.31	0.31	0.28	0.30	5.00	ppb
Lead	208-1	0.33	0.31	0.32	0.32	2.68	ppb
Lithium	6-1				97		%
Magnesium	24-2	5.58	6.47	6.43	6.16	8.20	ppb
Manganese	55-2	0.91	0.97	0.97	0.95	3.27	ppb
Molybdenum	94-1	62.52	65.14	64.87	64.18	2.24	ppb
Molybdenum	95-1	87.02	91.06	91.70	89.93	2.82	ppb
Molybdenum	96-1	83.76	88.05	88.49	86.77	3.01	ppb
Molybdenum	97-1	87.77	89.52	92.78	90.02	2.82	ppb
Molybdenum	98-1	87.67	90.69	92.28	90.21	2.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.53	4.35	4.54	4.48	2.44	ppb
Phosphorus	31-2	0.75	7.66	-0.99	2.47	184.96	ppb
Potassium	39-2	46349.72	47503.83	46307.34	46720.30	1.45	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				105		%
Selenium	82-1	-5.88	-7.00	-8.82	-7.23		ppb
Selenium	77-2	1.74	0.69	1.38	1.27	42.17	ppb
Selenium	78-2	2.43	1.54	1.42	1.79	30.91	ppb
Silicon	28-1	5843.90	6010.14	6080.90	5978.32	2.04	ppb
Silver	107-1	0.01	0.01	0.01	0.01	8.16	ppb
Silver	109-1	0.01	0.01	0.00	0.00	115.51	ppb
Sodium	23-2	359142.15	347650.34	354787.14	353859.88	1.64	ppb
Strontium	86-1	178.66	185.00	187.32	183.66	2.44	ppb
Strontium	88-1	187.63	193.43	191.20	190.75	1.53	ppb
Sulfur	34-1	56955.82	57723.58	58137.26	57605.55	1.04	ppb
Terbium	159-1				99		%
Terbium	159-2				105		%
Thallium	203-1	0.00	0.00	-0.01	0.00		ppb
Thallium	205-1	0.00	0.00	0.01	0.01	72.15	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-10	Instrumnet Name :	P7
Client Sample ID :	MA0AQ9	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:23:36	DataFile Name :	061SMPL.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	0.37	0.35	0.38	0.37	4.03	ppb
Titanium	47-1	0.41	0.43	0.44	0.43	2.94	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	9.13	ppb
Vanadium	51-2	4.46	4.38	4.32	4.38	1.64	ppb
Yttrium	89-1				102		%
Yttrium	89-2				104		%
Zinc	66-2	1.55	1.56	1.63	1.58	2.53	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	10.89	ppb
Zirconium	91-1	0.01	0.00	0.02	0.01	105.81	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-11	Instrumnet Name :	P7
Client Sample ID :	MA0AR3	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:26:40	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3587.96	3515.39	3609.32	3570.89	1.38	ppb
Antimony	121-1	0.78	0.70	0.69	0.73	6.80	ppb
Arsenic	75-2	4.77	4.45	4.94	4.72	5.31	ppb
Barium	135-1	8.78	8.33	7.88	8.33	5.42	ppb
Barium	137-1	8.43	8.45	8.09	8.32	2.46	ppb
Beryllium	9-1	0.03	0.05	0.01	0.03	76.32	ppb
Bismuth	209-1				96		%
Bismuth	209-2				96		%
Boron	10-1	36.62	40.41	42.34	39.79	7.31	ppb
Boron	11-1	39.92	41.64	40.87	40.81	2.11	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.04	-0.01	0.06	0.03	118.09	ppb
Cadmium	106-1	-0.31	-1.90	-0.10	-0.77		ppb
Cadmium	108-1	0.07	0.28	0.09	0.15	76.37	ppb
Calcium	43-1	5981.12	6013.29	6147.83	6047.41	1.46	ppb
Calcium	44-1	5992.02	6102.42	6059.77	6051.41	0.92	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	30.87	30.52	30.53	30.64	0.64	ppb
Cobalt	59-2	0.17	0.16	0.17	0.17	4.05	ppb
Copper	63-2	3.68	3.57	3.59	3.61	1.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	56-2	35.77	34.67	35.38	35.27	1.58	ppb
Iron	57-2	39.02	37.11	35.44	37.19	4.82	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-11	Instrumnet Name :	P7
Client Sample ID :	MA0AR3	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:26:40	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	61.81	58.15	55.51	58.49	5.41	ppb
Krypton	83-1						cps
Lead	206-1	0.13	0.17	0.15	0.15	13.52	ppb
Lead	207-1	0.12	0.12	0.08	0.11	24.52	ppb
Lead	208-1	0.12	0.14	0.12	0.13	9.93	ppb
Lithium	6-1				100		%
Magnesium	24-2	1.17	0.97	1.03	1.06	9.32	ppb
Manganese	55-2	0.19	0.22	0.15	0.19	16.85	ppb
Molybdenum	94-1	19.57	19.75	20.02	19.78	1.15	ppb
Molybdenum	95-1	27.65	28.44	28.32	28.14	1.51	ppb
Molybdenum	96-1	26.36	27.31	27.03	26.90	1.82	ppb
Molybdenum	97-1	27.81	27.37	28.55	27.91	2.14	ppb
Molybdenum	98-1	27.57	28.04	28.19	27.93	1.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.14	4.88	5.03	5.02	2.64	ppb
Phosphorus	31-2	8.27	5.82	1.37	5.15	67.89	ppb
Potassium	39-2	42225.03	41646.15	42072.84	41981.34	0.71	ppb
Rhodium	103-1				104		%
Rhodium	103-2				100		%
Scandium	45-1				104		%
Scandium	45-2				105		%
Selenium	82-1	-1.67	-2.46	-2.76	-2.30		ppb
Selenium	77-2	0.35	0.69	0.34	0.46	42.87	ppb
Selenium	78-2	1.88	-0.40	0.45	0.64	178.87	ppb
Silicon	28-1	13419.62	13662.96	13699.65	13594.08	1.12	ppb
Silver	107-1	0.00	0.01	0.00	0.00	113.45	ppb
Silver	109-1	0.01	0.00	0.01	0.01	22.39	ppb
Sodium	23-2	149649.42	146311.63	148173.21	148044.76	1.13	ppb
Strontium	86-1	18.95	19.03	19.03	19.00	0.25	ppb
Strontium	88-1	18.95	18.74	18.92	18.87	0.61	ppb
Sulfur	34-1	30521.02	31077.37	30684.22	30760.87	0.93	ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	0.00	0.00	0.01	0.01	38.76	ppb
Thallium	205-1	0.01	0.02	0.01	0.01	40.90	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-11	Instrumnet Name :	P7
Client Sample ID :	MA0AR3	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:26:40	DataFile Name :	062SMPL.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	0.78	0.76	0.78	0.77	1.41	ppb
Titanium	47-1	0.79	0.89	1.20	0.96	22.22	ppb
Uranium	238-1	0.02	0.03	0.03	0.03	13.10	ppb
Vanadium	51-2	20.90	20.14	20.23	20.43	2.02	ppb
Yttrium	89-1				107		%
Yttrium	89-2				104		%
Zinc	66-2	0.35	0.37	0.36	0.36	3.28	ppb
Zirconium	90-1	0.01	0.00	0.00	0.00	132.19	ppb
Zirconium	91-1	0.01	0.02	0.00	0.01	67.38	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-12	Instrumnet Name :	P7
Client Sample ID :	MA0AQ5	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:29:45	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.30	8.82	9.28	8.47	12.26	ppb
Antimony	121-1	0.09	0.05	0.07	0.07	24.17	ppb
Arsenic	75-2	0.32	0.40	0.49	0.40	21.43	ppb
Barium	135-1	16.69	16.60	16.68	16.66	0.27	ppb
Barium	137-1	16.89	16.70	16.61	16.73	0.86	ppb
Beryllium	9-1	0.01	0.04	0.02	0.02	64.52	ppb
Bismuth	209-1				96		%
Bismuth	209-2				98		%
Boron	10-1	30.07	35.55	31.97	32.53	8.57	ppb
Boron	11-1	31.25	33.71	33.01	32.65	3.89	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.04	-0.01	-0.01	0.01	423.81	ppb
Cadmium	106-1	0.03	-1.84	-1.88	-1.23		ppb
Cadmium	108-1	-0.20	-0.02	-0.11	-0.11		ppb
Calcium	43-1	69580.94	70868.42	71545.16	70664.84	1.41	ppb
Calcium	44-1	67034.27	68292.76	69275.40	68200.81	1.65	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	13.98	14.00	13.94	13.97	0.24	ppb
Cobalt	59-2	0.02	0.04	0.03	0.03	25.37	ppb
Copper	63-2	0.39	0.40	0.37	0.39	3.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	4.07	4.17	4.29	4.18	2.61	ppb
Iron	57-2	38.70	37.07	37.70	37.82	2.17	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-12	Instrumnet Name :	P7
Client Sample ID :	MA0AQ5	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:29:45	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	15.45	15.85	14.03	15.11	6.33	ppb
Krypton	83-1						cps
Lead	206-1	0.24	0.25	0.27	0.25	5.75	ppb
Lead	207-1	0.22	0.23	0.21	0.22	3.04	ppb
Lead	208-1	0.22	0.24	0.23	0.23	3.88	ppb
Lithium	6-1				99		%
Magnesium	24-2	9335.25	9310.71	9284.31	9310.09	0.27	ppb
Manganese	55-2	131.43	129.94	131.41	130.93	0.65	ppb
Molybdenum	94-1	2.60	2.77	2.76	2.71	3.59	ppb
Molybdenum	95-1	3.99	3.85	3.98	3.94	1.90	ppb
Molybdenum	96-1	3.72	3.73	3.69	3.71	0.57	ppb
Molybdenum	97-1	3.96	4.14	4.11	4.07	2.31	ppb
Molybdenum	98-1	3.74	3.91	4.01	3.89	3.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.27	0.26	0.32	0.28	10.55	ppb
Phosphorus	31-2	23.32	21.44	13.23	19.33	27.77	ppb
Potassium	39-2	2846.68	2871.27	2887.60	2868.51	0.72	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	82-1	-2.13	1.91	-0.08	-0.10		ppb
Selenium	77-2	0.00	0.35	0.35	0.23	86.60	ppb
Selenium	78-2	-0.06	0.12	-0.03	0.01	947.36	ppb
Silicon	28-1	10457.78	10584.22	10626.50	10556.17	0.83	ppb
Silver	107-1	0.00	0.00	0.00	0.00	62.70	ppb
Silver	109-1	0.01	0.00	0.00	0.00	49.11	ppb
Sodium	23-2	19343.03	19555.16	19257.53	19385.24	0.79	ppb
Strontium	86-1	10.72	10.89	10.94	10.85	1.08	ppb
Strontium	88-1	10.74	11.00	10.97	10.90	1.34	ppb
Sulfur	34-1	9359.30	9557.43	9357.79	9424.84	1.22	ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	0.00	-0.01	0.00	0.00		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-12	Instrumnet Name :	P7
Client Sample ID :	MA0AQ5	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:29:45	DataFile Name :	063SMPL.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	0.11	0.11	0.09	29.54	ppb
Titanium	47-1	0.70	0.70	0.75	0.72	3.62	ppb
Uranium	238-1	79.06	79.71	80.42	79.73	0.85	ppb
Vanadium	51-2	0.64	0.58	0.57	0.60	6.18	ppb
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	3.47	3.66	3.56	3.56	2.58	ppb
Zirconium	90-1	0.02	0.00	0.00	0.01	141.10	ppb
Zirconium	91-1	0.01	0.05	0.03	0.03	73.07	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-13	Instrumnet Name :	P7
Client Sample ID :	MA0AW9	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:32:50	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.49	1.00	1.60	1.70	43.90	ppb
Antimony	121-1	0.02	0.03	0.04	0.03	34.85	ppb
Arsenic	75-2	0.06	0.08	0.08	0.07	17.16	ppb
Barium	135-1	27.57	28.17	28.74	28.16	2.09	ppb
Barium	137-1	28.26	29.27	28.95	28.82	1.80	ppb
Beryllium	9-1	-0.01	0.07	0.06	0.04	106.79	ppb
Bismuth	209-1				95		%
Bismuth	209-2				96		%
Boron	10-1	37.39	39.69	39.79	38.95	3.48	ppb
Boron	11-1	38.60	39.64	43.33	40.52	6.13	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.01	0.05	-0.02	0.01	230.07	ppb
Cadmium	106-1	-0.44	0.63	-0.90	-0.24		ppb
Cadmium	108-1	-0.08	-0.14	0.14	-0.03		ppb
Calcium	43-1	59964.58	62319.93	61993.66	61426.05	2.08	ppb
Calcium	44-1	57406.96	59312.47	58723.61	58481.01	1.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.27	0.35	0.35	0.32	15.61	ppb
Cobalt	59-2	0.17	0.15	0.17	0.17	6.75	ppb
Copper	63-2	5.96	5.89	5.83	5.89	1.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	5816.47	5802.69	5937.61	5852.26	1.27	ppb
Iron	57-2	5813.56	5857.50	5909.39	5860.15	0.82	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-13	Instrumnet Name :	P7
Client Sample ID :	MA0AW9	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:32:50	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	5908.30	5885.42	5961.51	5918.41	0.66	ppb
Krypton	83-1						cps
Lead	206-1	0.15	0.12	0.10	0.12	19.67	ppb
Lead	207-1	0.10	0.12	0.10	0.11	10.79	ppb
Lead	208-1	0.11	0.12	0.11	0.11	6.84	ppb
Lithium	6-1				97		%
Magnesium	24-2	8940.36	8906.36	8989.65	8945.46	0.47	ppb
Manganese	55-2	314.65	316.04	317.31	316.00	0.42	ppb
Molybdenum	94-1	0.97	1.02	1.03	1.00	3.27	ppb
Molybdenum	95-1	1.43	1.39	1.43	1.42	1.62	ppb
Molybdenum	96-1	1.37	1.37	1.34	1.36	1.14	ppb
Molybdenum	97-1	1.39	1.42	1.45	1.42	2.16	ppb
Molybdenum	98-1	1.33	1.46	1.39	1.39	4.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.75	0.69	0.80	0.75	7.26	ppb
Phosphorus	31-2	6.59	4.40	18.33	9.77	76.64	ppb
Potassium	39-2	3130.30	3104.76	3086.40	3107.15	0.71	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				102		%
Selenium	82-1	-1.02	-0.05	0.44	-0.21		ppb
Selenium	77-2	0.36	0.00	0.36	0.24	86.60	ppb
Selenium	78-2	1.34	0.94	0.11	0.80	79.01	ppb
Silicon	28-1	10489.38	10828.96	10783.97	10700.77	1.72	ppb
Silver	107-1	0.01	0.01	0.01	0.01	20.44	ppb
Silver	109-1	0.01	0.01	0.01	0.01	16.10	ppb
Sodium	23-2	29733.68	29573.21	29570.14	29625.68	0.32	ppb
Strontium	86-1	14.99	15.38	15.49	15.29	1.74	ppb
Strontium	88-1	14.76	15.40	15.43	15.19	2.48	ppb
Sulfur	34-1	6531.55	6649.37	6497.24	6559.38	1.22	ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	0.00	-0.01	-0.01	-0.01		ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-13	Instrumnet Name :	P7
Client Sample ID :	MA0AW9	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:32:50	DataFile Name :	064SMPL.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	0.11	0.09	0.11	0.10	10.65	ppb
Titanium	47-1	0.66	0.80	0.81	0.76	11.01	ppb
Uranium	238-1	61.72	63.36	62.81	62.63	1.34	ppb
Vanadium	51-2	0.07	0.09	0.07	0.08	13.45	ppb
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	21.53	21.52	20.65	21.24	2.37	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	44.21	ppb
Zirconium	91-1	0.00	0.00	0.03	0.01	156.71	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-14	Instrumnet Name :	P7
Client Sample ID :	MA0AX7	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:35:54	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.74	2.33	2.42	2.50	8.76	ppb
Antimony	121-1	0.02	0.02	0.01	0.02	21.72	ppb
Arsenic	75-2	0.07	0.08	0.08	0.07	8.27	ppb
Barium	135-1	7.39	7.37	7.37	7.37	0.13	ppb
Barium	137-1	7.62	7.47	7.40	7.49	1.52	ppb
Beryllium	9-1	0.10	0.08	0.06	0.08	28.12	ppb
Bismuth	209-1				93		%
Bismuth	209-2				93		%
Boron	10-1	37.96	39.86	40.78	39.53	3.63	ppb
Boron	11-1	37.83	39.75	42.45	40.01	5.80	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.02	0.00	0.04	0.01	515.12	ppb
Cadmium	106-1	-1.81	-2.31	0.04	-1.36		ppb
Cadmium	108-1	-0.10	-0.01	-0.04	-0.05		ppb
Calcium	43-1	137653.88	140186.04	142589.57	140143.16	1.76	ppb
Calcium	44-1	133912.19	134354.64	135023.53	134430.12	0.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.68	0.68	0.71	0.69	2.98	ppb
Cobalt	59-2	0.01	0.02	0.02	0.01	40.20	ppb
Copper	63-2	11.50	11.99	11.47	11.66	2.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	3.71	3.75	3.43	3.63	4.90	ppb
Iron	57-2	76.21	75.19	80.64	77.35	3.75	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-14	Instrumnet Name :	P7
Client Sample ID :	MA0AX7	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:35:54	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	5.43	4.68	4.76	4.96	8.29	ppb
Krypton	83-1						cps
Lead	206-1	4.41	4.44	4.32	4.39	1.39	ppb
Lead	207-1	3.90	3.96	3.93	3.93	0.69	ppb
Lead	208-1	4.11	4.15	4.10	4.12	0.72	ppb
Lithium	6-1				94		%
Magnesium	24-2	16222.78	16510.48	16261.32	16331.53	0.96	ppb
Manganese	55-2	0.45	0.43	0.53	0.47	10.89	ppb
Molybdenum	94-1	1.05	0.97	1.00	1.01	3.85	ppb
Molybdenum	95-1	1.56	1.46	1.47	1.50	3.59	ppb
Molybdenum	96-1	1.41	1.49	1.44	1.44	2.79	ppb
Molybdenum	97-1	1.49	1.43	1.36	1.43	4.43	ppb
Molybdenum	98-1	1.41	1.56	1.49	1.49	5.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.46	0.43	0.33	0.40	16.74	ppb
Phosphorus	31-2	-1.26	12.87	-1.86	3.25	256.70	ppb
Potassium	39-2	6822.06	6892.09	6834.67	6849.61	0.54	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				101		%
Selenium	82-1	-2.47	-2.44	-2.25	-2.39		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.72	0.57	0.64	0.64	12.03	ppb
Silicon	28-1	9270.08	9538.81	9551.73	9453.54	1.68	ppb
Silver	107-1	0.03	0.03	0.04	0.03	9.56	ppb
Silver	109-1	0.04	0.04	0.04	0.04	6.68	ppb
Sodium	23-2	75032.17	74582.44	73681.62	74432.07	0.92	ppb
Strontium	86-1	40.96	41.03	41.80	41.26	1.13	ppb
Strontium	88-1	41.62	42.71	42.69	42.34	1.47	ppb
Sulfur	34-1	29116.94	29950.58	29482.82	29516.78	1.42	ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	0.01	0.02	0.02	0.02	42.98	ppb
Thallium	205-1	0.01	0.01	0.02	0.02	8.79	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-14	Instrumnet Name :	P7
Client Sample ID :	MA0AX7	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:35:54	DataFile Name :	065SMPL.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	0.10	0.09	0.08	27.06	ppb
Titanium	47-1	0.62	0.63	0.64	0.63	1.50	ppb
Uranium	238-1	14.18	14.27	14.46	14.30	1.00	ppb
Vanadium	51-2	0.52	0.57	0.50	0.53	6.43	ppb
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	42.90	43.42	42.89	43.07	0.71	ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	134.52	ppb
Zirconium	91-1	0.02	0.03	-0.02	0.01	274.58	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-15	Instrumnet Name :	P7
Client Sample ID :	MA0AM9	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:38:59	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.42	6.70	6.87	6.66	3.39	ppb
Antimony	121-1	0.03	0.04	0.04	0.04	13.22	ppb
Arsenic	75-2	0.01	0.04	0.02	0.02	78.63	ppb
Barium	135-1	0.53	0.47	0.37	0.46	17.33	ppb
Barium	137-1	0.43	0.39	0.42	0.41	5.36	ppb
Beryllium	9-1	0.03	0.02	0.00	0.02	109.08	ppb
Bismuth	209-1				96		%
Bismuth	209-2				96		%
Boron	10-1	15.53	18.13	18.55	17.41	9.40	ppb
Boron	11-1	18.36	18.27	19.33	18.65	3.15	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.00	-0.03	-0.02	-0.02		ppb
Cadmium	106-1	-0.59	-1.22	-1.50	-1.10		ppb
Cadmium	108-1	0.02	-0.01	0.02	0.01	216.84	ppb
Calcium	43-1	234.19	172.60	124.02	176.94	31.20	ppb
Calcium	44-1	253.77	187.52	148.72	196.67	27.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.53	0.57	0.56	0.55	4.05	ppb
Cobalt	59-2	0.01	0.02	0.02	0.02	39.04	ppb
Copper	63-2	0.40	0.40	0.38	0.39	3.33	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				100		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	56-2	5.00	4.94	5.01	4.98	0.73	ppb
Iron	57-2	3.97	6.19	3.69	4.62	29.62	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-15	Instrumnet Name :	P7
Client Sample ID :	MA0AM9	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:38:59	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	7.98	7.22	8.13	7.78	6.27	ppb
Krypton	83-1						cps
Lead	206-1	0.38	0.41	0.37	0.39	4.77	ppb
Lead	207-1	0.32	0.34	0.31	0.33	4.41	ppb
Lead	208-1	0.36	0.36	0.36	0.36	0.76	ppb
Lithium	6-1				94		%
Magnesium	24-2	9.91	9.47	9.59	9.66	2.33	ppb
Manganese	55-2	2.98	2.94	2.89	2.93	1.52	ppb
Molybdenum	94-1	-0.04	-0.02	0.02	-0.01		ppb
Molybdenum	95-1	0.03	0.00	0.00	0.01	137.86	ppb
Molybdenum	96-1	-0.01	0.01	-0.01	0.00		ppb
Molybdenum	97-1	0.01	0.02	0.00	0.01	96.71	ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	30.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.66	0.72	0.69	0.69	3.87	ppb
Phosphorus	31-2	2.20	5.00	14.50	7.23	89.12	ppb
Potassium	39-2	75.82	70.29	70.83	72.31	4.22	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				101		%
Selenium	82-1	-0.27	-0.74	1.09	0.03	3202.72	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.73	-0.10	1.04	0.56	105.77	ppb
Silicon	28-1	3336.93	3382.11	3353.69	3357.58	0.68	ppb
Silver	107-1	0.00	0.01	0.00	0.00	68.17	ppb
Silver	109-1	0.01	0.01	0.01	0.01	7.91	ppb
Sodium	23-2	235.88	232.20	233.99	234.02	0.79	ppb
Strontium	86-1	0.06	0.05	0.06	0.06	15.25	ppb
Strontium	88-1	0.08	0.06	0.05	0.07	19.45	ppb
Sulfur	34-1	1588.05	1590.79	1265.28	1481.37	12.63	ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	-0.01	-0.01	-0.02	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-15	Instrumnet Name :	P7
Client Sample ID :	MA0AM9	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:38:59	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.12	0.13	0.12	0.12	7.92	ppb
Titanium	47-1	0.28	0.44	0.37	0.36	21.88	ppb
Uranium	238-1	0.02	0.02	0.01	0.02	32.38	ppb
Vanadium	51-2	0.03	0.02	0.01	0.02	43.05	ppb
Yttrium	89-1				104		%
Yttrium	89-2				101		%
Zinc	66-2	3.90	3.31	3.54	3.58	8.31	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb
Zirconium	91-1	0.01	0.01	0.04	0.02	89.69	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-16	Instrumnet Name :	P7
Client Sample ID :	MA0AS1	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:42:05	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	811.36	792.57	785.47	796.47	1.68	ppb
Antimony	121-1	0.39	0.42	0.38	0.40	4.94	ppb
Arsenic	75-2	6.84	6.77	7.19	6.93	3.24	ppb
Barium	135-1	12.67	13.36	13.29	13.11	2.91	ppb
Barium	137-1	12.29	13.09	12.81	12.73	3.21	ppb
Beryllium	9-1	0.19	0.23	0.19	0.20	13.28	ppb
Bismuth	209-1				96		%
Bismuth	209-2				96		%
Boron	10-1	30.72	36.38	33.49	33.53	8.44	ppb
Boron	11-1	34.31	36.93	36.33	35.86	3.82	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.00	0.02	0.02	0.01	70.74	ppb
Cadmium	106-1	-0.75	0.12	-0.32	-0.32		ppb
Cadmium	108-1	0.48	0.36	0.48	0.44	15.14	ppb
Calcium	43-1	44826.65	45749.98	46567.42	45714.68	1.91	ppb
Calcium	44-1	43114.57	44311.37	44401.61	43942.52	1.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8.12	8.20	8.05	8.12	0.94	ppb
Cobalt	59-2	0.13	0.13	0.12	0.13	6.91	ppb
Copper	63-2	0.77	0.79	0.77	0.78	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				103		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	430.46	430.48	424.88	428.61	0.75	ppb
Iron	57-2	455.19	457.16	447.89	453.41	1.08	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-16	Instrumnet Name :	P7
Client Sample ID :	MA0AS1	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:42:05	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	448.00	447.64	441.69	445.78	0.80	ppb
Krypton	83-1						cps
Lead	206-1	1.69	1.73	1.69	1.70	1.49	ppb
Lead	207-1	1.41	1.52	1.52	1.48	4.14	ppb
Lead	208-1	1.56	1.61	1.63	1.60	2.30	ppb
Lithium	6-1				94		%
Magnesium	24-2	2990.93	2993.71	2940.84	2975.16	1.00	ppb
Manganese	55-2	8.43	8.37	8.27	8.36	0.99	ppb
Molybdenum	94-1	25.73	26.56	27.04	26.44	2.52	ppb
Molybdenum	95-1	34.24	36.53	36.62	35.80	3.76	ppb
Molybdenum	96-1	33.90	34.48	35.25	34.54	1.96	ppb
Molybdenum	97-1	34.84	34.78	35.06	34.89	0.41	ppb
Molybdenum	98-1	34.15	35.37	36.73	35.42	3.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.01	0.87	0.82	0.90	10.53	ppb
Phosphorus	31-2	261.46	234.48	251.92	249.28	5.49	ppb
Potassium	39-2	3163.02	3152.89	3116.41	3144.11	0.78	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				101		%
Selenium	82-1	0.10	-0.71	-1.14	-0.58		ppb
Selenium	77-2	1.76	0.71	1.40	1.29	41.54	ppb
Selenium	78-2	-0.03	1.16	0.35	0.49	122.73	ppb
Silicon	28-1	13831.15	14189.95	14202.84	14074.65	1.50	ppb
Silver	107-1	0.00	0.01	0.00	0.00	120.23	ppb
Silver	109-1	0.01	0.01	0.02	0.01	37.27	ppb
Sodium	23-2	25112.22	24903.42	24653.07	24889.57	0.92	ppb
Strontium	86-1	10.90	11.39	11.70	11.33	3.56	ppb
Strontium	88-1	10.96	11.40	11.58	11.31	2.80	ppb
Sulfur	34-1	9822.73	10202.74	10344.14	10123.20	2.66	ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	0.00	0.01	0.00	0.00	127.82	ppb
Thallium	205-1	0.00	0.00	-0.01	0.00		ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-16	Instrumnet Name :	P7
Client Sample ID :	MA0AS1	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:42:05	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	2.74	2.80	2.85	2.80	2.07	ppb
Tin	118-1	0.38	0.36	0.42	0.39	6.96	ppb
Titanium	47-1	9.09	8.71	9.94	9.25	6.80	ppb
Uranium	238-1	45.37	47.80	47.76	46.98	2.97	ppb
Vanadium	51-2	6.68	6.80	6.45	6.64	2.70	ppb
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	3.58	3.70	3.47	3.58	3.20	ppb
Zirconium	90-1	1.03	1.04	1.03	1.03	0.59	ppb
Zirconium	91-1	1.00	0.92	1.00	0.97	4.32	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-17	Instrumnet Name :	P7
Client Sample ID :	MA0AS1D	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:45:10	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1221.42	1381.32	1434.44	1345.73	8.24	ppb
Antimony	121-1	0.36	0.41	0.38	0.38	7.15	ppb
Arsenic	75-2	6.69	6.96	6.80	6.82	2.02	ppb
Barium	135-1	16.05	18.63	16.95	17.21	7.60	ppb
Barium	137-1	16.26	18.38	17.17	17.27	6.17	ppb
Beryllium	9-1	0.09	0.11	0.10	0.10	11.77	ppb
Bismuth	209-1				97		%
Bismuth	209-2				99		%
Boron	10-1	27.60	32.14	33.72	31.15	10.20	ppb
Boron	11-1	29.45	33.74	32.71	31.97	7.00	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.00	0.01	-0.02	0.00		ppb
Cadmium	106-1	-1.24	-0.60	-1.36	-1.07		ppb
Cadmium	108-1	0.24	0.37	0.71	0.44	55.07	ppb
Calcium	43-1	43175.92	47285.45	44238.22	44899.86	4.75	ppb
Calcium	44-1	41490.38	45276.55	42695.98	43154.30	4.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7.24	7.38	7.25	7.29	1.09	ppb
Cobalt	59-2	0.10	0.10	0.09	0.10	6.47	ppb
Copper	63-2	0.73	0.76	0.72	0.74	2.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				104		%
Iron	56-2	533.45	578.25	594.29	568.66	5.54	ppb
Iron	57-2	572.83	601.07	629.58	601.16	4.72	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-17	Instrumnet Name :	P7
Client Sample ID :	MA0AS1D	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:45:10	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	547.32	578.51	621.73	582.52	6.41	ppb
Krypton	83-1						cps
Lead	206-1	1.40	1.54	1.42	1.45	5.11	ppb
Lead	207-1	1.24	1.38	1.27	1.30	5.38	ppb
Lead	208-1	1.30	1.46	1.35	1.37	5.82	ppb
Lithium	6-1				94		%
Magnesium	24-2	2772.31	2822.28	2810.22	2801.60	0.93	ppb
Manganese	55-2	8.40	8.78	8.63	8.60	2.19	ppb
Molybdenum	94-1	25.74	28.43	26.63	26.93	5.08	ppb
Molybdenum	95-1	33.83	38.49	35.51	35.94	6.58	ppb
Molybdenum	96-1	32.69	36.99	34.37	34.68	6.26	ppb
Molybdenum	97-1	34.45	38.19	35.52	36.05	5.34	ppb
Molybdenum	98-1	34.03	38.33	35.69	36.02	6.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.64	0.81	0.74	0.73	11.62	ppb
Phosphorus	31-2	221.28	252.53	229.02	234.28	6.95	ppb
Potassium	39-2	2948.25	3038.75	3025.60	3004.20	1.63	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				100		%
Scandium	45-2				105		%
Selenium	82-1	-1.36	-0.40	-2.51	-1.42		ppb
Selenium	77-2	1.03	0.34	0.34	0.57	69.46	ppb
Selenium	78-2	0.34	-0.02	0.79	0.37	108.80	ppb
Silicon	28-1	13265.56	14520.92	13595.15	13793.88	4.72	ppb
Silver	107-1	0.02	0.02	0.01	0.01	19.73	ppb
Silver	109-1	0.01	0.01	0.01	0.01	25.93	ppb
Sodium	23-2	23487.12	24303.98	24349.22	24046.78	2.02	ppb
Strontium	86-1	10.58	11.94	11.01	11.18	6.20	ppb
Strontium	88-1	10.60	11.96	10.96	11.17	6.33	ppb
Sulfur	34-1	9127.28	10957.77	9356.42	9813.83	10.16	ppb
Terbium	159-1				103		%
Terbium	159-2				105		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	0.00	0.00	0.00		ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-17	Instrumnet Name :	P7
Client Sample ID :	MA0AS1D	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:45:10	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	1.61	1.77	1.63	1.67	5.32	ppb
Tin	118-1	0.27	0.32	0.33	0.31	9.62	ppb
Titanium	47-1	15.93	17.59	15.22	16.25	7.47	ppb
Uranium	238-1	44.43	48.72	45.78	46.31	4.73	ppb
Vanadium	51-2	6.39	6.68	6.39	6.49	2.58	ppb
Yttrium	89-1				105		%
Yttrium	89-2				105		%
Zinc	66-2	3.99	3.44	3.99	3.81	8.34	ppb
Zirconium	90-1	1.36	1.46	1.34	1.39	4.55	ppb
Zirconium	91-1	1.20	1.53	1.29	1.34	12.64	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-16LX5	Instrumnet Name :	P7
Client Sample ID :	MA0AS1L	Dilution Factor :	5
Date & Time Acquired ::	2021-05-21 11:48:14	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	150.81	150.40	149.67	150.29	0.39	ppb
Antimony	121-1	0.06	0.07	0.07	0.07	1.67	ppb
Arsenic	75-2	1.36	1.40	1.38	1.38	1.27	ppb
Barium	135-1	2.45	2.59	2.58	2.54	3.20	ppb
Barium	137-1	2.37	2.54	2.53	2.48	3.79	ppb
Beryllium	9-1	0.06	0.04	0.05	0.05	26.71	ppb
Bismuth	209-1				105		%
Bismuth	209-2				101		%
Boron	10-1	8.66	8.69	8.26	8.53	2.77	ppb
Boron	11-1	7.91	9.06	8.94	8.64	7.34	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.01	-0.01	0.02	0.00		ppb
Cadmium	106-1	-0.40	-0.81	0.37	-0.28		ppb
Cadmium	108-1	0.11	0.09	0.06	0.09	26.19	ppb
Calcium	43-1	8841.17	8948.27	9050.53	8946.66	1.17	ppb
Calcium	44-1	8538.66	8756.54	8815.46	8703.55	1.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.57	1.48	1.54	1.53	3.02	ppb
Cobalt	59-2	0.02	0.01	0.01	0.01	24.61	ppb
Copper	63-2	0.17	0.20	0.19	0.19	7.83	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				106		%
Indium	115-1				109		%
Indium	115-2				106		%
Iron	56-2	82.08	81.10	82.36	81.85	0.81	ppb
Iron	57-2	84.65	96.04	85.37	88.69	7.19	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-16LX5	Instrumnet Name :	P7
Client Sample ID :	MA0AS1L	Dilution Factor :	5
Date & Time Acquired ::	2021-05-21 11:48:14	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	87.23	84.28	90.32	87.28	3.46	ppb
Krypton	83-1						cps
Lead	206-1	0.36	0.32	0.39	0.36	10.25	ppb
Lead	207-1	0.27	0.28	0.31	0.29	7.24	ppb
Lead	208-1	0.30	0.31	0.34	0.32	6.43	ppb
Lithium	6-1				98		%
Magnesium	24-2	567.38	574.28	574.33	572.00	0.70	ppb
Manganese	55-2	1.56	1.56	1.59	1.57	1.10	ppb
Molybdenum	94-1	4.99	4.79	5.26	5.01	4.65	ppb
Molybdenum	95-1	6.49	6.80	6.83	6.71	2.76	ppb
Molybdenum	96-1	6.40	6.61	6.69	6.57	2.30	ppb
Molybdenum	97-1	6.67	6.57	6.95	6.73	2.95	ppb
Molybdenum	98-1	6.49	6.77	6.78	6.68	2.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.22	0.11	0.19	0.17	34.30	ppb
Phosphorus	31-2	46.90	50.56	47.62	48.36	4.01	ppb
Potassium	39-2	616.88	635.25	626.97	626.37	1.47	ppb
Rhodium	103-1				109		%
Rhodium	103-2				105		%
Scandium	45-1				105		%
Scandium	45-2				107		%
Selenium	82-1	-0.06	-1.06	-1.32	-0.81		ppb
Selenium	77-2	0.00	0.33	0.34	0.22	86.61	ppb
Selenium	78-2	0.55	0.88	0.06	0.50	83.59	ppb
Silicon	28-1	2617.41	2717.06	2709.74	2681.41	2.07	ppb
Silver	107-1	0.00	0.01	0.00	0.01	71.77	ppb
Silver	109-1	0.00	0.00	0.00	0.00	101.87	ppb
Sodium	23-2	4676.57	4684.29	4680.29	4680.38	0.08	ppb
Strontium	86-1	2.15	2.12	2.16	2.14	0.88	ppb
Strontium	88-1	2.16	2.14	2.16	2.15	0.44	ppb
Sulfur	34-1	1862.58	1829.44	1972.86	1888.30	3.98	ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	-0.02	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-16LX5	Instrumnet Name :	P7
Client Sample ID :	MA0AS1L	Dilution Factor :	5
Date & Time Acquired ::	2021-05-21 11:48:14	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.48	0.48	0.53	0.50	5.16	ppb
Tin	118-1	0.04	0.07	0.08	0.07	31.70	ppb
Titanium	47-1	1.69	1.87	1.82	1.80	5.29	ppb
Uranium	238-1	8.39	8.53	9.00	8.64	3.73	ppb
Vanadium	51-2	1.32	1.18	1.24	1.25	5.63	ppb
Yttrium	89-1				111		%
Yttrium	89-2				106		%
Zinc	66-2	0.99	0.79	0.94	0.91	11.08	ppb
Zirconium	90-1	0.19	0.19	0.16	0.18	7.44	ppb
Zirconium	91-1	0.16	0.14	0.17	0.16	7.80	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-18	Instrumnet Name :	P7
Client Sample ID :	MA0AS1S	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:51:18	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2469.99	2492.12	2511.99	2491.37	0.84	ppb
Antimony	121-1	91.75	94.44	93.54	93.24	1.47	ppb
Arsenic	75-2	48.00	47.70	46.29	47.33	1.92	ppb
Barium	135-1	1947.93	1955.12	1938.73	1947.26	0.42	ppb
Barium	137-1	1933.77	1939.46	1943.52	1938.92	0.25	ppb
Beryllium	9-1	50.92	51.28	52.21	51.47	1.29	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Boron	10-1	30.98	30.41	32.06	31.15	2.68	ppb
Boron	11-1	30.98	33.45	35.53	33.32	6.83	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	50.12	51.57	50.79	50.83	1.42	ppb
Cadmium	106-1	40.07	44.51	38.43	41.00	7.68	ppb
Cadmium	108-1	43.18	45.28	47.43	45.30	4.69	ppb
Calcium	43-1	44263.34	45672.53	45838.17	45258.01	1.91	ppb
Calcium	44-1	42593.91	43825.92	44418.54	43612.79	2.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	208.21	210.17	208.64	209.00	0.49	ppb
Cobalt	59-2	510.60	510.94	509.01	510.18	0.20	ppb
Copper	63-2	261.31	262.98	264.14	262.81	0.54	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				105		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	56-2	1393.74	1390.27	1389.03	1391.01	0.18	ppb
Iron	57-2	1430.91	1426.06	1410.40	1422.46	0.75	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-18	Instrumnet Name :	P7
Client Sample ID :	MA0AS1S	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:51:18	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	1584.22	1575.78	1598.06	1586.02	0.71	ppb
Krypton	83-1						cps
Lead	206-1	21.31	21.85	21.66	21.61	1.25	ppb
Lead	207-1	20.30	20.37	20.56	20.41	0.67	ppb
Lead	208-1	20.69	21.09	21.02	20.93	1.02	ppb
Lithium	6-1				94		%
Magnesium	24-2	2804.25	2777.03	2802.45	2794.58	0.54	ppb
Manganese	55-2	507.03	512.22	510.13	509.80	0.51	ppb
Molybdenum	94-1	26.19	26.93	26.60	26.57	1.39	ppb
Molybdenum	95-1	35.57	35.77	35.05	35.46	1.05	ppb
Molybdenum	96-1	34.16	34.96	34.71	34.61	1.18	ppb
Molybdenum	97-1	35.49	36.09	35.82	35.80	0.83	ppb
Molybdenum	98-1	35.08	36.43	35.50	35.67	1.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	509.48	512.21	508.62	510.11	0.37	ppb
Phosphorus	31-2	240.25	235.28	270.83	248.79	7.74	ppb
Potassium	39-2	3111.21	3112.69	3121.74	3115.21	0.18	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				104		%
Selenium	82-1	100.65	105.01	103.47	103.04	2.14	ppb
Selenium	77-2	88.80	97.37	96.56	94.24	5.02	ppb
Selenium	78-2	101.72	104.54	104.77	103.68	1.64	ppb
Silicon	28-1	12923.77	13242.83	13170.07	13112.22	1.28	ppb
Silver	107-1	49.34	50.79	50.49	50.21	1.53	ppb
Silver	109-1	49.63	50.42	50.09	50.05	0.79	ppb
Sodium	23-2	24693.54	25108.96	24944.85	24915.78	0.84	ppb
Strontium	86-1	11.02	11.31	11.02	11.12	1.50	ppb
Strontium	88-1	10.97	11.35	11.16	11.16	1.71	ppb
Sulfur	34-1	10200.61	10188.59	9649.27	10012.82	3.15	ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	49.57	51.08	51.29	50.65	1.85	ppb
Thallium	205-1	49.77	50.92	50.25	50.31	1.15	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-18	Instrumnet Name :	P7
Client Sample ID :	MA0AS1S	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:51:18	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	1.69	1.72	1.68	1.70	1.31	ppb
Tin	118-1	0.58	0.60	0.59	0.59	1.31	ppb
Titanium	47-1	11.02	11.41	12.15	11.53	5.01	ppb
Uranium	238-1	46.32	46.85	46.72	46.63	0.59	ppb
Vanadium	51-2	503.09	505.31	504.43	504.28	0.22	ppb
Yttrium	89-1				106		%
Yttrium	89-2				104		%
Zinc	66-2	517.73	527.01	520.10	521.61	0.92	ppb
Zirconium	90-1	0.84	0.88	0.84	0.85	2.65	ppb
Zirconium	91-1	0.86	0.97	0.80	0.88	9.72	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-19	Instrumnet Name :	P7
Client Sample ID :	MA0AS5	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:54:22	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13.85	10.65	9.94	11.48	18.15	ppb
Antimony	121-1	0.42	0.41	0.37	0.40	5.87	ppb
Arsenic	75-2	12.00	11.92	11.85	11.92	0.65	ppb
Barium	135-1	16.42	16.63	15.92	16.32	2.25	ppb
Barium	137-1	16.23	16.69	15.59	16.17	3.43	ppb
Beryllium	9-1	0.09	0.04	0.05	0.06	38.93	ppb
Bismuth	209-1				96		%
Bismuth	209-2				97		%
Boron	10-1	47.25	46.33	48.36	47.31	2.15	ppb
Boron	11-1	45.31	49.25	50.59	48.38	5.68	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.10	0.01	0.04	0.05	92.84	ppb
Cadmium	106-1	-0.11	-2.80	-0.72	-1.21		ppb
Cadmium	108-1	0.55	0.65	0.76	0.65	16.06	ppb
Calcium	43-1	44954.76	45524.50	45788.36	45422.54	0.94	ppb
Calcium	44-1	43642.02	43139.23	43420.17	43400.47	0.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.53	0.45	0.54	0.51	10.47	ppb
Cobalt	59-2	0.19	0.17	0.15	0.17	11.63	ppb
Copper	63-2	0.29	0.26	0.27	0.27	5.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	56-2	176.34	173.11	174.23	174.56	0.94	ppb
Iron	57-2	195.84	204.40	194.29	198.18	2.75	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-19	Instrumnet Name :	P7
Client Sample ID :	MA0AS5	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:54:22	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	178.18	185.78	182.57	182.18	2.09	ppb
Krypton	83-1						cps
Lead	206-1	0.12	0.12	0.13	0.12	7.12	ppb
Lead	207-1	0.11	0.10	0.05	0.09	33.05	ppb
Lead	208-1	0.13	0.12	0.11	0.12	8.38	ppb
Lithium	6-1				93		%
Magnesium	24-2	2969.93	2952.93	2945.99	2956.29	0.42	ppb
Manganese	55-2	72.35	71.40	71.27	71.68	0.82	ppb
Molybdenum	94-1	65.54	66.77	66.24	66.18	0.94	ppb
Molybdenum	95-1	92.56	94.92	92.93	93.47	1.36	ppb
Molybdenum	96-1	89.06	91.89	89.18	90.04	1.78	ppb
Molybdenum	97-1	91.44	94.17	91.79	92.47	1.61	ppb
Molybdenum	98-1	92.34	94.11	92.65	93.04	1.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.65	0.54	0.57	0.59	9.69	ppb
Phosphorus	31-2	389.01	409.42	363.06	387.16	6.00	ppb
Potassium	39-2	3653.90	3639.45	3626.52	3639.96	0.38	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				105		%
Selenium	82-1	-2.32	-1.45	-0.64	-1.47		ppb
Selenium	77-2	0.00	0.34	0.34	0.23	86.60	ppb
Selenium	78-2	0.59	-0.36	-0.20	0.01	4507.63	ppb
Silicon	28-1	9359.93	9349.60	9663.99	9457.84	1.89	ppb
Silver	107-1	0.08	0.08	0.05	0.07	22.48	ppb
Silver	109-1	0.08	0.06	0.05	0.06	27.75	ppb
Sodium	23-2	113552.79	113174.20	113391.90	113372.97	0.17	ppb
Strontium	86-1	12.38	12.60	12.35	12.44	1.09	ppb
Strontium	88-1	12.26	12.61	12.53	12.47	1.50	ppb
Sulfur	34-1	74067.21	74686.31	75697.04	74816.85	1.10	ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.05	0.03	0.01	0.03	61.90	ppb
Thallium	205-1	0.06	0.04	0.01	0.04	65.77	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-19	Instrumnet Name :	P7
Client Sample ID :	MA0AS5	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:54:22	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.02	0.01	0.01	0.01	24.25	ppb
Tin	118-1	0.76	0.82	0.81	0.80	4.22	ppb
Titanium	47-1	1.14	1.15	0.98	1.09	8.94	ppb
Uranium	238-1	80.80	81.54	81.99	81.44	0.74	ppb
Vanadium	51-2	1.09	1.06	1.05	1.07	2.10	ppb
Yttrium	89-1				105		%
Yttrium	89-2				104		%
Zinc	66-2	1.29	1.28	1.20	1.26	3.86	ppb
Zirconium	90-1	0.04	0.02	0.04	0.03	34.82	ppb
Zirconium	91-1	0.04	0.03	0.02	0.03	37.95	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-20	Instrumnet Name :	P7
Client Sample ID :	MA0AS7	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:57:26	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.72	6.49	6.51	6.58	1.95	ppb
Antimony	121-1	0.45	0.46	0.39	0.43	9.70	ppb
Arsenic	75-2	3.38	3.44	3.25	3.36	2.92	ppb
Barium	135-1	6.60	7.49	6.56	6.88	7.64	ppb
Barium	137-1	6.63	7.08	6.88	6.87	3.27	ppb
Beryllium	9-1	0.00	0.02	0.01	0.01	67.59	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Boron	10-1	42.44	48.35	49.43	46.74	8.05	ppb
Boron	11-1	43.23	48.48	50.55	47.42	7.96	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.01	-0.03	0.00	-0.01		ppb
Cadmium	106-1	-0.97	-1.84	-0.76	-1.19		ppb
Cadmium	108-1	0.44	0.40	0.51	0.45	12.29	ppb
Calcium	43-1	56442.95	60386.74	59969.73	58933.14	3.68	ppb
Calcium	44-1	54229.20	57519.77	57580.18	56443.05	3.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.77	0.73	0.77	0.75	3.22	ppb
Cobalt	59-2	0.02	0.02	0.02	0.02	20.23	ppb
Copper	63-2	0.60	0.60	0.58	0.59	2.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				105		%
Indium	115-1				107		%
Indium	115-2				103		%
Iron	56-2	2.32	2.26	2.28	2.29	1.20	ppb
Iron	57-2	30.82	32.10	30.95	31.29	2.25	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-20	Instrumnet Name :	P7
Client Sample ID :	MA0AS7	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:57:26	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	3.52	6.33	4.12	4.66	31.77	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.08	0.07	0.07	14.83	ppb
Lead	207-1	0.03	0.06	0.06	0.05	37.59	ppb
Lead	208-1	0.04	0.07	0.07	0.06	27.24	ppb
Lithium	6-1				95		%
Magnesium	24-2	3218.05	3203.47	3217.61	3213.04	0.26	ppb
Manganese	55-2	4.30	4.09	4.20	4.20	2.52	ppb
Molybdenum	94-1	25.99	27.72	28.42	27.38	4.57	ppb
Molybdenum	95-1	36.22	39.19	39.88	38.43	5.06	ppb
Molybdenum	96-1	35.76	37.58	38.08	37.14	3.29	ppb
Molybdenum	97-1	36.64	39.85	39.58	38.69	4.60	ppb
Molybdenum	98-1	36.78	39.69	39.90	38.79	4.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.16	0.16	0.15	0.16	3.06	ppb
Phosphorus	31-2	163.79	145.08	193.11	167.33	14.47	ppb
Potassium	39-2	1950.47	1950.71	1963.46	1954.88	0.38	ppb
Rhodium	103-1				105		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				104		%
Selenium	82-1	-1.91	-2.78	-0.31	-1.67		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.15	-0.15	-0.07	-0.02		ppb
Silicon	28-1	9835.09	10495.21	10492.53	10274.28	3.70	ppb
Silver	107-1	0.01	0.01	0.00	0.01	46.55	ppb
Silver	109-1	0.02	0.02	0.02	0.02	3.90	ppb
Sodium	23-2	25772.01	26256.09	26053.29	26027.13	0.93	ppb
Strontium	86-1	12.07	12.93	13.07	12.69	4.25	ppb
Strontium	88-1	12.07	12.85	13.11	12.68	4.27	ppb
Sulfur	34-1	11479.96	12629.44	12535.62	12215.00	5.23	ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.02	0.01	0.02	0.02	51.81	ppb
Thallium	205-1	0.01	0.01	0.00	0.00	77.93	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-20	Instrumnet Name :	P7
Client Sample ID :	MA0AS7	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:57:26	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	89.05	ppb
Tin	118-1	0.13	0.19	0.16	0.16	16.82	ppb
Titanium	47-1	0.52	0.79	0.62	0.64	21.08	ppb
Uranium	238-1	94.83	102.58	102.96	100.12	4.58	ppb
Vanadium	51-2	1.24	1.12	1.19	1.18	4.99	ppb
Yttrium	89-1				107		%
Yttrium	89-2				104		%
Zinc	66-2	1.82	1.68	1.96	1.82	7.64	ppb
Zirconium	90-1	0.02	0.03	0.01	0.02	52.95	ppb
Zirconium	91-1	-0.01	0.05	0.01	0.02	210.55	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-21	Instrumnet Name :	P7
Client Sample ID :	MA0AX1	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 12:00:31	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.15	1.66	1.49	1.43	18.11	ppb
Antimony	121-1	0.12	0.14	0.16	0.14	16.09	ppb
Arsenic	75-2	0.00	0.02	-0.01	0.01	272.74	ppb
Barium	135-1	16.39	16.19	16.32	16.30	0.62	ppb
Barium	137-1	16.38	17.04	16.60	16.67	2.02	ppb
Beryllium	9-1	0.08	0.07	0.10	0.08	18.97	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Boron	10-1	22.07	24.83	25.06	23.98	6.94	ppb
Boron	11-1	23.37	25.96	25.31	24.88	5.41	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.03	0.01	-0.01	0.01	259.97	ppb
Cadmium	106-1	-0.35	-1.72	-1.72	-1.26		ppb
Cadmium	108-1	0.01	-0.02	-0.02	-0.01		ppb
Calcium	43-1	12191.63	12401.32	12546.37	12379.77	1.44	ppb
Calcium	44-1	12029.18	12237.56	12313.76	12193.50	1.21	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.54	0.58	0.48	0.53	9.87	ppb
Cobalt	59-2	0.04	0.03	0.02	0.03	28.47	ppb
Copper	63-2	238.64	236.08	238.49	237.74	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				104		%
Holmium	165-2				103		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	56-2	11.86	11.98	12.71	12.18	3.77	ppb
Iron	57-2	14.71	21.44	18.32	18.16	18.55	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-21	Instrumnet Name :	P7
Client Sample ID :	MA0AX1	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 12:00:31	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	15.27	13.46	14.90	14.54	6.55	ppb
Krypton	83-1						cps
Lead	206-1	2.83	2.79	2.87	2.83	1.49	ppb
Lead	207-1	2.52	2.58	2.60	2.56	1.49	ppb
Lead	208-1	2.63	2.69	2.70	2.67	1.55	ppb
Lithium	6-1				93		%
Magnesium	24-2	2868.24	2855.79	2843.28	2855.77	0.44	ppb
Manganese	55-2	11.52	11.58	11.50	11.53	0.38	ppb
Molybdenum	94-1	0.02	0.02	0.00	0.01	66.39	ppb
Molybdenum	95-1	0.08	0.04	0.02	0.05	67.68	ppb
Molybdenum	96-1	0.05	0.06	0.05	0.05	15.48	ppb
Molybdenum	97-1	0.09	0.08	0.07	0.08	11.06	ppb
Molybdenum	98-1	0.07	0.05	0.04	0.05	29.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.71	4.67	4.81	4.73	1.49	ppb
Phosphorus	31-2	-2.34	3.51	-6.98	-1.94		ppb
Potassium	39-2	1308.01	1295.26	1300.54	1301.27	0.49	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	82-1	-1.92	-0.71	-3.20	-1.94		ppb
Selenium	77-2	0.00	0.35	0.00	0.12	173.21	ppb
Selenium	78-2	-0.03	1.20	0.76	0.64	97.10	ppb
Silicon	28-1	8071.98	8254.83	8323.18	8216.66	1.58	ppb
Silver	107-1	0.01	0.01	0.01	0.01	24.53	ppb
Silver	109-1	0.01	0.02	0.01	0.01	44.44	ppb
Sodium	23-2	8772.11	8707.84	8641.31	8707.08	0.75	ppb
Strontium	86-1	4.82	5.01	5.05	4.96	2.48	ppb
Strontium	88-1	4.95	5.13	5.10	5.06	1.94	ppb
Sulfur	34-1	2776.03	2521.26	2569.58	2622.29	5.16	ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	-0.02	0.00	-0.01	-0.01		ppb
Thallium	205-1	0.00	-0.01	-0.01	-0.01		ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-21	Instrumnet Name :	P7
Client Sample ID :	MA0AX1	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 12:00:31	DataFile Name :	073SMPL.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	0.09	0.08	0.09	0.09	8.98	ppb
Titanium	47-1	0.60	0.71	0.67	0.66	7.91	ppb
Uranium	238-1	1.68	1.70	1.69	1.69	0.63	ppb
Vanadium	51-2	0.07	0.06	0.06	0.06	7.11	ppb
Yttrium	89-1				106		%
Yttrium	89-2				103		%
Zinc	66-2	166.59	167.18	167.10	166.95	0.19	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	313.38	ppb
Zirconium	91-1	0.02	0.02	-0.01	0.01	121.97	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-05DLX2	Instrumnet Name :	P7
Client Sample ID :	MA0AY8DL	Dilution Factor :	2
Date & Time Acquired ::	2021-05-21 12:03:36	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11883.14	11862.86	11840.44	11862.15	0.18	ppb
Antimony	121-1	10.09	10.68	10.38	10.38	2.86	ppb
Arsenic	75-2	4.57	4.35	4.28	4.40	3.38	ppb
Barium	135-1	375.86	392.51	384.73	384.37	2.17	ppb
Barium	137-1	375.45	392.36	387.71	385.17	2.27	ppb
Beryllium	9-1	0.74	0.79	0.80	0.78	4.10	ppb
Bismuth	209-1				105		%
Bismuth	209-2				100		%
Boron	10-1	37.59	42.16	41.86	40.54	6.31	ppb
Boron	11-1	38.34	40.18	42.09	40.20	4.66	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.67	0.70	0.77	0.71	6.81	ppb
Cadmium	106-1	3.77	2.24	2.66	2.89	27.30	ppb
Cadmium	108-1	2.07	2.18	2.05	2.10	3.30	ppb
Calcium	43-1	482372.47	499983.55	495335.88	492563.97	1.85	ppb
Calcium	44-1	481058.94	491306.40	491370.17	487911.84	1.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	623.35	620.45	615.63	619.81	0.63	ppb
Cobalt	59-2	4.52	4.39	4.43	4.44	1.46	ppb
Copper	63-2	41.20	41.90	40.99	41.36	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				111		%
Holmium	165-2				113		%
Indium	115-1				109		%
Indium	115-2				109		%
Iron	56-2	9440.79	9443.65	9252.15	9378.86	1.17	ppb
Iron	57-2	9535.76	9710.37	9535.99	9594.04	1.05	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-05DLX2	Instrumnet Name :	P7
Client Sample ID :	MA0AY8DL	Dilution Factor :	2
Date & Time Acquired ::	2021-05-21 12:03:36	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	10082.66	9878.87	9935.61	9965.71	1.06	ppb
Krypton	83-1						cps
Lead	206-1	6.03	5.66	5.74	5.81	3.34	ppb
Lead	207-1	5.27	5.07	5.12	5.15	1.98	ppb
Lead	208-1	5.65	5.35	5.43	5.48	2.91	ppb
Lithium	6-1				100		%
Magnesium	24-2	7664.83	7658.18	7544.66	7622.56	0.89	ppb
Manganese	55-2	359.14	355.83	353.81	356.26	0.75	ppb
Molybdenum	94-1	25.49	26.88	26.60	26.32	2.81	ppb
Molybdenum	95-1	8.16	8.47	8.41	8.35	1.98	ppb
Molybdenum	96-1	10.37	10.52	10.75	10.55	1.84	ppb
Molybdenum	97-1	8.10	8.60	8.62	8.44	3.47	ppb
Molybdenum	98-1	8.13	8.43	8.44	8.33	2.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	44.95	44.53	44.06	44.52	1.00	ppb
Phosphorus	31-2	219.01	201.74	186.87	202.54	7.94	ppb
Potassium	39-2	11539.50	11651.01	11436.43	11542.32	0.93	ppb
Rhodium	103-1				106		%
Rhodium	103-2				105		%
Scandium	45-1				108		%
Scandium	45-2				113		%
Selenium	82-1	-6.55	-6.25	-5.84	-6.21		ppb
Selenium	77-2	3.52	3.17	3.11	3.27	6.73	ppb
Selenium	78-2	0.39	0.14	-0.17	0.12	235.29	ppb
Silicon	28-1	33506.29	34867.51	34354.81	34242.87	2.01	ppb
Silver	107-1	0.17	0.19	0.20	0.19	8.94	ppb
Silver	109-1	0.16	0.16	0.19	0.17	11.67	ppb
Sodium	23-2	81167.20	80856.48	78920.78	80314.82	1.52	ppb
Strontium	86-1	161.85	169.64	167.08	166.19	2.39	ppb
Strontium	88-1	168.37	176.37	171.84	172.20	2.33	ppb
Sulfur	34-1	12594.68	13387.85	13367.01	13116.51	3.45	ppb
Terbium	159-1				110		%
Terbium	159-2				112		%
Thallium	203-1	0.09	0.08	0.06	0.07	19.83	ppb
Thallium	205-1	0.07	0.08	0.07	0.07	11.17	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-05DLX2	Instrumnet Name :	P7
Client Sample ID :	MA0AY8DL	Dilution Factor :	2
Date & Time Acquired ::	2021-05-21 12:03:36	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	3.15	2.98	3.02	3.05	2.97	ppb
Tin	118-1	3.51	3.76	3.66	3.64	3.39	ppb
Titanium	47-1	429.49	438.95	441.84	436.76	1.48	ppb
Uranium	238-1	1.44	1.35	1.38	1.39	3.42	ppb
Vanadium	51-2	24.21	24.15	23.67	24.01	1.23	ppb
Yttrium	89-1				114		%
Yttrium	89-2				113		%
Zinc	66-2	150.00	147.10	147.39	148.16	1.08	ppb
Zirconium	90-1	13.68	14.12	14.31	14.04	2.30	ppb
Zirconium	91-1	13.98	14.40	14.39	14.25	1.68	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-07DLX2	Instrumnet Name :	P7
Client Sample ID :	MA0AZ2DL	Dilution Factor :	2
Date & Time Acquired ::	2021-05-21 12:06:40	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4564.62	4489.28	4549.66	4534.52	0.88	ppb
Antimony	121-1	1.04	1.02	1.07	1.04	2.52	ppb
Arsenic	75-2	3.64	3.50	3.72	3.62	3.06	ppb
Barium	135-1	158.67	160.73	165.50	161.63	2.17	ppb
Barium	137-1	158.23	159.38	166.64	161.42	2.82	ppb
Beryllium	9-1	0.08	0.09	0.15	0.11	32.10	ppb
Bismuth	209-1				94		%
Bismuth	209-2				96		%
Boron	10-1	55.54	62.76	62.76	60.35	6.91	ppb
Boron	11-1	58.97	59.51	63.06	60.51	3.67	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.06	0.03	0.16	0.09	78.00	ppb
Cadmium	106-1	0.24	-0.78	2.64	0.70	250.45	ppb
Cadmium	108-1	0.56	0.65	0.67	0.63	9.17	ppb
Calcium	43-1	88369.30	88795.93	90335.05	89166.76	1.16	ppb
Calcium	44-1	85645.80	84156.82	87001.03	85601.22	1.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	338.43	336.35	338.04	337.61	0.33	ppb
Cobalt	59-2	4.62	4.42	4.54	4.53	2.20	ppb
Copper	63-2	23.04	23.12	23.34	23.17	0.68	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				107		%
Holmium	165-2				109		%
Indium	115-1				105		%
Indium	115-2				105		%
Iron	56-2	3183.08	3228.13	3123.42	3178.21	1.65	ppb
Iron	57-2	3204.73	3197.80	3194.92	3199.15	0.16	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-07DLX2	Instrumnet Name :	P7
Client Sample ID :	MA0AZ2DL	Dilution Factor :	2
Date & Time Acquired ::	2021-05-21 12:06:40	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	3456.06	3418.58	3461.31	3445.32	0.68	ppb
Krypton	83-1						cps
Lead	206-1	1.88	1.84	1.92	1.88	2.18	ppb
Lead	207-1	1.65	1.69	1.64	1.66	1.43	ppb
Lead	208-1	1.73	1.75	1.77	1.75	1.27	ppb
Lithium	6-1				107		%
Magnesium	24-2	1467.26	1485.49	1479.11	1477.29	0.63	ppb
Manganese	55-2	79.22	79.07	78.54	78.94	0.45	ppb
Molybdenum	94-1	20.94	20.95	21.57	21.15	1.71	ppb
Molybdenum	95-1	19.73	20.41	20.90	20.34	2.87	ppb
Molybdenum	96-1	20.15	20.64	20.63	20.48	1.36	ppb
Molybdenum	97-1	20.56	20.75	21.01	20.77	1.07	ppb
Molybdenum	98-1	20.17	20.12	21.19	20.49	2.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	39.40	38.56	39.28	39.08	1.17	ppb
Phosphorus	31-2	106.37	70.66	77.94	84.99	22.20	ppb
Potassium	39-2	185469.39	184633.48	182774.95	184292.61	0.75	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				110		%
Selenium	82-1	-19.33	-17.69	-16.94	-17.99		ppb
Selenium	77-2	1.33	3.26	1.33	1.97	56.41	ppb
Selenium	78-2	2.43	1.09	0.51	1.34	73.45	ppb
Silicon	28-1	11422.26	11439.45	11409.97	11423.89	0.13	ppb
Silver	107-1	0.02	0.03	0.02	0.02	14.12	ppb
Silver	109-1	0.03	0.02	0.02	0.02	26.58	ppb
Sodium	23-2	414763.72	419482.95	413399.65	415882.11	0.77	ppb
Strontium	86-1	430.90	429.48	436.00	432.13	0.79	ppb
Strontium	88-1	426.07	428.81	440.55	431.81	1.78	ppb
Sulfur	34-1	79826.90	80723.90	81140.92	80563.91	0.83	ppb
Terbium	159-1				106		%
Terbium	159-2				109		%
Thallium	203-1	0.01	0.00	0.02	0.01	76.82	ppb
Thallium	205-1	0.03	0.01	0.02	0.02	33.02	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-07DLX2	Instrumnet Name :	P7
Client Sample ID :	MA0AZ2DL	Dilution Factor :	2
Date & Time Acquired ::	2021-05-21 12:06:40	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.38	0.39	0.41	0.39	3.56	ppb
Tin	118-1	1.77	1.90	1.87	1.85	3.64	ppb
Titanium	47-1	87.36	87.62	87.24	87.41	0.23	ppb
Uranium	238-1	1.35	1.43	1.43	1.40	3.25	ppb
Vanadium	51-2	31.61	31.70	31.40	31.57	0.48	ppb
Yttrium	89-1				108		%
Yttrium	89-2				109		%
Zinc	66-2	35.84	36.92	36.84	36.53	1.65	ppb
Zirconium	90-1	4.49	4.44	4.57	4.50	1.42	ppb
Zirconium	91-1	4.43	4.66	4.69	4.59	3.17	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-05DLX5	Instrumnet Name :	P7
Client Sample ID :	MA0AY9DL	Dilution Factor :	5
Date & Time Acquired ::	2021-05-21 12:09:45	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	379.82	355.24	367.84	367.63	3.34	ppb
Antimony	121-1	1.45	1.46	1.56	1.49	4.12	ppb
Arsenic	75-2	0.06	0.07	0.08	0.07	9.48	ppb
Barium	135-1	26.94	27.11	26.54	26.86	1.10	ppb
Barium	137-1	26.67	27.24	27.10	27.00	1.11	ppb
Beryllium	9-1	0.03	0.02	0.00	0.01	80.53	ppb
Bismuth	209-1				111		%
Bismuth	209-2				103		%
Boron	10-1	6.16	7.26	7.46	6.96	10.10	ppb
Boron	11-1	7.62	7.25	7.92	7.59	4.38	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.01	0.00	0.00	-0.01		ppb
Cadmium	106-1	-1.16	-0.68	-1.01	-0.95		ppb
Cadmium	108-1	-0.09	-0.06	-0.18	-0.11		ppb
Calcium	43-1	26895.64	27164.02	27891.79	27317.15	1.89	ppb
Calcium	44-1	25695.08	25879.58	26541.93	26038.86	1.71	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	390.47	389.66	384.19	388.11	0.88	ppb
Cobalt	59-2	0.04	0.03	0.06	0.04	26.02	ppb
Copper	63-2	2.68	2.66	2.67	2.67	0.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				111		%
Indium	115-1				112		%
Indium	115-2				109		%
Iron	56-2	7.92	7.85	11.72	9.16	24.19	ppb
Iron	57-2	20.46	22.33	26.28	23.03	12.91	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-05DLX5	Instrumnet Name :	P7
Client Sample ID :	MA0AY9DL	Dilution Factor :	5
Date & Time Acquired ::	2021-05-21 12:09:45	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	275.50	277.48	274.81	275.93	0.50	ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.12	0.11	0.10	22.82	ppb
Lead	207-1	0.08	0.11	0.09	0.09	14.22	ppb
Lead	208-1	0.08	0.10	0.10	0.09	12.66	ppb
Lithium	6-1				102		%
Magnesium	24-2	2.24	3.43	4.95	3.54	38.41	ppb
Manganese	55-2	0.24	0.28	0.38	0.30	23.90	ppb
Molybdenum	94-1	1.83	1.73	1.66	1.74	5.12	ppb
Molybdenum	95-1	2.65	2.53	2.51	2.56	2.92	ppb
Molybdenum	96-1	2.29	2.45	2.34	2.36	3.41	ppb
Molybdenum	97-1	2.40	2.46	2.49	2.45	1.91	ppb
Molybdenum	98-1	2.41	2.35	2.42	2.40	1.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.76	0.59	0.70	0.68	12.81	ppb
Phosphorus	31-2	0.10	-10.67	-7.96	-6.18		ppb
Potassium	39-2	2489.75	2475.13	2531.50	2498.79	1.17	ppb
Rhodium	103-1				110		%
Rhodium	103-2				108		%
Scandium	45-1				107		%
Scandium	45-2				111		%
Selenium	82-1	-3.17	-1.82	-1.88	-2.29		ppb
Selenium	77-2	0.33	0.00	0.00	0.11	173.21	ppb
Selenium	78-2	0.04	-0.35	-0.14	-0.15		ppb
Silicon	28-1	1184.27	1191.11	1199.21	1191.53	0.63	ppb
Silver	107-1	0.01	0.00	0.00	0.00	206.83	ppb
Silver	109-1	0.00	0.00	0.00	0.00	97.64	ppb
Sodium	23-2	39047.66	40119.28	39987.32	39718.09	1.47	ppb
Strontium	86-1	27.31	27.70	27.36	27.46	0.78	ppb
Strontium	88-1	26.88	27.39	27.13	27.13	0.94	ppb
Sulfur	34-1	9416.03	9733.21	9890.78	9680.01	2.50	ppb
Terbium	159-1				111		%
Terbium	159-2				111		%
Thallium	203-1	-0.01	-0.02	-0.02	-0.01		ppb
Thallium	205-1	-0.02	-0.01	-0.01	-0.01		ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-05DLX5	Instrumnet Name :	P7
Client Sample ID :	MA0AY9DL	Dilution Factor :	5
Date & Time Acquired ::	2021-05-21 12:09:45	DataFile Name :	076SMPL.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	0.23	0.24	0.28	0.25	11.04	ppb
Titanium	47-1	0.22	0.38	0.25	0.28	30.18	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	33.99	ppb
Vanadium	51-2	2.34	2.33	2.26	2.31	1.74	ppb
Yttrium	89-1				112		%
Yttrium	89-2				110		%
Zinc	66-2	2.22	2.37	2.22	2.27	3.77	ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	92.76	ppb
Zirconium	91-1	0.00	0.02	0.03	0.02	81.26	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-07DLX2	Instrumnet Name :	P7
Client Sample ID :	MA0AZ3DL	Dilution Factor :	2
Date & Time Acquired ::	2021-05-21 12:12:49	DataFile Name :	077SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	939.41	936.42	949.03	941.62	0.70	ppb
Antimony	121-1	0.30	0.36	0.36	0.34	9.99	ppb
Arsenic	75-2	1.21	1.07	1.17	1.15	6.16	ppb
Barium	135-1	120.84	124.02	124.15	123.00	1.53	ppb
Barium	137-1	121.04	123.78	123.02	122.62	1.16	ppb
Beryllium	9-1	0.01	0.00	-0.01	0.00	1005.54	ppb
Bismuth	209-1				94		%
Bismuth	209-2				96		%
Boron	10-1	43.83	50.64	50.29	48.25	7.95	ppb
Boron	11-1	45.82	47.73	48.43	47.33	2.86	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.06	0.03	0.00	0.03	103.89	ppb
Cadmium	106-1	1.38	-0.36	-1.84	-0.27		ppb
Cadmium	108-1	0.49	0.01	-0.03	0.16	182.59	ppb
Calcium	43-1	48456.63	48549.60	49302.67	48769.63	0.95	ppb
Calcium	44-1	46370.82	46193.57	46527.07	46363.82	0.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.85	2.80	2.82	2.82	0.84	ppb
Cobalt	59-2	2.69	2.60	2.61	2.63	1.83	ppb
Copper	63-2	10.85	10.70	10.65	10.73	0.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				110		%
Indium	115-1				104		%
Indium	115-2				106		%
Iron	56-2	15.54	15.82	15.46	15.61	1.18	ppb
Iron	57-2	38.23	40.40	41.90	40.18	4.59	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-07DLX2	Instrumnet Name :	P7
Client Sample ID :	MA0AZ3DL	Dilution Factor :	2
Date & Time Acquired ::	2021-05-21 12:12:49	DataFile Name :	077SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	20.86	20.22	16.57	19.22	12.03	ppb
Krypton	83-1						cps
Lead	206-1	0.54	0.54	0.54	0.54	0.68	ppb
Lead	207-1	0.45	0.54	0.47	0.49	10.04	ppb
Lead	208-1	0.51	0.52	0.52	0.51	1.09	ppb
Lithium	6-1				109		%
Magnesium	24-2	1.69	2.06	2.72	2.16	24.10	ppb
Manganese	55-2	0.50	0.53	0.54	0.52	3.46	ppb
Molybdenum	94-1	15.19	15.07	14.67	14.98	1.82	ppb
Molybdenum	95-1	20.82	21.51	20.80	21.04	1.92	ppb
Molybdenum	96-1	19.87	20.28	20.60	20.25	1.80	ppb
Molybdenum	97-1	20.93	21.43	21.08	21.15	1.21	ppb
Molybdenum	98-1	20.46	21.17	20.83	20.82	1.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	31.74	32.69	32.34	32.26	1.48	ppb
Phosphorus	31-2	-7.14	-8.38	-7.47	-7.66		ppb
Potassium	39-2	175144.50	176008.49	176714.55	175955.85	0.45	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				110		%
Selenium	82-1	-15.59	-17.38	-15.95	-16.31		ppb
Selenium	77-2	0.33	0.66	0.33	0.44	43.68	ppb
Selenium	78-2	0.12	1.18	0.55	0.62	86.48	ppb
Silicon	28-1	2973.68	2985.70	2966.52	2975.30	0.33	ppb
Silver	107-1	0.00	0.01	0.01	0.00	53.03	ppb
Silver	109-1	0.00	0.00	0.01	0.00	102.36	ppb
Sodium	23-2	397994.09	399778.70	400721.31	399498.03	0.35	ppb
Strontium	86-1	392.66	398.49	399.35	396.84	0.92	ppb
Strontium	88-1	392.56	397.55	400.87	396.99	1.05	ppb
Sulfur	34-1	76683.78	76455.43	77571.82	76903.68	0.77	ppb
Terbium	159-1				105		%
Terbium	159-2				109		%
Thallium	203-1	0.01	0.00	0.00	0.00	287.87	ppb
Thallium	205-1	0.01	0.00	0.00	0.00	28.46	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-07DLX2	Instrumnet Name :	P7
Client Sample ID :	MA0AZ3DL	Dilution Factor :	2
Date & Time Acquired ::	2021-05-21 12:12:49	DataFile Name :	077SMPL.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	0.31	0.29	0.35	0.32	9.06	ppb
Titanium	47-1	0.36	0.46	0.31	0.38	19.86	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	18.12	ppb
Vanadium	51-2	16.67	17.16	16.94	16.92	1.45	ppb
Yttrium	89-1				109		%
Yttrium	89-2				109		%
Zinc	66-2	2.25	2.15	2.13	2.17	3.05	ppb
Zirconium	90-1	0.01	0.04	0.03	0.03	48.79	ppb
Zirconium	91-1	0.05	0.06	0.04	0.05	23.11	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	CCV03	Instrumnet Name :	P7
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 12:15:54	DataFile Name :	078CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47550.99	47363.87	47441.64	47452.17	0.20	ppb
Antimony	121-1	501.70	514.94	526.29	514.31	2.39	ppb
Arsenic	75-2	476.97	474.18	475.29	475.48	0.30	ppb
Barium	135-1	2256.76	2317.59	2361.06	2311.80	2.27	ppb
Barium	137-1	2349.04	2373.45	2466.89	2396.46	2.60	ppb
Beryllium	9-1	472.80	482.75	485.34	480.30	1.38	ppb
Bismuth	209-1				94		%
Bismuth	209-2				93		%
Boron	10-1	430.54	453.68	477.97	454.06	5.22	ppb
Boron	11-1	438.25	458.39	468.85	455.16	3.42	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	511.69	531.68	538.67	527.34	2.66	ppb
Cadmium	106-1	521.75	530.50	533.46	528.57	1.15	ppb
Cadmium	108-1	516.90	532.22	542.77	530.63	2.45	ppb
Calcium	43-1	246239.59	251302.23	254985.83	250842.55	1.75	ppb
Calcium	44-1	240029.11	243051.39	247802.98	243627.82	1.61	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	477.98	474.74	473.04	475.25	0.53	ppb
Cobalt	59-2	465.41	466.79	465.23	465.81	0.18	ppb
Copper	63-2	4760.31	4713.37	4688.35	4720.68	0.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	56-2	121113.49	120338.49	120222.75	120558.24	0.40	ppb
Iron	57-2	120932.27	121896.40	120492.11	121106.93	0.59	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	CCV03	Instrumnet Name :	P7
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 12:15:54	DataFile Name :	078CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	122921.93	122771.45	121273.79	122322.39	0.74	ppb
Krypton	83-1						cps
Lead	206-1	2431.98	2471.23	2510.39	2471.20	1.59	ppb
Lead	207-1	2416.75	2499.65	2513.44	2476.61	2.11	ppb
Lead	208-1	2395.59	2460.19	2516.00	2457.26	2.45	ppb
Lithium	6-1				100		%
Magnesium	24-2	243680.35	244171.07	243983.32	243944.92	0.10	ppb
Manganese	55-2	4968.35	4945.59	4933.37	4949.11	0.36	ppb
Molybdenum	94-1	2339.43	2359.28	2441.00	2379.90	2.26	ppb
Molybdenum	95-1	2305.78	2340.96	2445.69	2364.14	3.08	ppb
Molybdenum	96-1	2299.18	2369.20	2444.26	2370.88	3.06	ppb
Molybdenum	97-1	2207.03	2276.03	2316.91	2266.66	2.45	ppb
Molybdenum	98-1	2283.52	2346.12	2381.40	2337.01	2.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	458.21	463.12	459.83	460.39	0.54	ppb
Phosphorus	31-2	9671.14	9715.92	9924.97	9770.68	1.39	ppb
Potassium	39-2	121358.57	121246.26	121608.50	121404.44	0.15	ppb
Rhodium	103-1				102		%
Rhodium	103-2				98		%
Scandium	45-1				105		%
Scandium	45-2				107		%
Selenium	82-1	443.09	453.77	470.23	455.70	3.00	ppb
Selenium	77-2	489.80	482.50	478.83	483.71	1.15	ppb
Selenium	78-2	476.35	473.11	478.97	476.14	0.62	ppb
Silicon	28-1	430.31	453.57	479.09	454.32	5.37	ppb
Silver	107-1	500.57	517.66	523.83	514.02	2.34	ppb
Silver	109-1	500.18	513.16	522.79	512.04	2.22	ppb
Sodium	23-2	240348.93	243895.33	242555.62	242266.63	0.74	ppb
Strontium	86-1	467.97	478.31	486.46	477.58	1.94	ppb
Strontium	88-1	460.92	476.96	488.82	475.57	2.94	ppb
Sulfur	34-1	10508.26	10757.58	11251.54	10839.13	3.49	ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	460.16	479.56	483.76	474.49	2.65	ppb
Thallium	205-1	480.18	489.76	507.06	492.34	2.77	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	CCV03	Instrumnet Name :	P7
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 12:15:54	DataFile Name :	078CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	481.35	506.86	514.61	500.94	3.47	ppb
Tin	118-1	459.53	475.74	482.04	472.44	2.46	ppb
Titanium	47-1	2303.95	2365.14	2387.84	2352.31	1.84	ppb
Uranium	238-1	481.30	509.24	502.74	497.76	2.94	ppb
Vanadium	51-2	477.65	477.06	475.77	476.82	0.20	ppb
Yttrium	89-1				110		%
Yttrium	89-2				106		%
Zinc	66-2	4659.60	4663.13	4657.19	4659.98	0.06	ppb
Zirconium	90-1	444.17	482.12	495.68	473.99	5.63	ppb
Zirconium	91-1	451.42	466.68	477.11	465.07	2.78	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	CCB03	Instrumnet Name :	P7
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 12:20:56	DataFile Name :	079CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.59	2.62	2.10	2.44	11.88	ppb
Antimony	121-1	0.17	0.16	0.17	0.17	3.03	ppb
Arsenic	75-2	0.01	0.02	0.02	0.02	28.65	ppb
Barium	135-1	0.18	0.13	0.11	0.14	27.49	ppb
Barium	137-1	0.14	0.11	0.12	0.12	11.96	ppb
Beryllium	9-1	0.11	0.06	0.06	0.08	35.82	ppb
Bismuth	209-1				97		%
Bismuth	209-2				98		%
Boron	10-1	6.70	6.30	6.65	6.55	3.32	ppb
Boron	11-1	7.07	7.12	6.67	6.95	3.56	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.03	0.03	-0.03	0.01	271.71	ppb
Cadmium	106-1	0.31	0.00	-0.77	-0.15		ppb
Cadmium	108-1	0.62	0.28	0.66	0.52	39.82	ppb
Calcium	43-1	18.74	18.49	14.22	17.15	14.80	ppb
Calcium	44-1	16.97	17.22	13.38	15.86	13.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.07	0.05	0.05	63.77	ppb
Cobalt	59-2	0.02	0.03	0.01	0.02	33.86	ppb
Copper	63-2	0.36	0.31	0.30	0.32	9.64	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				105		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	56-2	6.82	6.24	6.54	6.53	4.47	ppb
Iron	57-2	5.96	7.37	6.80	6.71	10.58	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	CCB03	Instrumnet Name :	P7
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 12:20:56	DataFile Name :	079CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	7.44	7.71	6.96	7.37	5.14	ppb
Krypton	83-1						cps
Lead	206-1	0.39	0.40	0.34	0.37	8.63	ppb
Lead	207-1	0.37	0.38	0.36	0.37	2.33	ppb
Lead	208-1	0.38	0.39	0.35	0.37	5.61	ppb
Lithium	6-1				99		%
Magnesium	24-2	12.67	12.41	11.53	12.20	4.92	ppb
Manganese	55-2	0.29	0.26	0.27	0.27	5.39	ppb
Molybdenum	94-1	0.21	0.21	0.17	0.20	10.63	ppb
Molybdenum	95-1	0.22	0.16	0.17	0.18	18.78	ppb
Molybdenum	96-1	0.21	0.18	0.14	0.18	19.65	ppb
Molybdenum	97-1	0.19	0.17	0.22	0.19	13.89	ppb
Molybdenum	98-1	0.20	0.18	0.17	0.18	8.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.00	0.02	0.01	120.42	ppb
Phosphorus	31-2	-5.39	15.25	8.08	5.98	175.26	ppb
Potassium	39-2	81.78	70.42	69.07	73.76	9.46	ppb
Rhodium	103-1				105		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	82-1	-0.86	-2.40	-1.83	-1.70		ppb
Selenium	77-2	0.35	0.35	0.00	0.23	86.60	ppb
Selenium	78-2	-0.25	0.32	0.35	0.14	236.87	ppb
Silicon	28-1	-0.51	-0.17	-0.44	-0.37		ppb
Silver	107-1	0.06	0.04	0.04	0.05	26.96	ppb
Silver	109-1	0.05	0.03	0.05	0.04	16.70	ppb
Sodium	23-2	126.85	124.54	119.38	123.59	3.10	ppb
Strontium	86-1	0.02	0.02	0.03	0.02	14.36	ppb
Strontium	88-1	0.03	0.03	0.03	0.03	7.56	ppb
Sulfur	34-1	1124.43	1221.10	1527.97	1291.17	16.32	ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	0.08	0.07	0.05	0.07	16.76	ppb
Thallium	205-1	0.09	0.07	0.06	0.07	19.73	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	CCB03	Instrumnet Name :	P7
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 12:20:56	DataFile Name :	079CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.05	0.05	0.05	0.05	3.27	ppb
Tin	118-1	0.05	0.04	0.08	0.05	34.53	ppb
Titanium	47-1	0.21	0.15	0.11	0.16	30.14	ppb
Uranium	238-1	0.03	0.02	0.02	0.02	18.02	ppb
Vanadium	51-2	0.04	0.02	0.02	0.03	43.39	ppb
Yttrium	89-1				106		%
Yttrium	89-2				103		%
Zinc	66-2	0.46	0.35	0.37	0.40	15.22	ppb
Zirconium	90-1	0.02	0.04	0.05	0.04	33.24	ppb
Zirconium	91-1	0.04	0.04	0.06	0.04	24.82	ppb

LB Number : LB114597 Operator : JASWAL
 Lab Sample ID : PB136746BL Instrumnet Name : P7
 Client Sample ID : PB136746BL Dilution Factor : 1
 Date & Time Acquired :: 2021-05-21 12:24:02 DataFile Name : 080CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.13	0.19	-0.10	0.08	197.70	ppb
Antimony	121-1	0.06	0.07	0.06	0.06	7.27	ppb
Arsenic	75-2	-0.01	-0.01	-0.01	-0.01		ppb
Barium	135-1	-0.01	-0.01	0.03	0.00	469.27	ppb
Barium	137-1	0.00	-0.01	0.01	0.00	760.38	ppb
Beryllium	9-1	0.03	0.05	0.02	0.04	38.24	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Boron	10-1	4.19	3.05	3.38	3.54	16.56	ppb
Boron	11-1	4.64	4.41	4.06	4.37	6.62	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.00	0.04	-0.03	0.01	515.58	ppb
Cadmium	106-1	-0.16	2.58	-0.24	0.72	221.75	ppb
Cadmium	108-1	0.28	0.35	0.49	0.37	27.85	ppb
Calcium	43-1	0.19	-1.68	1.66	0.06	2964.54	ppb
Calcium	44-1	2.62	1.07	-0.99	0.90	200.65	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	-0.02	-0.02	-0.01		ppb
Cobalt	59-2	-0.01	-0.01	0.00	-0.01		ppb
Copper	63-2	0.07	0.06	0.09	0.07	19.58	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				103		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	56-2	0.86	0.79	0.84	0.83	4.35	ppb
Iron	57-2	-0.14	0.75	0.32	0.31	144.33	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	PB136746BL	Instrumnet Name :	P7
Client Sample ID :	PB136746BL	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 12:24:02	DataFile Name :	080CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	1.48	2.40	1.06	1.65	41.41	ppb
Krypton	83-1						cps
Lead	206-1	0.22	0.19	0.20	0.20	6.84	ppb
Lead	207-1	0.22	0.18	0.20	0.20	10.10	ppb
Lead	208-1	0.21	0.17	0.19	0.19	10.05	ppb
Lithium	6-1				99		%
Magnesium	24-2	1.05	1.02	0.73	0.93	19.34	ppb
Manganese	55-2	0.03	0.05	0.04	0.04	16.26	ppb
Molybdenum	94-1	0.01	0.02	0.00	0.01	82.42	ppb
Molybdenum	95-1	0.04	0.04	0.05	0.04	11.91	ppb
Molybdenum	96-1	0.00	0.03	0.03	0.02	68.25	ppb
Molybdenum	97-1	0.04	0.01	0.02	0.02	69.72	ppb
Molybdenum	98-1	0.04	0.03	0.02	0.03	24.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.01	0.00	-0.01		ppb
Phosphorus	31-2	-3.53	-6.64	-2.52	-4.23		ppb
Potassium	39-2	53.33	58.79	56.09	56.07	4.87	ppb
Rhodium	103-1				106		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	82-1	-2.55	-1.30	0.39	-1.15		ppb
Selenium	77-2	0.00	0.00	0.34	0.11	173.21	ppb
Selenium	78-2	0.63	-0.45	-0.47	-0.10		ppb
Silicon	28-1	-1.38	-1.56	-1.28	-1.40		ppb
Silver	107-1	0.01	0.01	0.01	0.01	32.15	ppb
Silver	109-1	0.02	0.03	0.02	0.02	13.98	ppb
Sodium	23-2	94.53	97.98	96.20	96.23	1.79	ppb
Strontium	86-1	0.00	0.01	0.01	0.01	46.31	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	5.16	ppb
Sulfur	34-1	1348.03	1576.99	1429.46	1451.50	8.00	ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	0.03	0.01	0.03	0.02	58.18	ppb
Thallium	205-1	0.03	0.02	0.02	0.02	31.20	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	PB136746BL	Instrumnet Name :	P7
Client Sample ID :	PB136746BL	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 12:24:02	DataFile Name :	080CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.01	0.01	0.01	9.20	ppb
Tin	118-1	0.03	0.02	0.02	0.02	32.41	ppb
Titanium	47-1	0.04	0.02	0.01	0.02	92.52	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	43.18	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	168.92	ppb
Yttrium	89-1				106		%
Yttrium	89-2				103		%
Zinc	66-2	0.10	0.09	0.09	0.09	4.41	ppb
Zirconium	90-1	0.00	0.01	-0.01	0.00	328.69	ppb
Zirconium	91-1	-0.01	0.02	0.00	0.00	873.05	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	PB136746BS	Instrumnet Name :	P7
Client Sample ID :	PB136746BS	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 12:27:08	DataFile Name :	081LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39.91	40.77	44.35	41.68	5.66	ppb
Antimony	121-1	3.78	3.86	4.03	3.89	3.38	ppb
Arsenic	75-2	1.88	2.10	2.03	2.00	5.62	ppb
Barium	135-1	18.74	19.43	19.71	19.29	2.59	ppb
Barium	137-1	18.51	19.27	19.36	19.05	2.44	ppb
Beryllium	9-1	1.88	2.03	2.14	2.02	6.53	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	10-1	43.41	49.86	50.03	47.77	7.90	ppb
Boron	11-1	45.25	48.25	50.25	47.92	5.25	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	2.14	1.98	2.23	2.12	6.02	ppb
Cadmium	106-1	2.23	1.43	2.83	2.16	32.64	ppb
Cadmium	108-1	1.81	2.00	2.27	2.03	11.24	ppb
Calcium	43-1	1006.15	1073.50	1035.47	1038.37	3.25	ppb
Calcium	44-1	1025.00	1048.73	1041.89	1038.54	1.18	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.06	4.07	4.18	4.10	1.63	ppb
Cobalt	59-2	1.99	2.05	1.92	1.99	3.28	ppb
Copper	63-2	3.89	3.83	3.88	3.87	0.78	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				107		%
Holmium	165-2				105		%
Indium	115-1				108		%
Indium	115-2				104		%
Iron	56-2	353.26	352.01	349.96	351.75	0.47	ppb
Iron	57-2	357.27	354.68	342.37	351.44	2.27	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	PB136746BS	Instrumnet Name :	P7
Client Sample ID :	PB136746BS	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 12:27:08	DataFile Name :	081LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	367.70	362.74	358.11	362.85	1.32	ppb
Krypton	83-1						cps
Lead	206-1	2.08	2.08	2.02	2.06	1.65	ppb
Lead	207-1	2.00	2.09	1.94	2.01	3.85	ppb
Lead	208-1	2.05	2.10	2.01	2.05	2.23	ppb
Lithium	6-1				101		%
Magnesium	24-2	977.64	971.70	963.79	971.04	0.72	ppb
Manganese	55-2	2.12	2.02	2.09	2.08	2.52	ppb
Molybdenum	94-1	8.93	9.19	9.07	9.06	1.44	ppb
Molybdenum	95-1	9.02	9.19	9.41	9.21	2.14	ppb
Molybdenum	96-1	8.77	9.21	9.60	9.19	4.52	ppb
Molybdenum	97-1	9.05	9.87	9.32	9.41	4.40	ppb
Molybdenum	98-1	9.01	9.39	9.45	9.29	2.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.12	1.94	2.18	2.08	5.85	ppb
Phosphorus	31-2	10.77	-8.93	-10.00	-2.72		ppb
Potassium	39-2	1072.04	1066.44	1076.90	1071.80	0.49	ppb
Rhodium	103-1				107		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				105		%
Selenium	82-1	9.26	9.73	10.00	9.66	3.89	ppb
Selenium	77-2	9.30	10.27	8.56	9.38	9.15	ppb
Selenium	78-2	9.69	11.47	9.27	10.15	11.51	ppb
Silicon	28-1	10.53	13.62	14.22	12.79	15.52	ppb
Silver	107-1	1.97	2.00	1.95	1.98	1.41	ppb
Silver	109-1	1.93	1.90	1.96	1.93	1.59	ppb
Sodium	23-2	1070.24	1085.89	1081.63	1079.25	0.75	ppb
Strontium	86-1	0.16	0.18	0.16	0.17	5.94	ppb
Strontium	88-1	0.20	0.20	0.20	0.20	1.83	ppb
Sulfur	34-1	674.65	1189.29	1062.73	975.56	27.49	ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	1.97	1.92	2.06	1.98	3.46	ppb
Thallium	205-1	1.91	1.95	1.98	1.95	1.67	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	PB136746BS	Instrumnet Name :	P7
Client Sample ID :	PB136746BS	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 12:27:08	DataFile Name :	081LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.01	0.01	0.01	18.82	ppb
Tin	118-1	9.69	9.92	10.03	9.88	1.75	ppb
Titanium	47-1	9.77	10.22	9.41	9.80	4.14	ppb
Uranium	238-1	1.80	1.86	1.83	1.83	1.64	ppb
Vanadium	51-2	9.87	9.94	9.90	9.90	0.36	ppb
Yttrium	89-1				108		%
Yttrium	89-2				105		%
Zinc	66-2	9.99	9.79	9.87	9.89	1.00	ppb
Zirconium	90-1	1.87	1.98	1.84	1.90	3.94	ppb
Zirconium	91-1	1.78	2.03	1.95	1.92	6.49	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2342-01	Instrumnet Name :	P7
Client Sample ID :	MH0AY2	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 12:30:13	DataFile Name :	082SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7924.18	7921.75	8079.86	7975.27	1.14	ppb
Antimony	121-1	0.53	0.56	0.61	0.57	7.79	ppb
Arsenic	75-2	34.40	34.22	34.09	34.23	0.45	ppb
Barium	135-1	358.90	372.21	372.94	368.02	2.15	ppb
Barium	137-1	361.58	371.64	377.23	370.15	2.14	ppb
Beryllium	9-1	0.55	0.58	0.56	0.56	2.43	ppb
Bismuth	209-1				110		%
Bismuth	209-2				103		%
Boron	10-1	17.84	16.91	18.41	17.72	4.28	ppb
Boron	11-1	16.83	18.08	17.44	17.45	3.58	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.33	0.26	0.31	0.30	12.64	ppb
Cadmium	106-1	0.68	-1.17	-0.24	-0.24		ppb
Cadmium	108-1	0.29	0.61	0.47	0.46	35.54	ppb
Calcium	43-1	4103.80	4200.07	4287.15	4197.01	2.19	ppb
Calcium	44-1	4162.65	4257.83	4289.54	4236.67	1.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	18.99	18.92	19.20	19.03	0.76	ppb
Cobalt	59-2	8.49	8.41	8.49	8.46	0.56	ppb
Copper	63-2	27.77	27.81	27.88	27.82	0.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				108		%
Indium	115-1				109		%
Indium	115-2				106		%
Iron	56-2	13162.66	13069.85	13401.63	13211.38	1.30	ppb
Iron	57-2	13100.80	13116.54	13257.40	13158.25	0.66	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2342-01	Instrumnet Name :	P7
Client Sample ID :	MH0AY2	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 12:30:13	DataFile Name :	082SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	13350.94	13437.83	13481.25	13423.34	0.49	ppb
Krypton	83-1						cps
Lead	206-1	14.32	14.36	14.32	14.34	0.17	ppb
Lead	207-1	13.41	13.41	13.46	13.43	0.23	ppb
Lead	208-1	13.93	14.03	13.98	13.98	0.34	ppb
Lithium	6-1				103		%
Magnesium	24-2	4450.34	4450.49	4519.42	4473.42	0.89	ppb
Manganese	55-2	832.94	837.63	842.94	837.84	0.60	ppb
Molybdenum	94-1	3.69	3.82	4.02	3.85	4.36	ppb
Molybdenum	95-1	0.85	0.70	0.75	0.77	9.73	ppb
Molybdenum	96-1	1.16	1.14	1.13	1.14	1.06	ppb
Molybdenum	97-1	0.73	0.82	0.93	0.83	12.22	ppb
Molybdenum	98-1	0.70	0.77	0.76	0.75	5.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	13.24	13.38	13.17	13.26	0.83	ppb
Phosphorus	31-2	680.26	676.20	702.16	686.20	2.04	ppb
Potassium	39-2	4490.76	4551.70	4608.52	4550.33	1.29	ppb
Rhodium	103-1				109		%
Rhodium	103-2				105		%
Scandium	45-1				106		%
Scandium	45-2				108		%
Selenium	82-1	-1.37	-1.28	-0.90	-1.18		ppb
Selenium	77-2	3.64	4.94	6.66	5.08	29.81	ppb
Selenium	78-2	1.40	0.02	0.40	0.61	117.54	ppb
Silicon	28-1	5897.24	6017.55	6114.01	6009.60	1.81	ppb
Silver	107-1	0.27	0.23	0.28	0.26	9.65	ppb
Silver	109-1	0.25	0.25	0.27	0.26	4.61	ppb
Sodium	23-2	349.83	349.73	352.88	350.82	0.51	ppb
Strontium	86-1	5.55	5.69	5.80	5.68	2.20	ppb
Strontium	88-1	5.59	5.75	5.90	5.75	2.73	ppb
Sulfur	34-1	270.92	250.73	139.05	220.23	32.25	ppb
Terbium	159-1				108		%
Terbium	159-2				108		%
Thallium	203-1	0.36	0.37	0.36	0.37	1.77	ppb
Thallium	205-1	0.36	0.40	0.37	0.38	5.89	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2342-01	Instrumnet Name :	P7
Client Sample ID :	MH0AY2	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 12:30:13	DataFile Name :	082SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	5.16	5.26	5.36	5.26	1.91	ppb
Tin	118-1	0.61	0.62	0.64	0.62	2.33	ppb
Titanium	47-1	769.66	789.20	797.17	785.35	1.80	ppb
Uranium	238-1	2.72	2.74	2.79	2.75	1.35	ppb
Vanadium	51-2	23.88	24.61	24.48	24.32	1.59	ppb
Yttrium	89-1				112		%
Yttrium	89-2				108		%
Zinc	66-2	75.25	75.82	75.79	75.62	0.43	ppb
Zirconium	90-1	2.33	2.24	2.38	2.32	3.01	ppb
Zirconium	91-1	2.33	2.42	2.44	2.40	2.59	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2342-02	Instrumnet Name :	P7
Client Sample ID :	MH0AY2D	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 12:33:17	DataFile Name :	083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7905.46	7774.51	7726.41	7802.13	1.19	ppb
Antimony	121-1	0.44	0.46	0.47	0.45	3.46	ppb
Arsenic	75-2	31.73	31.97	31.13	31.61	1.37	ppb
Barium	135-1	359.85	360.00	359.26	359.70	0.11	ppb
Barium	137-1	359.99	361.70	360.71	360.80	0.24	ppb
Beryllium	9-1	0.60	0.44	0.53	0.52	16.16	ppb
Bismuth	209-1				111		%
Bismuth	209-2				102		%
Boron	10-1	13.52	15.78	17.04	15.45	11.55	ppb
Boron	11-1	15.42	16.29	17.09	16.27	5.13	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.21	0.30	0.20	0.24	24.31	ppb
Cadmium	106-1	-0.95	1.30	-2.31	-0.65		ppb
Cadmium	108-1	0.44	0.49	0.35	0.43	17.33	ppb
Calcium	43-1	4316.91	4278.93	4357.65	4317.83	0.91	ppb
Calcium	44-1	4220.58	4241.46	4302.04	4254.69	0.99	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	18.71	18.62	18.60	18.64	0.29	ppb
Cobalt	59-2	7.89	7.91	7.99	7.93	0.66	ppb
Copper	63-2	25.58	25.66	25.89	25.71	0.61	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				106		%
Indium	115-1				109		%
Indium	115-2				105		%
Iron	56-2	12748.92	12589.74	12732.25	12690.30	0.69	ppb
Iron	57-2	12719.27	12550.76	12683.56	12651.20	0.70	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2342-02	Instrumnet Name :	P7
Client Sample ID :	MH0AY2D	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 12:33:17	DataFile Name :	083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	12953.18	12754.90	12874.72	12860.93	0.78	ppb
Krypton	83-1						cps
Lead	206-1	13.21	13.50	13.44	13.38	1.13	ppb
Lead	207-1	12.35	12.35	12.56	12.42	1.00	ppb
Lead	208-1	12.84	12.98	12.96	12.93	0.61	ppb
Lithium	6-1				102		%
Magnesium	24-2	4361.45	4341.70	4307.22	4336.79	0.63	ppb
Manganese	55-2	829.65	825.15	822.85	825.88	0.42	ppb
Molybdenum	94-1	3.74	3.82	3.88	3.81	1.83	ppb
Molybdenum	95-1	0.72	0.72	0.74	0.73	2.02	ppb
Molybdenum	96-1	1.12	1.22	1.14	1.16	4.48	ppb
Molybdenum	97-1	0.82	0.71	0.72	0.75	8.05	ppb
Molybdenum	98-1	0.77	0.78	0.67	0.74	7.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	13.14	13.26	12.81	13.07	1.78	ppb
Phosphorus	31-2	756.92	613.03	647.70	672.55	11.16	ppb
Potassium	39-2	4489.42	4420.05	4475.89	4461.79	0.82	ppb
Rhodium	103-1				108		%
Rhodium	103-2				105		%
Scandium	45-1				105		%
Scandium	45-2				107		%
Selenium	82-1	-2.37	0.05	-1.05	-1.12		ppb
Selenium	77-2	3.65	5.64	4.34	4.54	22.21	ppb
Selenium	78-2	-0.43	-0.22	0.69	0.01	4792.62	ppb
Silicon	28-1	6021.17	6006.67	6037.82	6021.89	0.26	ppb
Silver	107-1	0.22	0.21	0.25	0.23	8.31	ppb
Silver	109-1	0.22	0.23	0.25	0.23	6.89	ppb
Sodium	23-2	350.14	345.41	353.38	349.64	1.15	ppb
Strontium	86-1	5.59	5.75	5.79	5.71	1.83	ppb
Strontium	88-1	5.62	5.74	5.78	5.72	1.45	ppb
Sulfur	34-1	-225.62	-547.81	-403.15	-392.19		ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	0.26	0.28	0.26	0.27	4.73	ppb
Thallium	205-1	0.26	0.28	0.26	0.27	3.96	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2342-02	Instrumnet Name :	P7
Client Sample ID :	MH0AY2D	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 12:33:17	DataFile Name :	083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	6.28	6.30	6.28	6.29	0.18	ppb
Tin	118-1	0.60	0.62	0.63	0.62	2.58	ppb
Titanium	47-1	751.99	751.47	762.15	755.20	0.80	ppb
Uranium	238-1	2.55	2.64	2.63	2.61	1.82	ppb
Vanadium	51-2	23.81	23.36	23.25	23.47	1.26	ppb
Yttrium	89-1				110		%
Yttrium	89-2				108		%
Zinc	66-2	68.83	67.67	68.53	68.35	0.88	ppb
Zirconium	90-1	2.23	2.16	2.29	2.23	3.01	ppb
Zirconium	91-1	2.09	2.29	2.26	2.22	4.84	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2342-01LX5	Instrumnet Name :	P7
Client Sample ID :	MH0AY2L	Dilution Factor :	5
Date & Time Acquired ::	2021-05-21 12:36:22	DataFile Name :	084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1576.22	1572.28	1566.86	1571.78	0.30	ppb
Antimony	121-1	0.09	0.10	0.10	0.09	5.98	ppb
Arsenic	75-2	6.93	6.43	7.02	6.79	4.63	ppb
Barium	135-1	70.19	73.56	71.69	71.81	2.35	ppb
Barium	137-1	70.27	74.31	73.41	72.66	2.92	ppb
Beryllium	9-1	0.19	0.15	0.19	0.18	15.42	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Boron	10-1	5.36	4.43	4.84	4.88	9.55	ppb
Boron	11-1	5.18	5.81	5.35	5.45	5.96	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.06	0.08	0.04	0.06	35.29	ppb
Cadmium	106-1	-0.87	-0.09	-1.06	-0.67		ppb
Cadmium	108-1	0.09	-0.11	0.01	-0.01		ppb
Calcium	43-1	850.70	841.25	899.35	863.77	3.61	ppb
Calcium	44-1	844.95	844.02	850.98	846.65	0.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.89	3.73	3.65	3.76	3.29	ppb
Cobalt	59-2	1.62	1.64	1.69	1.65	2.21	ppb
Copper	63-2	5.68	5.63	5.75	5.69	1.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				103		%
Iron	56-2	2661.31	2630.53	2611.83	2634.56	0.95	ppb
Iron	57-2	2616.60	2598.95	2573.39	2596.31	0.84	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2342-01LX5	Instrumnet Name :	P7
Client Sample ID :	MH0AY2L	Dilution Factor :	5
Date & Time Acquired ::	2021-05-21 12:36:22	DataFile Name :	084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2652.77	2680.70	2670.15	2667.87	0.53	ppb
Krypton	83-1						cps
Lead	206-1	2.86	3.24	3.27	3.12	7.26	ppb
Lead	207-1	2.69	2.96	2.94	2.87	5.26	ppb
Lead	208-1	2.83	3.10	3.11	3.01	5.33	ppb
Lithium	6-1				99		%
Magnesium	24-2	887.51	881.30	886.64	885.15	0.38	ppb
Manganese	55-2	164.98	165.53	165.76	165.42	0.24	ppb
Molybdenum	94-1	0.74	0.84	0.87	0.82	8.26	ppb
Molybdenum	95-1	0.18	0.16	0.13	0.16	16.84	ppb
Molybdenum	96-1	0.22	0.22	0.25	0.23	8.79	ppb
Molybdenum	97-1	0.18	0.17	0.17	0.17	2.21	ppb
Molybdenum	98-1	0.15	0.15	0.17	0.16	5.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.64	2.72	2.59	2.65	2.43	ppb
Phosphorus	31-2	151.55	126.21	128.16	135.31	10.42	ppb
Potassium	39-2	921.43	920.74	909.68	917.28	0.72	ppb
Rhodium	103-1				106		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				104		%
Selenium	82-1	-1.50	-1.58	-1.09	-1.39		ppb
Selenium	77-2	0.69	0.69	1.04	0.81	25.07	ppb
Selenium	78-2	0.12	0.44	-0.72	-0.05		ppb
Silicon	28-1	1185.69	1177.47	1198.64	1187.27	0.90	ppb
Silver	107-1	0.05	0.06	0.05	0.05	13.70	ppb
Silver	109-1	0.05	0.05	0.05	0.05	4.35	ppb
Sodium	23-2	122.11	122.64	119.41	121.39	1.43	ppb
Strontium	86-1	1.10	1.16	1.16	1.14	3.15	ppb
Strontium	88-1	1.12	1.14	1.13	1.13	1.25	ppb
Sulfur	34-1	164.18	220.62	248.54	211.11	20.36	ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.06	0.09	0.07	0.07	18.67	ppb
Thallium	205-1	0.07	0.10	0.09	0.08	21.33	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2342-01LX5	Instrumnet Name :	P7
Client Sample ID :	MH0AY2L	Dilution Factor :	5
Date & Time Acquired ::	2021-05-21 12:36:22	DataFile Name :	084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	1.04	1.10	1.13	1.09	4.34	ppb
Tin	118-1	0.21	0.25	0.22	0.23	10.50	ppb
Titanium	47-1	150.32	154.57	155.42	153.43	1.78	ppb
Uranium	238-1	0.52	0.59	0.59	0.56	7.45	ppb
Vanadium	51-2	4.54	4.84	4.64	4.67	3.25	ppb
Yttrium	89-1				109		%
Yttrium	89-2				103		%
Zinc	66-2	18.68	18.88	18.80	18.79	0.55	ppb
Zirconium	90-1	0.42	0.44	0.43	0.43	3.29	ppb
Zirconium	91-1	0.50	0.43	0.46	0.47	6.98	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2342-03	Instrumnet Name :	P7
Client Sample ID :	MH0AY2S	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 12:39:27	DataFile Name :	085SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8379.53	8390.44	8085.02	8285.00	2.09	ppb
Antimony	121-1	12.65	12.93	13.19	12.92	2.07	ppb
Arsenic	75-2	37.33	37.96	36.65	37.31	1.75	ppb
Barium	135-1	736.15	753.26	744.08	744.50	1.15	ppb
Barium	137-1	728.17	746.79	744.64	739.87	1.38	ppb
Beryllium	9-1	9.49	9.73	9.87	9.70	2.01	ppb
Bismuth	209-1				112		%
Bismuth	209-2				103		%
Boron	10-1	12.74	13.27	16.53	14.18	14.47	ppb
Boron	11-1	13.56	14.79	15.23	14.53	5.97	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	9.67	9.82	9.59	9.69	1.21	ppb
Cadmium	106-1	5.22	8.71	7.14	7.02	24.86	ppb
Cadmium	108-1	8.28	8.39	9.30	8.66	6.44	ppb
Calcium	43-1	4410.17	4607.35	4615.17	4544.23	2.56	ppb
Calcium	44-1	4380.41	4520.99	4582.87	4494.76	2.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	60.03	60.53	59.15	59.90	1.17	ppb
Cobalt	59-2	105.75	104.32	103.47	104.51	1.10	ppb
Copper	63-2	74.36	74.97	73.78	74.37	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				109		%
Holmium	165-2				107		%
Indium	115-1				109		%
Indium	115-2				105		%
Iron	56-2	12811.63	12811.13	12649.70	12757.49	0.73	ppb
Iron	57-2	12707.35	12834.01	12527.54	12689.63	1.21	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2342-03	Instrumnet Name :	P7
Client Sample ID :	MH0AY2S	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 12:39:27	DataFile Name :	085SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	13071.82	12943.48	12625.09	12880.13	1.79	ppb
Krypton	83-1						cps
Lead	206-1	15.77	16.26	16.20	16.08	1.64	ppb
Lead	207-1	15.07	15.52	15.23	15.27	1.46	ppb
Lead	208-1	15.53	16.02	15.81	15.78	1.54	ppb
Lithium	6-1				102		%
Magnesium	24-2	4284.18	4294.81	4204.82	4261.27	1.15	ppb
Manganese	55-2	794.29	793.72	778.62	788.88	1.13	ppb
Molybdenum	94-1	3.37	3.52	3.68	3.52	4.49	ppb
Molybdenum	95-1	0.57	0.60	0.61	0.59	3.25	ppb
Molybdenum	96-1	0.94	0.88	0.91	0.91	3.21	ppb
Molybdenum	97-1	0.59	0.56	0.53	0.56	4.93	ppb
Molybdenum	98-1	0.54	0.59	0.54	0.56	5.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	109.29	110.42	109.12	109.61	0.65	ppb
Phosphorus	31-2	713.89	672.34	679.39	688.54	3.23	ppb
Potassium	39-2	4471.39	4425.92	4381.16	4426.16	1.02	ppb
Rhodium	103-1				107		%
Rhodium	103-2				105		%
Scandium	45-1				104		%
Scandium	45-2				108		%
Selenium	82-1	15.24	19.02	19.13	17.80	12.43	ppb
Selenium	77-2	18.12	27.15	25.34	23.54	20.31	ppb
Selenium	78-2	18.77	20.24	19.51	19.51	3.77	ppb
Silicon	28-1	5642.07	5677.56	5735.10	5684.91	0.83	ppb
Silver	107-1	9.30	9.67	9.81	9.59	2.70	ppb
Silver	109-1	9.40	9.41	9.60	9.47	1.18	ppb
Sodium	23-2	343.32	342.69	338.47	341.49	0.77	ppb
Strontium	86-1	6.94	7.14	7.33	7.14	2.76	ppb
Strontium	88-1	6.93	7.13	7.19	7.08	1.96	ppb
Sulfur	34-1	-489.27	-443.68	-487.30	-473.42		ppb
Terbium	159-1				109		%
Terbium	159-2				107		%
Thallium	203-1	8.45	8.50	8.53	8.49	0.48	ppb
Thallium	205-1	8.50	8.54	8.62	8.55	0.67	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2342-03	Instrumnet Name :	P7
Client Sample ID :	MH0AY2S	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 12:39:27	DataFile Name :	085SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	6.81	7.01	6.95	6.92	1.55	ppb
Tin	118-1	0.64	0.63	1.26	0.84	42.76	ppb
Titanium	47-1	628.66	642.05	647.68	639.47	1.53	ppb
Uranium	238-1	2.56	2.56	2.55	2.56	0.17	ppb
Vanadium	51-2	117.05	117.30	115.04	116.46	1.07	ppb
Yttrium	89-1				111		%
Yttrium	89-2				108		%
Zinc	66-2	172.56	171.44	169.32	171.10	0.96	ppb
Zirconium	90-1	2.04	2.12	2.16	2.10	2.80	ppb
Zirconium	91-1	1.95	2.22	2.27	2.15	8.21	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2342-04	Instrumnet Name :	P7
Client Sample ID :	MH0AY3	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 12:42:31	DataFile Name :	086SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8584.54	8500.78	8545.09	8543.47	0.49	ppb
Antimony	121-1	1.95	2.02	2.07	2.02	3.03	ppb
Arsenic	75-2	134.36	132.86	134.16	133.79	0.61	ppb
Barium	135-1	368.06	364.05	365.76	365.96	0.55	ppb
Barium	137-1	367.11	363.35	368.13	366.20	0.69	ppb
Beryllium	9-1	0.46	0.44	0.41	0.43	5.02	ppb
Bismuth	209-1				108		%
Bismuth	209-2				99		%
Boron	10-1	15.89	17.31	16.76	16.65	4.30	ppb
Boron	11-1	17.00	17.68	17.69	17.46	2.25	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.70	1.79	1.82	1.77	3.47	ppb
Cadmium	106-1	0.60	0.84	1.28	0.91	37.49	ppb
Cadmium	108-1	1.43	1.70	1.81	1.65	11.86	ppb
Calcium	43-1	9222.92	9304.10	9385.96	9304.33	0.88	ppb
Calcium	44-1	9124.04	9133.73	9269.28	9175.68	0.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8.09	7.99	8.10	8.06	0.78	ppb
Cobalt	59-2	18.65	18.57	18.84	18.69	0.73	ppb
Copper	63-2	124.20	124.26	123.93	124.13	0.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				103		%
Indium	115-1				108		%
Indium	115-2				105		%
Iron	56-2	21991.36	21832.23	21766.72	21863.44	0.53	ppb
Iron	57-2	21704.50	21654.73	21634.41	21664.55	0.17	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2342-04	Instrumnet Name :	P7
Client Sample ID :	MH0AY3	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 12:42:31	DataFile Name :	086SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	21943.68	21891.51	21835.62	21890.27	0.25	ppb
Krypton	83-1						cps
Lead	206-1	59.60	60.71	60.50	60.27	0.98	ppb
Lead	207-1	57.04	57.11	58.80	57.65	1.72	ppb
Lead	208-1	58.55	59.20	60.55	59.43	1.72	ppb
Lithium	6-1				102		%
Magnesium	24-2	4817.60	4771.99	4776.22	4788.60	0.53	ppb
Manganese	55-2	6933.68	6976.71	6950.53	6953.64	0.31	ppb
Molybdenum	94-1	5.26	5.29	5.20	5.25	0.87	ppb
Molybdenum	95-1	3.01	3.00	2.97	2.99	0.78	ppb
Molybdenum	96-1	3.23	3.17	3.31	3.24	2.24	ppb
Molybdenum	97-1	3.22	2.99	2.99	3.07	4.19	ppb
Molybdenum	98-1	3.00	3.06	3.05	3.04	1.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.72	10.57	10.36	10.55	1.71	ppb
Phosphorus	31-2	1161.63	1213.87	1101.12	1158.87	4.87	ppb
Potassium	39-2	3944.81	3916.29	3912.80	3924.63	0.45	ppb
Rhodium	103-1				106		%
Rhodium	103-2				104		%
Scandium	45-1				104		%
Scandium	45-2				107		%
Selenium	82-1	-0.56	-1.28	-0.50	-0.78		ppb
Selenium	77-2	3.65	6.06	2.69	4.13	41.96	ppb
Selenium	78-2	0.60	1.24	-0.37	0.49	165.46	ppb
Silicon	28-1	5654.58	5571.28	5672.47	5632.78	0.96	ppb
Silver	107-1	1.25	1.23	1.28	1.25	1.95	ppb
Silver	109-1	1.27	1.21	1.24	1.24	2.36	ppb
Sodium	23-2	250.82	247.07	245.71	247.87	1.07	ppb
Strontium	86-1	8.27	8.39	8.30	8.32	0.77	ppb
Strontium	88-1	8.25	8.38	8.40	8.34	1.01	ppb
Sulfur	34-1	-308.19	-245.53	-378.16	-310.63		ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	0.31	0.30	0.30	0.31	1.50	ppb
Thallium	205-1	0.30	0.30	0.29	0.30	2.32	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2342-04	Instrumnet Name :	P7
Client Sample ID :	MH0AY3	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 12:42:31	DataFile Name :	086SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	6.44	6.63	6.77	6.61	2.49	ppb
Tin	118-1	1.17	1.00	1.08	1.08	7.71	ppb
Titanium	47-1	739.42	741.27	752.72	744.47	0.97	ppb
Uranium	238-1	5.82	5.98	5.99	5.93	1.63	ppb
Vanadium	51-2	49.69	49.06	48.81	49.19	0.92	ppb
Yttrium	89-1				111		%
Yttrium	89-2				107		%
Zinc	66-2	174.90	176.31	174.58	175.26	0.53	ppb
Zirconium	90-1	2.07	2.12	2.15	2.11	2.04	ppb
Zirconium	91-1	2.01	2.15	2.26	2.14	5.83	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2342-01ARE	Instrumnet Name :	P7
Client Sample ID :	MH0AY2A	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 12:49:48	DataFile Name :	087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8022.00	7962.20	8032.14	8005.45	0.47	ppb
Antimony	121-1	4.29	4.59	4.68	4.52	4.56	ppb
Arsenic	75-2	35.31	35.30	34.42	35.01	1.46	ppb
Barium	135-1	351.18	373.41	377.52	367.37	3.86	ppb
Barium	137-1	357.35	373.63	377.08	369.35	2.85	ppb
Beryllium	9-1	0.61	0.55	0.68	0.61	10.64	ppb
Bismuth	209-1				107		%
Bismuth	209-2				98		%
Boron	10-1	11.72	14.17	14.67	13.52	11.69	ppb
Boron	11-1	13.67	14.20	14.52	14.13	3.03	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.29	0.25	0.32	0.29	12.02	ppb
Cadmium	106-1	-0.74	-1.53	-1.34	-1.20		ppb
Cadmium	108-1	0.29	0.37	0.58	0.41	36.59	ppb
Calcium	43-1	3990.07	4322.70	4360.26	4224.34	4.82	ppb
Calcium	44-1	4083.24	4264.42	4281.18	4209.62	2.61	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.32	19.28	19.36	19.32	0.21	ppb
Cobalt	59-2	8.64	8.72	8.50	8.62	1.25	ppb
Copper	63-2	28.00	28.01	27.72	27.91	0.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				102		%
Indium	115-1				109		%
Indium	115-2				103		%
Iron	56-2	13641.38	13510.05	13352.28	13501.24	1.07	ppb
Iron	57-2	13495.57	13427.84	13279.17	13400.86	0.83	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2342-01ARE	Instrumnet Name :	P7
Client Sample ID :	MH0AY2A	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 12:49:48	DataFile Name :	087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	13646.09	13581.95	13468.74	13565.59	0.66	ppb
Krypton	83-1						cps
Lead	206-1	54.90	55.76	58.23	56.30	3.08	ppb
Lead	207-1	54.04	55.74	57.47	55.75	3.08	ppb
Lead	208-1	54.63	56.22	58.15	56.33	3.13	ppb
Lithium	6-1				100		%
Magnesium	24-2	4545.61	4506.09	4507.28	4519.66	0.50	ppb
Manganese	55-2	854.34	840.92	845.70	846.99	0.80	ppb
Molybdenum	94-1	3.85	3.89	3.89	3.88	0.67	ppb
Molybdenum	95-1	0.70	0.72	0.86	0.76	11.82	ppb
Molybdenum	96-1	1.05	1.21	1.11	1.12	7.21	ppb
Molybdenum	97-1	0.77	0.74	0.82	0.78	5.44	ppb
Molybdenum	98-1	0.73	0.80	0.75	0.76	4.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	13.58	13.72	13.49	13.59	0.87	ppb
Phosphorus	31-2	706.65	666.43	737.32	703.47	5.05	ppb
Potassium	39-2	4586.91	4572.65	4560.75	4573.44	0.29	ppb
Rhodium	103-1				107		%
Rhodium	103-2				103		%
Scandium	45-1				105		%
Scandium	45-2				105		%
Selenium	82-1	-0.24	-1.66	-2.14	-1.34		ppb
Selenium	77-2	3.09	3.42	3.37	3.29	5.55	ppb
Selenium	78-2	-0.22	0.12	0.03	-0.02		ppb
Silicon	28-1	5874.98	6126.98	6069.49	6023.82	2.19	ppb
Silver	107-1	0.17	0.19	0.21	0.19	11.10	ppb
Silver	109-1	0.20	0.22	0.24	0.22	8.30	ppb
Sodium	23-2	315.97	308.12	307.94	310.68	1.48	ppb
Strontium	86-1	5.58	5.65	5.91	5.71	3.04	ppb
Strontium	88-1	5.54	5.75	5.83	5.71	2.60	ppb
Sulfur	34-1	-734.02	-647.39	-616.60	-666.00		ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	0.35	0.35	0.32	0.34	5.40	ppb
Thallium	205-1	0.34	0.31	0.33	0.32	4.52	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2342-01ARE	Instrumnet Name :	P7
Client Sample ID :	MH0AY2A	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 12:49:48	DataFile Name :	087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	5.12	5.32	5.50	5.32	3.59	ppb
Tin	118-1	0.71	0.64	0.73	0.69	6.98	ppb
Titanium	47-1	762.43	782.79	792.45	779.22	1.97	ppb
Uranium	238-1	2.65	2.75	2.88	2.76	4.09	ppb
Vanadium	51-2	25.25	24.96	24.59	24.93	1.33	ppb
Yttrium	89-1				111		%
Yttrium	89-2				105		%
Zinc	66-2	72.88	72.17	72.76	72.60	0.52	ppb
Zirconium	90-1	2.25	2.37	2.44	2.35	4.06	ppb
Zirconium	91-1	2.25	2.25	2.39	2.30	3.62	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2342-01A	Instrumnet Name :	P7
Client Sample ID :	MH0AY2A	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 12:56:50	DataFile Name :	088SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7944.17	7949.98	7737.35	7877.16	1.54	ppb
Antimony	121-1	4.53	4.75	4.85	4.71	3.44	ppb
Arsenic	75-2	34.50	35.14	33.91	34.52	1.78	ppb
Barium	135-1	350.60	371.58	361.89	361.36	2.91	ppb
Barium	137-1	354.48	370.90	360.00	361.79	2.31	ppb
Beryllium	9-1	0.53	0.53	0.59	0.55	5.95	ppb
Bismuth	209-1				109		%
Bismuth	209-2				98		%
Boron	10-1	11.86	14.82	15.34	14.01	13.37	ppb
Boron	11-1	13.50	15.14	14.56	14.40	5.80	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.22	0.30	0.30	0.27	15.30	ppb
Cadmium	106-1	-1.37	0.15	0.23	-0.33		ppb
Cadmium	108-1	0.26	0.39	0.29	0.31	22.84	ppb
Calcium	43-1	4163.99	4288.79	4201.10	4217.96	1.52	ppb
Calcium	44-1	4105.65	4205.74	4153.46	4154.95	1.20	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.13	18.93	18.78	18.95	0.91	ppb
Cobalt	59-2	8.43	8.56	8.41	8.47	0.96	ppb
Copper	63-2	27.37	27.43	26.89	27.23	1.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				103		%
Indium	115-1				109		%
Indium	115-2				105		%
Iron	56-2	13339.56	13086.78	13054.13	13160.16	1.19	ppb
Iron	57-2	13232.75	13165.50	13016.38	13138.21	0.84	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2342-01A	Instrumnet Name :	P7
Client Sample ID :	MH0AY2A	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 12:56:50	DataFile Name :	088SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	13464.31	13302.41	13117.16	13294.63	1.31	ppb
Krypton	83-1						cps
Lead	206-1	44.59	46.85	45.95	45.80	2.48	ppb
Lead	207-1	44.20	45.56	45.03	44.93	1.53	ppb
Lead	208-1	44.84	46.23	45.27	45.45	1.57	ppb
Lithium	6-1				101		%
Magnesium	24-2	4445.85	4415.75	4402.55	4421.38	0.50	ppb
Manganese	55-2	838.42	829.53	820.80	829.58	1.06	ppb
Molybdenum	94-1	3.87	3.72	3.86	3.81	2.18	ppb
Molybdenum	95-1	0.74	0.76	0.71	0.74	3.82	ppb
Molybdenum	96-1	1.06	1.16	1.10	1.11	4.73	ppb
Molybdenum	97-1	0.72	0.80	0.80	0.78	5.87	ppb
Molybdenum	98-1	0.70	0.81	0.72	0.74	7.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	13.33	13.41	13.11	13.28	1.16	ppb
Phosphorus	31-2	709.20	649.25	638.25	665.57	5.74	ppb
Potassium	39-2	4500.10	4520.46	4446.80	4489.12	0.85	ppb
Rhodium	103-1				108		%
Rhodium	103-2				104		%
Scandium	45-1				105		%
Scandium	45-2				107		%
Selenium	82-1	0.03	-1.12	-2.52	-1.20		ppb
Selenium	77-2	6.03	4.06	5.40	5.16	19.50	ppb
Selenium	78-2	0.72	-0.12	-0.47	0.05	1334.09	ppb
Silicon	28-1	5964.52	5940.94	5908.11	5937.86	0.48	ppb
Silver	107-1	0.17	0.19	0.19	0.18	6.77	ppb
Silver	109-1	0.18	0.21	0.18	0.19	7.71	ppb
Sodium	23-2	292.64	294.82	291.23	292.90	0.62	ppb
Strontium	86-1	5.54	5.60	5.57	5.57	0.57	ppb
Strontium	88-1	5.57	5.67	5.58	5.61	0.94	ppb
Sulfur	34-1	-719.25	-535.44	-845.02	-699.90		ppb
Terbium	159-1				108		%
Terbium	159-2				103		%
Thallium	203-1	0.33	0.32	0.31	0.32	3.58	ppb
Thallium	205-1	0.35	0.35	0.31	0.34	7.07	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2342-01A	Instrumnet Name :	P7
Client Sample ID :	MH0AY2A	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 12:56:50	DataFile Name :	088SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	5.10	5.30	5.19	5.20	1.94	ppb
Tin	118-1	0.66	0.56	0.60	0.61	8.12	ppb
Titanium	47-1	761.54	781.72	765.63	769.63	1.39	ppb
Uranium	238-1	2.68	2.78	2.74	2.73	1.82	ppb
Vanadium	51-2	24.65	24.45	24.32	24.47	0.68	ppb
Yttrium	89-1				112		%
Yttrium	89-2				106		%
Zinc	66-2	70.72	70.72	68.78	70.07	1.60	ppb
Zirconium	90-1	2.35	2.32	2.22	2.30	3.12	ppb
Zirconium	91-1	2.16	2.24	2.31	2.24	3.25	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	CCV04	Instrumnet Name :	P7
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 13:01:41	DataFile Name :	089CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47142.86	46842.93	47402.34	47129.38	0.59	ppb
Antimony	121-1	496.11	513.41	520.31	509.94	2.45	ppb
Arsenic	75-2	474.11	467.84	475.02	472.32	0.83	ppb
Barium	135-1	2200.90	2265.51	2294.73	2253.71	2.13	ppb
Barium	137-1	2302.38	2347.25	2379.42	2343.02	1.65	ppb
Beryllium	9-1	462.59	484.63	474.58	473.94	2.33	ppb
Bismuth	209-1				90		%
Bismuth	209-2				87		%
Boron	10-1	427.89	453.78	462.54	448.07	4.02	ppb
Boron	11-1	430.95	467.81	466.76	455.18	4.61	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	511.31	533.93	533.91	526.38	2.48	ppb
Cadmium	106-1	509.96	536.00	525.96	523.97	2.51	ppb
Cadmium	108-1	508.27	534.73	540.76	527.92	3.27	ppb
Calcium	43-1	244774.21	249080.62	253356.11	249070.31	1.72	ppb
Calcium	44-1	234961.87	241546.05	243228.00	239911.97	1.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	473.53	474.44	473.39	473.78	0.12	ppb
Cobalt	59-2	468.87	469.28	463.62	467.26	0.68	ppb
Copper	63-2	4751.80	4761.31	4708.17	4740.42	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				100		%
Holmium	165-2				96		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	56-2	120135.90	120434.17	120223.25	120264.44	0.13	ppb
Iron	57-2	120907.31	120132.30	120993.50	120677.71	0.39	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	CCV04	Instrumnet Name :	P7
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 13:01:41	DataFile Name :	089CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	120026.18	121231.64	119498.30	120252.04	0.74	ppb
Krypton	83-1						cps
Lead	206-1	2408.44	2456.67	2413.50	2426.20	1.09	ppb
Lead	207-1	2390.77	2452.97	2447.82	2430.52	1.42	ppb
Lead	208-1	2391.83	2447.90	2438.43	2426.06	1.24	ppb
Lithium	6-1				94		%
Magnesium	24-2	243721.86	241723.71	242895.43	242780.33	0.41	ppb
Manganese	55-2	4844.49	4892.42	4825.22	4854.05	0.71	ppb
Molybdenum	94-1	2348.82	2391.79	2351.61	2364.07	1.02	ppb
Molybdenum	95-1	2338.60	2386.84	2418.28	2381.24	1.69	ppb
Molybdenum	96-1	2340.02	2418.49	2400.80	2386.44	1.72	ppb
Molybdenum	97-1	2248.31	2294.30	2305.33	2282.65	1.32	ppb
Molybdenum	98-1	2329.96	2391.27	2424.56	2381.93	2.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	460.08	464.31	459.86	461.42	0.54	ppb
Phosphorus	31-2	9748.45	9803.26	9632.17	9727.96	0.90	ppb
Potassium	39-2	120297.26	119049.30	120792.58	120046.38	0.75	ppb
Rhodium	103-1				97		%
Rhodium	103-2				93		%
Scandium	45-1				99		%
Scandium	45-2				101		%
Selenium	82-1	495.87	514.01	514.09	507.99	2.07	ppb
Selenium	77-2	537.31	538.78	532.32	536.14	0.63	ppb
Selenium	78-2	511.03	512.93	519.75	514.57	0.89	ppb
Silicon	28-1	417.39	444.72	455.90	439.34	4.51	ppb
Silver	107-1	497.17	517.45	517.90	510.84	2.32	ppb
Silver	109-1	495.95	516.74	518.78	510.49	2.48	ppb
Sodium	23-2	245102.80	240063.07	246584.64	243916.84	1.40	ppb
Strontium	86-1	467.61	479.23	478.83	475.22	1.39	ppb
Strontium	88-1	464.85	474.92	484.56	474.78	2.08	ppb
Sulfur	34-1	11503.34	11324.92	11678.49	11502.25	1.54	ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	464.62	471.36	470.46	468.81	0.78	ppb
Thallium	205-1	486.03	492.94	487.04	488.67	0.76	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	CCV04	Instrumnet Name :	P7
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 13:01:41	DataFile Name :	089CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	489.52	498.81	507.17	498.50	1.77	ppb
Tin	118-1	452.72	476.86	480.01	469.86	3.18	ppb
Titanium	47-1	2267.92	2326.39	2345.98	2313.43	1.76	ppb
Uranium	238-1	498.58	498.15	501.85	499.53	0.40	ppb
Vanadium	51-2	475.14	477.79	474.33	475.76	0.38	ppb
Yttrium	89-1				103		%
Yttrium	89-2				100		%
Zinc	66-2	4672.72	4654.93	4656.58	4661.41	0.21	ppb
Zirconium	90-1	451.67	462.87	465.93	460.16	1.63	ppb
Zirconium	91-1	455.63	467.23	469.08	463.98	1.57	ppb

LB Number : LB114597 Operator : JASWAL
 Lab Sample ID : CCB04 Instrumnet Name : P7
 Client Sample ID : CCB04 Dilution Factor : 1
 Date & Time Acquired :: 2021-05-21 13:12:06 DataFile Name : 090CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.82	2.07	1.16	2.02	41.24	ppb
Antimony	121-1	0.08	0.09	0.08	0.08	4.91	ppb
Arsenic	75-2	0.03	0.02	0.00	0.02	82.89	ppb
Barium	135-1	0.08	0.13	0.07	0.09	32.99	ppb
Barium	137-1	0.07	0.10	0.10	0.09	19.63	ppb
Beryllium	9-1	0.03	0.05	0.07	0.05	44.68	ppb
Bismuth	209-1				97		%
Bismuth	209-2				95		%
Boron	10-1	3.47	2.82	2.43	2.91	18.23	ppb
Boron	11-1	3.19	3.44	3.03	3.22	6.45	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.02	0.03	-0.02	0.01	308.32	ppb
Cadmium	106-1	-0.34	-0.25	-2.66	-1.08		ppb
Cadmium	108-1	-0.11	-0.01	0.02	-0.04		ppb
Calcium	43-1	15.36	10.93	9.39	11.89	26.06	ppb
Calcium	44-1	8.34	8.47	11.89	9.57	21.00	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.02	0.00	0.01	160.04	ppb
Cobalt	59-2	0.01	0.01	0.02	0.01	25.94	ppb
Copper	63-2	0.34	0.41	0.40	0.38	9.65	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				103		%
Holmium	165-2				99		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	56-2	5.49	5.66	5.66	5.60	1.75	ppb
Iron	57-2	5.72	4.69	5.76	5.39	11.27	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	CCB04	Instrumnet Name :	P7
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 13:12:06	DataFile Name :	090CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	7.11	6.84	7.05	7.00	2.03	ppb
Krypton	83-1						cps
Lead	206-1	0.28	0.24	0.25	0.26	8.69	ppb
Lead	207-1	0.22	0.26	0.23	0.23	7.71	ppb
Lead	208-1	0.24	0.24	0.24	0.24	0.26	ppb
Lithium	6-1				99		%
Magnesium	24-2	10.27	10.72	10.43	10.48	2.17	ppb
Manganese	55-2	0.21	0.24	0.21	0.22	8.34	ppb
Molybdenum	94-1	0.13	0.12	0.12	0.12	7.59	ppb
Molybdenum	95-1	0.13	0.13	0.17	0.14	14.70	ppb
Molybdenum	96-1	0.12	0.13	0.11	0.12	6.85	ppb
Molybdenum	97-1	0.14	0.10	0.12	0.12	16.63	ppb
Molybdenum	98-1	0.10	0.14	0.11	0.12	16.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.03	-0.03	0.01	444.32	ppb
Phosphorus	31-2	-5.42	-20.75	6.12	-6.68		ppb
Potassium	39-2	29.92	19.38	20.98	23.43	24.24	ppb
Rhodium	103-1				105		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	82-1	-2.64	-1.73	-2.17	-2.18		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.28	0.07	-0.44	-0.22		ppb
Silicon	28-1	-7.38	-5.44	-6.31	-6.37		ppb
Silver	107-1	0.03	0.02	0.04	0.03	26.89	ppb
Silver	109-1	0.02	3.48	0.29	1.26	152.36	ppb
Sodium	23-2	50.33	50.59	46.61	49.18	4.52	ppb
Strontium	86-1	0.00	0.01	0.01	0.01	66.05	ppb
Strontium	88-1	0.02	0.02	0.02	0.02	3.83	ppb
Sulfur	34-1	1028.84	1328.30	1319.35	1225.50	13.90	ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	0.32	0.30	0.30	0.31	4.05	ppb
Thallium	205-1	0.29	0.33	0.31	0.31	6.70	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	CCB04	Instrumnet Name :	P7
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 13:12:06	DataFile Name :	090CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.02	0.03	0.03	0.03	11.73	ppb
Tin	118-1	0.03	0.05	0.05	0.04	28.36	ppb
Titanium	47-1	0.09	0.11	0.11	0.10	10.52	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	9.66	ppb
Vanadium	51-2	0.02	0.03	0.02	0.02	10.74	ppb
Yttrium	89-1				106		%
Yttrium	89-2				101		%
Zinc	66-2	0.44	0.16	0.38	0.33	44.47	ppb
Zirconium	90-1	0.03	0.04	0.03	0.03	17.21	ppb
Zirconium	91-1	0.05	0.05	0.05	0.05	3.57	ppb

LB Number : LB114597 Operator : JASWAL
 Lab Sample ID : PB136475TB Instrumnet Name : P7
 Client Sample ID : PB136475TB Dilution Factor : 1
 Date & Time Acquired :: 2021-05-21 13:26:25 DataFile Name : 091CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.14	0.06	0.66	0.29	113.94	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	10.83	ppb
Arsenic	75-2	-0.02	0.00	-0.01	-0.01		ppb
Barium	135-1	0.01	0.00	0.01	0.01	123.60	ppb
Barium	137-1	0.00	-0.01	0.00	0.00		ppb
Beryllium	9-1	0.00	0.02	0.03	0.02	97.09	ppb
Bismuth	209-1				96		%
Bismuth	209-2				96		%
Boron	10-1	0.55	0.92	0.96	0.81	27.78	ppb
Boron	11-1	1.12	1.00	1.34	1.15	15.07	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.01	-0.02	0.01	-0.01		ppb
Cadmium	106-1	-0.61	-1.33	0.22	-0.57		ppb
Cadmium	108-1	-0.05	-0.05	-0.10	-0.07		ppb
Calcium	43-1	-1.80	-2.70	1.39	-1.04		ppb
Calcium	44-1	-3.80	-0.13	-1.91	-1.94		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	0.00		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.11	0.07	0.08	0.09	22.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	56-2	0.24	0.29	0.27	0.27	9.64	ppb
Iron	57-2	-0.03	0.03	-0.35	-0.12		ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	PB136475TB	Instrumnet Name :	P7
Client Sample ID :	PB136475TB	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 13:26:25	DataFile Name :	091CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	1.96	1.03	1.46	1.48	31.63	ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.07	0.07	0.07	4.55	ppb
Lead	207-1	0.03	0.03	0.06	0.04	51.53	ppb
Lead	208-1	0.05	0.06	0.06	0.06	10.74	ppb
Lithium	6-1				98		%
Magnesium	24-2	-0.24	-0.31	-0.36	-0.30		ppb
Manganese	55-2	0.04	0.04	0.03	0.04	22.87	ppb
Molybdenum	94-1	-0.01	0.02	-0.02	0.00	3248.81	ppb
Molybdenum	95-1	-0.01	0.00	0.01	0.00	451.11	ppb
Molybdenum	96-1	0.01	0.00	-0.01	0.00	1947.67	ppb
Molybdenum	97-1	0.02	0.00	0.00	0.01	160.45	ppb
Molybdenum	98-1	0.01	0.00	0.00	0.00	304.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.01	-0.01	-0.01		ppb
Phosphorus	31-2	-13.59	-4.71	-7.02	-8.44		ppb
Potassium	39-2	27.09	13.01	17.11	19.07	37.96	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				101		%
Scandium	45-2				105		%
Selenium	82-1	-1.75	-1.33	-0.59	-1.23		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.65	-0.31	0.83	-0.04		ppb
Silicon	28-1	-7.96	-7.72	-5.62	-7.10		ppb
Silver	107-1	0.00	0.01	0.01	0.01	52.22	ppb
Silver	109-1	0.00	0.01	0.01	0.00	106.94	ppb
Sodium	23-2	32.34	27.76	28.26	29.45	8.53	ppb
Strontium	86-1	0.00	-0.02	-0.01	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	32.54	ppb
Sulfur	34-1	1130.02	1309.97	1849.60	1429.86	26.19	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	0.25	0.27	0.29	0.27	6.10	ppb
Thallium	205-1	0.26	0.27	0.28	0.27	5.22	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	PB136475TB	Instrumnet Name :	P7
Client Sample ID :	PB136475TB	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 13:26:25	DataFile Name :	091CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	53.10	ppb
Tin	118-1	0.03	0.01	0.06	0.03	70.03	ppb
Titanium	47-1	-0.03	0.00	-0.01	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	149.63	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				106		%
Yttrium	89-2				103		%
Zinc	66-2	0.22	0.24	0.09	0.18	44.13	ppb
Zirconium	90-1	0.00	0.01	0.01	0.00	47.38	ppb
Zirconium	91-1	0.01	0.03	0.02	0.02	51.70	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	CCV05	Instrumnet Name :	P7
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 13:34:37	DataFile Name :	092CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46790.41	46682.55	46731.22	46734.72	0.12	ppb
Antimony	121-1	485.77	514.60	519.35	506.58	3.59	ppb
Arsenic	75-2	471.78	474.15	484.27	476.74	1.39	ppb
Barium	135-1	2174.49	2264.62	2286.04	2241.72	2.64	ppb
Barium	137-1	2273.55	2385.73	2395.36	2351.55	2.88	ppb
Beryllium	9-1	463.98	476.17	485.43	475.19	2.26	ppb
Bismuth	209-1				93		%
Bismuth	209-2				89		%
Boron	10-1	421.58	447.60	479.95	449.71	6.50	ppb
Boron	11-1	430.37	458.94	486.05	458.45	6.07	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	496.05	520.59	524.82	513.82	3.02	ppb
Cadmium	106-1	489.22	520.33	524.72	511.42	3.78	ppb
Cadmium	108-1	498.21	522.03	521.79	514.01	2.66	ppb
Calcium	43-1	239720.94	247693.79	258017.86	248477.53	3.69	ppb
Calcium	44-1	229593.80	234599.56	248335.40	237509.59	4.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	469.45	469.46	478.83	472.58	1.15	ppb
Cobalt	59-2	461.66	461.67	468.52	463.95	0.85	ppb
Copper	63-2	4622.40	4622.62	4704.90	4649.97	1.02	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				104		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	56-2	119651.85	118399.42	119508.02	119186.43	0.58	ppb
Iron	57-2	118847.02	118357.42	120174.28	119126.24	0.79	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	CCV05	Instrumnet Name :	P7
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 13:34:37	DataFile Name :	092CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	119829.28	118967.65	121466.16	120087.70	1.06	ppb
Krypton	83-1						cps
Lead	206-1	2343.31	2426.03	2472.98	2414.11	2.72	ppb
Lead	207-1	2373.15	2415.31	2437.02	2408.49	1.35	ppb
Lead	208-1	2349.81	2407.45	2456.76	2404.67	2.23	ppb
Lithium	6-1				100		%
Magnesium	24-2	241674.07	239975.94	243382.15	241677.38	0.70	ppb
Manganese	55-2	4862.61	4820.44	4872.70	4851.92	0.57	ppb
Molybdenum	94-1	2295.60	2350.00	2447.03	2364.21	3.24	ppb
Molybdenum	95-1	2293.08	2334.64	2453.31	2360.35	3.52	ppb
Molybdenum	96-1	2302.58	2337.76	2448.62	2362.98	3.23	ppb
Molybdenum	97-1	2219.10	2231.58	2343.23	2264.64	3.02	ppb
Molybdenum	98-1	2296.52	2307.45	2422.51	2342.16	2.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	459.89	458.29	462.08	460.09	0.41	ppb
Phosphorus	31-2	9805.94	9705.68	9720.54	9744.05	0.56	ppb
Potassium	39-2	119008.19	119315.63	119718.21	119347.34	0.30	ppb
Rhodium	103-1				101		%
Rhodium	103-2				96		%
Scandium	45-1				104		%
Scandium	45-2				106		%
Selenium	82-1	463.80	476.90	497.03	479.24	3.49	ppb
Selenium	77-2	524.47	518.86	527.11	523.48	0.80	ppb
Selenium	78-2	489.14	500.32	503.90	497.78	1.55	ppb
Silicon	28-1	427.42	470.05	513.61	470.36	9.16	ppb
Silver	107-1	477.12	505.18	510.78	497.70	3.62	ppb
Silver	109-1	477.63	503.37	510.82	497.27	3.50	ppb
Sodium	23-2	244703.41	245206.16	243586.37	244498.65	0.34	ppb
Strontium	86-1	455.76	467.63	482.28	468.56	2.83	ppb
Strontium	88-1	459.30	471.50	488.12	472.97	3.06	ppb
Sulfur	34-1	10174.45	10484.04	11446.42	10701.64	6.20	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	451.47	469.69	485.39	468.85	3.62	ppb
Thallium	205-1	466.92	480.76	498.00	481.89	3.23	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	CCV05	Instrumnet Name :	P7
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 13:34:37	DataFile Name :	092CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	485.51	499.22	508.57	497.77	2.33	ppb
Tin	118-1	451.11	472.46	478.75	467.44	3.10	ppb
Titanium	47-1	2227.07	2310.24	2402.37	2313.22	3.79	ppb
Uranium	238-1	480.91	498.53	495.48	491.64	1.92	ppb
Vanadium	51-2	471.69	474.44	481.71	475.95	1.09	ppb
Yttrium	89-1				108		%
Yttrium	89-2				103		%
Zinc	66-2	4585.81	4601.61	4664.04	4617.15	0.90	ppb
Zirconium	90-1	439.20	450.99	475.97	455.39	4.12	ppb
Zirconium	91-1	445.33	456.98	479.05	460.45	3.72	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 13:51:48	DataFile Name :	094LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.05	17.48	19.86	19.47	9.35	ppb
Antimony	121-1	1.96	2.00	2.01	1.99	1.28	ppb
Arsenic	75-2	1.05	1.25	0.94	1.08	14.63	ppb
Barium	135-1	9.06	9.96	9.46	9.49	4.72	ppb
Barium	137-1	9.57	9.75	9.60	9.64	1.01	ppb
Beryllium	9-1	1.03	0.96	1.01	1.00	3.62	ppb
Bismuth	209-1				99		%
Bismuth	209-2				95		%
Boron	10-1	23.10	24.06	24.09	23.75	2.36	ppb
Boron	11-1	23.72	24.60	25.17	24.49	3.00	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.98	1.13	1.11	1.07	7.55	ppb
Cadmium	106-1	-1.13	-2.35	-0.62	-1.37		ppb
Cadmium	108-1	0.75	0.88	0.50	0.71	27.16	ppb
Calcium	43-1	517.99	528.30	562.64	536.31	4.36	ppb
Calcium	44-1	515.37	522.63	517.12	518.37	0.73	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.04	2.01	1.92	1.99	3.29	ppb
Cobalt	59-2	1.07	1.03	1.03	1.04	2.12	ppb
Copper	63-2	2.11	2.11	2.14	2.12	0.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				106		%
Indium	115-2				103		%
Iron	56-2	51.81	52.24	52.07	52.04	0.41	ppb
Iron	57-2	50.10	48.92	54.29	51.10	5.52	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 13:51:48	DataFile Name :	094LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	59.00	53.36	57.35	56.57	5.12	ppb
Krypton	83-1						cps
Lead	206-1	1.07	1.00	1.01	1.03	3.85	ppb
Lead	207-1	1.03	1.01	0.96	1.00	3.46	ppb
Lead	208-1	1.04	1.01	0.97	1.01	3.35	ppb
Lithium	6-1				100		%
Magnesium	24-2	492.53	478.26	488.37	486.39	1.51	ppb
Manganese	55-2	1.22	1.17	1.22	1.20	2.40	ppb
Molybdenum	94-1	4.57	4.80	4.87	4.74	3.35	ppb
Molybdenum	95-1	4.61	4.65	4.70	4.66	0.97	ppb
Molybdenum	96-1	4.78	4.60	4.78	4.72	2.20	ppb
Molybdenum	97-1	4.76	4.92	4.72	4.80	2.21	ppb
Molybdenum	98-1	4.97	4.65	4.70	4.77	3.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.12	1.09	1.07	1.09	2.13	ppb
Phosphorus	31-2	-7.16	-9.68	-9.85	-8.90		ppb
Potassium	39-2	526.72	531.03	539.00	532.25	1.17	ppb
Rhodium	103-1				105		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Selenium	82-1	4.38	3.53	4.12	4.01	10.90	ppb
Selenium	77-2	5.62	5.23	6.28	5.71	9.24	ppb
Selenium	78-2	2.92	5.51	3.84	4.09	32.18	ppb
Silicon	28-1	-0.41	2.34	0.96	0.96	142.86	ppb
Silver	107-1	1.04	1.04	1.02	1.03	0.83	ppb
Silver	109-1	0.97	1.02	0.93	0.97	4.82	ppb
Sodium	23-2	542.14	533.41	540.06	538.54	0.85	ppb
Strontium	86-1	0.09	0.08	0.11	0.09	13.01	ppb
Strontium	88-1	0.10	0.10	0.10	0.10	1.90	ppb
Sulfur	34-1	1281.46	1020.99	873.29	1058.58	19.52	ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	1.14	1.14	1.09	1.12	2.59	ppb
Thallium	205-1	1.10	1.12	1.03	1.08	4.66	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 13:51:48	DataFile Name :	094LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	24.03	ppb
Tin	118-1	5.06	5.04	4.94	5.01	1.32	ppb
Titanium	47-1	4.66	4.67	4.85	4.73	2.33	ppb
Uranium	238-1	0.92	0.92	0.90	0.91	1.21	ppb
Vanadium	51-2	5.00	5.05	5.06	5.04	0.61	ppb
Yttrium	89-1				106		%
Yttrium	89-2				103		%
Zinc	66-2	2.15	2.49	2.45	2.37	7.86	ppb
Zirconium	90-1	0.93	0.88	0.94	0.92	3.77	ppb
Zirconium	91-1	0.97	0.87	1.01	0.95	7.52	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	CCB05	Instrumnet Name :	P7
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 13:54:54	DataFile Name :	095CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.05	0.31	0.02	0.13	125.50	ppb
Antimony	121-1	0.02	0.01	0.02	0.01	42.97	ppb
Arsenic	75-2	-0.01	-0.01	-0.01	-0.01		ppb
Barium	135-1	-0.01	-0.01	0.00	-0.01		ppb
Barium	137-1	-0.01	0.01	0.00	0.00	2174.70	ppb
Beryllium	9-1	0.00	0.03	0.03	0.02	97.31	ppb
Bismuth	209-1				97		%
Bismuth	209-2				90		%
Boron	10-1	3.20	3.05	1.72	2.66	30.71	ppb
Boron	11-1	2.82	2.43	2.29	2.51	11.06	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.01	0.01	0.03	0.01	195.84	ppb
Cadmium	106-1	-0.88	0.06	1.00	0.06	1518.21	ppb
Cadmium	108-1	-0.17	-0.05	-0.17	-0.13		ppb
Calcium	43-1	-1.95	-2.81	-4.64	-3.13		ppb
Calcium	44-1	-4.06	-5.93	-2.52	-4.17		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.11	0.00	-0.02	0.03	222.34	ppb
Cobalt	59-2	0.02	0.01	0.01	0.01	47.35	ppb
Copper	63-2	0.13	0.08	0.07	0.09	35.78	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				103		%
Holmium	165-2				95		%
Indium	115-1				107		%
Indium	115-2				97		%
Iron	56-2	0.52	0.28	0.18	0.33	52.83	ppb
Iron	57-2	0.45	0.36	-0.05	0.25	103.90	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	CCB05	Instrumnet Name :	P7
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 13:54:54	DataFile Name :	095CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2.08	1.44	0.42	1.31	63.45	ppb
Krypton	83-1						cps
Lead	206-1	0.09	0.10	0.10	0.10	3.93	ppb
Lead	207-1	0.09	0.08	0.08	0.08	7.05	ppb
Lead	208-1	0.09	0.08	0.10	0.09	6.19	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.17	-0.21	-0.27	-0.10		ppb
Manganese	55-2	0.03	0.01	0.02	0.02	44.63	ppb
Molybdenum	94-1	0.00	-0.02	0.01	0.00		ppb
Molybdenum	95-1	0.01	0.01	0.00	0.01	59.63	ppb
Molybdenum	96-1	0.00	-0.01	0.00	0.00		ppb
Molybdenum	97-1	0.00	0.01	0.00	0.00	144.21	ppb
Molybdenum	98-1	0.00	0.01	0.01	0.01	143.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.02	-0.02	0.00	54078.66	ppb
Phosphorus	31-2	-0.96	6.47	5.01	3.51	112.18	ppb
Potassium	39-2	61.18	18.76	19.80	33.25	72.78	ppb
Rhodium	103-1				107		%
Rhodium	103-2				96		%
Scandium	45-1				103		%
Scandium	45-2				98		%
Selenium	82-1	-0.08	-1.11	-0.60	-0.59		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.28	-0.67	-0.15	0.15	675.46	ppb
Silicon	28-1	-8.52	-8.52	-7.09	-8.05		ppb
Silver	107-1	0.01	0.00	0.01	0.01	35.42	ppb
Silver	109-1	0.01	0.01	0.01	0.01	14.13	ppb
Sodium	23-2	46.84	30.54	31.36	36.25	25.34	ppb
Strontium	86-1	-0.02	-0.02	0.00	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	164.49	ppb
Sulfur	34-1	778.66	1275.98	1450.52	1168.39	29.84	ppb
Terbium	159-1				103		%
Terbium	159-2				94		%
Thallium	203-1	0.12	0.13	0.14	0.13	11.28	ppb
Thallium	205-1	0.14	0.15	0.15	0.15	4.92	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	CCB05	Instrumnet Name :	P7
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 13:54:54	DataFile Name :	095CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	63.38	ppb
Tin	118-1	0.05	0.06	0.07	0.06	21.01	ppb
Titanium	47-1	-0.05	0.01	0.02	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	58.33	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				108		%
Yttrium	89-2				97		%
Zinc	66-2	0.27	0.04	0.02	0.11	125.54	ppb
Zirconium	90-1	0.00	0.01	0.00	0.01	73.09	ppb
Zirconium	91-1	0.00	0.03	0.00	0.01	114.61	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 13:58:01	DataFile Name :	096LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.14	19.98	23.10	21.07	8.33	ppb
Antimony	121-1	1.89	1.92	2.08	1.96	5.41	ppb
Arsenic	75-2	1.03	1.13	1.01	1.06	5.78	ppb
Barium	135-1	9.33	9.57	9.82	9.57	2.53	ppb
Barium	137-1	9.34	9.90	10.36	9.87	5.16	ppb
Beryllium	9-1	1.09	1.03	1.12	1.08	4.05	ppb
Bismuth	209-1				100		%
Bismuth	209-2				96		%
Boron	10-1	22.78	24.17	29.18	25.38	13.26	ppb
Boron	11-1	23.77	23.79	27.24	24.93	8.01	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.03	1.03	1.21	1.09	9.76	ppb
Cadmium	106-1	0.57	0.91	1.46	0.98	45.64	ppb
Cadmium	108-1	0.86	0.97	0.82	0.88	8.73	ppb
Calcium	43-1	505.30	550.45	550.99	535.58	4.90	ppb
Calcium	44-1	503.02	520.51	561.95	528.49	5.73	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.93	2.09	2.00	2.01	3.93	ppb
Cobalt	59-2	1.07	1.02	1.04	1.04	2.23	ppb
Copper	63-2	2.09	2.14	2.02	2.08	2.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				106		%
Indium	115-2				103		%
Iron	56-2	53.03	53.22	51.13	52.46	2.20	ppb
Iron	57-2	54.20	54.54	52.05	53.60	2.52	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 13:58:01	DataFile Name :	096LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	58.14	54.19	57.28	56.54	3.67	ppb
Krypton	83-1						cps
Lead	206-1	0.96	1.06	1.06	1.02	5.51	ppb
Lead	207-1	0.99	1.00	1.12	1.04	6.95	ppb
Lead	208-1	0.94	1.03	1.11	1.03	7.97	ppb
Lithium	6-1				101		%
Magnesium	24-2	496.02	501.65	483.69	493.79	1.86	ppb
Manganese	55-2	1.18	1.12	1.10	1.13	3.66	ppb
Molybdenum	94-1	4.52	4.73	5.08	4.78	5.86	ppb
Molybdenum	95-1	4.62	4.75	4.76	4.71	1.58	ppb
Molybdenum	96-1	4.60	4.65	5.07	4.77	5.36	ppb
Molybdenum	97-1	4.65	4.47	5.20	4.77	7.93	ppb
Molybdenum	98-1	4.47	4.62	4.98	4.69	5.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.09	1.17	0.98	1.08	8.76	ppb
Phosphorus	31-2	-1.51	-6.12	-7.01	-4.88		ppb
Potassium	39-2	538.56	539.44	520.08	532.70	2.05	ppb
Rhodium	103-1				106		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				105		%
Selenium	82-1	3.08	3.41	7.52	4.67	52.88	ppb
Selenium	77-2	5.24	10.51	6.25	7.33	38.11	ppb
Selenium	78-2	4.20	6.65	4.15	5.00	28.62	ppb
Silicon	28-1	-1.48	-0.35	3.60	0.59	450.76	ppb
Silver	107-1	0.99	0.97	1.04	1.00	3.76	ppb
Silver	109-1	0.98	1.01	1.06	1.02	3.87	ppb
Sodium	23-2	545.76	536.51	526.22	536.16	1.82	ppb
Strontium	86-1	0.08	0.10	0.08	0.09	11.70	ppb
Strontium	88-1	0.10	0.10	0.10	0.10	4.46	ppb
Sulfur	34-1	726.24	957.29	1797.90	1160.47	48.60	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	1.01	1.13	1.17	1.10	7.51	ppb
Thallium	205-1	0.99	1.16	1.16	1.10	8.67	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 13:58:01	DataFile Name :	096LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	143.79	ppb
Tin	118-1	5.01	5.09	5.48	5.19	4.87	ppb
Titanium	47-1	5.41	4.43	4.86	4.90	10.00	ppb
Uranium	238-1	0.85	0.95	0.97	0.92	6.94	ppb
Vanadium	51-2	4.99	5.00	4.93	4.97	0.80	ppb
Yttrium	89-1				107		%
Yttrium	89-2				103		%
Zinc	66-2	2.50	2.34	2.38	2.41	3.36	ppb
Zirconium	90-1	0.91	0.98	1.01	0.97	5.50	ppb
Zirconium	91-1	0.92	0.91	0.97	0.93	3.00	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	PB136475BL	Instrumnet Name :	P7
Client Sample ID :	PB136475BL	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 14:01:06	DataFile Name :	097CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.01	-0.05	-0.04	-0.02		ppb
Antimony	121-1	0.02	0.01	0.00	0.01	66.20	ppb
Arsenic	75-2	-0.02	-0.01	-0.02	-0.02		ppb
Barium	135-1	-0.01	0.01	0.01	0.00	217.34	ppb
Barium	137-1	-0.01	0.00	-0.01	-0.01		ppb
Beryllium	9-1	0.00	0.04	0.01	0.02	120.61	ppb
Bismuth	209-1				96		%
Bismuth	209-2				95		%
Boron	10-1	1.55	2.00	2.28	1.95	18.87	ppb
Boron	11-1	2.16	2.09	2.27	2.17	4.24	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.03	0.05	0.01	0.03	69.06	ppb
Cadmium	106-1	0.95	1.77	-0.41	0.77	143.51	ppb
Cadmium	108-1	-0.14	-0.17	-0.20	-0.17		ppb
Calcium	43-1	-2.78	1.11	-0.26	-0.64		ppb
Calcium	44-1	-3.44	-1.48	-3.69	-2.87		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	-0.05	0.01	-0.02		ppb
Cobalt	59-2	0.00	0.01	0.01	0.01	38.28	ppb
Copper	63-2	0.08	0.05	0.06	0.07	24.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	56-2	0.22	0.33	0.26	0.27	20.05	ppb
Iron	57-2	0.22	0.66	0.55	0.48	48.45	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	PB136475BL	Instrumnet Name :	P7
Client Sample ID :	PB136475BL	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 14:01:06	DataFile Name :	097CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	1.26	1.90	1.39	1.52	22.43	ppb
Krypton	83-1						cps
Lead	206-1	0.10	0.08	0.11	0.09	17.87	ppb
Lead	207-1	0.08	0.06	0.08	0.07	16.12	ppb
Lead	208-1	0.08	0.07	0.09	0.08	9.68	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.40	0.04	-0.12	-0.16		ppb
Manganese	55-2	0.04	0.03	0.02	0.03	32.78	ppb
Molybdenum	94-1	-0.04	-0.02	-0.02	-0.03		ppb
Molybdenum	95-1	0.00	0.00	0.01	0.01	83.27	ppb
Molybdenum	96-1	-0.01	0.00	-0.01	0.00		ppb
Molybdenum	97-1	0.01	0.00	0.00	0.00	78.35	ppb
Molybdenum	98-1	0.00	0.01	0.00	0.00	219.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	0.00	-0.05	-0.03		ppb
Phosphorus	31-2	6.29	-6.70	-9.48	-3.30		ppb
Potassium	39-2	21.31	23.11	24.23	22.88	6.42	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				105		%
Selenium	82-1	-0.94	-0.24	-1.39	-0.86		ppb
Selenium	77-2	0.35	0.00	0.00	0.12	173.21	ppb
Selenium	78-2	0.56	0.39	-0.75	0.07	1074.29	ppb
Silicon	28-1	-8.79	-2.04	-6.00	-5.61		ppb
Silver	107-1	0.01	0.00	0.01	0.01	41.51	ppb
Silver	109-1	0.01	0.01	0.02	0.01	37.83	ppb
Sodium	23-2	28.77	29.70	30.29	29.59	2.59	ppb
Strontium	86-1	-0.02	0.00	-0.01	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	26.69	ppb
Sulfur	34-1	1362.74	1595.01	1811.23	1589.66	14.11	ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	0.15	0.14	0.14	0.14	2.39	ppb
Thallium	205-1	0.14	0.13	0.14	0.14	6.13	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	PB136475BL	Instrumnet Name :	P7
Client Sample ID :	PB136475BL	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 14:01:06	DataFile Name :	097CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	16.19	ppb
Tin	118-1	0.02	0.04	0.07	0.04	60.21	ppb
Titanium	47-1	0.00	0.00	-0.04	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	165.69	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	981.22	ppb
Yttrium	89-1				106		%
Yttrium	89-2				102		%
Zinc	66-2	-0.01	0.12	0.20	0.10	99.35	ppb
Zirconium	90-1	-0.01	0.00	0.00	0.00		ppb
Zirconium	91-1	0.02	0.02	0.00	0.02	74.01	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	PB136475BS	Instrumnet Name :	P7
Client Sample ID :	PB136475BS	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 14:04:13	DataFile Name :	098LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9507.78	9374.05	9454.18	9445.34	0.71	ppb
Antimony	121-1	464.89	478.36	474.15	472.47	1.46	ppb
Arsenic	75-2	485.22	492.14	491.79	489.71	0.80	ppb
Barium	135-1	2254.08	2329.30	2306.15	2296.51	1.68	ppb
Barium	137-1	2368.88	2428.63	2434.68	2410.73	1.51	ppb
Beryllium	9-1	471.93	477.60	478.74	476.09	0.77	ppb
Bismuth	209-1				96		%
Bismuth	209-2				93		%
Boron	10-1	426.58	444.46	453.78	441.61	3.13	ppb
Boron	11-1	420.25	455.31	468.38	447.98	5.56	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	486.00	498.54	496.94	493.83	1.38	ppb
Cadmium	106-1	508.21	509.32	496.49	504.67	1.41	ppb
Cadmium	108-1	494.47	505.58	496.51	498.85	1.19	ppb
Calcium	43-1	52885.48	54302.07	54062.46	53750.00	1.41	ppb
Calcium	44-1	50586.58	51023.43	50814.21	50808.07	0.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	483.88	478.03	482.43	481.45	0.63	ppb
Cobalt	59-2	485.56	479.51	484.81	483.29	0.68	ppb
Copper	63-2	4991.83	4935.66	5024.17	4983.89	0.90	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				104		%
Indium	115-2				100		%
Iron	56-2	24969.77	24764.34	24960.06	24898.05	0.47	ppb
Iron	57-2	24726.46	24520.49	24527.30	24591.42	0.48	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	PB136475BS	Instrumnet Name :	P7
Client Sample ID :	PB136475BS	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 14:04:13	DataFile Name :	098LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	25267.50	25072.41	25015.64	25118.52	0.53	ppb
Krypton	83-1						cps
Lead	206-1	2395.71	2493.28	2420.70	2436.56	2.08	ppb
Lead	207-1	2442.32	2502.83	2468.39	2471.18	1.23	ppb
Lead	208-1	2436.03	2482.08	2440.16	2452.75	1.04	ppb
Lithium	6-1				101		%
Magnesium	24-2	50191.52	48795.96	49659.73	49549.07	1.42	ppb
Manganese	55-2	5044.32	4986.59	4982.20	5004.37	0.69	ppb
Molybdenum	94-1	2355.95	2411.20	2416.34	2394.50	1.40	ppb
Molybdenum	95-1	2342.68	2402.93	2456.81	2400.81	2.38	ppb
Molybdenum	96-1	2384.64	2401.91	2440.44	2409.00	1.19	ppb
Molybdenum	97-1	2275.17	2316.86	2337.12	2309.71	1.37	ppb
Molybdenum	98-1	2369.13	2388.86	2443.46	2400.48	1.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	487.94	481.10	484.66	484.57	0.71	ppb
Phosphorus	31-2	10036.30	9845.03	9761.17	9880.83	1.43	ppb
Potassium	39-2	25051.05	24857.64	24630.47	24846.39	0.85	ppb
Rhodium	103-1				103		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				105		%
Selenium	82-1	476.60	489.34	488.13	484.69	1.45	ppb
Selenium	77-2	509.35	512.08	483.15	501.53	3.18	ppb
Selenium	78-2	501.59	496.38	501.81	499.93	0.61	ppb
Silicon	28-1	440.61	464.39	483.34	462.78	4.63	ppb
Silver	107-1	477.94	486.18	486.66	483.59	1.01	ppb
Silver	109-1	477.77	487.53	483.52	482.94	1.02	ppb
Sodium	23-2	51035.48	50609.58	51114.45	50919.84	0.53	ppb
Strontium	86-1	478.86	484.76	488.89	484.17	1.04	ppb
Strontium	88-1	475.47	485.86	488.27	483.20	1.41	ppb
Sulfur	34-1	11787.33	11802.70	11942.94	11844.33	0.72	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	464.50	475.68	473.54	471.24	1.26	ppb
Thallium	205-1	483.34	496.21	487.26	488.94	1.35	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	PB136475BS	Instrumnet Name :	P7
Client Sample ID :	PB136475BS	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 14:04:13	DataFile Name :	098LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	487.17	493.45	500.55	493.72	1.36	ppb
Tin	118-1	473.68	485.94	481.91	480.51	1.30	ppb
Titanium	47-1	2327.77	2376.50	2399.39	2367.89	1.54	ppb
Uranium	238-1	479.94	492.53	497.72	490.06	1.87	ppb
Vanadium	51-2	484.07	481.40	480.19	481.89	0.41	ppb
Yttrium	89-1				107		%
Yttrium	89-2				102		%
Zinc	66-2	4925.15	4879.66	4884.28	4896.36	0.51	ppb
Zirconium	90-1	455.29	487.24	468.03	470.19	3.42	ppb
Zirconium	91-1	463.32	469.96	474.17	469.15	1.17	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	PB136475TBRE	Instrumnet Name :	P7
Client Sample ID :	PB136475TBRE	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 14:07:09	DataFile Name :	099SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.14	1.84	1.95	1.98	7.50	ppb
Antimony	121-1	0.46	0.45	0.38	0.43	9.71	ppb
Arsenic	75-2	0.05	0.07	0.04	0.05	28.94	ppb
Barium	135-1	0.51	0.27	0.26	0.35	41.82	ppb
Barium	137-1	0.52	0.34	0.22	0.36	43.01	ppb
Beryllium	9-1	0.16	0.13	0.05	0.11	51.63	ppb
Bismuth	209-1				97		%
Bismuth	209-2				95		%
Boron	10-1	27.51	27.71	27.81	27.68	0.55	ppb
Boron	11-1	28.36	26.60	26.12	27.03	4.36	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.16	0.05	0.11	0.11	49.53	ppb
Cadmium	106-1	1.77	-2.12	-0.51	-0.29		ppb
Cadmium	108-1	0.28	-0.01	-0.11	0.05	389.70	ppb
Calcium	43-1	12.26	13.91	12.71	12.96	6.61	ppb
Calcium	44-1	24.46	24.13	20.12	22.90	10.53	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.62	0.54	0.54	0.57	8.18	ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	312.69	ppb
Copper	63-2	1.22	1.01	0.96	1.06	13.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				97		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	56-2	3.74	2.88	2.94	3.19	15.17	ppb
Iron	57-2	3.68	4.21	2.33	3.41	28.40	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	PB136475TBRE	Instrumnet Name :	P7
Client Sample ID :	PB136475TBRE	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 14:07:09	DataFile Name :	099SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	6.15	2.59	4.69	4.48	39.96	ppb
Krypton	83-1						cps
Lead	206-1	1.81	1.30	0.94	1.35	32.27	ppb
Lead	207-1	1.75	1.23	0.92	1.30	32.29	ppb
Lead	208-1	1.79	1.27	0.97	1.34	31.06	ppb
Lithium	6-1				100		%
Magnesium	24-2	2.86	1.93	1.13	1.97	43.93	ppb
Manganese	55-2	0.52	0.39	0.37	0.43	19.41	ppb
Molybdenum	94-1	0.57	0.42	0.32	0.44	29.29	ppb
Molybdenum	95-1	0.68	0.38	0.33	0.46	39.80	ppb
Molybdenum	96-1	0.69	0.48	0.35	0.51	33.35	ppb
Molybdenum	97-1	0.60	0.54	0.29	0.48	34.31	ppb
Molybdenum	98-1	0.61	0.42	0.40	0.48	23.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.01	0.07	0.04	81.58	ppb
Phosphorus	31-2	-2.98	12.18	0.20	3.13	255.12	ppb
Potassium	39-2	70.69	61.84	73.52	68.68	8.87	ppb
Rhodium	103-1				104		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				102		%
Selenium	82-1	-0.56	-0.69	0.67	-0.19		ppb
Selenium	77-2	0.36	0.72	1.08	0.72	50.14	ppb
Selenium	78-2	0.21	-0.65	0.63	0.07	984.58	ppb
Silicon	28-1	1623.50	1665.67	1637.52	1642.23	1.31	ppb
Silver	107-1	0.34	0.23	0.19	0.26	30.32	ppb
Silver	109-1	0.33	0.24	0.20	0.26	26.08	ppb
Sodium	23-2	85.61	85.81	89.89	87.11	2.77	ppb
Strontium	86-1	0.07	0.05	0.01	0.05	67.19	ppb
Strontium	88-1	0.09	0.06	0.04	0.07	35.57	ppb
Sulfur	34-1	1811.18	2257.23	2028.78	2032.40	10.97	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	1.38	1.03	0.69	1.03	33.19	ppb
Thallium	205-1	1.34	1.07	0.71	1.04	30.56	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	PB136475TBRE	Instrumnet Name :	P7
Client Sample ID :	PB136475TBRE	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 14:07:09	DataFile Name :	099SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.14	0.12	0.10	0.12	20.25	ppb
Tin	118-1	0.44	0.33	0.33	0.37	17.39	ppb
Titanium	47-1	0.56	0.61	0.34	0.50	28.64	ppb
Uranium	238-1	0.09	0.06	0.04	0.06	46.24	ppb
Vanadium	51-2	0.07	0.06	0.04	0.06	24.70	ppb
Yttrium	89-1				105		%
Yttrium	89-2				100		%
Zinc	66-2	1.41	1.27	1.48	1.39	7.84	ppb
Zirconium	90-1	0.11	0.09	0.05	0.08	37.26	ppb
Zirconium	91-1	0.13	0.07	0.11	0.11	27.17	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2409-02DLX10	Instrumnet Name :	P7
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	10
Date & Time Acquired ::	2021-05-21 14:10:16	DataFile Name :	100SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6021.26	6052.62	5985.22	6019.70	0.56	ppb
Antimony	121-1	0.12	0.13	0.12	0.12	3.32	ppb
Arsenic	75-2	0.29	0.33	0.26	0.29	11.54	ppb
Barium	135-1	10.75	10.22	10.66	10.54	2.71	ppb
Barium	137-1	10.74	10.47	10.62	10.61	1.31	ppb
Beryllium	9-1	0.09	0.11	0.10	0.10	6.93	ppb
Bismuth	209-1				97		%
Bismuth	209-2				95		%
Boron	10-1	272.78	300.32	296.34	289.81	5.14	ppb
Boron	11-1	286.25	306.07	307.78	300.03	3.99	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.09	0.09	0.11	0.10	12.00	ppb
Cadmium	106-1	0.61	0.22	0.42	0.42	46.37	ppb
Cadmium	108-1	-0.05	0.10	-0.02	0.01	734.28	ppb
Calcium	43-1	31274.87	31554.23	31589.38	31472.83	0.55	ppb
Calcium	44-1	30118.64	30109.97	30345.20	30191.27	0.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.06	1.98	1.98	2.01	2.14	ppb
Cobalt	59-2	14.64	14.58	14.39	14.54	0.91	ppb
Copper	63-2	37.63	37.25	37.07	37.32	0.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				106		%
Indium	115-2				103		%
Iron	56-2	22658.44	22436.86	22079.85	22391.72	1.30	ppb
Iron	57-2	22180.02	22081.95	21984.53	22082.17	0.44	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2409-02DLX10	Instrumnet Name :	P7
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	10
Date & Time Acquired ::	2021-05-21 14:10:16	DataFile Name :	100SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	22208.72	22566.14	22248.93	22341.26	0.88	ppb
Krypton	83-1						cps
Lead	206-1	1.02	0.98	0.86	0.95	8.94	ppb
Lead	207-1	1.01	0.88	0.84	0.91	9.54	ppb
Lead	208-1	1.01	0.91	0.87	0.93	7.43	ppb
Lithium	6-1				99		%
Magnesium	24-2	6259.64	6244.85	6125.73	6210.07	1.18	ppb
Manganese	55-2	462.43	463.94	459.76	462.04	0.46	ppb
Molybdenum	94-1	0.16	0.14	0.14	0.15	10.72	ppb
Molybdenum	95-1	0.07	0.08	0.05	0.07	21.71	ppb
Molybdenum	96-1	0.10	0.07	0.09	0.09	20.09	ppb
Molybdenum	97-1	0.05	0.07	0.04	0.05	30.36	ppb
Molybdenum	98-1	0.06	0.04	0.05	0.05	11.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.40	9.13	9.06	9.19	1.96	ppb
Phosphorus	31-2	126.51	82.78	116.19	108.49	21.07	ppb
Potassium	39-2	361.14	369.88	355.51	362.18	2.00	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				106		%
Selenium	82-1	-2.54	-1.24	-2.99	-2.26		ppb
Selenium	77-2	2.73	1.35	4.01	2.70	49.28	ppb
Selenium	78-2	1.01	0.04	0.43	0.49	98.27	ppb
Silicon	28-1	5561.83	5621.26	5661.46	5614.85	0.89	ppb
Silver	107-1	0.05	0.07	0.07	0.06	20.97	ppb
Silver	109-1	0.06	0.06	0.06	0.06	1.20	ppb
Sodium	23-2	9381.88	9529.24	9403.73	9438.28	0.84	ppb
Strontium	86-1	6.58	6.68	6.72	6.66	1.05	ppb
Strontium	88-1	6.58	6.67	6.79	6.68	1.60	ppb
Sulfur	34-1	56248.08	56105.18	56270.75	56208.00	0.16	ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	0.12	0.12	0.10	0.11	8.79	ppb
Thallium	205-1	0.11	0.11	0.09	0.11	9.41	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2409-02DLX10	Instrumnet Name :	P7
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	10
Date & Time Acquired ::	2021-05-21 14:10:16	DataFile Name :	100SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.12	0.13	0.13	0.12	2.73	ppb
Tin	118-1	0.22	0.18	0.23	0.21	13.13	ppb
Titanium	47-1	0.55	0.59	0.44	0.53	15.27	ppb
Uranium	238-1	0.61	0.60	0.60	0.60	0.26	ppb
Vanadium	51-2	26.09	25.96	25.77	25.94	0.61	ppb
Yttrium	89-1				109		%
Yttrium	89-2				106		%
Zinc	66-2	112.43	112.76	111.90	112.37	0.39	ppb
Zirconium	90-1	0.07	0.08	0.09	0.08	8.90	ppb
Zirconium	91-1	0.11	0.09	0.12	0.11	14.08	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2409-02DUPDLX10	Instrumnet Name :	P7
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	10
Date & Time Acquired ::	2021-05-21 14:13:20	DataFile Name :	101SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10933.55	10649.57	10638.95	10740.69	1.56	ppb
Antimony	121-1	0.18	0.22	0.23	0.21	11.50	ppb
Arsenic	75-2	0.53	0.53	0.61	0.55	8.37	ppb
Barium	135-1	19.88	19.38	19.84	19.70	1.43	ppb
Barium	137-1	18.96	20.03	19.72	19.57	2.81	ppb
Beryllium	9-1	0.14	0.16	0.18	0.16	12.68	ppb
Bismuth	209-1				107		%
Bismuth	209-2				97		%
Boron	10-1	497.54	523.66	548.22	523.14	4.84	ppb
Boron	11-1	518.47	562.70	576.39	552.52	5.48	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.11	0.12	0.14	0.12	14.40	ppb
Cadmium	106-1	-0.96	-0.76	0.23	-0.50		ppb
Cadmium	108-1	0.12	0.36	0.10	0.19	75.70	ppb
Calcium	43-1	55818.58	57195.23	57512.74	56842.18	1.58	ppb
Calcium	44-1	54331.42	54518.20	55396.49	54748.71	1.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.79	3.76	3.71	3.75	1.02	ppb
Cobalt	59-2	26.78	26.40	26.13	26.44	1.24	ppb
Copper	63-2	66.90	65.92	65.76	66.19	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				106		%
Holmium	165-2				103		%
Indium	115-1				109		%
Indium	115-2				106		%
Iron	56-2	41188.87	40124.27	39636.57	40316.57	1.97	ppb
Iron	57-2	40127.14	39492.98	38963.66	39527.93	1.47	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2409-02DUPDLX10	Instrumnet Name :	P7
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	10
Date & Time Acquired ::	2021-05-21 14:13:20	DataFile Name :	101SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	41431.76	40725.82	40509.99	40889.19	1.18	ppb
Krypton	83-1						cps
Lead	206-1	1.07	1.02	1.03	1.04	2.47	ppb
Lead	207-1	0.97	1.02	0.97	0.99	2.89	ppb
Lead	208-1	1.02	1.02	1.01	1.01	0.66	ppb
Lithium	6-1				97		%
Magnesium	24-2	11275.26	10987.03	10950.97	11071.08	1.61	ppb
Manganese	55-2	848.50	825.68	823.52	832.57	1.66	ppb
Molybdenum	94-1	0.19	0.21	0.25	0.21	15.18	ppb
Molybdenum	95-1	0.04	0.05	0.04	0.04	9.17	ppb
Molybdenum	96-1	0.12	0.15	0.12	0.13	14.23	ppb
Molybdenum	97-1	0.05	0.05	0.05	0.05	1.58	ppb
Molybdenum	98-1	0.06	0.05	0.04	0.05	15.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	16.64	16.29	15.98	16.30	2.00	ppb
Phosphorus	31-2	198.00	183.04	182.48	187.84	4.69	ppb
Potassium	39-2	630.20	614.56	620.26	621.68	1.27	ppb
Rhodium	103-1				107		%
Rhodium	103-2				104		%
Scandium	45-1				104		%
Scandium	45-2				108		%
Selenium	82-1	-0.42	-1.64	-0.51	-0.85		ppb
Selenium	77-2	6.81	4.20	7.07	6.03	26.37	ppb
Selenium	78-2	1.59	0.71	-0.27	0.68	137.84	ppb
Silicon	28-1	10126.09	10537.24	10530.84	10398.06	2.27	ppb
Silver	107-1	0.06	0.10	0.08	0.08	23.57	ppb
Silver	109-1	0.08	0.08	0.09	0.08	4.22	ppb
Sodium	23-2	17254.51	16650.06	16495.58	16800.05	2.39	ppb
Strontium	86-1	11.71	11.73	12.00	11.81	1.39	ppb
Strontium	88-1	11.61	11.72	11.96	11.77	1.54	ppb
Sulfur	34-1	97717.94	98761.84	101315.66	99265.15	1.86	ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	0.05	0.04	0.03	0.04	27.73	ppb
Thallium	205-1	0.05	0.05	0.05	0.05	3.14	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2409-02DUPDLX10	Instrumnet Name :	P7
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	10
Date & Time Acquired ::	2021-05-21 14:13:20	DataFile Name :	101SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.18	0.18	0.18	0.18	2.03	ppb
Tin	118-1	0.35	0.37	0.38	0.37	4.18	ppb
Titanium	47-1	0.95	1.09	1.10	1.05	7.87	ppb
Uranium	238-1	1.00	1.01	1.04	1.02	2.08	ppb
Vanadium	51-2	47.06	46.92	46.45	46.81	0.69	ppb
Yttrium	89-1				114		%
Yttrium	89-2				111		%
Zinc	66-2	203.87	199.38	199.74	201.00	1.24	ppb
Zirconium	90-1	0.12	0.11	0.12	0.12	2.35	ppb
Zirconium	91-1	0.11	0.11	0.11	0.11	3.47	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2409-02LDLX50	Instrumnet Name :	P7
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	50
Date & Time Acquired ::	2021-05-21 14:16:24	DataFile Name :	102SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1062.58	1077.57	1071.04	1070.40	0.70	ppb
Antimony	121-1	0.02	0.03	0.04	0.03	41.43	ppb
Arsenic	75-2	0.03	-0.01	0.03	0.02	155.41	ppb
Barium	135-1	1.94	1.71	1.94	1.86	6.95	ppb
Barium	137-1	1.99	1.96	1.94	1.96	1.36	ppb
Beryllium	9-1	0.02	0.01	0.08	0.04	95.52	ppb
Bismuth	209-1				108		%
Bismuth	209-2				96		%
Boron	10-1	74.42	72.41	72.35	73.06	1.61	ppb
Boron	11-1	77.00	78.23	79.25	78.16	1.44	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.00	0.01	0.02	0.01	90.48	ppb
Cadmium	106-1	-0.90	-0.10	-0.27	-0.42		ppb
Cadmium	108-1	-0.05	-0.02	-0.20	-0.09		ppb
Calcium	43-1	5523.16	5619.54	5766.52	5636.41	2.17	ppb
Calcium	44-1	5435.86	5612.44	5617.77	5555.36	1.86	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.40	0.37	0.37	0.38	5.88	ppb
Cobalt	59-2	2.54	2.55	2.62	2.57	1.50	ppb
Copper	63-2	6.73	6.78	6.71	6.74	0.54	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				107		%
Holmium	165-2				102		%
Indium	115-1				109		%
Indium	115-2				104		%
Iron	56-2	3956.92	4047.26	4010.34	4004.84	1.13	ppb
Iron	57-2	3915.21	3984.55	3959.77	3953.18	0.89	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2409-02LDLX50	Instrumnet Name :	P7
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	50
Date & Time Acquired ::	2021-05-21 14:16:24	DataFile Name :	102SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	3981.84	4078.89	4015.52	4025.42	1.22	ppb
Krypton	83-1						cps
Lead	206-1	0.67	0.68	0.64	0.66	2.89	ppb
Lead	207-1	0.62	0.61	0.61	0.61	1.30	ppb
Lead	208-1	0.63	0.65	0.63	0.64	1.98	ppb
Lithium	6-1				95		%
Magnesium	24-2	1104.19	1101.58	1110.05	1105.27	0.39	ppb
Manganese	55-2	82.58	82.59	83.40	82.85	0.57	ppb
Molybdenum	94-1	-0.01	0.01	0.01	0.00	324.51	ppb
Molybdenum	95-1	0.00	0.03	0.02	0.02	74.23	ppb
Molybdenum	96-1	0.02	0.03	0.02	0.02	37.27	ppb
Molybdenum	97-1	0.01	0.01	0.02	0.01	55.36	ppb
Molybdenum	98-1	0.01	0.00	0.01	0.01	55.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.61	1.61	1.57	1.60	1.27	ppb
Phosphorus	31-2	13.88	-7.43	10.00	5.48	207.11	ppb
Potassium	39-2	73.74	76.98	82.36	77.69	5.60	ppb
Rhodium	103-1				109		%
Rhodium	103-2				104		%
Scandium	45-1				104		%
Scandium	45-2				107		%
Selenium	82-1	-0.79	-1.42	-2.77	-1.66		ppb
Selenium	77-2	0.68	1.36	1.02	1.02	33.15	ppb
Selenium	78-2	-0.79	0.59	0.01	-0.06		ppb
Silicon	28-1	1026.13	1056.95	1074.44	1052.51	2.32	ppb
Silver	107-1	0.02	0.03	0.03	0.02	24.86	ppb
Silver	109-1	0.02	0.02	0.02	0.02	9.50	ppb
Sodium	23-2	1629.90	1651.52	1645.68	1642.37	0.68	ppb
Strontium	86-1	1.17	1.20	1.22	1.20	1.96	ppb
Strontium	88-1	1.18	1.23	1.23	1.21	2.30	ppb
Sulfur	34-1	9050.11	9957.98	10226.58	9744.89	6.33	ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	0.04	0.04	0.03	0.04	15.14	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	9.89	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2409-02LDLX50	Instrumnet Name :	P7
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	50
Date & Time Acquired ::	2021-05-21 14:16:24	DataFile Name :	102SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.02	0.02	0.02	0.02	6.22	ppb
Tin	118-1	0.13	0.11	0.16	0.13	19.68	ppb
Titanium	47-1	0.06	0.16	0.08	0.10	55.99	ppb
Uranium	238-1	0.10	0.10	0.09	0.10	2.27	ppb
Vanadium	51-2	4.47	4.43	4.69	4.53	3.10	ppb
Yttrium	89-1				110		%
Yttrium	89-2				105		%
Zinc	66-2	19.31	19.96	19.65	19.64	1.66	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	43.06	ppb
Zirconium	91-1	0.04	0.02	0.03	0.03	41.75	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2409-02MSDLX10	Instrumnet Name :	P7
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	10
Date & Time Acquired ::	2021-05-21 14:19:28	DataFile Name :	103SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6638.60	6686.28	6629.54	6651.48	0.46	ppb
Antimony	121-1	43.91	43.93	43.27	43.71	0.86	ppb
Arsenic	75-2	45.85	47.51	46.04	46.47	1.96	ppb
Barium	135-1	239.66	241.27	239.99	240.31	0.35	ppb
Barium	137-1	240.03	241.63	240.47	240.71	0.34	ppb
Beryllium	9-1	45.90	46.44	45.48	45.94	1.04	ppb
Bismuth	209-1				109		%
Bismuth	209-2				97		%
Boron	10-1	321.03	330.63	339.01	330.22	2.72	ppb
Boron	11-1	325.83	353.65	356.68	345.39	4.92	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	47.63	47.96	48.22	47.94	0.62	ppb
Cadmium	106-1	46.49	49.52	47.66	47.89	3.20	ppb
Cadmium	108-1	47.50	48.82	49.54	48.62	2.13	ppb
Calcium	43-1	30159.57	30330.48	30624.12	30371.39	0.77	ppb
Calcium	44-1	28954.63	28733.56	29040.13	28909.44	0.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	50.02	50.01	49.54	49.86	0.54	ppb
Cobalt	59-2	61.36	61.70	60.89	61.32	0.66	ppb
Copper	63-2	568.34	565.62	567.43	567.13	0.24	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				108		%
Holmium	165-2				104		%
Indium	115-1				111		%
Indium	115-2				105		%
Iron	56-2	24211.52	24071.69	24109.02	24130.75	0.30	ppb
Iron	57-2	23617.30	23476.87	23474.62	23522.93	0.35	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2409-02MSDLX10	Instrumnet Name :	P7
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	10
Date & Time Acquired ::	2021-05-21 14:19:28	DataFile Name :	103SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	23791.04	23785.03	23566.17	23714.08	0.54	ppb
Krypton	83-1						cps
Lead	206-1	212.20	218.17	217.15	215.84	1.48	ppb
Lead	207-1	214.40	218.66	217.28	216.78	1.00	ppb
Lead	208-1	214.17	218.05	216.71	216.31	0.91	ppb
Lithium	6-1				97		%
Magnesium	24-2	5940.85	5920.22	5909.63	5923.57	0.27	ppb
Manganese	55-2	957.06	964.19	965.28	962.17	0.46	ppb
Molybdenum	94-1	220.22	214.47	223.74	219.48	2.13	ppb
Molybdenum	95-1	220.82	217.35	224.18	220.78	1.55	ppb
Molybdenum	96-1	218.70	218.31	224.53	220.51	1.58	ppb
Molybdenum	97-1	221.90	217.08	226.54	221.84	2.13	ppb
Molybdenum	98-1	221.96	216.83	224.42	221.07	1.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	56.95	57.78	56.80	57.17	0.92	ppb
Phosphorus	31-2	96.15	83.73	109.45	96.44	13.34	ppb
Potassium	39-2	2862.15	2905.54	2858.56	2875.42	0.91	ppb
Rhodium	103-1				110		%
Rhodium	103-2				105		%
Scandium	45-1				105		%
Scandium	45-2				108		%
Selenium	82-1	44.36	43.13	44.31	43.94	1.59	ppb
Selenium	77-2	46.48	46.72	50.87	48.02	5.14	ppb
Selenium	78-2	44.49	44.64	46.31	45.15	2.23	ppb
Silicon	28-1	5583.68	5593.83	5651.69	5609.73	0.65	ppb
Silver	107-1	46.65	46.77	46.88	46.77	0.25	ppb
Silver	109-1	46.27	46.74	46.42	46.48	0.53	ppb
Sodium	23-2	9099.59	9134.80	9111.17	9115.19	0.20	ppb
Strontium	86-1	49.71	48.56	50.22	49.50	1.72	ppb
Strontium	88-1	51.71	51.30	52.18	51.73	0.86	ppb
Sulfur	34-1	53112.98	52614.73	53054.39	52927.36	0.51	ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	40.95	42.03	42.17	41.72	1.61	ppb
Thallium	205-1	41.11	41.64	41.46	41.40	0.66	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2409-02MSDLX10	Instrumnet Name :	P7
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	10
Date & Time Acquired ::	2021-05-21 14:19:28	DataFile Name :	103SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.09	0.10	0.10	0.10	4.75	ppb
Tin	118-1	48.44	48.65	48.86	48.65	0.43	ppb
Titanium	47-1	232.23	232.89	241.27	235.46	2.14	ppb
Uranium	238-1	40.98	41.94	41.90	41.60	1.31	ppb
Vanadium	51-2	71.33	71.03	70.68	71.01	0.45	ppb
Yttrium	89-1				114		%
Yttrium	89-2				109		%
Zinc	66-2	650.61	646.66	642.46	646.57	0.63	ppb
Zirconium	90-1	42.79	42.69	43.84	43.11	1.48	ppb
Zirconium	91-1	42.74	42.26	44.26	43.08	2.42	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2409-02MSDDLX10	Instrumnet Name :	P7
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	10
Date & Time Acquired ::	2021-05-21 14:22:32	DataFile Name :	104SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6248.03	6288.11	6330.86	6289.00	0.66	ppb
Antimony	121-1	41.28	42.17	41.70	41.72	1.08	ppb
Arsenic	75-2	44.74	44.35	46.13	45.07	2.07	ppb
Barium	135-1	226.55	233.06	226.55	228.72	1.64	ppb
Barium	137-1	230.03	231.46	227.62	229.71	0.84	ppb
Beryllium	9-1	43.88	43.54	41.96	43.13	2.38	ppb
Bismuth	209-1				106		%
Bismuth	209-2				96		%
Boron	10-1	298.06	312.91	327.63	312.87	4.73	ppb
Boron	11-1	316.87	333.52	333.67	328.02	2.94	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	44.80	45.26	45.45	45.17	0.75	ppb
Cadmium	106-1	45.34	47.97	43.88	45.73	4.52	ppb
Cadmium	108-1	45.92	46.38	45.38	45.89	1.09	ppb
Calcium	43-1	28081.25	28126.52	28040.85	28082.87	0.15	ppb
Calcium	44-1	26698.23	27022.72	26592.79	26771.25	0.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	45.84	46.40	46.65	46.29	0.90	ppb
Cobalt	59-2	58.75	59.09	58.97	58.94	0.30	ppb
Copper	63-2	539.33	541.37	549.11	543.27	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				108		%
Holmium	165-2				103		%
Indium	115-1				110		%
Indium	115-2				103		%
Iron	56-2	22362.68	22542.22	22926.95	22610.61	1.28	ppb
Iron	57-2	22015.65	22319.29	22414.77	22249.90	0.94	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2409-02MSDDLX10	Instrumnet Name :	P7
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	10
Date & Time Acquired ::	2021-05-21 14:22:32	DataFile Name :	104SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	22464.29	22502.71	22828.58	22598.53	0.89	ppb
Krypton	83-1						cps
Lead	206-1	203.29	221.16	205.33	209.92	4.66	ppb
Lead	207-1	205.75	223.36	208.89	212.67	4.42	ppb
Lead	208-1	203.74	222.81	206.14	210.90	4.92	ppb
Lithium	6-1				98		%
Magnesium	24-2	5564.55	5588.77	5633.10	5595.47	0.62	ppb
Manganese	55-2	910.63	919.24	925.54	918.47	0.82	ppb
Molybdenum	94-1	207.37	211.14	209.30	209.27	0.90	ppb
Molybdenum	95-1	207.92	211.27	209.30	209.50	0.80	ppb
Molybdenum	96-1	206.32	211.97	209.37	209.22	1.35	ppb
Molybdenum	97-1	207.67	212.23	212.02	210.64	1.22	ppb
Molybdenum	98-1	205.73	210.98	211.55	209.42	1.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.71	53.29	53.86	53.62	0.55	ppb
Phosphorus	31-2	83.84	115.78	102.20	100.61	15.93	ppb
Potassium	39-2	2742.42	2779.38	2785.08	2768.96	0.84	ppb
Rhodium	103-1				108		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				106		%
Selenium	82-1	40.34	42.76	43.47	42.19	3.89	ppb
Selenium	77-2	50.65	49.03	42.85	47.51	8.66	ppb
Selenium	78-2	46.50	44.07	41.66	44.08	5.48	ppb
Silicon	28-1	5252.31	5376.91	5298.18	5309.13	1.19	ppb
Silver	107-1	44.25	45.05	44.44	44.58	0.94	ppb
Silver	109-1	43.31	44.66	43.99	43.99	1.54	ppb
Sodium	23-2	8487.24	8453.37	8469.41	8470.01	0.20	ppb
Strontium	86-1	46.52	47.66	47.51	47.23	1.30	ppb
Strontium	88-1	47.89	49.87	49.16	48.97	2.05	ppb
Sulfur	34-1	48645.30	48382.34	47853.17	48293.60	0.84	ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	39.53	43.12	39.77	40.81	4.91	ppb
Thallium	205-1	39.29	42.52	39.28	40.36	4.62	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2409-02MSDDLX10	Instrumnet Name :	P7
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	10
Date & Time Acquired ::	2021-05-21 14:22:32	DataFile Name :	104SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.09	0.11	0.09	0.10	12.09	ppb
Tin	118-1	45.59	46.85	46.49	46.31	1.40	ppb
Titanium	47-1	223.46	225.02	221.56	223.35	0.77	ppb
Uranium	238-1	39.53	42.65	39.43	40.54	4.51	ppb
Vanadium	51-2	67.19	68.11	67.81	67.70	0.69	ppb
Yttrium	89-1				113		%
Yttrium	89-2				106		%
Zinc	66-2	623.57	623.28	628.19	625.01	0.44	ppb
Zirconium	90-1	40.89	41.87	41.75	41.50	1.28	ppb
Zirconium	91-1	40.51	41.48	40.94	40.98	1.20	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2409-02ADLX10	Instrumnet Name :	P7
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	10
Date & Time Acquired ::	2021-05-21 14:25:35	DataFile Name :	105SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6324.46	6286.26	6165.42	6258.71	1.33	ppb
Antimony	121-1	40.04	41.49	42.48	41.34	2.97	ppb
Arsenic	75-2	45.07	45.65	45.21	45.31	0.67	ppb
Barium	135-1	219.99	228.26	236.28	228.18	3.57	ppb
Barium	137-1	221.12	227.63	233.93	227.56	2.81	ppb
Beryllium	9-1	43.13	44.14	43.48	43.58	1.18	ppb
Bismuth	209-1				106		%
Bismuth	209-2				96		%
Boron	10-1	307.94	324.69	344.37	325.67	5.60	ppb
Boron	11-1	313.98	334.15	357.39	335.17	6.48	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	43.34	45.38	46.24	44.99	3.31	ppb
Cadmium	106-1	42.13	46.41	46.76	45.10	5.71	ppb
Cadmium	108-1	41.40	46.00	47.51	44.97	7.07	ppb
Calcium	43-1	27215.96	28800.38	28750.85	28255.73	3.19	ppb
Calcium	44-1	26419.83	27748.89	27584.39	27251.04	2.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	46.81	46.75	45.52	46.36	1.57	ppb
Cobalt	59-2	59.37	58.82	58.55	58.91	0.71	ppb
Copper	63-2	546.42	544.74	535.27	542.14	1.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				103		%
Indium	115-1				110		%
Indium	115-2				104		%
Iron	56-2	23038.54	23045.47	22457.99	22847.33	1.48	ppb
Iron	57-2	22534.57	22391.96	22110.44	22345.66	0.97	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2409-02ADLX10	Instrumnet Name :	P7
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	10
Date & Time Acquired ::	2021-05-21 14:25:35	DataFile Name :	105SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	22910.31	22619.56	22182.95	22570.94	1.62	ppb
Krypton	83-1						cps
Lead	206-1	201.49	208.31	226.80	212.20	6.17	ppb
Lead	207-1	204.11	210.83	228.95	214.63	5.99	ppb
Lead	208-1	203.15	209.93	226.69	213.26	5.68	ppb
Lithium	6-1				97		%
Magnesium	24-2	5639.43	5636.79	5515.74	5597.32	1.26	ppb
Manganese	55-2	923.16	920.60	906.09	916.62	1.00	ppb
Molybdenum	94-1	205.29	209.72	209.84	208.28	1.24	ppb
Molybdenum	95-1	205.76	211.95	213.24	210.31	1.90	ppb
Molybdenum	96-1	206.09	210.96	212.21	209.75	1.54	ppb
Molybdenum	97-1	206.64	216.05	211.41	211.36	2.23	ppb
Molybdenum	98-1	209.23	211.99	211.50	210.91	0.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	54.51	54.31	53.86	54.23	0.62	ppb
Phosphorus	31-2	83.38	109.83	95.72	96.31	13.74	ppb
Potassium	39-2	2772.95	2777.62	2722.39	2757.65	1.11	ppb
Rhodium	103-1				109		%
Rhodium	103-2				103		%
Scandium	45-1				105		%
Scandium	45-2				107		%
Selenium	82-1	38.99	43.64	42.32	41.65	5.76	ppb
Selenium	77-2	42.88	47.25	46.13	45.42	5.00	ppb
Selenium	78-2	45.67	47.93	45.22	46.27	3.14	ppb
Silicon	28-1	5167.49	5384.31	5382.06	5311.28	2.34	ppb
Silver	107-1	42.40	44.86	45.46	44.24	3.67	ppb
Silver	109-1	42.39	44.69	45.87	44.32	4.00	ppb
Sodium	23-2	8687.46	8576.66	8446.32	8570.15	1.41	ppb
Strontium	86-1	46.03	47.56	47.95	47.18	2.16	ppb
Strontium	88-1	47.58	49.01	49.78	48.79	2.28	ppb
Sulfur	34-1	47459.95	49886.36	49366.30	48904.20	2.61	ppb
Terbium	159-1				108		%
Terbium	159-2				102		%
Thallium	203-1	39.40	40.58	43.45	41.14	5.07	ppb
Thallium	205-1	39.13	40.40	43.29	40.94	5.20	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2409-02ADLX10	Instrumnet Name :	P7
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	10
Date & Time Acquired ::	2021-05-21 14:25:35	DataFile Name :	105SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.08	0.10	0.10	0.09	8.58	ppb
Tin	118-1	43.82	46.73	47.91	46.15	4.56	ppb
Titanium	47-1	219.95	228.96	229.35	226.09	2.35	ppb
Uranium	238-1	38.95	40.23	44.01	41.06	6.40	ppb
Vanadium	51-2	68.63	68.08	67.20	67.97	1.06	ppb
Yttrium	89-1				114		%
Yttrium	89-2				107		%
Zinc	66-2	628.27	625.42	615.50	623.07	1.08	ppb
Zirconium	90-1	40.73	41.90	41.83	41.49	1.59	ppb
Zirconium	91-1	40.95	41.99	41.69	41.54	1.29	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	CCV06	Instrumnet Name :	P7
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 14:39:51	DataFile Name :	107CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	54629.12	50322.44	49379.79	51443.78	5.44	ppb
Antimony	121-1	469.17	469.59	519.25	486.00	5.93	ppb
Arsenic	75-2	550.40	514.31	491.55	518.75	5.72	ppb
Barium	135-1	2079.48	2097.98	2290.05	2155.84	5.41	ppb
Barium	137-1	2197.51	2215.76	2405.35	2272.87	5.06	ppb
Beryllium	9-1	452.09	447.01	487.59	462.23	4.78	ppb
Bismuth	209-1				99		%
Bismuth	209-2				86		%
Boron	10-1	425.59	432.77	481.66	446.67	6.83	ppb
Boron	11-1	437.11	444.64	488.45	456.73	6.07	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	474.44	480.33	528.40	494.39	5.99	ppb
Cadmium	106-1	483.49	478.81	522.40	494.90	4.84	ppb
Cadmium	108-1	488.64	491.26	515.23	498.38	2.94	ppb
Calcium	43-1	238421.55	234603.83	257437.17	243487.52	5.02	ppb
Calcium	44-1	229182.19	226694.02	251591.72	235822.64	5.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	553.50	510.58	491.24	518.44	6.15	ppb
Cobalt	59-2	542.74	507.39	479.61	509.91	6.20	ppb
Copper	63-2	5532.16	5084.40	4899.52	5172.03	6.29	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				110		%
Holmium	165-2				95		%
Indium	115-1				108		%
Indium	115-2				95		%
Iron	56-2	139374.43	129951.08	124820.83	131382.11	5.62	ppb
Iron	57-2	140346.78	130985.40	124621.48	131984.55	5.99	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	CCV06	Instrumnet Name :	P7
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 14:39:51	DataFile Name :	107CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	141574.36	130920.72	125702.78	132732.62	6.09	ppb
Krypton	83-1						cps
Lead	206-1	2324.61	2130.77	2525.27	2326.88	8.48	ppb
Lead	207-1	2354.37	2175.35	2524.95	2351.55	7.43	ppb
Lead	208-1	2347.90	2163.09	2515.06	2342.01	7.52	ppb
Lithium	6-1				100		%
Magnesium	24-2	283100.49	260148.90	253042.39	265430.59	5.92	ppb
Manganese	55-2	5717.16	5306.99	5150.03	5391.39	5.43	ppb
Molybdenum	94-1	2219.31	2262.47	2474.71	2318.83	5.90	ppb
Molybdenum	95-1	2223.08	2292.95	2407.60	2307.88	4.04	ppb
Molybdenum	96-1	2244.45	2267.35	2431.65	2314.48	4.41	ppb
Molybdenum	97-1	2128.19	2186.59	2327.21	2214.00	4.62	ppb
Molybdenum	98-1	2230.15	2314.39	2424.96	2323.16	4.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	534.79	501.29	477.54	504.54	5.70	ppb
Phosphorus	31-2	11190.57	10221.76	10242.84	10551.72	5.24	ppb
Potassium	39-2	138396.81	129325.67	125335.00	131019.16	5.11	ppb
Rhodium	103-1				106		%
Rhodium	103-2				92		%
Scandium	45-1				107		%
Scandium	45-2				101		%
Selenium	82-1	452.30	464.50	496.32	471.04	4.83	ppb
Selenium	77-2	566.39	538.11	516.10	540.20	4.67	ppb
Selenium	78-2	577.10	536.10	517.10	543.43	5.64	ppb
Silicon	28-1	424.32	439.00	506.25	456.52	9.57	ppb
Silver	107-1	462.84	468.90	509.62	480.46	5.30	ppb
Silver	109-1	464.53	464.28	508.09	478.97	5.27	ppb
Sodium	23-2	283053.72	265303.26	256985.27	268447.42	4.96	ppb
Strontium	86-1	441.20	447.70	483.01	457.30	4.92	ppb
Strontium	88-1	444.84	447.87	485.60	459.44	4.94	ppb
Sulfur	34-1	9758.79	9000.08	10990.06	9916.31	10.13	ppb
Terbium	159-1				109		%
Terbium	159-2				96		%
Thallium	203-1	442.83	415.36	482.18	446.79	7.52	ppb
Thallium	205-1	466.82	432.17	503.74	467.58	7.65	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	CCV06	Instrumnet Name :	P7
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 14:39:51	DataFile Name :	107CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	473.40	444.22	501.46	473.03	6.05	ppb
Tin	118-1	431.49	434.29	482.25	449.34	6.35	ppb
Titanium	47-1	2206.35	2204.08	2395.87	2268.77	4.85	ppb
Uranium	238-1	474.33	447.91	511.63	477.96	6.70	ppb
Vanadium	51-2	554.32	512.93	495.88	521.04	5.77	ppb
Yttrium	89-1				112		%
Yttrium	89-2				99		%
Zinc	66-2	5323.25	4995.25	4755.66	5024.72	5.67	ppb
Zirconium	90-1	428.80	434.88	496.70	453.46	8.29	ppb
Zirconium	91-1	432.00	437.30	474.88	448.06	5.22	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	CCB06	Instrumnet Name :	P7
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 15:12:21	DataFile Name :	112CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.24	0.35	0.86	0.48	68.39	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	22.03	ppb
Arsenic	75-2	-0.02	-0.01	0.00	-0.01		ppb
Barium	135-1	0.00	-0.01	-0.01	-0.01		ppb
Barium	137-1	0.01	-0.01	0.00	0.00		ppb
Beryllium	9-1	0.02	0.02	0.02	0.02	13.50	ppb
Bismuth	209-1				108		%
Bismuth	209-2				96		%
Boron	10-1	2.86	4.07	2.89	3.28	21.10	ppb
Boron	11-1	3.37	3.70	3.75	3.61	5.62	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.01	0.03	0.01	0.02	81.34	ppb
Cadmium	106-1	0.09	1.28	0.23	0.53	122.66	ppb
Cadmium	108-1	-0.06	-0.05	-0.11	-0.07		ppb
Calcium	43-1	-1.88	-0.98	-0.90	-1.25		ppb
Calcium	44-1	-3.68	-4.39	-2.78	-3.62		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.02	-0.01	0.01	161.47	ppb
Cobalt	59-2	0.02	0.01	0.02	0.02	26.64	ppb
Copper	63-2	0.09	0.08	0.10	0.09	12.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				102		%
Indium	115-1				108		%
Indium	115-2				102		%
Iron	56-2	0.22	0.10	0.23	0.18	37.40	ppb
Iron	57-2	0.39	-0.16	0.40	0.21	155.05	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	CCB06	Instrumnet Name :	P7
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 15:12:21	DataFile Name :	112CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	1.38	1.27	1.32	1.33	4.28	ppb
Krypton	83-1						cps
Lead	206-1	0.07	0.08	0.07	0.07	7.10	ppb
Lead	207-1	0.06	0.04	0.06	0.05	16.74	ppb
Lead	208-1	0.07	0.07	0.07	0.07	1.92	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.52	-0.08	0.12	-0.16		ppb
Manganese	55-2	0.03	0.05	0.03	0.04	29.63	ppb
Molybdenum	94-1	-0.02	-0.01	0.02	0.00		ppb
Molybdenum	95-1	0.01	0.00	0.00	0.00	165.77	ppb
Molybdenum	96-1	0.00	-0.01	0.01	0.00		ppb
Molybdenum	97-1	0.01	0.02	0.01	0.01	52.71	ppb
Molybdenum	98-1	0.01	0.00	0.00	0.00	247.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	-0.04	-0.03	-0.02		ppb
Phosphorus	31-2	-3.70	-14.40	-4.84	-7.65		ppb
Potassium	39-2	6.85	8.17	5.04	6.69	23.51	ppb
Rhodium	103-1				108		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Selenium	82-1	-0.51	-1.15	-0.08	-0.58		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.20	-0.38	-0.39	-0.33		ppb
Silicon	28-1	-10.59	-11.37	-9.85	-10.60		ppb
Silver	107-1	0.02	0.01	0.01	0.01	25.84	ppb
Silver	109-1	0.01	0.01	0.00	0.01	61.74	ppb
Sodium	23-2	17.69	15.84	19.41	17.65	10.11	ppb
Strontium	86-1	-0.03	-0.03	-0.03	-0.03		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	209.42	ppb
Sulfur	34-1	355.18	370.05	756.72	493.99	46.09	ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	0.23	0.26	0.25	0.25	6.10	ppb
Thallium	205-1	0.22	0.24	0.29	0.25	12.68	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	CCB06	Instrumnet Name :	P7
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 15:12:21	DataFile Name :	112CCBE.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	0.04	0.05	0.05	18.38	ppb
Titanium	47-1	0.01	0.04	-0.01	0.02	148.52	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	159.05	ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	353.68	ppb
Yttrium	89-1				109		%
Yttrium	89-2				102		%
Zinc	66-2	0.09	0.09	0.04	0.07	33.14	ppb
Zirconium	90-1	0.00	-0.01	0.00	0.00		ppb
Zirconium	91-1	0.03	0.02	0.00	0.02	93.29	ppb

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 07:33:09	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	100	75	78	26.96	cps
Antimony	121-1	92	92	75	86	11.18	cps
Arsenic	75-2	17	4	15	12	59.81	cps
Barium	135-1	33	25	25	28	17.31	cps
Barium	137-1	83	25	58	56	52.68	cps
Beryllium	9-1	44	44	67	52	24.74	cps
Bismuth	209-1	6716267	6714151	6624140	6684853	0.79	cps
Bismuth	209-2	4821606	4803885	4854393	4826628	0.53	cps
Boron	10-1	100	200	67	122	56.77	cps
Boron	11-1	408	608	558	525	19.83	cps
Bromine	81-1	5101	5126	5301	5176	2.11	cps
Bromine	81-2	110	80	60	83	30.20	cps
Cadmium	111-1	715	749	761	742	3.20	cps
Cadmium	106-1	3692	3876	3901	3823	2.98	cps
Cadmium	108-1	33	38	33	35	6.93	cps
Calcium	43-1	167	142	225	178	24.06	cps
Calcium	44-1	11738	12121	12147	12002	1.91	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1400	1290	1347	1346	4.09	cps
Cobalt	59-2	110	140	100	117	17.84	cps
Copper	63-2	857	693	743	764	10.95	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	7	10	6	91.64	cps
Erbium	164-1	42	92	58	64	39.85	cps
Erbium	164-2	50	47	27	41	30.69	cps
Gadolinium	160-1	75	75	42	64	30.12	cps
Gadolinium	160-2	63	63	73	67	8.66	cps
Holmium	165-1	9822475	9728300	9683525	9744767	0.73	cps
Holmium	165-2	6401835	6495549	6621723	6506369	1.70	cps
Indium	115-1	7223887	7121431	7141588	7162302	0.76	cps
Indium	115-2	2346254	2349222	2365078	2353518	0.43	cps
Iron	56-2	5596	5601	5362	5520	2.47	cps
Iron	57-2	211	150	167	176	17.96	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 07:33:09	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	841	1181	941	988	17.71	cps
Krypton	83-1	1950	2000	2010	1987	1.62	cps
Lead	206-1	517	500	533	517	3.23	cps
Lead	207-1	617	578	506	567	9.95	cps
Lead	208-1	2400	2278	2367	2348	2.69	cps
Lithium	6-1	2157742	2150106	2140852	2149567	0.39	cps
Magnesium	24-2	442	592	450	494	17.05	cps
Manganese	55-2	110	100	83	98	13.78	cps
Molybdenum	94-1	275	250	275	267	5.41	cps
Molybdenum	95-1	17	17	17	17	0.00	cps
Molybdenum	96-1	92	142	67	100	38.19	cps
Molybdenum	97-1	17	0	25	14	91.65	cps
Molybdenum	98-1	75	42	33	50	44.10	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	137	160	177	158	12.73	cps
Phosphorus	31-2	250	317	375	314	19.93	cps
Potassium	39-2	58658	57629	56834	57707	1.58	cps
Rhodium	103-1	6557003	6576777	6466814	6533531	0.90	cps
Rhodium	103-2	4274759	4288943	4341062	4301588	0.81	cps
Scandium	45-1	3974780	3938573	3913916	3942423	0.78	cps
Scandium	45-2	349512	351398	355990	352300	0.95	cps
Selenium	82-1	89	107	35	77	48.54	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	161	211	126	166	25.78	cps
Silicon	28-1	362706	356348	357836	358963	0.93	cps
Silver	107-1	67	58	50	58	14.29	cps
Silver	109-1	17	17	17	17	0.00	cps
Sodium	23-2	24103	25080	24696	24626	2.00	cps
Strontium	86-1	3209	3367	3109	3228	4.04	cps
Strontium	88-1	125	158	233	172	32.22	cps
Sulfur	34-1	463727	470165	465093	466328	0.73	cps
Terbium	159-1	9869172	9833214	9894784	9865724	0.31	cps
Terbium	159-2	6352663	6465962	6435505	6418043	0.91	cps
Thallium	203-1	342	275	242	286	17.80	cps
Thallium	205-1	708	642	608	653	7.80	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 07:33:09	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	156	200	106	154	30.74	cps
Tin	118-1	492	508	475	492	3.39	cps
Titanium	47-1	50	108	100	86	36.64	cps
Uranium	238-1	0	8	0	3	173.21	cps
Vanadium	51-2	7	7	10	8	24.71	cps
Yttrium	89-1	10071555	9977085	10063224	10037288	0.52	cps
Yttrium	89-2	2517096	2521079	2550844	2529673	0.73	cps
Zinc	66-2	247	237	300	261	13.04	cps
Zirconium	90-1	558	658	608	608	8.22	cps
Zirconium	91-1	67	125	150	114	37.55	cps

LB Number : LB114597 Operator : JASWAL
 Lab Sample ID : S1 Instrumnet Name : P7
 Client Sample ID : S1 Dilution Factor : 1
 Date & Time Acquired :: 2021-05-21 07:39:31 DataFile Name : 005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	483	367	383	411	15.35	cps
Antimony	121-1	1492	1375	1517	1461	5.18	cps
Arsenic	75-2	39	43	33	38	12.18	cps
Barium	135-1	1692	1875	1633	1733	7.28	cps
Barium	137-1	3125	2834	2959	2973	4.92	cps
Beryllium	9-1	111	211	211	178	32.48	cps
Bismuth	209-1	6596436	6602759	6606927	6602041	0.08	cps
Bismuth	209-2	4822282	4807187	4815583	4815017	0.16	cps
Boron	10-1	492	583	633	569	12.62	cps
Boron	11-1	2542	2334	2459	2445	4.29	cps
Bromine	81-1	5384	5268	5485	5379	2.02	cps
Bromine	81-2	50	120	30	67	70.89	cps
Cadmium	111-1	835	896	920	884	4.96	cps
Cadmium	106-1	3409	3676	3659	3581	4.17	cps
Cadmium	108-1	25	38	17	26	39.73	cps
Calcium	43-1	1075	1125	1075	1092	2.64	cps
Calcium	44-1	27933	28276	28935	28381	1.79	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1903	2037	2144	2028	5.93	cps
Cobalt	59-2	583	707	697	662	10.34	cps
Copper	63-2	Rejected	Rejected	Rejected			cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	7	10	7	8	24.71	cps
Erbium	164-1	67	58	58	61	7.87	cps
Erbium	164-2	50	53	47	50	6.66	cps
Gadolinium	160-1	75	25	83	61	51.63	cps
Gadolinium	160-2	37	40	53	43	20.34	cps
Holmium	165-1	9791062	9624513	9741078	9718885	0.88	cps
Holmium	165-2	6556319	6532927	6526808	6538685	0.24	cps
Indium	115-1	7144520	7077854	7174472	7132282	0.69	cps
Indium	115-2	2336546	2345971	2366769	2349762	0.66	cps
Iron	56-2	20615	20737	20520	20624	0.53	cps
Iron	57-2	600	533	628	587	8.27	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	S1	Instrumnet Name :	P7
Client Sample ID :	S1	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 07:39:31	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1822	1902	2092	1939	7.16	cps
Krypton	83-1	1970	1937	2260	2056	8.65	cps
Lead	206-1	1222	1222	1311	1252	4.10	cps
Lead	207-1	1178	1150	1122	1150	2.42	cps
Lead	208-1	5262	5184	5184	5210	0.86	cps
Lithium	6-1	2120364	2097939	2116712	2111671	0.57	cps
Magnesium	24-2	16359	15492	15959	15937	2.72	cps
Manganese	55-2	Rejected	Rejected	Rejected			cps
Molybdenum	94-1	1633	1617	1875	1708	8.46	cps
Molybdenum	95-1	1483	1708	1408	1533	10.18	cps
Molybdenum	96-1	1892	1759	2059	1903	7.90	cps
Molybdenum	97-1	967	1083	1108	1053	7.18	cps
Molybdenum	98-1	2825	2675	2725	2742	2.79	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	330	303	290	308	6.62	cps
Phosphorus	31-2	308	417	367	364	14.90	cps
Potassium	39-2	74077	74428	74596	74367	0.36	cps
Rhodium	103-1	6513264	6555780	6575457	6548167	0.49	cps
Rhodium	103-2	4274031	4303019	4302012	4293021	0.38	cps
Scandium	45-1	3924743	3918900	3899888	3914510	0.33	cps
Scandium	45-2	351233	354070	353313	352872	0.42	cps
Selenium	82-1	Rejected	Rejected	Rejected			cps
Selenium	77-2	3	7	7	6	34.70	cps
Selenium	78-2	167	156	159	160	3.52	cps
Silicon	28-1	366620	371281	370076	369326	0.66	cps
Silver	107-1	708	983	900	864	16.32	cps
Silver	109-1	800	725	758	761	4.94	cps
Sodium	23-2	53580	52601	52392	52858	1.20	cps
Strontium	86-1	3959	3467	3659	3695	6.71	cps
Strontium	88-1	2025	1900	2292	2072	9.66	cps
Sulfur	34-1	465031	459230	467225	463828	0.89	cps
Terbium	159-1	9874303	9761524	9746033	9793953	0.71	cps
Terbium	159-2	6440022	6423235	6423921	6429059	0.15	cps
Thallium	203-1	975	950	883	936	5.06	cps
Thallium	205-1	2534	2709	2350	2531	7.08	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	S1	Instrumnet Name :	P7
Client Sample ID :	S1	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 07:39:31	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	156	194	133	161	19.20	cps
Tin	118-1	3451	3701	3426	3526	4.31	cps
Titanium	47-1	450	508	558	506	10.73	cps
Uranium	238-1	2309	2550	2567	2475	5.84	cps
Vanadium	51-2	1337	1517	1407	1420	6.39	cps
Yttrium	89-1	10234754	10034077	10105202	10124678	1.00	cps
Yttrium	89-2	2523219	2526170	2547230	2532207	0.52	cps
Zinc	66-2	Rejected	Rejected	Rejected			cps
Zirconium	90-1	1642	1642	1433	1572	7.65	cps
Zirconium	91-1	300	325	325	317	4.56	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 07:45:48	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2992	3392	3175	3187	6.29	cps
Antimony	121-1	14658	14591	14283	14511	1.38	cps
Arsenic	75-2	400	348	369	372	7.02	cps
Barium	135-1	16585	17445	16418	16816	3.28	cps
Barium	137-1	29098	28964	29866	29309	1.66	cps
Beryllium	9-1	1456	1417	1245	1372	8.19	cps
Bismuth	209-1	6634681	6643110	6622035	6633275	0.16	cps
Bismuth	209-2	4850603	4881840	4872439	4868294	0.33	cps
Boron	10-1	3884	4126	4026	4012	3.03	cps
Boron	11-1	18829	19605	18904	19112	2.24	cps
Bromine	81-1	5026	5351	4643	5007	7.08	cps
Bromine	81-2	80	80	50	70	24.74	cps
Cadmium	111-1	2644	2524	2435	2534	4.14	cps
Cadmium	106-1	3959	3784	3501	3748	6.17	cps
Cadmium	108-1	175	167	158	167	5.00	cps
Calcium	43-1	9653	9754	9003	9470	4.30	cps
Calcium	44-1	163602	163711	162567	163293	0.39	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8129	7765	8002	7966	2.32	cps
Cobalt	59-2	5351	5238	5171	5253	1.73	cps
Copper	63-2	8319	7859	7815	7998	3.49	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	7	7	7	7	0.00	cps
Erbium	164-1	75	58	75	69	13.85	cps
Erbium	164-2	57	40	43	47	18.90	cps
Gadolinium	160-1	42	42	58	47	20.38	cps
Gadolinium	160-2	37	60	43	47	25.75	cps
Holmium	165-1	9895396	9756348	9915789	9855844	0.88	cps
Holmium	165-2	6529609	6674377	6601243	6601743	1.10	cps
Indium	115-1	7112730	7271320	7214963	7199671	1.12	cps
Indium	115-2	2363280	2389497	2389615	2380797	0.64	cps
Iron	56-2	153042	153424	153362	153276	0.13	cps
Iron	57-2	3778	4162	3662	3867	6.77	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 07:45:48	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	9433	9853	9603	9630	2.20	cps
Krypton	83-1	1983	2067	1977	2009	2.50	cps
Lead	206-1	7569	7152	7197	7306	3.13	cps
Lead	207-1	6213	6485	6096	6265	3.19	cps
Lead	208-1	28801	29380	28212	28798	2.03	cps
Lithium	6-1	2133733	2136615	2128982	2133110	0.18	cps
Magnesium	24-2	151794	154277	151247	152439	1.06	cps
Manganese	55-2	2227	2260	2374	2287	3.36	cps
Molybdenum	94-1	13507	13890	13615	13671	1.45	cps
Molybdenum	95-1	16627	16760	16668	16685	0.41	cps
Molybdenum	96-1	19255	18120	18229	18535	3.38	cps
Molybdenum	97-1	11255	10604	10045	10635	5.69	cps
Molybdenum	98-1	27427	26993	26801	27073	1.18	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1480	1560	1587	1542	3.60	cps
Phosphorus	31-2	408	442	325	392	15.34	cps
Potassium	39-2	204692	206972	203745	205137	0.81	cps
Rhodium	103-1	6556926	6634079	6583494	6591500	0.59	cps
Rhodium	103-2	4337128	4391129	4352165	4360140	0.64	cps
Scandium	45-1	3951411	3943207	3917003	3937207	0.46	cps
Scandium	45-2	356090	358593	356749	357144	0.36	cps
Selenium	82-1	600	437	614	550	17.81	cps
Selenium	77-2	43	40	77	53	38.02	cps
Selenium	78-2	333	352	363	349	4.28	cps
Silicon	28-1	395541	399209	397509	397420	0.46	cps
Silver	107-1	8419	8786	8995	8733	3.34	cps
Silver	109-1	8019	8244	8953	8405	5.80	cps
Sodium	23-2	282531	288951	286998	286160	1.15	cps
Strontium	86-1	5468	5076	5876	5473	7.31	cps
Strontium	88-1	19122	18437	18980	18846	1.92	cps
Sulfur	34-1	471134	465221	464110	466822	0.81	cps
Terbium	159-1	9792243	10031687	9970606	9931512	1.25	cps
Terbium	159-2	6473274	6397196	6571805	6480758	1.35	cps
Thallium	203-1	8320	8311	8219	8283	0.67	cps
Thallium	205-1	20308	19590	20107	20002	1.85	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 07:45:48	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	122	128	139	130	6.54	cps
Tin	118-1	31185	29991	30876	30684	2.02	cps
Titanium	47-1	4326	4401	4376	4367	0.87	cps
Uranium	238-1	26361	26678	25601	26213	2.11	cps
Vanadium	51-2	13583	13306	13306	13398	1.19	cps
Yttrium	89-1	10208329	10178496	10234591	10207138	0.27	cps
Yttrium	89-2	2547479	2567656	2567398	2560844	0.45	cps
Zinc	66-2	1580	1667	1697	1648	3.68	cps
Zirconium	90-1	10679	11630	11421	11244	4.44	cps
Zirconium	91-1	2334	2792	2625	2584	8.98	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 07:48:57	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	143793	141548	144524	143288	1.08	cps
Antimony	121-1	372024	368856	366472	369118	0.75	cps
Arsenic	75-2	18345	17824	18319	18163	1.62	cps
Barium	135-1	423686	425802	423216	424235	0.32	cps
Barium	137-1	742351	744429	752050	746277	0.68	cps
Beryllium	9-1	65758	65546	63370	64892	2.04	cps
Bismuth	209-1	6692903	6677350	6704319	6691524	0.20	cps
Bismuth	209-2	4830618	4837060	4818446	4828708	0.20	cps
Boron	10-1	7610	7911	8644	8055	6.60	cps
Boron	11-1	37163	38524	38090	37926	1.83	cps
Bromine	81-1	5218	5151	5051	5140	1.63	cps
Bromine	81-2	90	70	70	77	15.06	cps
Cadmium	111-1	90995	88760	88438	89398	1.56	cps
Cadmium	106-1	12856	13940	13699	13498	4.22	cps
Cadmium	108-1	7044	7131	7360	7178	2.28	cps
Calcium	43-1	99500	99650	99768	99640	0.13	cps
Calcium	44-1	1569574	1574616	1582677	1575622	0.42	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	162258	164017	163359	163211	0.54	cps
Cobalt	59-2	255211	256829	255228	255756	0.36	cps
Copper	63-2	1765778	1760618	1768897	1765098	0.24	cps
Dysprosium	156-1	25	58	25	36	53.29	cps
Dysprosium	156-2	17	13	17	16	12.40	cps
Erbium	164-1	58	92	42	64	39.85	cps
Erbium	164-2	63	37	47	49	27.55	cps
Gadolinium	160-1	67	142	125	111	35.44	cps
Gadolinium	160-2	80	70	57	69	16.99	cps
Holmium	165-1	10038269	9894150	9883231	9938550	0.87	cps
Holmium	165-2	6636308	6575972	6531459	6581246	0.80	cps
Indium	115-1	7351597	7233044	7158136	7247592	1.35	cps
Indium	115-2	2353211	2351525	2391089	2365275	0.95	cps
Iron	56-2	7060857	7100293	6951063	7037405	1.10	cps
Iron	57-2	180346	183953	179543	181281	1.30	cps

LB Number : LB114597 Operator : JASWAL
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2021-05-21 07:48:57 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	413429	411085	406074	410196	0.92	cps
Krypton	83-1	2177	2047	2114	2112	3.08	cps
Lead	206-1	1626862	1620554	1634888	1627434	0.44	cps
Lead	207-1	1479230	1479262	1487908	1482133	0.34	cps
Lead	208-1	6604815	6602578	6609167	6605520	0.05	cps
Lithium	6-1	2137987	2143458	2100955	2127467	1.09	cps
Magnesium	24-2	1525227	1525096	1551226	1533849	0.98	cps
Manganese	55-2	1093710	1100359	1075911	1089993	1.16	cps
Molybdenum	94-1	699704	695871	702118	699231	0.45	cps
Molybdenum	95-1	858057	871177	867525	865586	0.78	cps
Molybdenum	96-1	964789	964805	975499	968364	0.64	cps
Molybdenum	97-1	547452	543465	547938	546285	0.45	cps
Molybdenum	98-1	1395335	1400799	1406429	1400854	0.40	cps
Neodymium	150-1	13	47	33	31	53.94	cps
Neodymium	150-2	13	3	7	8	65.47	cps
Nickel	60-2	66158	67558	66717	66811	1.05	cps
Phosphorus	31-2	7669	7144	7744	7519	4.35	cps
Potassium	39-2	826198	807149	830176	821174	1.50	cps
Rhodium	103-1	6646768	6642108	6532800	6607225	0.98	cps
Rhodium	103-2	4298535	4307841	4285229	4297202	0.26	cps
Scandium	45-1	3989929	3947733	3975979	3971214	0.54	cps
Scandium	45-2	353692	352876	359429	355332	1.00	cps
Selenium	82-1	5089	5389	5021	5166	3.80	cps
Selenium	77-2	490	443	447	460	5.66	cps
Selenium	78-2	1845	1915	1830	1863	2.44	cps
Silicon	28-1	560466	569090	573987	567848	1.21	cps
Silver	107-1	444111	451313	447422	447616	0.81	cps
Silver	109-1	430324	434096	434944	433121	0.57	cps
Sodium	23-2	2628593	2614880	2654118	2632530	0.76	cps
Strontium	86-1	1059051	1057671	1054109	1056944	0.24	cps
Strontium	88-1	9017732	9244745	9127083	9129853	1.24	cps
Sulfur	34-1	495090	495747	494734	495191	0.10	cps
Terbium	159-1	9918011	10014420	10029415	9987282	0.61	cps
Terbium	159-2	6543534	6472837	6593197	6536523	0.93	cps
Thallium	203-1	400992	400510	401259	400920	0.09	cps
Thallium	205-1	957880	956760	960056	958232	0.17	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 07:48:57	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	1352116	1356058	1362416	1356863	0.38	cps
Tin	118-1	300825	299908	300332	300355	0.15	cps
Titanium	47-1	214336	214402	215900	214879	0.41	cps
Uranium	238-1	1342781	1329094	1334484	1335453	0.52	cps
Vanadium	51-2	133396	135750	133779	134308	0.94	cps
Yttrium	89-1	10274335	10195303	10263070	10244236	0.42	cps
Yttrium	89-2	2539964	2557836	2536790	2544864	0.45	cps
Zinc	66-2	297748	297342	302347	299146	0.93	cps
Zirconium	90-1	550927	548136	554617	551227	0.59	cps
Zirconium	91-1	122268	122108	120873	121750	0.63	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 07:52:06	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	358338	355559	353577	355825	0.67	cps
Antimony	121-1	917650	916704	921108	918487	0.25	cps
Arsenic	75-2	45549	45615	45114	45426	0.60	cps
Barium	135-1	1050910	1061904	1053535	1055450	0.54	cps
Barium	137-1	1845380	1860741	1854170	1853431	0.42	cps
Beryllium	9-1	159240	160050	159067	159452	0.33	cps
Bismuth	209-1	6654563	6635264	6634265	6641364	0.17	cps
Bismuth	209-2	4856188	4846714	4816667	4839856	0.43	cps
Boron	10-1	19271	20206	20264	19914	2.80	cps
Boron	11-1	91039	94258	95978	93758	2.67	cps
Bromine	81-1	4859	5218	5251	5109	4.25	cps
Bromine	81-2	80	50	60	63	24.12	cps
Cadmium	111-1	219716	222606	221073	221132	0.65	cps
Cadmium	106-1	28179	27936	28412	28176	0.84	cps
Cadmium	108-1	17995	17728	16818	17514	3.52	cps
Calcium	43-1	245761	242913	243776	244150	0.60	cps
Calcium	44-1	3825113	3886852	3847461	3853142	0.81	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	397173	400393	399291	398952	0.41	cps
Cobalt	59-2	635096	632241	628337	631891	0.54	cps
Copper	63-2	4314365	4283748	4287671	4295261	0.39	cps
Dysprosium	156-1	83	50	117	83	40.00	cps
Dysprosium	156-2	37	43	60	47	25.75	cps
Erbium	164-1	50	100	125	92	41.66	cps
Erbium	164-2	50	40	50	47	12.37	cps
Gadolinium	160-1	192	108	133	144	29.60	cps
Gadolinium	160-2	100	113	110	108	6.44	cps
Holmium	165-1	10047184	9984719	9853311	9961738	0.99	cps
Holmium	165-2	6609504	6525957	6664374	6599945	1.06	cps
Indium	115-1	7218735	7188377	7181805	7196305	0.27	cps
Indium	115-2	2356641	2340244	2351998	2349628	0.36	cps
Iron	56-2	17532090	17332965	17368807	17411287	0.61	cps
Iron	57-2	451342	452341	448435	450706	0.45	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 07:52:06	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1011972	1015266	1011685	1012974	0.20	cps
Krypton	83-1	1970	2147	2080	2066	4.32	cps
Lead	206-1	3969823	4009248	3994809	3991294	0.50	cps
Lead	207-1	3678699	3651560	3652327	3660862	0.42	cps
Lead	208-1	16498560	16529950	16402069	16476860	0.40	cps
Lithium	6-1	2099464	2100763	2107601	2102609	0.21	cps
Magnesium	24-2	3801130	3782511	3796951	3793531	0.26	cps
Manganese	55-2	2697797	2679443	2681892	2686377	0.37	cps
Molybdenum	94-1	1731407	1743398	1721301	1732035	0.64	cps
Molybdenum	95-1	2137241	2156113	2139566	2144307	0.48	cps
Molybdenum	96-1	2413662	2400496	2407346	2407168	0.27	cps
Molybdenum	97-1	1342727	1348218	1341944	1344296	0.25	cps
Molybdenum	98-1	3481816	3484785	3453005	3473202	0.51	cps
Neodymium	150-1	40	107	67	71	47.19	cps
Neodymium	150-2	17	13	7	12	41.65	cps
Nickel	60-2	164248	165214	163395	164286	0.55	cps
Phosphorus	31-2	18287	17360	17986	17878	2.64	cps
Potassium	39-2	1934920	1947557	1918762	1933746	0.75	cps
Rhodium	103-1	6629790	6599446	6507772	6579002	0.97	cps
Rhodium	103-2	4265457	4271085	4282736	4273093	0.21	cps
Scandium	45-1	3953448	3956950	3926184	3945527	0.43	cps
Scandium	45-2	356660	352989	354639	354763	0.52	cps
Selenium	82-1	13170	13321	13224	13238	0.58	cps
Selenium	77-2	1207	1110	1110	1142	4.89	cps
Selenium	78-2	4193	4312	4327	4277	1.71	cps
Silicon	28-1	843167	850694	859197	851019	0.94	cps
Silver	107-1	1119510	1118029	1115279	1117606	0.19	cps
Silver	109-1	1073558	1086843	1080577	1080326	0.62	cps
Sodium	23-2	6567032	6421927	6522492	6503817	1.14	cps
Strontium	86-1	2589534	2591233	2608160	2596309	0.40	cps
Strontium	88-1	22515121	22813685	22665444	22664750	0.66	cps
Sulfur	34-1	534202	532764	525929	530965	0.83	cps
Terbium	159-1	10048418	9961578	10000649	10003548	0.43	cps
Terbium	159-2	6520867	6471896	6546715	6513159	0.58	cps
Thallium	203-1	997352	998783	994455	996863	0.22	cps
Thallium	205-1	2375218	2401943	2385493	2387551	0.56	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 07:52:06	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	3393841	3409474	3404306	3402540	0.23	cps
Tin	118-1	739665	751924	740989	744193	0.90	cps
Titanium	47-1	536624	535011	533073	534903	0.33	cps
Uranium	238-1	3323008	3352321	3347060	3340797	0.47	cps
Vanadium	51-2	332816	330709	330232	331252	0.42	cps
Yttrium	89-1	10206079	10214589	10275819	10232162	0.37	cps
Yttrium	89-2	2526921	2542374	2553898	2541064	0.53	cps
Zinc	66-2	736086	736717	730587	734463	0.46	cps
Zirconium	90-1	1374773	1388389	1383955	1382372	0.50	cps
Zirconium	91-1	304836	304043	305258	304712	0.20	cps

LB Number : LB114597 Operator : JASWAL
 Lab Sample ID : S5 Instrumnet Name : P7
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2021-05-21 07:55:13 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	841873	833881	834395	836716	0.53	cps
Antimony	121-1	1798080	1829278	1826253	1817870	0.95	cps
Arsenic	75-2	90175	89636	90242	90018	0.37	cps
Barium	135-1	2091139	2100626	2097927	2096564	0.23	cps
Barium	137-1	3659400	3674374	3672884	3668886	0.22	cps
Beryllium	9-1	311664	311379	309927	310990	0.30	cps
Bismuth	209-1	6654171	6678072	6642071	6658104	0.28	cps
Bismuth	209-2	4768266	4762026	4845952	4792081	0.98	cps
Boron	10-1	38115	38449	40196	38920	2.87	cps
Boron	11-1	178948	185828	185432	183403	2.11	cps
Bromine	81-1	5101	5301	5026	5143	2.77	cps
Bromine	81-2	90	80	140	103	31.11	cps
Cadmium	111-1	437001	444139	436120	439087	1.00	cps
Cadmium	106-1	53351	53141	52163	52885	1.20	cps
Cadmium	108-1	34412	34249	34425	34362	0.29	cps
Calcium	43-1	484113	487721	485190	485674	0.38	cps
Calcium	44-1	7330598	7111806	7208023	7216809	1.52	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	788102	790362	793918	790794	0.37	cps
Cobalt	59-2	1254498	1242198	1247262	1247986	0.50	cps
Copper	63-2	8589252	8478118	8564996	8544122	0.68	cps
Dysprosium	156-1	225	167	125	172	29.17	cps
Dysprosium	156-2	83	103	80	89	14.20	cps
Erbium	164-1	100	100	67	89	21.65	cps
Erbium	164-2	80	53	40	58	35.25	cps
Gadolinium	160-1	158	183	158	167	8.66	cps
Gadolinium	160-2	123	143	170	146	16.08	cps
Holmium	165-1	10049415	10160312	9997263	10068997	0.83	cps
Holmium	165-2	6530804	6717486	6724311	6657534	1.65	cps
Indium	115-1	7212364	7309738	7180379	7234160	0.93	cps
Indium	115-2	2323433	2331021	2358679	2337711	0.79	cps
Iron	56-2	35069772	34810720	34642465	34840986	0.62	cps
Iron	57-2	893813	891242	892415	892490	0.14	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 07:55:13	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1985128	1989693	1993643	1989488	0.21	cps
Krypton	83-1	2004	1960	1880	1948	3.21	cps
Lead	206-1	8147059	8122048	8178415	8149174	0.35	cps
Lead	207-1	7620741	7512449	7553360	7562183	0.72	cps
Lead	208-1	33268731	33404074	33466705	33379837	0.30	cps
Lithium	6-1	2081664	2075818	2066107	2074530	0.38	cps
Magnesium	24-2	7575773	7366080	7418919	7453591	1.46	cps
Manganese	55-2	5285961	5270666	5294813	5283813	0.23	cps
Molybdenum	94-1	3403959	3434567	3412371	3416966	0.46	cps
Molybdenum	95-1	4239353	4248680	4213589	4233874	0.43	cps
Molybdenum	96-1	4735247	4756198	4722230	4737891	0.36	cps
Molybdenum	97-1	2671291	2673056	2676503	2673616	0.10	cps
Molybdenum	98-1	6954843	6839419	6871339	6888534	0.87	cps
Neodymium	150-1	87	167	93	116	38.41	cps
Neodymium	150-2	33	20	7	20	66.65	cps
Nickel	60-2	324078	324922	325130	324710	0.17	cps
Phosphorus	31-2	35593	34983	36069	35548	1.53	cps
Potassium	39-2	3756194	3751462	3776011	3761222	0.35	cps
Rhodium	103-1	6638848	6417886	6465746	6507493	1.79	cps
Rhodium	103-2	4248644	4267758	4255479	4257294	0.23	cps
Scandium	45-1	3955039	3919386	3915368	3929931	0.56	cps
Scandium	45-2	350234	348807	350124	349722	0.23	cps
Selenium	82-1	26213	26477	26383	26358	0.51	cps
Selenium	77-2	2517	2500	2497	2505	0.43	cps
Selenium	78-2	8024	8208	7995	8076	1.43	cps
Silicon	28-1	1312714	1334363	1331084	1326054	0.88	cps
Silver	107-1	2182128	2193082	2188980	2188064	0.25	cps
Silver	109-1	2116435	2134712	2125829	2125659	0.43	cps
Sodium	23-2	12849482	12751022	12761327	12787277	0.42	cps
Strontium	86-1	5093139	5142768	5098162	5111356	0.53	cps
Strontium	88-1	44993416	44546396	44841871	44793894	0.51	cps
Sulfur	34-1	589244	589139	580082	586155	0.90	cps
Terbium	159-1	10278304	10105537	10009211	10131018	1.35	cps
Terbium	159-2	6535774	6479061	6607081	6540639	0.98	cps
Thallium	203-1	1967794	1988223	1978228	1978082	0.52	cps
Thallium	205-1	4729538	4741814	4734558	4735304	0.13	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 07:55:13	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	6735904	6790166	6787313	6771128	0.45	cps
Tin	118-1	1461069	1476448	1469728	1469082	0.52	cps
Titanium	47-1	1065395	1066778	1065299	1065824	0.08	cps
Uranium	238-1	6620431	6692525	6679568	6664174	0.58	cps
Vanadium	51-2	656513	662123	655285	657974	0.55	cps
Yttrium	89-1	10222430	10178121	10098013	10166188	0.62	cps
Yttrium	89-2	2538466	2518660	2546150	2534425	0.56	cps
Zinc	66-2	1449160	1437508	1447266	1444645	0.43	cps
Zirconium	90-1	2723784	2727215	2729587	2726862	0.11	cps
Zirconium	91-1	610264	606175	609877	608772	0.37	cps

LB Number : LB114597 Operator : JASWAL
 Lab Sample ID : S6 Instrumnet Name : P7
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2021-05-21 07:58:16 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1357144	1374820	1359365	1363776	0.71	cps
Antimony	121-1	3524581	3552465	3595574	3557540	1.01	cps
Arsenic	75-2	175844	176118	176260	176074	0.12	cps
Barium	135-1	4027589	4058822	4111115	4065842	1.04	cps
Barium	137-1	7182879	7129057	7189318	7167085	0.46	cps
Beryllium	9-1	598896	600171	601662	600243	0.23	cps
Bismuth	209-1	6499943	6532642	6605594	6546060	0.83	cps
Bismuth	209-2	4728552	4725898	4719575	4724675	0.10	cps
Boron	10-1	72490	76099	76099	74896	2.78	cps
Boron	11-1	345156	355567	365061	355261	2.80	cps
Bromine	81-1	5409	5651	5418	5493	2.50	cps
Bromine	81-2	90	40	100	77	41.93	cps
Cadmium	111-1	848873	852150	855632	852219	0.40	cps
Cadmium	106-1	98180	99540	100270	99330	1.07	cps
Cadmium	108-1	66483	67316	67877	67226	1.04	cps
Calcium	43-1	944504	949239	957442	950395	0.69	cps
Calcium	44-1	14036816	14100074	14384697	14173862	1.31	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1536365	1558250	1543620	1546078	0.72	cps
Cobalt	59-2	2411014	2423549	2424829	2419797	0.32	cps
Copper	63-2	16956949	16792676	16708780	16819468	0.75	cps
Dysprosium	156-1	233	242	300	258	14.06	cps
Dysprosium	156-2	160	183	167	170	7.07	cps
Erbium	164-1	100	100	100	100	0.00	cps
Erbium	164-2	37	53	73	54	33.71	cps
Gadolinium	160-1	367	358	350	358	2.33	cps
Gadolinium	160-2	217	223	177	206	12.28	cps
Holmium	165-1	9868462	10079910	9953149	9967174	1.07	cps
Holmium	165-2	6689362	6668618	6592769	6650250	0.76	cps
Indium	115-1	7005194	6962999	7104582	7024258	1.03	cps
Indium	115-2	2307904	2315497	2303502	2308968	0.26	cps
Iron	56-2	67754442	68321474	68891914	68322610	0.83	cps
Iron	57-2	1723132	1733618	1735397	1730715	0.38	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 07:58:16	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	3862513	3888478	3872739	3874576	0.34	cps
Krypton	83-1	1957	2114	2040	2037	3.85	cps
Lead	206-1	15732582	15908957	16138209	15926583	1.28	cps
Lead	207-1	14643667	14668323	14751300	14687763	0.38	cps
Lead	208-1	64878422	65419838	65197033	65165098	0.42	cps
Lithium	6-1	2026896	2013441	2036436	2025591	0.57	cps
Magnesium	24-2	14526568	14464924	14398743	14463411	0.44	cps
Manganese	55-2	10311025	10458025	10446263	10405104	0.79	cps
Molybdenum	94-1	6755675	6730200	6819645	6768507	0.68	cps
Molybdenum	95-1	8218869	8265746	8343515	8276043	0.76	cps
Molybdenum	96-1	9356485	9348613	9442797	9382632	0.56	cps
Molybdenum	97-1	5133498	5180686	5259566	5191250	1.23	cps
Molybdenum	98-1	13454882	13454688	13607588	13505719	0.65	cps
Neodymium	150-1	153	293	260	236	31.05	cps
Neodymium	150-2	40	53	33	42	24.12	cps
Nickel	60-2	630137	634887	627383	630802	0.60	cps
Phosphorus	31-2	67737	69696	67912	68449	1.58	cps
Potassium	39-2	6853733	6899888	6888570	6880731	0.35	cps
Rhodium	103-1	6368788	6387035	6369304	6375042	0.16	cps
Rhodium	103-2	4153504	4206243	4170759	4176835	0.64	cps
Scandium	45-1	3857318	3847273	3868119	3857570	0.27	cps
Scandium	45-2	345741	347990	347933	347222	0.37	cps
Selenium	82-1	50026	50454	50178	50219	0.43	cps
Selenium	77-2	4891	4701	4597	4730	3.15	cps
Selenium	78-2	15736	15627	15814	15726	0.60	cps
Silicon	28-1	2452209	2549526	2604402	2535379	3.04	cps
Silver	107-1	4163286	4198520	4240272	4200693	0.92	cps
Silver	109-1	4046242	4101320	4100480	4082680	0.77	cps
Sodium	23-2	24994468	25062337	24883285	24980030	0.36	cps
Strontium	86-1	10185292	10209941	10104026	10166420	0.55	cps
Strontium	88-1	88433956	89622704	88652412	88903024	0.71	cps
Sulfur	34-1	714207	713492	709813	712504	0.33	cps
Terbium	159-1	9879519	10056391	9835899	9923936	1.18	cps
Terbium	159-2	6481620	6507116	6515746	6501494	0.27	cps
Thallium	203-1	3785244	3869307	3891153	3848568	1.45	cps
Thallium	205-1	9264240	9227936	9380538	9290905	0.86	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 07:58:16	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	13631857	13780498	13936477	13782944	1.11	cps
Tin	118-1	2847640	2869857	2880213	2865904	0.58	cps
Titanium	47-1	2057789	2061256	2068058	2062367	0.25	cps
Uranium	238-1	12981482	12954229	13072029	13002580	0.47	cps
Vanadium	51-2	1284181	1295247	1288347	1289258	0.43	cps
Yttrium	89-1	10105055	9999109	10197015	10100393	0.98	cps
Yttrium	89-2	2509758	2527218	2521393	2519456	0.35	cps
Zinc	66-2	2783080	2793982	2763911	2780325	0.55	cps
Zirconium	90-1	5319400	5301759	5317331	5312830	0.18	cps
Zirconium	91-1	1187307	1195397	1200683	1194462	0.56	cps

LB Number : LB114597 Operator : JASWAL
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2021-05-21 08:01:14 DataFile Name : 012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2715616	2715551	2679237	2703468	0.78	cps
Antimony	121-1	7193252	7169840	7207358	7190150	0.26	cps
Arsenic	75-2	353960	355740	352262	353987	0.49	cps
Barium	135-1	8188186	8291063	8292305	8257185	0.72	cps
Barium	137-1	14616397	14545120	14607196	14589571	0.27	cps
Beryllium	9-1	1176308	1169257	1159713	1168426	0.71	cps
Bismuth	209-1	6486904	6451245	6502769	6480306	0.41	cps
Bismuth	209-2	4636405	4642504	4663911	4647607	0.31	cps
Boron	10-1	146737	150287	153816	150280	2.36	cps
Boron	11-1	696488	703505	720472	706821	1.74	cps
Bromine	81-1	5376	5451	5351	5393	0.97	cps
Bromine	81-2	100	110	100	103	5.59	cps
Cadmium	111-1	1675049	1679581	1675753	1676794	0.15	cps
Cadmium	106-1	193258	194178	193394	193610	0.26	cps
Cadmium	108-1	134529	134782	132502	133938	0.93	cps
Calcium	43-1	1878743	1884135	1873213	1878697	0.29	cps
Calcium	44-1	28229880	28180798	28219118	28209932	0.09	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3055225	3047702	3050248	3051058	0.13	cps
Cobalt	59-2	4763223	4737277	4744322	4748274	0.28	cps
Copper	63-2	33121664	33503737	33174897	33266766	0.62	cps
Dysprosium	156-1	550	558	525	544	3.19	cps
Dysprosium	156-2	303	343	317	321	6.34	cps
Erbium	164-1	108	125	150	128	16.41	cps
Erbium	164-2	93	93	83	90	6.42	cps
Gadolinium	160-1	450	508	358	439	17.23	cps
Gadolinium	160-2	383	400	473	419	11.43	cps
Holmium	165-1	10007770	10035011	10062328	10035036	0.27	cps
Holmium	165-2	6471556	6734262	6652688	6619502	2.03	cps
Indium	115-1	7042477	6948733	7025917	7005709	0.71	cps
Indium	115-2	2272878	2264023	2285758	2274220	0.48	cps
Iron	56-2	134676186	135928586	136364831	135656535	0.65	cps
Iron	57-2	3420537	3414769	3443702	3426336	0.45	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 08:01:14	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	7613657	7444615	7551232	7536502	1.13	cps
Krypton	83-1	2054	1994	2017	2021	1.50	cps
Lead	206-1	31218084	32220440	31889654	31776059	1.61	cps
Lead	207-1	29135649	29907285	29311502	29451479	1.37	cps
Lead	208-1	130429493	131096579	130414349	130646807	0.30	cps
Lithium	6-1	2022454	2030613	2010882	2021316	0.49	cps
Magnesium	24-2	28912329	28851056	28876534	28879973	0.11	cps
Manganese	55-2	20973439	20509191	20780875	20754502	1.12	cps
Molybdenum	94-1	13591166	13503966	13631117	13575417	0.48	cps
Molybdenum	95-1	16913045	16708014	16878066	16833042	0.65	cps
Molybdenum	96-1	18705858	18902842	18871209	18826636	0.56	cps
Molybdenum	97-1	10525773	10676027	10569786	10590529	0.73	cps
Molybdenum	98-1	27470768	27280353	27242755	27331292	0.45	cps
Neodymium	150-1	413	460	440	438	5.35	cps
Neodymium	150-2	43	93	83	73	36.08	cps
Nickel	60-2	1235355	1232131	1236210	1234566	0.17	cps
Phosphorus	31-2	137209	136881	136410	136833	0.29	cps
Potassium	39-2	13708728	13669130	13838702	13738854	0.65	cps
Rhodium	103-1	6382742	6380621	6309596	6357653	0.65	cps
Rhodium	103-2	4119069	4115591	4124198	4119620	0.11	cps
Scandium	45-1	3879067	3850735	3866120	3865307	0.37	cps
Scandium	45-2	347915	348283	351948	349382	0.64	cps
Selenium	82-1	100029	100013	100013	100018	0.01	cps
Selenium	77-2	9246	9336	9020	9201	1.77	cps
Selenium	78-2	31282	31280	31683	31415	0.74	cps
Silicon	28-1	4355642	4453132	4509024	4439266	1.75	cps
Silver	107-1	8450521	8371044	8325258	8382274	0.76	cps
Silver	109-1	8126175	8194224	8085605	8135335	0.67	cps
Sodium	23-2	50327883	49876732	49516571	49907062	0.81	cps
Strontium	86-1	20592691	20125101	20428127	20381973	1.16	cps
Strontium	88-1	178266108	177485491	177460300	177737300	0.26	cps
Sulfur	34-1	986457	978437	977401	980765	0.51	cps
Terbium	159-1	10083925	9995091	10040888	10039968	0.44	cps
Terbium	159-2	6416239	6587717	6536067	6513341	1.35	cps
Thallium	203-1	7682602	7666390	7621931	7656974	0.41	cps
Thallium	205-1	18460017	18658818	18556188	18558341	0.54	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 08:01:14	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	28112857	27667496	27587438	27789264	1.02	cps
Tin	118-1	5659730	5647918	5672937	5660195	0.22	cps
Titanium	47-1	4115527	4127132	4128714	4123791	0.17	cps
Uranium	238-1	26416610	26656908	26292412	26455310	0.70	cps
Vanadium	51-2	2594185	2566253	2575089	2578509	0.55	cps
Yttrium	89-1	10552480	10134872	10354851	10347401	2.02	cps
Yttrium	89-2	2523020	2528596	2532851	2528156	0.20	cps
Zinc	66-2	5409297	5453552	5413705	5425518	0.45	cps
Zirconium	90-1	10786299	10702524	10752349	10747057	0.39	cps
Zirconium	91-1	2385017	2378682	2391291	2384997	0.26	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 08:04:11	DataFile Name :	013CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14217346	14235988	14195056	14216130	0.14	cps
Antimony	121-1	7519	7285	7602	7469	2.20	cps
Arsenic	75-2	261	213	254	243	10.69	cps
Barium	135-1	6410	5718	6076	6068	5.70	cps
Barium	137-1	10996	10171	10963	10710	4.36	cps
Beryllium	9-1	844	733	800	793	7.06	cps
Bismuth	209-1	5992456	5956902	5888028	5945795	0.89	cps
Bismuth	209-2	4358589	4334174	4336749	4343171	0.31	cps
Boron	10-1	4943	4776	4609	4776	3.49	cps
Boron	11-1	24011	21625	19997	21878	9.23	cps
Bromine	81-1	5226	5234	5243	5234	0.16	cps
Bromine	81-2	50	50	70	57	20.38	cps
Cadmium	111-1	1614	1730	1756	1700	4.47	cps
Cadmium	106-1	3659	3859	3626	3714	3.40	cps
Cadmium	108-1	175	125	158	153	16.66	cps
Calcium	43-1	8432890	8286513	8598996	8439466	1.85	cps
Calcium	44-1	136871564	135766777	139315972	137318104	1.32	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	21906	21976	21336	21739	1.62	cps
Cobalt	59-2	9003	8629	8356	8663	3.75	cps
Copper	63-2	31597	31110	29640	30782	3.31	cps
Dysprosium	156-1	1967	2050	1817	1945	6.08	cps
Dysprosium	156-2	1387	1567	1497	1483	6.12	cps
Erbium	164-1	408	425	358	397	8.73	cps
Erbium	164-2	297	240	313	283	13.57	cps
Gadolinium	160-1	2284	2475	2117	2292	7.83	cps
Gadolinium	160-2	1687	1777	1680	1715	3.15	cps
Holmium	165-1	9808352	9699641	9728547	9745514	0.58	cps
Holmium	165-2	6456005	6444383	6697802	6532730	2.19	cps
Indium	115-1	6804295	6787948	6756381	6782875	0.36	cps
Indium	115-2	2282889	2298702	2294086	2291893	0.35	cps
Iron	56-2	680855126	692908371	683088060	685617186	0.94	cps
Iron	57-2	16995540	17278336	16927776	17067217	1.09	cps

LB Number : LB114597 Operator : JASWAL
 Lab Sample ID : S8 Instrumnet Name : P7
 Client Sample ID : S8 Dilution Factor : 1
 Date & Time Acquired :: 2021-05-21 08:04:11 DataFile Name : 013CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	37515273	36613441	37218229	37115648	1.24	cps
Krypton	83-1	2060	1930	2077	2022	3.97	cps
Lead	206-1	73524	73820	73356	73567	0.32	cps
Lead	207-1	68419	68771	68759	68650	0.29	cps
Lead	208-1	305518	305064	304105	304896	0.24	cps
Lithium	6-1	1983050	2021726	2015299	2006692	1.03	cps
Magnesium	24-2	150334658	152022541	149641658	150666285	0.81	cps
Manganese	55-2	18992	18135	16896	18008	5.85	cps
Molybdenum	94-1	9245	8911	9662	9273	4.06	cps
Molybdenum	95-1	11847	11380	12414	11880	4.36	cps
Molybdenum	96-1	13290	14107	14324	13907	3.92	cps
Molybdenum	97-1	7636	7285	7511	7477	2.37	cps
Molybdenum	98-1	18980	18237	19689	18969	3.83	cps
Neodymium	150-1	53	33	87	58	46.64	cps
Neodymium	150-2	7	33	43	28	68.22	cps
Nickel	60-2	4637	4597	4831	4689	2.66	cps
Phosphorus	31-2	517	500	525	514	2.48	cps
Potassium	39-2	69789418	68742991	69694758	69409056	0.83	cps
Rhodium	103-1	5805937	5791537	5838646	5812040	0.42	cps
Rhodium	103-2	3928470	3928728	3945701	3934300	0.25	cps
Scandium	45-1	3838385	3939325	3854199	3877303	1.40	cps
Scandium	45-2	350410	349525	351321	350419	0.26	cps
Selenium	82-1	13	251	51	105	121.72	cps
Selenium	77-2	13	0	17	10	88.20	cps
Selenium	78-2	172	196	185	185	6.53	cps
Silicon	28-1	414727	415502	424273	418167	1.27	cps
Silver	107-1	5901	5501	5793	5732	3.61	cps
Silver	109-1	5901	5610	5018	5510	8.17	cps
Sodium	23-2	249230314	252255914	250387439	250624556	0.61	cps
Strontium	86-1	16635	16644	17277	16852	2.19	cps
Strontium	88-1	117049	113514	119948	116837	2.76	cps
Sulfur	34-1	418137	414885	423775	418932	1.07	cps
Terbium	159-1	9768866	9811527	9800038	9793477	0.23	cps
Terbium	159-2	6519164	6405563	6622506	6515744	1.67	cps
Thallium	203-1	6710	6068	6210	6329	5.33	cps
Thallium	205-1	15860	14091	13491	14481	8.51	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 08:04:11	DataFile Name :	013CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	12968	12907	14063	13313	4.89	cps
Tin	118-1	5718	6268	6643	6210	7.50	cps
Titanium	47-1	2584	2350	2575	2503	5.29	cps
Uranium	238-1	12623	11505	12982	12370	6.23	cps
Vanadium	51-2	1347	1333	1120	1267	10.04	cps
Yttrium	89-1	10029137	9994935	10026040	10016704	0.19	cps
Yttrium	89-2	2582478	2583746	2591728	2585984	0.19	cps
Zinc	66-2	15812	15618	15925	15785	0.98	cps
Zirconium	90-1	6668	6060	6727	6485	5.70	cps
Zirconium	91-1	1367	1225	1583	1392	12.97	cps

LB Number : LB114597 Operator : JASWAL
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2021-05-21 08:28:38 DataFile Name : 014ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	72483	72031	71579	72031	0.63	cps
Antimony	121-1	1444506	1445233	1452473	1447404	0.30	cps
Arsenic	75-2	74424	73825	74087	74112	0.41	cps
Barium	135-1	171775	169657	170838	170757	0.62	cps
Barium	137-1	300536	298072	302874	300494	0.80	cps
Beryllium	9-1	127193	126819	124185	126066	1.30	cps
Bismuth	209-1	6758539	6712312	6665898	6712250	0.69	cps
Bismuth	209-2	4884713	4884482	4871363	4880186	0.16	cps
Boron	10-1	74901	78335	80104	77780	3.40	cps
Boron	11-1	356563	370921	380462	369315	3.26	cps
Bromine	81-1	5993	5234	5193	5473	8.23	cps
Bromine	81-2	90	40	60	63	39.74	cps
Cadmium	111-1	181022	181123	181068	181071	0.03	cps
Cadmium	106-1	38369	38277	36990	37879	2.03	cps
Cadmium	108-1	21212	21149	20999	21120	0.52	cps
Calcium	43-1	41684	43690	42855	42743	2.36	cps
Calcium	44-1	645152	644628	646882	645554	0.18	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	325267	323243	319736	322749	0.87	cps
Cobalt	59-2	520209	516000	514141	516783	0.60	cps
Copper	63-2	365928	363031	364710	364556	0.40	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	7	7	7	7	0.00	cps
Erbium	164-1	83	67	92	81	15.80	cps
Erbium	164-2	43	50	20	38	41.70	cps
Gadolinium	160-1	67	8	33	36	81.06	cps
Gadolinium	160-2	57	67	60	61	8.33	cps
Holmium	165-1	9980585	10193215	9979900	10051233	1.22	cps
Holmium	165-2	6885301	6783396	6637611	6768769	1.84	cps
Indium	115-1	7312516	7424952	7347659	7361709	0.78	cps
Indium	115-2	2398462	2406114	2377481	2394019	0.62	cps
Iron	56-2	5703650	5575266	5572460	5617125	1.33	cps
Iron	57-2	144345	141843	140649	142279	1.33	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 08:28:38	DataFile Name :	014ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	332385	323630	325359	327125	1.42	cps
Krypton	83-1	1973	1960	2040	1991	2.15	cps
Lead	206-1	1428394	1447640	1445302	1440445	0.73	cps
Lead	207-1	1226307	1232181	1234342	1230943	0.34	cps
Lead	208-1	5637323	5688626	5709012	5678320	0.65	cps
Lithium	6-1	2155302	2134146	2130193	2139880	0.63	cps
Magnesium	24-2	362963	365626	358292	362293	1.02	cps
Manganese	55-2	218362	215257	214604	216074	0.93	cps
Molybdenum	94-1	6947604	6980719	6890887	6939737	0.65	cps
Molybdenum	95-1	8516666	8501576	8399058	8472434	0.76	cps
Molybdenum	96-1	9506271	9600341	9471148	9525920	0.70	cps
Molybdenum	97-1	5247141	5302697	5264779	5271539	0.54	cps
Molybdenum	98-1	13858277	13654638	13717678	13743531	0.76	cps
Neodymium	150-1	20	40	0	20	100.00	cps
Neodymium	150-2	3	7	10	7	50.03	cps
Nickel	60-2	134567	134382	133420	134123	0.46	cps
Phosphorus	31-2	317	467	467	417	20.78	cps
Potassium	39-2	645979	651296	638995	645423	0.96	cps
Rhodium	103-1	6836462	6754227	6760175	6783622	0.68	cps
Rhodium	103-2	4412140	4383276	4382405	4392607	0.39	cps
Scandium	45-1	4113142	4066537	4073681	4084453	0.61	cps
Scandium	45-2	363680	362936	360307	362308	0.49	cps
Selenium	82-1	21851	22624	21580	22018	2.46	cps
Selenium	77-2	1857	2020	2034	1970	4.99	cps
Selenium	78-2	7000	6626	6898	6841	2.83	cps
Silicon	28-1	2186088	2180511	2177593	2181397	0.20	cps
Silver	107-1	439815	438234	439410	439153	0.19	cps
Silver	109-1	416737	419756	421459	419317	0.57	cps
Sodium	23-2	1059446	1070399	1046164	1058670	1.15	cps
Strontium	86-1	1105210	1105901	1108689	1106600	0.17	cps
Strontium	88-1	9675872	9686908	9533909	9632230	0.89	cps
Sulfur	34-1	460706	454705	448085	454498	1.39	cps
Terbium	159-1	10123751	10090553	9978285	10064196	0.76	cps
Terbium	159-2	6688636	6673670	6601726	6654677	0.70	cps
Thallium	203-1	1656806	1696477	1668975	1674086	1.21	cps
Thallium	205-1	3956128	4019574	4004377	3993360	0.83	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 08:28:38	DataFile Name :	014ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	187989	189554	192463	190002	1.20	cps
Tin	118-1	3012956	3036606	3030449	3026670	0.41	cps
Titanium	47-1	2350962	2340545	2314275	2335260	0.81	cps
Uranium	238-1	13235650	13437922	13528610	13400727	1.12	cps
Vanadium	51-2	263265	262454	261274	262331	0.38	cps
Yttrium	89-1	10858746	10500363	10534254	10631121	1.86	cps
Yttrium	89-2	2617987	2602310	2612697	2610998	0.31	cps
Zinc	66-2	115767	115068	114659	115165	0.49	cps
Zirconium	90-1	5761457	5731935	5710632	5734675	0.45	cps
Zirconium	91-1	1262380	1257360	1262932	1260891	0.24	cps

LB Number : LB114597 Operator : JASWAL
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2021-05-21 08:32:12 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108	75	117	100	22.05	cps
Antimony	121-1	708	575	575	619	12.43	cps
Arsenic	75-2	20	11	26	19	39.12	cps
Barium	135-1	50	67	50	56	17.32	cps
Barium	137-1	92	25	42	53	65.74	cps
Beryllium	9-1	89	117	100	102	13.73	cps
Bismuth	209-1	6696021	6676766	6689901	6687562	0.15	cps
Bismuth	209-2	4876481	4857029	4835176	4856229	0.43	cps
Boron	10-1	2117	1800	1725	1881	11.06	cps
Boron	11-1	10012	9637	8277	9309	9.80	cps
Bromine	81-1	5576	5226	5468	5423	3.31	cps
Bromine	81-2	70	60	50	60	16.67	cps
Cadmium	111-1	726	639	707	691	6.58	cps
Cadmium	106-1	3492	3200	3492	3395	4.96	cps
Cadmium	108-1	21	25	29	25	16.68	cps
Calcium	43-1	233	100	192	175	38.98	cps
Calcium	44-1	11645	12279	12621	12182	4.06	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1430	1367	1457	1418	3.26	cps
Cobalt	59-2	163	153	153	157	3.69	cps
Copper	63-2	1010	840	933	928	9.18	cps
Dysprosium	156-1	8	8	25	14	69.31	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	58	33	117	69	61.58	cps
Erbium	164-2	47	47	47	47	0.00	cps
Gadolinium	160-1	58	42	50	50	16.66	cps
Gadolinium	160-2	27	57	60	48	38.42	cps
Holmium	165-1	9911881	9919190	9932643	9921238	0.11	cps
Holmium	165-2	6684839	6736157	6614995	6678663	0.91	cps
Indium	115-1	7291919	7248457	7283579	7274651	0.32	cps
Indium	115-2	2432653	2385896	2403381	2407310	0.98	cps
Iron	56-2	6957	7508	7241	7235	3.80	cps
Iron	57-2	194	206	250	217	13.57	cps

LB Number : LB114597 Operator : JASWAL
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2021-05-21 08:32:12 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1321	1371	1171	1288	8.09	cps
Krypton	83-1	2094	2090	2324	2169	6.17	cps
Lead	206-1	1639	1700	1695	1678	2.01	cps
Lead	207-1	1495	1411	1517	1474	3.78	cps
Lead	208-1	6640	6667	6767	6692	1.00	cps
Lithium	6-1	2105790	2085588	2086651	2092677	0.54	cps
Magnesium	24-2	542	592	692	608	12.56	cps
Manganese	55-2	103	103	163	123	28.09	cps
Molybdenum	94-1	1492	1167	1133	1264	15.66	cps
Molybdenum	95-1	1267	1392	1142	1267	9.87	cps
Molybdenum	96-1	1967	1542	1200	1570	24.47	cps
Molybdenum	97-1	992	842	717	850	16.20	cps
Molybdenum	98-1	2242	2192	1742	2059	13.38	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	143	173	133	150	13.88	cps
Phosphorus	31-2	367	375	375	372	1.29	cps
Potassium	39-2	60758	60339	62407	61168	1.79	cps
Rhodium	103-1	6741454	6683094	6642509	6689019	0.74	cps
Rhodium	103-2	4421530	4337915	4379276	4379574	0.95	cps
Scandium	45-1	3988089	3954917	3956681	3966562	0.47	cps
Scandium	45-2	360606	355285	357552	357814	0.75	cps
Selenium	82-1	-81	80	-234	-78	-200.45	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	163	183	178	175	6.03	cps
Silicon	28-1	370709	367010	367547	368422	0.54	cps
Silver	107-1	375	300	300	325	13.32	cps
Silver	109-1	308	208	225	247	21.67	cps
Sodium	23-2	34816	34824	35434	35025	1.01	cps
Strontium	86-1	3901	3100	3484	3495	11.45	cps
Strontium	88-1	1300	967	1042	1103	15.86	cps
Sulfur	34-1	441310	439326	445736	442124	0.74	cps
Terbium	159-1	10061205	9894803	10156349	10037452	1.32	cps
Terbium	159-2	6590995	6570557	6598540	6586697	0.22	cps
Thallium	203-1	833	750	683	756	9.95	cps
Thallium	205-1	2009	1750	1642	1800	10.47	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 08:32:12	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	267	228	272	256	9.48	cps
Tin	118-1	983	808	883	892	9.85	cps
Titanium	47-1	325	342	358	342	4.88	cps
Uranium	238-1	1667	1100	1308	1358	21.10	cps
Vanadium	51-2	30	47	13	30	55.57	cps
Yttrium	89-1	10399974	10178317	10157564	10245285	1.31	cps
Yttrium	89-2	2606275	2562827	2594182	2587762	0.87	cps
Zinc	66-2	377	380	387	381	1.34	cps
Zirconium	90-1	1350	1175	1208	1245	7.47	cps
Zirconium	91-1	233	175	292	233	25.00	cps

LB Number : LB114597 Operator : JASWAL
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2021-05-21 08:35:21 DataFile Name : 016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13084570	13230529	12969122	13094740	1.00	cps
Antimony	121-1	8478	7811	7819	8036	4.76	cps
Arsenic	75-2	128	117	130	125	5.62	cps
Barium	135-1	2450	2625	2392	2489	4.88	cps
Barium	137-1	4134	4351	3867	4117	5.88	cps
Beryllium	9-1	444	439	456	446	1.90	cps
Bismuth	209-1	6418358	6435045	6477480	6443628	0.47	cps
Bismuth	209-2	4701072	4706358	4747168	4718199	0.53	cps
Boron	10-1	1217	1375	1217	1270	7.20	cps
Boron	11-1	5443	5718	5326	5496	3.66	cps
Bromine	81-1	6035	6176	6043	6085	1.31	cps
Bromine	81-2	190	190	240	207	13.97	cps
Cadmium	111-1	1767	1716	1556	1680	6.54	cps
Cadmium	106-1	3642	3692	3551	3628	1.98	cps
Cadmium	108-1	1963	1979	2029	1990	1.74	cps
Calcium	43-1	1817202	1836470	1846928	1833533	0.82	cps
Calcium	44-1	27848699	27699143	28223559	27923800	0.97	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	64908	65109	65317	65112	0.31	cps
Cobalt	59-2	6191	5805	6085	6027	3.31	cps
Copper	63-2	28531	29243	29503	29092	1.73	cps
Dysprosium	156-1	33	25	25	28	17.31	cps
Dysprosium	156-2	27	20	27	24	15.75	cps
Erbium	164-1	108	133	50	97	43.99	cps
Erbium	164-2	40	47	60	49	20.83	cps
Gadolinium	160-1	50	50	142	81	65.70	cps
Gadolinium	160-2	73	100	73	82	18.73	cps
Holmium	165-1	10080169	10278925	10087587	10148894	1.11	cps
Holmium	165-2	6925479	6924121	6913215	6920938	0.10	cps
Indium	115-1	7241014	7261958	7249040	7250671	0.15	cps
Indium	115-2	2389916	2411071	2408299	2403095	0.48	cps
Iron	56-2	278949451	275811201	274957639	276572764	0.76	cps
Iron	57-2	6923067	6865989	6791157	6860071	0.96	cps

LB Number : LB114597 Operator : JASWAL
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2021-05-21 08:35:21 DataFile Name : 016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	14971023	15158467	15177259	15102250	0.76	cps
Krypton	83-1	2210	2144	2074	2142	3.19	cps
Lead	206-1	39503	38133	37152	38263	3.09	cps
Lead	207-1	32874	31593	29644	31370	5.18	cps
Lead	208-1	153031	145798	140839	146556	4.18	cps
Lithium	6-1	2052815	2016668	2045335	2038273	0.94	cps
Magnesium	24-2	28099805	28505977	28053885	28219889	0.88	cps
Manganese	55-2	16416	16389	16489	16431	0.32	cps
Molybdenum	94-1	3580930	3604906	3628241	3604692	0.66	cps
Molybdenum	95-1	6403153	6369086	6308224	6360154	0.76	cps
Molybdenum	96-1	6858456	6925788	6955433	6913226	0.72	cps
Molybdenum	97-1	3957360	3971769	4013251	3980794	0.73	cps
Molybdenum	98-1	10276601	10275614	10416990	10323068	0.79	cps
Neodymium	150-1	47	27	7	27	74.99	cps
Neodymium	150-2	23	17	30	23	28.56	cps
Nickel	60-2	7022	6978	7249	7083	2.05	cps
Phosphorus	31-2	685605	691232	685732	687523	0.47	cps
Potassium	39-2	27520447	27567038	27125580	27404355	0.89	cps
Rhodium	103-1	6573904	6424547	6491264	6496572	1.15	cps
Rhodium	103-2	4264220	4287551	4288467	4280079	0.32	cps
Scandium	45-1	4036336	4026982	4035871	4033063	0.13	cps
Scandium	45-2	367063	367696	365520	366760	0.31	cps
Selenium	82-1	-222	-127	0	-116	-96.06	cps
Selenium	77-2	0	13	0	4	173.21	cps
Selenium	78-2	191	185	169	181	6.37	cps
Silicon	28-1	453663	449942	454079	452561	0.50	cps
Silver	107-1	650	558	625	611	7.75	cps
Silver	109-1	525	633	517	558	11.66	cps
Sodium	23-2	50400073	50865141	50317050	50527421	0.58	cps
Strontium	86-1	73998	73882	75431	74437	1.16	cps
Strontium	88-1	619024	619093	630915	623010	1.10	cps
Sulfur	34-1	3223420	3209921	3213996	3215779	0.22	cps
Terbium	159-1	10079606	10295091	10317905	10230867	1.29	cps
Terbium	159-2	6777401	6769910	6757412	6768241	0.15	cps
Thallium	203-1	1834	2017	2150	2000	7.95	cps
Thallium	205-1	4234	4242	5026	4501	10.11	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 08:35:21	DataFile Name :	016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	428	378	422	409	6.70	cps
Tin	118-1	1633	1500	1650	1595	5.16	cps
Titanium	47-1	1691275	1711390	1705245	1702636	0.61	cps
Uranium	238-1	767	767	675	736	7.19	cps
Vanadium	51-2	440	460	397	432	7.49	cps
Yttrium	89-1	10627860	10363279	10580748	10523962	1.34	cps
Yttrium	89-2	2647312	2656792	2662401	2655502	0.29	cps
Zinc	66-2	6708	7038	7055	6934	2.82	cps
Zirconium	90-1	1008	1100	1108	1072	5.18	cps
Zirconium	91-1	200	258	217	225	13.35	cps

LB Number : LB114597 Operator : JASWAL
 Lab Sample ID : ICSAB01 Instrumnet Name : P7
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2021-05-21 08:38:25 DataFile Name : 017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13507479	13166528	13143246	13272418	1.54	cps
Antimony	121-1	156570	159294	154440	156768	1.55	cps
Arsenic	75-2	7926	7632	7600	7719	2.33	cps
Barium	135-1	35688	37350	36373	36471	2.29	cps
Barium	137-1	64014	64400	65094	64502	0.85	cps
Beryllium	9-1	23602	24014	24464	24027	1.80	cps
Bismuth	209-1	6493823	6521539	6500043	6505135	0.22	cps
Bismuth	209-2	4717570	4693240	4743524	4718111	0.53	cps
Boron	10-1	10237	10229	10412	10293	1.01	cps
Boron	11-1	48553	47784	48804	48380	1.10	cps
Bromine	81-1	6527	6693	6135	6452	4.44	cps
Bromine	81-2	150	180	180	170	10.19	cps
Cadmium	111-1	35697	36704	36547	36316	1.49	cps
Cadmium	106-1	8428	8611	8436	8492	1.22	cps
Cadmium	108-1	5139	5088	4893	5040	2.58	cps
Calcium	43-1	1895764	1874137	1871525	1880476	0.71	cps
Calcium	44-1	28734397	28229562	28719915	28561291	1.01	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	130326	129838	130454	130206	0.25	cps
Cobalt	59-2	108614	107668	107796	108026	0.48	cps
Copper	63-2	102344	102008	101704	102019	0.31	cps
Dysprosium	156-1	8	17	25	17	50.01	cps
Dysprosium	156-2	23	10	20	18	39.03	cps
Erbium	164-1	58	108	142	103	40.81	cps
Erbium	164-2	87	27	77	63	50.75	cps
Gadolinium	160-1	75	83	67	75	11.11	cps
Gadolinium	160-2	87	60	83	77	18.95	cps
Holmium	165-1	10234887	10461050	10233211	10309716	1.27	cps
Holmium	165-2	6789768	6773034	6806604	6789802	0.25	cps
Indium	115-1	7404576	7485920	7338616	7409704	1.00	cps
Indium	115-2	2438353	2420447	2449085	2435962	0.59	cps
Iron	56-2	280614490	280589356	287272984	282825610	1.36	cps
Iron	57-2	7182972	6961535	7046686	7063731	1.58	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 08:38:25	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	15401860	15223781	15354972	15326871	0.60	cps
Krypton	83-1	2174	2034	2067	2091	3.50	cps
Lead	206-1	162860	163602	162270	162910	0.41	cps
Lead	207-1	137872	138792	138275	138313	0.33	cps
Lead	208-1	635471	634340	631961	633924	0.28	cps
Lithium	6-1	2027161	2034917	2000298	2020792	0.90	cps
Magnesium	24-2	28750900	28657627	28569723	28659416	0.32	cps
Manganese	55-2	59904	59416	60474	59931	0.88	cps
Molybdenum	94-1	4021232	4066434	4018696	4035454	0.67	cps
Molybdenum	95-1	6740773	6684323	6746405	6723833	0.51	cps
Molybdenum	96-1	7349869	7311973	7372637	7344826	0.42	cps
Molybdenum	97-1	4123339	4207323	4187910	4172857	1.05	cps
Molybdenum	98-1	10978480	10886662	10802144	10889096	0.81	cps
Neodymium	150-1	27	47	53	42	32.86	cps
Neodymium	150-2	13	10	23	16	44.60	cps
Nickel	60-2	34230	33719	33194	33714	1.54	cps
Phosphorus	31-2	699474	699340	700275	699697	0.07	cps
Potassium	39-2	28240036	28123168	28160481	28174562	0.21	cps
Rhodium	103-1	6670949	6662927	6647802	6660559	0.18	cps
Rhodium	103-2	4329915	4330699	4342007	4334207	0.16	cps
Scandium	45-1	4139105	4107013	4082725	4109614	0.69	cps
Scandium	45-2	369342	370518	373398	371086	0.56	cps
Selenium	82-1	2067	2199	2166	2144	3.19	cps
Selenium	77-2	203	213	260	226	13.41	cps
Selenium	78-2	839	820	806	822	2.03	cps
Silicon	28-1	654979	663438	659829	659416	0.64	cps
Silver	107-1	169140	170320	172133	170531	0.88	cps
Silver	109-1	163315	165077	162766	163720	0.74	cps
Sodium	23-2	51985038	51410245	51146282	51513855	0.83	cps
Strontium	86-1	195022	194253	192810	194029	0.58	cps
Strontium	88-1	1653506	1671684	1665555	1663582	0.56	cps
Sulfur	34-1	3254457	3259532	3258368	3257453	0.08	cps
Terbium	159-1	10311915	10298790	10132376	10247694	0.98	cps
Terbium	159-2	6762953	6796584	6823866	6794468	0.45	cps
Thallium	203-1	157843	161326	158071	159080	1.22	cps
Thallium	205-1	376957	390234	378248	381813	1.92	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 08:38:25	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	20194	19637	19565	19798	1.74	cps
Tin	118-1	325750	329748	323615	326371	0.95	cps
Titanium	47-1	1780540	1807006	1782705	1790084	0.82	cps
Uranium	238-1	1424640	1432714	1415308	1424221	0.61	cps
Vanadium	51-2	54490	54115	53767	54124	0.67	cps
Yttrium	89-1	10858044	10721923	10713413	10764460	0.75	cps
Yttrium	89-2	2691865	2680319	2706305	2692830	0.48	cps
Zinc	66-2	19233	18392	19086	18903	2.38	cps
Zirconium	90-1	608786	615824	611299	611970	0.58	cps
Zirconium	91-1	136369	136605	136662	136545	0.11	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	CCV01	Instrumnet Name :	P7
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 08:41:30	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7134963	7071315	7036605	7080961	0.70	cps
Antimony	121-1	3607956	3636860	3588911	3611243	0.67	cps
Arsenic	75-2	182512	182319	181082	181971	0.43	cps
Barium	135-1	4049415	4133715	4103222	4095451	1.04	cps
Barium	137-1	7356157	7373427	7245239	7324941	0.95	cps
Beryllium	9-1	588036	585837	584260	586045	0.32	cps
Bismuth	209-1	6212549	6217354	6211431	6213778	0.05	cps
Bismuth	209-2	4515487	4506649	4527902	4516679	0.24	cps
Boron	10-1	72548	73629	75396	73858	1.95	cps
Boron	11-1	343040	360814	360206	354686	2.85	cps
Bromine	81-1	5593	6302	5743	5879	6.35	cps
Bromine	81-2	70	70	80	73	7.87	cps
Cadmium	111-1	862818	875999	864004	867607	0.84	cps
Cadmium	106-1	102014	102090	101990	102031	0.05	cps
Cadmium	108-1	67488	68568	70021	68693	1.85	cps
Calcium	43-1	4643312	4646299	4666669	4652093	0.27	cps
Calcium	44-1	71353846	70939595	70430016	70907819	0.65	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1591353	1597590	1594456	1594466	0.20	cps
Cobalt	59-2	2469196	2447459	2458287	2458314	0.44	cps
Copper	63-2	17371553	17317348	17159312	17282738	0.64	cps
Dysprosium	156-1	908	1025	1025	986	6.83	cps
Dysprosium	156-2	803	777	670	750	9.41	cps
Erbium	164-1	233	200	208	214	8.11	cps
Erbium	164-2	143	167	107	139	21.78	cps
Gadolinium	160-1	1183	1242	1208	1211	2.42	cps
Gadolinium	160-2	860	843	793	832	4.17	cps
Holmium	165-1	10035583	10246077	9970216	10083958	1.43	cps
Holmium	165-2	6779467	6824888	6678559	6760971	1.11	cps
Indium	115-1	7160785	7074585	6995009	7076793	1.17	cps
Indium	115-2	2357164	2364858	2354676	2358899	0.23	cps
Iron	56-2	352226341	348956241	350489430	350557337	0.47	cps
Iron	57-2	8675921	8748078	8697801	8707267	0.42	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	CCV01	Instrumnet Name :	P7
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 08:41:30	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	19095253	19071117	18985488	19050619	0.30	cps
Krypton	83-1	2063	2190	2047	2100	3.73	cps
Lead	206-1	15444419	15385192	15267581	15365731	0.59	cps
Lead	207-1	14197195	14204128	14276716	14226013	0.31	cps
Lead	208-1	63371907	63335922	63280201	63329343	0.07	cps
Lithium	6-1	1969823	1961929	1969039	1966930	0.22	cps
Magnesium	24-2	75826606	76946729	76119873	76297736	0.76	cps
Manganese	55-2	10842707	10896288	10746640	10828545	0.70	cps
Molybdenum	94-1	6985175	7080196	7046680	7037350	0.68	cps
Molybdenum	95-1	8709956	8701779	8645352	8685696	0.41	cps
Molybdenum	96-1	9617653	9685829	9639764	9647748	0.36	cps
Molybdenum	97-1	5326856	5356099	5310439	5331131	0.43	cps
Molybdenum	98-1	13800513	14062095	14035309	13965972	1.03	cps
Neodymium	150-1	220	213	253	229	9.36	cps
Neodymium	150-2	63	53	57	58	8.81	cps
Nickel	60-2	633782	634452	627014	631749	0.65	cps
Phosphorus	31-2	73020	72685	72652	72786	0.28	cps
Potassium	39-2	35220340	35483958	35055155	35253151	0.61	cps
Rhodium	103-1	6380400	6323028	6376472	6359967	0.50	cps
Rhodium	103-2	4160163	4161515	4187675	4169785	0.37	cps
Scandium	45-1	4001310	4020325	4004969	4008868	0.25	cps
Scandium	45-2	366569	369039	365126	366911	0.54	cps
Selenium	82-1	50663	51176	51099	50979	0.54	cps
Selenium	77-2	4854	4828	4851	4844	0.30	cps
Selenium	78-2	16478	16102	16333	16304	1.16	cps
Silicon	28-1	2257798	2297775	2291505	2282359	0.94	cps
Silver	107-1	4263187	4350988	4283019	4299064	1.07	cps
Silver	109-1	4079148	4157025	4123733	4119969	0.95	cps
Sodium	23-2	125020453	123952969	124160094	124377839	0.46	cps
Strontium	86-1	10577959	10405482	10498164	10493868	0.82	cps
Strontium	88-1	92364512	91798692	91125131	91762778	0.68	cps
Sulfur	34-1	714136	717001	713610	714916	0.26	cps
Terbium	159-1	9974812	10119733	9950759	10015101	0.91	cps
Terbium	159-2	6613799	6697300	6611473	6640857	0.74	cps
Thallium	203-1	3699105	3702234	3697589	3699643	0.06	cps
Thallium	205-1	8987540	9026746	9031202	9015163	0.27	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	CCV01	Instrumnet Name :	P7
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 08:41:30	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	13705824	13801660	13845442	13784309	0.52	cps
Tin	118-1	2866909	2866739	2859064	2864238	0.16	cps
Titanium	47-1	2130648	2154154	2141633	2142145	0.55	cps
Uranium	238-1	13012036	13065691	13006954	13028227	0.25	cps
Vanadium	51-2	1341404	1350509	1342571	1344828	0.37	cps
Yttrium	89-1	10452582	10479414	10367420	10433139	0.56	cps
Yttrium	89-2	2635358	2664721	2644819	2648299	0.57	cps
Zinc	66-2	2824627	2829594	2793931	2816051	0.69	cps
Zirconium	90-1	5596004	5463405	5540023	5533144	1.20	cps
Zirconium	91-1	1229284	1233360	1237628	1233424	0.34	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	CCB01	Instrumnet Name :	P7
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 08:55:17	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	133	142	108	128	13.57	cps
Antimony	121-1	283	342	300	308	9.75	cps
Arsenic	75-2	13	15	13	14	7.87	cps
Barium	135-1	58	33	17	36	58.08	cps
Barium	137-1	125	42	75	81	52.07	cps
Beryllium	9-1	111	106	111	109	2.93	cps
Bismuth	209-1	6574542	6669678	6673947	6639389	0.85	cps
Bismuth	209-2	4867151	4857716	4840102	4854990	0.28	cps
Boron	10-1	633	792	633	686	13.32	cps
Boron	11-1	2925	3084	3075	3028	2.94	cps
Bromine	81-1	5868	5693	6110	5890	3.55	cps
Bromine	81-2	110	140	80	110	27.28	cps
Cadmium	111-1	687	711	683	694	2.16	cps
Cadmium	106-1	3409	3592	3451	3484	2.76	cps
Cadmium	108-1	17	17	33	22	43.28	cps
Calcium	43-1	242	267	250	253	5.04	cps
Calcium	44-1	12188	12922	12530	12547	2.93	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1460	1370	1583	1471	7.28	cps
Cobalt	59-2	137	120	157	138	13.33	cps
Copper	63-2	1200	1163	1297	1220	5.65	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	42	58	42	47	20.37	cps
Erbium	164-2	47	60	30	46	32.99	cps
Gadolinium	160-1	33	75	83	64	41.93	cps
Gadolinium	160-2	67	57	67	63	9.12	cps
Holmium	165-1	10080327	10149408	10008418	10079384	0.70	cps
Holmium	165-2	6791908	6779914	6828009	6799944	0.37	cps
Indium	115-1	7462153	7724302	7452209	7546221	2.04	cps
Indium	115-2	2458877	2451445	2456377	2455566	0.15	cps
Iron	56-2	9464	9220	9175	9286	1.68	cps
Iron	57-2	161	233	239	211	20.56	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	CCB01	Instrumnet Name :	P7
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 08:55:17	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1602	1402	1512	1505	6.66	cps
Krypton	83-1	1940	2074	2130	2048	4.76	cps
Lead	206-1	1739	1678	1628	1682	3.31	cps
Lead	207-1	1350	1222	1567	1380	12.62	cps
Lead	208-1	6612	6640	6662	6638	0.38	cps
Lithium	6-1	2013156	2068084	2057200	2046147	1.42	cps
Magnesium	24-2	983	933	1125	1014	9.81	cps
Manganese	55-2	160	210	170	180	14.70	cps
Molybdenum	94-1	375	317	425	372	14.57	cps
Molybdenum	95-1	217	283	200	233	18.90	cps
Molybdenum	96-1	383	300	300	328	14.68	cps
Molybdenum	97-1	158	58	133	117	44.61	cps
Molybdenum	98-1	400	275	350	342	18.41	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	140	157	153	150	5.88	cps
Phosphorus	31-2	358	400	467	408	13.38	cps
Potassium	39-2	66566	67436	65947	66650	1.12	cps
Rhodium	103-1	6883628	6978967	6839314	6900636	1.03	cps
Rhodium	103-2	4456708	4454733	4416369	4442603	0.51	cps
Scandium	45-1	4081478	4100817	4050182	4077492	0.63	cps
Scandium	45-2	367603	368142	367011	367585	0.15	cps
Selenium	82-1	105	-41	-72	-2	-3857.74	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	181	165	202	183	10.15	cps
Silicon	28-1	378352	373823	373297	375157	0.74	cps
Silver	107-1	158	183	200	181	11.62	cps
Silver	109-1	100	75	117	97	21.57	cps
Sodium	23-2	41132	40547	41040	40906	0.77	cps
Strontium	86-1	3701	3676	3642	3673	0.80	cps
Strontium	88-1	767	800	775	781	2.22	cps
Sulfur	34-1	458013	461372	451234	456873	1.13	cps
Terbium	159-1	10452642	10212716	10242027	10302462	1.27	cps
Terbium	159-2	6771185	6588986	6618768	6659647	1.47	cps
Thallium	203-1	1458	1734	1700	1631	9.20	cps
Thallium	205-1	4151	4393	4267	4270	2.83	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	CCB01	Instrumnet Name :	P7
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 08:55:17	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	278	311	300	296	5.73	cps
Tin	118-1	492	558	408	486	15.46	cps
Titanium	47-1	158	83	158	133	32.47	cps
Uranium	238-1	92	92	92	92	0.00	cps
Vanadium	51-2	20	20	17	19	10.18	cps
Yttrium	89-1	10682929	10663464	10604793	10650395	0.38	cps
Yttrium	89-2	2657149	2642443	2633209	2644267	0.46	cps
Zinc	66-2	413	387	333	378	10.78	cps
Zirconium	90-1	783	717	733	744	4.66	cps
Zirconium	91-1	183	217	183	194	9.90	cps

LB Number : LB114597 Operator : JASWAL
 Lab Sample ID : PB136477BL Instrumnet Name : P7
 Client Sample ID : PBW477 Dilution Factor : 1
 Date & Time Acquired :: 2021-05-21 08:58:27 DataFile Name : 020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	92	75	75	22.22	cps
Antimony	121-1	233	158	150	181	25.42	cps
Arsenic	75-2	13	15	6	11	44.06	cps
Barium	135-1	8	0	8	6	86.60	cps
Barium	137-1	42	58	67	56	22.91	cps
Beryllium	9-1	150	117	100	122	20.83	cps
Bismuth	209-1	6597953	6628177	6656570	6627567	0.44	cps
Bismuth	209-2	4853941	4829055	4844533	4842510	0.26	cps
Boron	10-1	508	608	667	594	13.47	cps
Boron	11-1	2617	2800	2709	2709	3.38	cps
Bromine	81-1	6151	5701	5943	5932	3.80	cps
Bromine	81-2	70	100	70	80	21.65	cps
Cadmium	111-1	688	675	646	670	3.19	cps
Cadmium	106-1	3475	3384	3284	3381	2.84	cps
Cadmium	108-1	17	8	33	19	65.47	cps
Calcium	43-1	233	200	142	192	24.21	cps
Calcium	44-1	12222	12931	12605	12586	2.82	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1377	1333	1327	1346	2.02	cps
Cobalt	59-2	147	123	163	144	13.91	cps
Copper	63-2	1043	993	1203	1080	10.16	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	67	92	75	78	16.37	cps
Erbium	164-2	30	40	53	41	28.47	cps
Gadolinium	160-1	92	58	58	69	27.72	cps
Gadolinium	160-2	40	43	53	46	15.23	cps
Holmium	165-1	10007103	9994743	10320483	10107443	1.83	cps
Holmium	165-2	6772869	6658463	6910076	6780470	1.86	cps
Indium	115-1	7376338	7459938	7486787	7441021	0.77	cps
Indium	115-2	2458595	2450347	2457515	2455486	0.18	cps
Iron	56-2	7102	7174	6846	7041	2.45	cps
Iron	57-2	133	167	161	154	11.62	cps

LB Number : LB114597 Operator : JASWAL
 Lab Sample ID : PB136477BL Instrumnet Name : P7
 Client Sample ID : PBW477 Dilution Factor : 1
 Date & Time Acquired :: 2021-05-21 08:58:27 DataFile Name : 020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1251	1331	1291	1291	3.10	cps
Krypton	83-1	2140	2190	2080	2137	2.58	cps
Lead	206-1	1317	1422	1472	1404	5.66	cps
Lead	207-1	1233	1206	1333	1257	5.35	cps
Lead	208-1	5551	5734	5862	5715	2.74	cps
Lithium	6-1	2038462	2041764	2049995	2043407	0.29	cps
Magnesium	24-2	650	525	508	561	13.80	cps
Manganese	55-2	143	187	147	159	15.18	cps
Molybdenum	94-1	333	250	233	272	19.68	cps
Molybdenum	95-1	108	92	150	117	25.76	cps
Molybdenum	96-1	150	133	200	161	21.53	cps
Molybdenum	97-1	67	92	42	67	37.50	cps
Molybdenum	98-1	167	92	133	131	28.78	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	140	197	113	150	28.37	cps
Phosphorus	31-2	492	458	433	461	6.35	cps
Potassium	39-2	65612	66215	67654	66493	1.58	cps
Rhodium	103-1	6916602	6897466	6866899	6893656	0.36	cps
Rhodium	103-2	4451186	4462697	4461187	4458357	0.14	cps
Scandium	45-1	4078988	4062651	4091591	4077743	0.36	cps
Scandium	45-2	368839	367421	372713	369658	0.74	cps
Selenium	82-1	31	27	45	34	28.53	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	172	217	169	186	14.42	cps
Silicon	28-1	378638	377576	375457	377224	0.43	cps
Silver	107-1	92	83	158	111	37.00	cps
Silver	109-1	67	67	50	61	15.75	cps
Sodium	23-2	37957	38366	38725	38350	1.00	cps
Strontium	86-1	3450	3526	3476	3484	1.10	cps
Strontium	88-1	217	208	300	242	20.98	cps
Sulfur	34-1	463720	461627	454207	459851	1.09	cps
Terbium	159-1	10107966	10064408	10112522	10094965	0.26	cps
Terbium	159-2	6546429	6666397	6763911	6658912	1.64	cps
Thallium	203-1	1467	1508	1408	1461	3.44	cps
Thallium	205-1	3734	3692	3567	3664	2.37	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	PB136477BL	Instrumnet Name :	P7
Client Sample ID :	PBW477	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 08:58:27	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	239	150	189	193	23.14	cps
Tin	118-1	483	450	458	464	3.74	cps
Titanium	47-1	83	67	125	92	32.77	cps
Uranium	238-1	33	25	33	31	15.74	cps
Vanadium	51-2	7	10	3	7	50.03	cps
Yttrium	89-1	10744126	10596479	10448799	10596468	1.39	cps
Yttrium	89-2	2664736	2656178	2656884	2659266	0.18	cps
Zinc	66-2	350	353	287	330	11.38	cps
Zirconium	90-1	608	725	617	650	10.01	cps
Zirconium	91-1	167	108	150	142	21.21	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	PB136477BS	Instrumnet Name :	P7
Client Sample ID :	LCS477	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:01:38	DataFile Name :	021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5618	5384	5918	5640	4.74	cps
Antimony	121-1	14032	14308	14041	14127	1.11	cps
Arsenic	75-2	672	633	648	651	3.01	cps
Barium	135-1	30442	29975	30326	30247	0.80	cps
Barium	137-1	53662	55084	54382	54376	1.31	cps
Beryllium	9-1	2289	2228	2695	2404	10.55	cps
Bismuth	209-1	6679639	6655076	6719296	6684670	0.48	cps
Bismuth	209-2	4868454	4902660	4849682	4873598	0.55	cps
Boron	10-1	7344	7969	7769	7694	4.15	cps
Boron	11-1	33554	35927	37255	35579	5.27	cps
Bromine	81-1	5618	5860	5668	5715	2.23	cps
Bromine	81-2	110	90	110	103	11.17	cps
Cadmium	111-1	3624	3585	3781	3663	2.84	cps
Cadmium	106-1	3834	4009	4059	3967	2.98	cps
Cadmium	108-1	288	233	175	232	24.26	cps
Calcium	43-1	17686	17970	18546	18067	2.42	cps
Calcium	44-1	299236	300832	305720	301929	1.12	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7412	7282	7552	7415	1.82	cps
Cobalt	59-2	5121	5158	5141	5140	0.36	cps
Copper	63-2	15528	15722	15408	15553	1.02	cps
Dysprosium	156-1	0	8	33	14	124.91	cps
Dysprosium	156-2	0	0	13	4	173.21	cps
Erbium	164-1	58	92	58	69	27.72	cps
Erbium	164-2	47	53	67	56	18.33	cps
Gadolinium	160-1	83	50	42	58	37.80	cps
Gadolinium	160-2	57	63	43	54	18.71	cps
Holmium	165-1	10272158	10210714	10143804	10208892	0.63	cps
Holmium	165-2	6778879	6787744	6805784	6790803	0.20	cps
Indium	115-1	7571650	7588009	7577116	7578925	0.11	cps
Indium	115-2	2480295	2457678	2481672	2473215	0.54	cps
Iron	56-2	1122081	1119230	1114054	1118455	0.36	cps
Iron	57-2	28255	27593	28122	27990	1.25	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	PB136477BS	Instrumnet Name :	P7
Client Sample ID :	LCS477	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:01:38	DataFile Name :	021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	63149	62696	62939	62928	0.36	cps
Krypton	83-1	2137	2317	2280	2245	4.24	cps
Lead	206-1	13835	13702	13791	13776	0.49	cps
Lead	207-1	12317	13090	12767	12725	3.05	cps
Lead	208-1	56738	56731	56414	56628	0.33	cps
Lithium	6-1	2064274	2075141	2063708	2067708	0.31	cps
Magnesium	24-2	291500	287119	292428	290349	0.98	cps
Manganese	55-2	4908	4347	4514	4590	6.27	cps
Molybdenum	94-1	25899	25314	25690	25635	1.16	cps
Molybdenum	95-1	31360	31001	32170	31510	1.90	cps
Molybdenum	96-1	34885	34918	34367	34723	0.89	cps
Molybdenum	97-1	20048	20256	18804	19703	3.98	cps
Molybdenum	98-1	48767	50858	51459	50361	2.81	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	2747	2670	2670	2696	1.64	cps
Phosphorus	31-2	492	350	325	389	23.11	cps
Potassium	39-2	355490	352348	354176	354005	0.45	cps
Rhodium	103-1	6971446	6964327	6926345	6954039	0.35	cps
Rhodium	103-2	4490484	4500219	4492951	4494552	0.11	cps
Scandium	45-1	4146167	4119069	4153924	4139720	0.44	cps
Scandium	45-2	372621	372144	369529	371431	0.45	cps
Selenium	82-1	998	819	935	917	9.89	cps
Selenium	77-2	100	73	57	77	28.51	cps
Selenium	78-2	541	483	528	517	5.82	cps
Silicon	28-1	446503	448458	450959	448640	0.50	cps
Silver	107-1	16735	17002	16568	16769	1.31	cps
Silver	109-1	16076	16785	16769	16543	2.45	cps
Sodium	23-2	528930	515973	523083	522662	1.24	cps
Strontium	86-1	7402	7569	7611	7527	1.47	cps
Strontium	88-1	35770	36305	36405	36160	0.94	cps
Sulfur	34-1	459840	466467	468581	464963	0.98	cps
Terbium	159-1	10444274	10227475	10256049	10309266	1.14	cps
Terbium	159-2	6774575	6682137	6753907	6736873	0.72	cps
Thallium	203-1	8603	8445	9112	8720	4.00	cps
Thallium	205-1	21276	21150	21409	21278	0.61	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	PB136477BS	Instrumnet Name :	P7
Client Sample ID :	LCS477	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:01:38	DataFile Name :	021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	49967	49933	50397	50099	0.52	cps
Tin	118-1	56003	56204	55711	55972	0.44	cps
Titanium	47-1	7986	8186	8169	8114	1.37	cps
Uranium	238-1	49335	49838	49109	49427	0.75	cps
Vanadium	51-2	25355	25272	25409	25345	0.27	cps
Yttrium	89-1	10829386	10791793	10736203	10785794	0.43	cps
Yttrium	89-2	2688333	2679689	2690989	2686337	0.22	cps
Zinc	66-2	6248	6271	5738	6086	4.95	cps
Zirconium	90-1	21926	21901	22151	21992	0.63	cps
Zirconium	91-1	4693	4843	4993	4843	3.10	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	PB136478BL	Instrumnet Name :	P7
Client Sample ID :	PBW478	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:04:46	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	125	125	108	26.65	cps
Antimony	121-1	167	175	150	164	7.77	cps
Arsenic	75-2	7	11	11	10	21.63	cps
Barium	135-1	25	33	33	31	15.74	cps
Barium	137-1	58	33	25	39	44.62	cps
Beryllium	9-1	106	78	56	80	31.46	cps
Bismuth	209-1	6722517	6628104	6673028	6674550	0.71	cps
Bismuth	209-2	4779001	4864763	4809312	4817692	0.90	cps
Boron	10-1	667	667	558	631	9.92	cps
Boron	11-1	3109	3175	2842	3042	5.80	cps
Bromine	81-1	5935	6168	6001	6035	1.99	cps
Bromine	81-2	50	130	90	90	44.45	cps
Cadmium	111-1	795	739	602	712	13.92	cps
Cadmium	106-1	4034	3742	2992	3589	14.98	cps
Cadmium	108-1	29	25	13	22	39.04	cps
Calcium	43-1	258	258	133	217	33.31	cps
Calcium	44-1	12539	12414	12422	12458	0.56	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1393	1380	1413	1396	1.20	cps
Cobalt	59-2	130	147	117	131	11.46	cps
Copper	63-2	1050	1067	967	1028	5.21	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	0	0	10	3	173.21	cps
Erbium	164-1	75	50	92	72	29.04	cps
Erbium	164-2	37	63	37	46	33.79	cps
Gadolinium	160-1	50	42	83	58	37.80	cps
Gadolinium	160-2	47	67	63	59	18.19	cps
Holmium	165-1	10012955	10119615	9948245	10026938	0.86	cps
Holmium	165-2	6801540	6862948	6800977	6821822	0.52	cps
Indium	115-1	7557889	7470775	7511245	7513303	0.58	cps
Indium	115-2	2446350	2487553	2467549	2467151	0.84	cps
Iron	56-2	6518	6896	6924	6779	3.34	cps
Iron	57-2	122	200	244	189	32.75	cps

LB Number : LB114597 Operator : JASWAL
 Lab Sample ID : PB136478BL Instrumnet Name : P7
 Client Sample ID : PBW478 Dilution Factor : 1
 Date & Time Acquired :: 2021-05-21 09:04:46 DataFile Name : 022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1301	1321	1442	1355	5.60	cps
Krypton	83-1	2190	2277	2294	2254	2.46	cps
Lead	206-1	1161	1267	1167	1198	4.96	cps
Lead	207-1	1139	1111	1039	1096	4.71	cps
Lead	208-1	5028	5050	5056	5045	0.29	cps
Lithium	6-1	2062370	2058153	2046843	2055789	0.39	cps
Magnesium	24-2	533	583	608	575	6.64	cps
Manganese	55-2	120	83	100	101	18.16	cps
Molybdenum	94-1	192	275	300	256	22.20	cps
Molybdenum	95-1	108	8	33	50	104.09	cps
Molybdenum	96-1	142	117	175	144	20.26	cps
Molybdenum	97-1	33	42	33	36	13.33	cps
Molybdenum	98-1	125	75	133	111	28.40	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	153	163	117	144	17.01	cps
Phosphorus	31-2	350	400	433	394	10.63	cps
Potassium	39-2	66349	66374	66273	66332	0.08	cps
Rhodium	103-1	6758202	6849351	6919828	6842460	1.18	cps
Rhodium	103-2	4440258	4475386	4447687	4454444	0.42	cps
Scandium	45-1	4113509	4103542	4092953	4103335	0.25	cps
Scandium	45-2	370657	372160	368135	370318	0.55	cps
Selenium	82-1	-73	-242	-177	-164	-51.75	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	200	183	204	196	5.54	cps
Silicon	28-1	376532	378021	378188	377581	0.24	cps
Silver	107-1	125	167	92	128	29.41	cps
Silver	109-1	83	92	58	78	22.30	cps
Sodium	23-2	36712	36269	36227	36403	0.74	cps
Strontium	86-1	3200	3175	3409	3262	3.93	cps
Strontium	88-1	175	225	233	211	14.94	cps
Sulfur	34-1	466428	467683	467023	467045	0.13	cps
Terbium	159-1	10259704	10016084	10170327	10148705	1.21	cps
Terbium	159-2	6601261	6661146	6618073	6626827	0.47	cps
Thallium	203-1	1142	1183	1142	1156	2.08	cps
Thallium	205-1	2975	2667	2809	2817	5.48	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	PB136478BL	Instrumnet Name :	P7
Client Sample ID :	PBW478	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:04:46	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	167	128	189	161	19.20	cps
Tin	118-1	558	500	475	511	8.37	cps
Titanium	47-1	83	75	67	75	11.11	cps
Uranium	238-1	25	25	42	31	31.50	cps
Vanadium	51-2	17	7	13	12	41.65	cps
Yttrium	89-1	10701562	10520006	10651025	10624198	0.88	cps
Yttrium	89-2	2652126	2684452	2657070	2664549	0.65	cps
Zinc	66-2	367	473	303	381	22.54	cps
Zirconium	90-1	725	608	667	667	8.75	cps
Zirconium	91-1	133	175	150	153	13.73	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	PB136478BS	Instrumnet Name :	P7
Client Sample ID :	LCS478	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:07:54	DataFile Name :	023LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5409	6101	5868	5793	6.08	cps
Antimony	121-1	13866	14633	14483	14327	2.84	cps
Arsenic	75-2	607	719	665	664	8.37	cps
Barium	135-1	31211	30818	31286	31105	0.81	cps
Barium	137-1	54616	54532	54532	54560	0.09	cps
Beryllium	9-1	2384	2511	2517	2471	3.05	cps
Bismuth	209-1	6798654	6684898	6670148	6717900	1.05	cps
Bismuth	209-2	4880827	4906263	4915498	4900863	0.37	cps
Boron	10-1	7686	7936	7694	7772	1.83	cps
Boron	11-1	36027	36244	37280	36517	1.83	cps
Bromine	81-1	6226	6276	6060	6188	1.83	cps
Bromine	81-2	90	80	70	80	12.50	cps
Cadmium	111-1	3485	3912	3664	3687	5.81	cps
Cadmium	106-1	3817	4109	3601	3842	6.64	cps
Cadmium	108-1	279	271	325	292	10.00	cps
Calcium	43-1	18696	18111	18161	18323	1.77	cps
Calcium	44-1	304837	306761	304488	305362	0.40	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7585	7699	8049	7778	3.11	cps
Cobalt	59-2	5254	5278	5178	5237	1.00	cps
Copper	63-2	15602	15165	15538	15435	1.53	cps
Dysprosium	156-1	17	0	8	8	100.02	cps
Dysprosium	156-2	7	3	10	7	50.03	cps
Erbium	164-1	58	58	75	64	15.06	cps
Erbium	164-2	30	33	93	52	68.25	cps
Gadolinium	160-1	67	108	108	94	25.47	cps
Gadolinium	160-2	43	70	57	57	23.53	cps
Holmium	165-1	10249222	10176445	10202118	10209262	0.36	cps
Holmium	165-2	6738543	6771008	6856383	6788645	0.90	cps
Indium	115-1	7624812	7582912	7595557	7601094	0.28	cps
Indium	115-2	2495036	2508132	2508299	2503822	0.30	cps
Iron	56-2	1138409	1141804	1141956	1140723	0.18	cps
Iron	57-2	28734	29007	28773	28838	0.51	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	PB136478BS	Instrumnet Name :	P7
Client Sample ID :	LCS478	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:07:54	DataFile Name :	023LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	63702	63692	64204	63866	0.46	cps
Krypton	83-1	2134	2210	2074	2139	3.20	cps
Lead	206-1	13752	14085	13835	13891	1.25	cps
Lead	207-1	12812	12323	12868	12667	2.37	cps
Lead	208-1	57333	56581	56369	56761	0.89	cps
Lithium	6-1	2089382	2071166	2064263	2074937	0.63	cps
Magnesium	24-2	296835	298749	296736	297440	0.38	cps
Manganese	55-2	4721	4281	4451	4484	4.95	cps
Molybdenum	94-1	26308	26183	25456	25982	1.77	cps
Molybdenum	95-1	31660	31970	32003	31878	0.59	cps
Molybdenum	96-1	36213	36673	35261	36049	2.00	cps
Molybdenum	97-1	19823	19806	20123	19917	0.90	cps
Molybdenum	98-1	52413	50640	50741	51265	1.94	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	2704	2704	2710	2706	0.14	cps
Phosphorus	31-2	317	508	408	411	23.32	cps
Potassium	39-2	359746	359588	363163	360832	0.56	cps
Rhodium	103-1	7157917	6933049	6987145	7026037	1.67	cps
Rhodium	103-2	4509924	4559970	4545134	4538343	0.57	cps
Scandium	45-1	4164409	4139835	4144822	4149689	0.31	cps
Scandium	45-2	373899	376178	376236	375438	0.35	cps
Selenium	82-1	1128	934	1203	1089	12.74	cps
Selenium	77-2	103	97	100	100	3.33	cps
Selenium	78-2	522	511	517	517	1.08	cps
Silicon	28-1	446489	444871	448156	446505	0.37	cps
Silver	107-1	16594	17444	17945	17328	3.94	cps
Silver	109-1	16051	16986	17203	16746	3.65	cps
Sodium	23-2	532186	535696	534425	534102	0.33	cps
Strontium	86-1	7644	7269	7152	7355	3.50	cps
Strontium	88-1	35403	36438	36138	35993	1.48	cps
Sulfur	34-1	464978	471750	474927	470552	1.08	cps
Terbium	159-1	10464403	10226123	10282848	10324458	1.21	cps
Terbium	159-2	6794517	6723380	6734977	6750958	0.57	cps
Thallium	203-1	8295	8470	8978	8581	4.14	cps
Thallium	205-1	21226	20541	19223	20330	5.01	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	PB136478BS	Instrumnet Name :	P7
Client Sample ID :	LCS478	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:07:54	DataFile Name :	023LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	49203	50447	50609	50086	1.54	cps
Tin	118-1	56530	57166	58112	57270	1.39	cps
Titanium	47-1	8119	8228	8619	8322	3.16	cps
Uranium	238-1	49921	49930	50038	49963	0.13	cps
Vanadium	51-2	26140	25823	26350	26104	1.02	cps
Yttrium	89-1	10900218	10836053	10760265	10832179	0.65	cps
Yttrium	89-2	2682338	2723634	2723831	2709934	0.88	cps
Zinc	66-2	6228	6065	6241	6178	1.59	cps
Zirconium	90-1	22735	22351	22326	22471	1.02	cps
Zirconium	91-1	4868	5284	5309	5154	4.82	cps

LB Number : LB114597 Operator : JASWAL
 Lab Sample ID : PB136553BL Instrumnet Name : P7
 Client Sample ID : PBW553 Dilution Factor : 1
 Date & Time Acquired :: 2021-05-21 09:19:10 DataFile Name : 024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108	100	58	89	30.14	cps
Antimony	121-1	117	117	125	119	4.03	cps
Arsenic	75-2	11	6	9	9	32.69	cps
Barium	135-1	42	33	0	25	88.19	cps
Barium	137-1	50	25	42	39	32.73	cps
Beryllium	9-1	50	78	50	59	27.07	cps
Bismuth	209-1	6638902	6642151	6609091	6630048	0.27	cps
Bismuth	209-2	4849392	4867892	4841226	4852837	0.28	cps
Boron	10-1	342	242	300	294	17.06	cps
Boron	11-1	1450	1633	1433	1506	7.37	cps
Bromine	81-1	5951	5735	6043	5910	2.68	cps
Bromine	81-2	80	110	90	93	16.37	cps
Cadmium	111-1	652	632	647	644	1.62	cps
Cadmium	106-1	3400	3292	3367	3353	1.65	cps
Cadmium	108-1	46	38	38	40	11.94	cps
Calcium	43-1	158	133	192	161	18.17	cps
Calcium	44-1	12230	12147	11838	12071	1.71	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1437	1437	1410	1428	1.08	cps
Cobalt	59-2	127	107	113	116	8.81	cps
Copper	63-2	870	927	973	923	5.60	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	7	10	0	6	91.64	cps
Erbium	164-1	33	75	50	53	39.74	cps
Erbium	164-2	50	53	53	52	3.68	cps
Gadolinium	160-1	50	58	8	39	68.89	cps
Gadolinium	160-2	53	67	60	60	11.12	cps
Holmium	165-1	10170720	10060574	10184445	10138580	0.67	cps
Holmium	165-2	6731219	6820739	6705454	6752471	0.90	cps
Indium	115-1	7639274	7492396	7537347	7556339	1.00	cps
Indium	115-2	2468822	2466826	2481211	2472286	0.32	cps
Iron	56-2	6046	6385	6101	6177	2.94	cps
Iron	57-2	200	256	172	209	20.28	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	PB136553BL	Instrumnet Name :	P7
Client Sample ID :	PBW553	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:19:10	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1211	1211	1341	1255	5.99	cps
Krypton	83-1	2084	2197	2107	2129	2.81	cps
Lead	206-1	967	1028	894	963	6.93	cps
Lead	207-1	1006	833	828	889	11.37	cps
Lead	208-1	4045	4156	3722	3974	5.66	cps
Lithium	6-1	2078702	2073270	2066442	2072805	0.30	cps
Magnesium	24-2	433	517	575	508	14.01	cps
Manganese	55-2	83	110	137	110	24.25	cps
Molybdenum	94-1	308	233	258	267	14.32	cps
Molybdenum	95-1	42	75	50	56	31.22	cps
Molybdenum	96-1	75	150	125	117	32.74	cps
Molybdenum	97-1	33	17	17	22	43.28	cps
Molybdenum	98-1	67	83	50	67	25.00	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	180	157	137	158	13.74	cps
Phosphorus	31-2	458	367	458	428	12.37	cps
Potassium	39-2	64231	66039	65118	65129	1.39	cps
Rhodium	103-1	7022992	6988322	6984496	6998603	0.30	cps
Rhodium	103-2	4506132	4461970	4473100	4480401	0.51	cps
Scandium	45-1	4125713	4123330	4087290	4112111	0.52	cps
Scandium	45-2	371871	369687	372585	371381	0.41	cps
Selenium	82-1	70	-211	59	-27	-587.58	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	154	178	217	183	17.39	cps
Silicon	28-1	379522	379054	373849	377475	0.83	cps
Silver	107-1	83	92	75	83	10.00	cps
Silver	109-1	92	33	33	53	63.82	cps
Sodium	23-2	32360	32736	32745	32614	0.67	cps
Strontium	86-1	3242	3275	3617	3378	6.14	cps
Strontium	88-1	175	150	150	158	9.11	cps
Sulfur	34-1	469411	473790	474092	472431	0.55	cps
Terbium	159-1	10246346	10280088	10189207	10238547	0.45	cps
Terbium	159-2	6578780	6715625	6595331	6629912	1.13	cps
Thallium	203-1	767	675	625	689	10.43	cps
Thallium	205-1	1533	1450	1658	1547	6.78	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	PB136553BL	Instrumnet Name :	P7
Client Sample ID :	PBW553	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:19:10	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	144	106	78	109	30.65	cps
Tin	118-1	458	500	425	461	8.15	cps
Titanium	47-1	133	75	92	100	30.05	cps
Uranium	238-1	8	0	8	6	86.60	cps
Vanadium	51-2	0	10	7	6	91.64	cps
Yttrium	89-1	10777431	10744567	10784115	10768704	0.20	cps
Yttrium	89-2	2679592	2659384	2682421	2673799	0.47	cps
Zinc	66-2	307	393	283	328	17.68	cps
Zirconium	90-1	767	725	608	700	11.72	cps
Zirconium	91-1	142	108	108	119	16.11	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	PB136553BS	Instrumnet Name :	P7
Client Sample ID :	LCS553	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:22:18	DataFile Name :	025LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6568	6452	6402	6474	1.32	cps
Antimony	121-1	30317	30743	29924	30328	1.35	cps
Arsenic	75-2	870	787	706	788	10.46	cps
Barium	135-1	34243	34293	35579	34705	2.18	cps
Barium	137-1	61268	62256	62533	62019	1.07	cps
Beryllium	9-1	2734	2678	2628	2680	1.97	cps
Bismuth	209-1	6693011	6724197	6741127	6719445	0.36	cps
Bismuth	209-2	4868214	4881163	4829230	4859535	0.56	cps
Boron	10-1	7460	8303	8436	8066	6.56	cps
Boron	11-1	35776	37915	40037	37909	5.62	cps
Bromine	81-1	5610	5801	5651	5687	1.77	cps
Bromine	81-2	60	50	130	80	54.49	cps
Cadmium	111-1	4375	4617	4526	4506	2.71	cps
Cadmium	106-1	3859	3867	4209	3978	5.02	cps
Cadmium	108-1	383	267	279	310	20.68	cps
Calcium	43-1	19639	20657	20264	20186	2.54	cps
Calcium	44-1	334288	336796	333185	334757	0.55	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	15358	15315	14901	15191	1.66	cps
Cobalt	59-2	11098	11451	10978	11175	2.20	cps
Copper	63-2	15775	15772	15779	15775	0.02	cps
Dysprosium	156-1	8	25	8	14	69.31	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	67	92	58	72	24.02	cps
Erbium	164-2	50	60	53	54	9.35	cps
Gadolinium	160-1	42	75	58	58	28.57	cps
Gadolinium	160-2	60	63	27	50	40.55	cps
Holmium	165-1	10172112	10308698	10177894	10219568	0.76	cps
Holmium	165-2	6770338	6901886	6742886	6805037	1.25	cps
Indium	115-1	7597048	7563981	7589062	7583363	0.23	cps
Indium	115-2	2490362	2497653	2484619	2490878	0.26	cps
Iron	56-2	1078353	1079477	1066975	1074935	0.64	cps
Iron	57-2	27426	27047	26947	27140	0.93	cps

LB Number : LB114597 Operator : JASWAL
 Lab Sample ID : PB136553BS Instrumnet Name : P7
 Client Sample ID : LCS553 Dilution Factor : 1
 Date & Time Acquired :: 2021-05-21 09:22:18 DataFile Name : 025LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	59651	60817	59762	60076	1.07	cps
Krypton	83-1	2227	2017	2244	2162	5.84	cps
Lead	206-1	14302	14886	14347	14512	2.24	cps
Lead	207-1	12840	12884	12645	12790	0.99	cps
Lead	208-1	58162	59742	58067	58657	1.60	cps
Lithium	6-1	2094856	2074647	2090609	2086704	0.51	cps
Magnesium	24-2	319618	318818	317434	318624	0.35	cps
Manganese	55-2	5071	4984	4761	4939	3.24	cps
Molybdenum	94-1	28370	28729	28830	28643	0.84	cps
Molybdenum	95-1	35294	35645	36898	35946	2.35	cps
Molybdenum	96-1	38787	39973	40575	39778	2.29	cps
Molybdenum	97-1	22009	22910	22276	22399	2.07	cps
Molybdenum	98-1	56537	56010	57408	56652	1.25	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	3020	3110	3037	3056	1.57	cps
Phosphorus	31-2	400	400	442	414	5.81	cps
Potassium	39-2	379691	386328	382158	382726	0.88	cps
Rhodium	103-1	6933933	6886655	7037398	6952662	1.11	cps
Rhodium	103-2	4508450	4517217	4535361	4520343	0.30	cps
Scandium	45-1	4155364	4174324	4133709	4154466	0.49	cps
Scandium	45-2	374193	373518	374020	373910	0.09	cps
Selenium	82-1	1062	1167	1153	1127	5.06	cps
Selenium	77-2	137	103	83	108	25.00	cps
Selenium	78-2	509	556	606	557	8.65	cps
Silicon	28-1	460182	457178	451931	456430	0.91	cps
Silver	107-1	18504	19130	17962	18532	3.15	cps
Silver	109-1	17436	17536	17695	17556	0.74	cps
Sodium	23-2	576157	579848	568722	574909	0.99	cps
Strontium	86-1	7919	7686	7961	7855	1.89	cps
Strontium	88-1	39505	39630	39831	39655	0.41	cps
Sulfur	34-1	475789	469869	474531	473397	0.66	cps
Terbium	159-1	10327275	10411490	10362068	10366944	0.41	cps
Terbium	159-2	6667786	6753704	6660913	6694134	0.77	cps
Thallium	203-1	16527	16719	17295	16847	2.37	cps
Thallium	205-1	40069	40746	40872	40562	1.06	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	PB136553BS	Instrumnet Name :	P7
Client Sample ID :	LCS553	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:22:18	DataFile Name :	025LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	111	72	122	102	25.78	cps
Tin	118-1	61945	61258	63066	62090	1.47	cps
Titanium	47-1	8653	8778	9303	8911	3.87	cps
Uranium	238-1	54171	52715	53041	53309	1.43	cps
Vanadium	51-2	28110	29322	28548	28660	2.14	cps
Yttrium	89-1	10848068	10669773	10779485	10765775	0.84	cps
Yttrium	89-2	2684381	2710794	2698121	2697765	0.49	cps
Zinc	66-2	6085	6408	6005	6166	3.47	cps
Zirconium	90-1	23136	23086	23261	23161	0.39	cps
Zirconium	91-1	5218	5643	5143	5334	5.06	cps

LB Number : LB114597 Operator : JASWAL
 Lab Sample ID : PB136554BL Instrumnet Name : P7
 Client Sample ID : PBW554 Dilution Factor : 1
 Date & Time Acquired :: 2021-05-21 09:25:26 DataFile Name : 026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	33	100	64	52.72	cps
Antimony	121-1	133	133	125	131	3.69	cps
Arsenic	75-2	17	2	11	10	75.80	cps
Barium	135-1	33	50	50	44	21.66	cps
Barium	137-1	67	33	25	42	52.92	cps
Beryllium	9-1	50	122	61	78	50.00	cps
Bismuth	209-1	6648071	6584523	6678010	6636868	0.72	cps
Bismuth	209-2	4836371	4847273	4822658	4835434	0.26	cps
Boron	10-1	500	450	533	494	8.48	cps
Boron	11-1	2550	2317	2225	2364	7.09	cps
Bromine	81-1	5960	6018	6010	5996	0.53	cps
Bromine	81-2	50	20	110	60	76.38	cps
Cadmium	111-1	693	671	786	717	8.50	cps
Cadmium	106-1	3526	3501	3909	3645	6.28	cps
Cadmium	108-1	17	54	13	28	82.61	cps
Calcium	43-1	208	133	292	211	37.52	cps
Calcium	44-1	11254	12405	11938	11866	4.88	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1387	1417	1417	1407	1.23	cps
Cobalt	59-2	107	140	120	122	13.73	cps
Copper	63-2	933	907	920	920	1.45	cps
Dysprosium	156-1	0	0	17	6	173.21	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	75	42	125	81	52.07	cps
Erbium	164-2	57	63	47	56	15.09	cps
Gadolinium	160-1	42	25	75	47	53.91	cps
Gadolinium	160-2	70	57	37	54	30.81	cps
Holmium	165-1	10304033	10009390	10144337	10152587	1.45	cps
Holmium	165-2	6834609	6693737	6851600	6793315	1.28	cps
Indium	115-1	7652349	7548358	7591627	7597445	0.69	cps
Indium	115-2	2486117	2471785	2474972	2477624	0.30	cps
Iron	56-2	6096	6085	6602	6261	4.72	cps
Iron	57-2	239	172	222	211	16.43	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	PB136554BL	Instrumnet Name :	P7
Client Sample ID :	PBW554	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:25:26	DataFile Name :	026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1341	1121	1111	1191	10.93	cps
Krypton	83-1	2237	1997	2037	2090	6.15	cps
Lead	206-1	945	1111	1056	1037	8.18	cps
Lead	207-1	989	989	939	972	2.97	cps
Lead	208-1	4223	4378	4139	4247	2.86	cps
Lithium	6-1	2086566	2064147	2086807	2079174	0.63	cps
Magnesium	24-2	492	600	617	569	11.92	cps
Manganese	55-2	100	97	160	119	29.98	cps
Molybdenum	94-1	267	208	208	228	14.79	cps
Molybdenum	95-1	8	42	50	33	66.15	cps
Molybdenum	96-1	108	67	125	100	30.04	cps
Molybdenum	97-1	50	17	25	31	56.77	cps
Molybdenum	98-1	92	58	92	81	23.89	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	133	110	170	138	21.95	cps
Phosphorus	31-2	433	450	317	400	18.16	cps
Potassium	39-2	63997	64440	63762	64066	0.54	cps
Rhodium	103-1	6929714	7010151	6882961	6940942	0.93	cps
Rhodium	103-2	4492783	4467782	4493123	4484563	0.32	cps
Scandium	45-1	4108990	4085943	4097724	4097552	0.28	cps
Scandium	45-2	371825	373259	373200	372761	0.22	cps
Selenium	82-1	-198	17	42	-46	-285.21	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	187	152	200	180	13.87	cps
Silicon	28-1	378687	380659	382718	380688	0.53	cps
Silver	107-1	158	167	108	144	21.84	cps
Silver	109-1	83	108	83	92	15.74	cps
Sodium	23-2	32001	31959	31300	31753	1.24	cps
Strontium	86-1	3375	3209	3350	3312	2.71	cps
Strontium	88-1	108	92	267	156	62.09	cps
Sulfur	34-1	478679	485127	482347	482051	0.67	cps
Terbium	159-1	10220715	10216490	10296781	10244662	0.44	cps
Terbium	159-2	6745763	6580437	6765211	6697137	1.52	cps
Thallium	203-1	542	583	567	564	3.72	cps
Thallium	205-1	1258	1433	1375	1356	6.57	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	PB136554BL	Instrumnet Name :	P7
Client Sample ID :	PBW554	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:25:26	DataFile Name :	026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	94	94	78	89	10.83	cps
Tin	118-1	542	483	342	456	22.58	cps
Titanium	47-1	58	183	117	119	52.36	cps
Uranium	238-1	25	25	25	25	0.00	cps
Vanadium	51-2	7	30	13	17	72.11	cps
Yttrium	89-1	10633762	10780561	10543612	10652645	1.12	cps
Yttrium	89-2	2670764	2664367	2684007	2673046	0.37	cps
Zinc	66-2	260	287	280	276	5.04	cps
Zirconium	90-1	792	692	592	692	14.46	cps
Zirconium	91-1	117	108	100	108	7.69	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	PB136554BS	Instrumnet Name :	P7
Client Sample ID :	LCS554	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:28:35	DataFile Name :	027LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6535	6468	6385	6463	1.16	cps
Antimony	121-1	29239	30993	30392	30208	2.95	cps
Arsenic	75-2	759	756	809	775	3.87	cps
Barium	135-1	34861	35279	35019	35053	0.60	cps
Barium	137-1	59720	59586	61134	60147	1.43	cps
Beryllium	9-1	2395	2478	2734	2535	6.97	cps
Bismuth	209-1	6617184	6604934	6675719	6632612	0.57	cps
Bismuth	209-2	4869608	4903475	4884762	4885948	0.35	cps
Boron	10-1	7752	7435	7819	7669	2.67	cps
Boron	11-1	36344	37639	38491	37491	2.88	cps
Bromine	81-1	6210	5635	6226	6024	5.60	cps
Bromine	81-2	90	70	60	73	20.83	cps
Cadmium	111-1	4232	4496	4261	4330	3.35	cps
Cadmium	106-1	3676	4101	3751	3842	5.91	cps
Cadmium	108-1	279	279	354	304	14.24	cps
Calcium	43-1	20123	19505	20156	19928	1.84	cps
Calcium	44-1	325421	327167	331327	327972	0.93	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	14451	15255	14918	14874	2.71	cps
Cobalt	59-2	10597	11144	10914	10885	2.52	cps
Copper	63-2	15368	15709	15608	15562	1.12	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Dysprosium	156-2	0	3	17	7	132.33	cps
Erbium	164-1	100	75	75	83	17.32	cps
Erbium	164-2	47	53	50	50	6.66	cps
Gadolinium	160-1	42	150	58	83	70.00	cps
Gadolinium	160-2	57	33	37	42	29.89	cps
Holmium	165-1	10164222	10039519	10117115	10106952	0.62	cps
Holmium	165-2	6858905	6769058	6807940	6811968	0.66	cps
Indium	115-1	7577468	7468422	7557465	7534452	0.77	cps
Indium	115-2	2486607	2481515	2490779	2486300	0.19	cps
Iron	56-2	1059371	1064528	1053353	1059084	0.53	cps
Iron	57-2	25789	26463	26285	26179	1.33	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	PB136554BS	Instrumnet Name :	P7
Client Sample ID :	LCS554	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:28:35	DataFile Name :	027LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	59500	59771	59902	59724	0.34	cps
Krypton	83-1	2047	2147	2084	2092	2.42	cps
Lead	206-1	13991	14275	13640	13969	2.27	cps
Lead	207-1	12017	12273	13018	12436	4.18	cps
Lead	208-1	56064	57283	57283	56876	1.24	cps
Lithium	6-1	2083440	2059059	2091576	2078025	0.81	cps
Magnesium	24-2	317526	317617	313627	316257	0.72	cps
Manganese	55-2	4744	4941	4594	4760	3.65	cps
Molybdenum	94-1	28253	28679	28571	28501	0.78	cps
Molybdenum	95-1	34083	35495	35712	35096	2.52	cps
Molybdenum	96-1	38302	38427	38669	38466	0.49	cps
Molybdenum	97-1	22243	21759	22051	22017	1.11	cps
Molybdenum	98-1	55224	55851	56880	55985	1.49	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	3134	3107	3027	3089	1.80	cps
Phosphorus	31-2	442	433	350	408	12.41	cps
Potassium	39-2	373391	376530	370104	373341	0.86	cps
Rhodium	103-1	6923298	6868754	7027240	6939764	1.16	cps
Rhodium	103-2	4492394	4540318	4490121	4507611	0.63	cps
Scandium	45-1	4116908	4060263	4146544	4107905	1.07	cps
Scandium	45-2	371380	373379	373420	372726	0.31	cps
Selenium	82-1	1195	1114	1223	1177	4.82	cps
Selenium	77-2	110	90	117	106	13.15	cps
Selenium	78-2	546	556	535	546	1.87	cps
Silicon	28-1	452978	449673	452780	451811	0.41	cps
Silver	107-1	18112	18187	18121	18140	0.23	cps
Silver	109-1	17611	17002	18170	17595	3.32	cps
Sodium	23-2	580268	572807	568162	573746	1.06	cps
Strontium	86-1	7727	7827	7377	7644	3.09	cps
Strontium	88-1	37901	37474	38561	37979	1.44	cps
Sulfur	34-1	484354	482552	479806	482237	0.47	cps
Terbium	159-1	10240713	10049882	10229165	10173253	1.05	cps
Terbium	159-2	6731837	6690334	6742226	6721466	0.41	cps
Thallium	203-1	17095	16160	16477	16577	2.87	cps
Thallium	205-1	39585	39100	40035	39573	1.18	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	PB136554BS	Instrumnet Name :	P7
Client Sample ID :	LCS554	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:28:35	DataFile Name :	027LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	83	128	67	93	34.11	cps
Tin	118-1	60020	60698	60580	60433	0.60	cps
Titanium	47-1	8736	9211	8961	8970	2.65	cps
Uranium	238-1	51276	52037	52272	51862	1.00	cps
Vanadium	51-2	28047	28825	28290	28387	1.40	cps
Yttrium	89-1	10701920	10723716	10787490	10737709	0.41	cps
Yttrium	89-2	2673863	2701682	2699083	2691543	0.57	cps
Zinc	66-2	6048	6225	6018	6097	1.83	cps
Zirconium	90-1	23403	22218	23320	22980	2.88	cps
Zirconium	91-1	4976	4993	5393	5121	4.61	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-04	Instrumnet Name :	P7
Client Sample ID :	MA0AY0	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:31:44	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4195549	4246792	4212647	4218329	0.62	cps
Antimony	121-1	1093055	1084888	1089991	1089311	0.38	cps
Arsenic	75-2	11729	11812	11729	11757	0.41	cps
Barium	135-1	856245	863133	865934	861771	0.58	cps
Barium	137-1	1529496	1526060	1533869	1529808	0.26	cps
Beryllium	9-1	31366	31700	31466	31511	0.54	cps
Bismuth	209-1	6721826	6707280	6722938	6717348	0.13	cps
Bismuth	209-2	4893375	4941710	4887961	4907682	0.60	cps
Boron	10-1	508	475	492	492	3.39	cps
Boron	11-1	2592	2442	2434	2489	3.58	cps
Bromine	81-1	5826	5910	6235	5990	3.60	cps
Bromine	81-2	140	140	80	120	28.87	cps
Cadmium	111-1	135119	135213	135033	135122	0.07	cps
Cadmium	106-1	16385	15701	16043	16043	2.13	cps
Cadmium	108-1	9116	9082	8840	9013	1.67	cps
Calcium	43-1	155038	153631	154474	154381	0.46	cps
Calcium	44-1	2472597	2448980	2468046	2463208	0.51	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	855896	854900	851968	854255	0.24	cps
Cobalt	59-2	3155670	3159423	3149347	3154813	0.16	cps
Copper	63-2	2721698	2740021	2704458	2722059	0.65	cps
Dysprosium	156-1	17	33	8	19	65.47	cps
Dysprosium	156-2	10	7	10	9	21.63	cps
Erbium	164-1	42	58	67	56	22.91	cps
Erbium	164-2	43	33	47	41	16.89	cps
Gadolinium	160-1	58	75	42	58	28.57	cps
Gadolinium	160-2	43	50	53	49	10.42	cps
Holmium	165-1	10405863	10184999	10151924	10247595	1.35	cps
Holmium	165-2	6921882	7016998	6828167	6922349	1.36	cps
Indium	115-1	7532841	7618603	7566989	7572811	0.57	cps
Indium	115-2	2485358	2502110	2505838	2497769	0.44	cps
Iron	56-2	208182816	208042099	206391444	207538786	0.48	cps
Iron	57-2	5175031	5191452	5143136	5169873	0.48	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-04	Instrumnet Name :	P7
Client Sample ID :	MA0AY0	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:31:44	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	11414866	11447181	11394004	11418683	0.23	cps
Krypton	83-1	2170	2254	2114	2179	3.23	cps
Lead	206-1	653542	646831	647454	649276	0.57	cps
Lead	207-1	553944	545376	544468	547929	0.95	cps
Lead	208-1	2557711	2534058	2536770	2542846	0.51	cps
Lithium	6-1	2128679	2111106	2099511	2113099	0.69	cps
Magnesium	24-2	2663061	2693589	2679545	2678731	0.57	cps
Manganese	55-2	145757	147830	147965	147184	0.84	cps
Molybdenum	94-1	1850	1867	1767	1828	2.93	cps
Molybdenum	95-1	2600	2534	2717	2617	3.55	cps
Molybdenum	96-1	3134	3367	3259	3253	3.59	cps
Molybdenum	97-1	1458	1542	1592	1531	4.40	cps
Molybdenum	98-1	4084	4009	4317	4137	3.89	cps
Neodymium	150-1	40	67	47	51	27.15	cps
Neodymium	150-2	10	20	7	12	56.76	cps
Nickel	60-2	285971	283338	286506	285272	0.59	cps
Phosphorus	31-2	433	400	442	425	5.19	cps
Potassium	39-2	2529068	2539968	2516129	2528388	0.47	cps
Rhodium	103-1	6943401	6872143	6950967	6922171	0.63	cps
Rhodium	103-2	4467656	4491465	4486060	4481727	0.28	cps
Scandium	45-1	4185856	4144379	4185140	4171792	0.57	cps
Scandium	45-2	375921	380352	379880	378718	0.64	cps
Selenium	82-1	9508	9688	9421	9539	1.42	cps
Selenium	77-2	863	823	900	862	4.45	cps
Selenium	78-2	2952	3119	3045	3039	2.75	cps
Silicon	28-1	379529	384205	388378	384037	1.15	cps
Silver	107-1	546024	543535	545010	544856	0.23	cps
Silver	109-1	525016	522966	527182	525055	0.40	cps
Sodium	23-2	4807359	4818716	4817087	4814387	0.13	cps
Strontium	86-1	9061	9695	8911	9223	4.51	cps
Strontium	88-1	51844	51000	51877	51574	0.96	cps
Sulfur	34-1	450986	440038	436642	442555	1.69	cps
Terbium	159-1	10483424	10340073	10372959	10398819	0.72	cps
Terbium	159-2	6757095	6809738	6699974	6755603	0.81	cps
Thallium	203-1	597450	601277	605675	601467	0.68	cps
Thallium	205-1	1448297	1457930	1452257	1452828	0.33	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-04	Instrumnet Name :	P7
Client Sample ID :	MA0AY0	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:31:44	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	128	144	178	150	16.97	cps
Tin	118-1	1042	1125	1083	1083	3.85	cps
Titanium	47-1	350	350	217	306	25.20	cps
Uranium	238-1	358	333	358	350	4.12	cps
Vanadium	51-2	1791126	1799275	1775702	1788701	0.67	cps
Yttrium	89-1	10821056	10917433	10913292	10883927	0.50	cps
Yttrium	89-2	2710220	2724608	2718341	2717723	0.27	cps
Zinc	66-2	274690	274897	275359	274982	0.12	cps
Zirconium	90-1	825	867	883	858	3.50	cps
Zirconium	91-1	142	225	258	208	28.84	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-01	Instrumnet Name :	P7
Client Sample ID :	MA0AM4	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:34:54	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1817	1717	1725	1753	3.17	cps
Antimony	121-1	933	667	542	714	28.02	cps
Arsenic	75-2	24	31	17	24	30.76	cps
Barium	135-1	3159	3075	3167	3134	1.62	cps
Barium	137-1	5835	5818	5335	5662	5.02	cps
Beryllium	9-1	144	106	117	122	16.39	cps
Bismuth	209-1	6356131	6409362	6365384	6376959	0.45	cps
Bismuth	209-2	4705173	4730381	4700341	4711965	0.34	cps
Boron	10-1	4342	4834	5076	4751	7.87	cps
Boron	11-1	21833	22784	21891	22169	2.41	cps
Bromine	81-1	6093	6235	5593	5974	5.65	cps
Bromine	81-2	110	80	70	87	24.02	cps
Cadmium	111-1	759	653	726	713	7.57	cps
Cadmium	106-1	3434	3142	3542	3373	6.14	cps
Cadmium	108-1	46	42	46	44	5.40	cps
Calcium	43-1	1342	992	1208	1181	14.96	cps
Calcium	44-1	33108	32106	31955	32390	1.93	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2987	3037	2997	3007	0.88	cps
Cobalt	59-2	380	357	287	341	14.24	cps
Copper	63-2	2157	2184	2147	2162	0.88	cps
Dysprosium	156-1	8	25	0	11	114.58	cps
Dysprosium	156-2	10	7	17	11	45.82	cps
Erbium	164-1	58	100	17	58	71.43	cps
Erbium	164-2	53	17	30	33	55.67	cps
Gadolinium	160-1	50	75	42	56	31.22	cps
Gadolinium	160-2	33	110	60	68	57.43	cps
Holmium	165-1	9851085	9812183	9829723	9830997	0.20	cps
Holmium	165-2	6402338	6729006	6681606	6604317	2.67	cps
Indium	115-1	7296000	7325236	7418741	7346659	0.87	cps
Indium	115-2	2408763	2407608	2420960	2412444	0.31	cps
Iron	56-2	40751	39542	37002	39098	4.89	cps
Iron	57-2	922	928	772	874	10.10	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-01	Instrumnet Name :	P7
Client Sample ID :	MA0AM4	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:34:54	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	3454	3114	2893	3154	8.96	cps
Krypton	83-1	2094	2087	2107	2096	0.49	cps
Lead	206-1	1695	1650	1489	1611	6.71	cps
Lead	207-1	1583	1289	1167	1346	15.91	cps
Lead	208-1	7029	6395	5678	6367	10.61	cps
Lithium	6-1	1979560	1976269	1993625	1983151	0.46	cps
Magnesium	24-2	2284	2250	2259	2264	0.77	cps
Manganese	55-2	1610	1563	1610	1595	1.69	cps
Molybdenum	94-1	275	300	208	261	18.15	cps
Molybdenum	95-1	67	83	83	78	12.37	cps
Molybdenum	96-1	100	133	58	97	38.65	cps
Molybdenum	97-1	42	50	33	42	20.00	cps
Molybdenum	98-1	125	58	42	75	58.79	cps
Neodymium	150-1	13	20	27	20	33.35	cps
Neodymium	150-2	13	0	3	6	124.93	cps
Nickel	60-2	317	293	293	301	4.47	cps
Phosphorus	31-2	442	442	375	419	9.18	cps
Potassium	39-2	66365	66289	67387	66680	0.92	cps
Rhodium	103-1	6736593	6680211	6805981	6740928	0.93	cps
Rhodium	103-2	4343172	4359314	4350936	4351141	0.19	cps
Scandium	45-1	3934002	3960011	3964091	3952702	0.41	cps
Scandium	45-2	362608	360634	361554	361599	0.27	cps
Selenium	82-1	-8	62	-26	9	493.57	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	224	185	183	198	11.65	cps
Silicon	28-1	16165722	15977188	16042864	16061925	0.60	cps
Silver	107-1	667	458	425	517	25.35	cps
Silver	109-1	600	517	383	500	21.86	cps
Sodium	23-2	64405	64547	64145	64366	0.32	cps
Strontium	86-1	3942	4151	3876	3990	3.60	cps
Strontium	88-1	4626	4868	4834	4776	2.74	cps
Sulfur	34-1	406472	402988	401014	403491	0.69	cps
Terbium	159-1	9987054	9832602	9727293	9848983	1.33	cps
Terbium	159-2	6579386	6582559	6648235	6603393	0.59	cps
Thallium	203-1	775	492	508	592	26.87	cps
Thallium	205-1	2025	1325	1042	1464	34.58	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-01	Instrumnet Name :	P7
Client Sample ID :	MA0AM4	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:34:54	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	144	133	178	152	15.23	cps
Tin	118-1	1142	992	1183	1106	9.12	cps
Titanium	47-1	1175	967	1225	1122	12.21	cps
Uranium	238-1	183	100	117	133	33.07	cps
Vanadium	51-2	220	120	160	167	30.20	cps
Yttrium	89-1	10371626	10395851	10705018	10490832	1.77	cps
Yttrium	89-2	2553844	2608448	2587476	2583256	1.07	cps
Zinc	66-2	1867	1777	1970	1871	5.17	cps
Zirconium	90-1	692	792	733	739	6.80	cps
Zirconium	91-1	158	175	117	150	20.03	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-02	Instrumnet Name :	P7
Client Sample ID :	MA0AP8	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:38:04	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	77182	76755	76512	76816	0.44	cps
Antimony	121-1	9854	9462	9904	9740	2.48	cps
Arsenic	75-2	487	472	530	496	6.01	cps
Barium	135-1	20198	20299	20240	20246	0.25	cps
Barium	137-1	34978	36440	35721	35713	2.05	cps
Beryllium	9-1	506	622	633	587	12.06	cps
Bismuth	209-1	6354624	6444818	6495189	6431544	1.11	cps
Bismuth	209-2	4666546	4719119	4748510	4711392	0.88	cps
Boron	10-1	5801	6143	5968	5971	2.86	cps
Boron	11-1	28043	28628	28886	28519	1.51	cps
Bromine	81-1	10729	11814	12447	11663	7.45	cps
Bromine	81-2	1311	1622	1241	1392	14.55	cps
Cadmium	111-1	7561	7978	7732	7757	2.70	cps
Cadmium	106-1	4159	4284	4101	4181	2.24	cps
Cadmium	108-1	592	550	521	554	6.42	cps
Calcium	43-1	508409	508626	508824	508619	0.04	cps
Calcium	44-1	7772282	7700855	7839595	7770911	0.89	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2213110	2219150	2196974	2209745	0.52	cps
Cobalt	59-2	3030	2950	2834	2938	3.37	cps
Copper	63-2	7809	8116	8402	8109	3.66	cps
Dysprosium	156-1	7110	7010	7411	7177	2.90	cps
Dysprosium	156-2	4297	4344	4337	4326	0.58	cps
Erbium	164-1	5710	5960	5585	5751	3.32	cps
Erbium	164-2	3717	3887	3871	3825	2.45	cps
Gadolinium	160-1	6402	6227	6418	6349	1.67	cps
Gadolinium	160-2	4638	4934	4768	4780	3.11	cps
Holmium	165-1	9746143	9967446	9989487	9901025	1.36	cps
Holmium	165-2	6604403	6619995	6457728	6560709	1.36	cps
Indium	115-1	7108098	7219088	7285236	7204141	1.24	cps
Indium	115-2	2358753	2397438	2375134	2377108	0.82	cps
Iron	56-2	11452609	11268213	11378526	11366449	0.82	cps
Iron	57-2	288275	291395	287147	288939	0.76	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-02	Instrumnet Name :	P7
Client Sample ID :	MA0AP8	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:38:04	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	712046	703955	709964	708655	0.59	cps
Krypton	83-1	2224	1943	2067	2078	6.75	cps
Lead	206-1	26432	27011	27757	27067	2.45	cps
Lead	207-1	22408	23721	23293	23141	2.89	cps
Lead	208-1	104930	107302	108663	106965	1.77	cps
Lithium	6-1	1963454	1965248	1984143	1970948	0.58	cps
Magnesium	24-2	1083216	1082687	1060390	1075431	1.21	cps
Manganese	55-2	143969	142835	144578	143794	0.62	cps
Molybdenum	94-1	9203	9028	9362	9198	1.81	cps
Molybdenum	95-1	11396	10729	10879	11002	3.18	cps
Molybdenum	96-1	11930	12306	11964	12066	1.72	cps
Molybdenum	97-1	7127	6893	7202	7074	2.27	cps
Molybdenum	98-1	18646	17570	19172	18462	4.42	cps
Neodymium	150-1	14548	13854	14788	14397	3.37	cps
Neodymium	150-2	7575	7832	8059	7822	3.09	cps
Nickel	60-2	15271	15892	15291	15485	2.28	cps
Phosphorus	31-2	800	800	775	792	1.82	cps
Potassium	39-2	528481	532589	533561	531544	0.51	cps
Rhodium	103-1	6459257	6649542	6553876	6554225	1.45	cps
Rhodium	103-2	4263890	4351922	4282894	4299569	1.08	cps
Scandium	45-1	3906277	3877325	3909130	3897577	0.45	cps
Scandium	45-2	351084	356735	352434	353418	0.84	cps
Selenium	82-1	-186	76	77	-11	-1377.84	cps
Selenium	77-2	30	7	23	20	60.08	cps
Selenium	78-2	215	202	187	201	6.91	cps
Silicon	28-1	52756787	52721887	52899447	52792707	0.18	cps
Silver	107-1	233	208	217	219	5.80	cps
Silver	109-1	267	175	242	228	20.80	cps
Sodium	23-2	4959743	5028533	4820126	4936134	2.15	cps
Strontium	86-1	113109	114695	115562	114455	1.09	cps
Strontium	88-1	985034	998353	997592	993660	0.75	cps
Sulfur	34-1	544754	545817	541550	544041	0.41	cps
Terbium	159-1	9801744	9867469	9986546	9885253	0.95	cps
Terbium	159-2	6486017	6426207	6536367	6482864	0.85	cps
Thallium	203-1	350	417	358	375	9.69	cps
Thallium	205-1	808	1000	858	889	11.19	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-02	Instrumnet Name :	P7
Client Sample ID :	MA0AP8	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:38:04	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	30692	30218	30369	30426	0.80	cps
Tin	118-1	3567	3417	3584	3523	2.61	cps
Titanium	47-1	14374	14658	14824	14619	1.56	cps
Uranium	238-1	440717	449965	448613	446432	1.12	cps
Vanadium	51-2	8316	8426	8466	8402	0.93	cps
Yttrium	89-1	10364518	10399420	10377152	10380363	0.17	cps
Yttrium	89-2	2569897	2591211	2590214	2583774	0.47	cps
Zinc	66-2	4094	4111	4004	4069	1.41	cps
Zirconium	90-1	8036	8303	8753	8364	4.33	cps
Zirconium	91-1	1717	1642	1608	1656	3.35	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-03	Instrumnet Name :	P7
Client Sample ID :	MA0AQ6	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:41:09	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	722283	723737	716279	720767	0.55	cps
Antimony	121-1	5018	4609	5234	4954	6.41	cps
Arsenic	75-2	587	569	585	580	1.76	cps
Barium	135-1	61972	65596	65756	64441	3.32	cps
Barium	137-1	110948	113972	113359	112760	1.42	cps
Beryllium	9-1	122	50	117	96	41.74	cps
Bismuth	209-1	6392823	6503806	6548351	6481660	1.24	cps
Bismuth	209-2	4763792	4769021	4779968	4770927	0.17	cps
Boron	10-1	12714	13139	14382	13412	6.46	cps
Boron	11-1	62947	64496	65952	64465	2.33	cps
Bromine	81-1	14282	14766	15625	14891	4.57	cps
Bromine	81-2	1942	2032	1702	1892	9.03	cps
Cadmium	111-1	713	681	736	710	3.86	cps
Cadmium	106-1	3501	3300	3350	3384	3.08	cps
Cadmium	108-1	100	71	108	93	21.16	cps
Calcium	43-1	1345811	1350339	1372110	1356087	1.04	cps
Calcium	44-1	20842689	21011852	21307122	21053888	1.12	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	89945	90468	88848	89754	0.92	cps
Cobalt	59-2	787	773	860	807	5.79	cps
Copper	63-2	12062	12072	11691	11942	1.81	cps
Dysprosium	156-1	183	200	150	178	14.32	cps
Dysprosium	156-2	113	127	113	118	6.54	cps
Erbium	164-1	283	392	308	328	17.30	cps
Erbium	164-2	230	190	167	196	16.38	cps
Gadolinium	160-1	275	233	308	272	13.80	cps
Gadolinium	160-2	170	193	210	191	10.51	cps
Holmium	165-1	9910948	10078897	9949666	9979837	0.88	cps
Holmium	165-2	6725760	6804399	6738226	6756128	0.63	cps
Indium	115-1	7287523	7422113	7256606	7322081	1.20	cps
Indium	115-2	2412244	2423512	2424113	2419956	0.28	cps
Iron	56-2	387762	389177	384758	387233	0.58	cps
Iron	57-2	11922	12533	11855	12103	3.09	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-03	Instrumnet Name :	P7
Client Sample ID :	MA0AQ6	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:41:09	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	26160	25257	24876	25431	2.59	cps
Krypton	83-1	1953	2064	2114	2044	4.01	cps
Lead	206-1	2250	2295	2117	2221	4.17	cps
Lead	207-1	1928	1895	2000	1941	2.78	cps
Lead	208-1	8807	9179	9074	9020	2.13	cps
Lithium	6-1	1958410	1956610	1976933	1963984	0.57	cps
Magnesium	24-2	2051258	2072865	2041929	2055351	0.77	cps
Manganese	55-2	167194	167339	166375	166969	0.31	cps
Molybdenum	94-1	2625	2900	2667	2731	5.43	cps
Molybdenum	95-1	3801	3826	3709	3778	1.63	cps
Molybdenum	96-1	4084	3917	4317	4106	4.89	cps
Molybdenum	97-1	2450	2375	2250	2359	4.28	cps
Molybdenum	98-1	5885	6035	6485	6135	5.09	cps
Neodymium	150-1	327	273	307	302	8.92	cps
Neodymium	150-2	150	143	180	158	12.38	cps
Nickel	60-2	2157	2210	2150	2172	1.51	cps
Phosphorus	31-2	1042	1233	942	1072	13.82	cps
Potassium	39-2	789655	803516	784594	792588	1.24	cps
Rhodium	103-1	6605452	6565840	6610774	6594022	0.37	cps
Rhodium	103-2	4324757	4321318	4298140	4314738	0.34	cps
Scandium	45-1	3926264	3942197	3981130	3949864	0.71	cps
Scandium	45-2	360973	364268	360247	361830	0.59	cps
Selenium	82-1	-59	-49	-137	-82	-58.87	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	209	185	219	204	8.42	cps
Silicon	28-1	87763104	86774339	87914435	87483960	0.71	cps
Silver	107-1	183	158	142	161	13.02	cps
Silver	109-1	117	175	142	144	20.26	cps
Sodium	23-2	5723711	5719292	5722527	5721843	0.04	cps
Strontium	86-1	232123	230580	233976	232226	0.73	cps
Strontium	88-1	2003427	2019777	2020967	2014724	0.49	cps
Sulfur	34-1	574060	581070	586421	580517	1.07	cps
Terbium	159-1	9942478	10078534	10111846	10044286	0.89	cps
Terbium	159-2	6691343	6702957	6691644	6695315	0.10	cps
Thallium	203-1	442	417	350	403	11.77	cps
Thallium	205-1	858	1042	942	947	9.69	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-03	Instrumnet Name :	P7
Client Sample ID :	MA0AQ6	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:41:09	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	578	522	622	574	8.73	cps
Tin	118-1	3426	3250	2884	3187	8.68	cps
Titanium	47-1	3926	4451	4109	4162	6.40	cps
Uranium	238-1	128874	130884	131902	130553	1.18	cps
Vanadium	51-2	4337	4591	4247	4392	4.05	cps
Yttrium	89-1	10432269	10501504	10589421	10507731	0.75	cps
Yttrium	89-2	2612222	2633721	2610200	2618714	0.50	cps
Zinc	66-2	8849	8703	8966	8839	1.49	cps
Zirconium	90-1	2017	1658	1550	1742	14.02	cps
Zirconium	91-1	400	408	408	406	1.19	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-05	Instrumnet Name :	P7
Client Sample ID :	MA0AY8	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:44:15	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3710217	3779374	3732807	3740799	0.94	cps
Antimony	121-1	158359	159899	161788	160015	1.07	cps
Arsenic	75-2	3341	3475	3384	3400	2.00	cps
Barium	135-1	1366529	1373096	1400095	1379907	1.29	cps
Barium	137-1	2417970	2411509	2453218	2427566	0.92	cps
Beryllium	9-1	2122	1956	2084	2054	4.25	cps
Bismuth	209-1	6279287	6274670	6258278	6270745	0.18	cps
Bismuth	209-2	4705640	4701756	4701762	4703052	0.05	cps
Boron	10-1	12013	12781	12347	12380	3.11	cps
Boron	11-1	59751	62169	61659	61193	2.08	cps
Bromine	81-1	38945	40415	42087	40482	3.88	cps
Bromine	81-2	6488	7169	7430	7029	6.92	cps
Cadmium	111-1	3157	3373	3306	3278	3.37	cps
Cadmium	106-1	5201	5268	4951	5140	3.25	cps
Cadmium	108-1	638	604	621	621	2.68	cps
Calcium	43-1	18037697	18088756	18098081	18074845	0.18	cps
Calcium	44-1	288920156	291763841	294411666	291698554	0.94	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4281238	4239129	4242396	4254254	0.55	cps
Cobalt	59-2	47062	48854	47747	47888	1.89	cps
Copper	63-2	307398	306513	307289	307067	0.16	cps
Dysprosium	156-1	27503	27503	28138	27715	1.32	cps
Dysprosium	156-2	16917	17031	16613	16854	1.28	cps
Erbium	164-1	22995	23997	22619	23204	3.07	cps
Erbium	164-2	15342	15292	15439	15358	0.49	cps
Gadolinium	160-1	23663	23838	23997	23832	0.70	cps
Gadolinium	160-2	17318	17374	17314	17336	0.19	cps
Holmium	165-1	10309766	10378107	10361409	10349761	0.34	cps
Holmium	165-2	7118171	7050527	7081531	7083410	0.48	cps
Indium	115-1	7316019	7252132	7380455	7316202	0.88	cps
Indium	115-2	2449544	2448634	2445174	2447784	0.09	cps
Iron	56-2	56237911	55800892	56667773	56235525	0.77	cps
Iron	57-2	1445138	1451246	1457603	1451329	0.43	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-05	Instrumnet Name :	P7
Client Sample ID :	MA0AY8	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:44:15	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	3274818	3258813	3269173	3267601	0.25	cps
Krypton	83-1	2117	2010	2180	2102	4.09	cps
Lead	206-1	79083	77692	79776	78850	1.35	cps
Lead	207-1	65667	67308	65644	66206	1.44	cps
Lead	208-1	307200	307034	308119	307451	0.19	cps
Lithium	6-1	2044429	2058896	2071077	2058134	0.65	cps
Magnesium	24-2	5229564	5191711	5183918	5201731	0.47	cps
Manganese	55-2	1639226	1650242	1655872	1648447	0.51	cps
Molybdenum	94-1	157374	154315	154392	155360	1.12	cps
Molybdenum	95-1	61582	62587	62327	62166	0.84	cps
Molybdenum	96-1	86092	89748	87852	87897	2.08	cps
Molybdenum	97-1	39547	39439	38828	39271	0.99	cps
Molybdenum	98-1	102013	103566	100125	101901	1.69	cps
Neodymium	150-1	39563	39844	40346	39918	0.99	cps
Neodymium	150-2	22912	22816	23139	22956	0.72	cps
Nickel	60-2	123037	123525	123215	123259	0.20	cps
Phosphorus	31-2	3901	3601	3684	3728	4.15	cps
Potassium	39-2	6853267	6936013	6929173	6906151	0.67	cps
Rhodium	103-1	6441245	6437390	6372953	6417196	0.60	cps
Rhodium	103-2	4243918	4235292	4265073	4248094	0.36	cps
Scandium	45-1	4230500	4197923	4177033	4201819	0.64	cps
Scandium	45-2	379159	381103	380151	380138	0.26	cps
Selenium	82-1	-1481	-1388	-1533	-1467	-5.01	cps
Selenium	77-2	87	60	67	71	19.52	cps
Selenium	78-2	211	231	196	213	8.30	cps
Silicon	28-1	312434182	310601465	312917957	311984535	0.39	cps
Silver	107-1	3342	3467	3426	3412	1.87	cps
Silver	109-1	3109	3325	3459	3298	5.36	cps
Sodium	23-2	88924598	90489656	89698696	89704317	0.87	cps
Strontium	86-1	7606327	7690456	7744767	7680517	0.91	cps
Strontium	88-1	66505441	68644481	67713068	67620997	1.59	cps
Sulfur	34-1	1206975	1199804	1200262	1202347	0.33	cps
Terbium	159-1	10359723	10368659	10507215	10411866	0.79	cps
Terbium	159-2	6946058	6865096	6960503	6923886	0.74	cps
Thallium	203-1	1508	1708	1375	1531	10.96	cps
Thallium	205-1	4117	4309	3992	4140	3.85	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-05	Instrumnet Name :	P7
Client Sample ID :	MA0AY8	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:44:15	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	184074	186160	184416	184883	0.61	cps
Tin	118-1	44487	46344	46820	45884	2.69	cps
Titanium	47-1	806379	808101	806069	806850	0.14	cps
Uranium	238-1	80230	80313	80196	80246	0.08	cps
Vanadium	51-2	140148	140339	139834	140107	0.18	cps
Yttrium	89-1	10875455	10917025	10972192	10921557	0.44	cps
Yttrium	89-2	2774115	2785657	2788471	2782748	0.27	cps
Zinc	66-2	173250	174730	173867	173949	0.43	cps
Zirconium	90-1	329516	325719	327837	327691	0.58	cps
Zirconium	91-1	71671	73589	72491	72583	1.33	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-06	Instrumnet Name :	P7
Client Sample ID :	MA0AZ0	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:47:21	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	772797	774537	784565	777300	0.82	cps
Antimony	121-1	1692	1767	1567	1675	6.03	cps
Arsenic	75-2	407	372	441	407	8.42	cps
Barium	135-1	581818	587338	581710	583622	0.55	cps
Barium	137-1	1025042	1034097	1028192	1029111	0.45	cps
Beryllium	9-1	167	117	106	130	25.11	cps
Bismuth	209-1	6086994	6138178	6124482	6116551	0.43	cps
Bismuth	209-2	4574560	4603024	4661558	4613047	0.96	cps
Boron	10-1	6360	6335	6743	6479	3.53	cps
Boron	11-1	30615	31483	32043	31380	2.29	cps
Bromine	81-1	34450	34275	36664	35130	3.79	cps
Bromine	81-2	6037	5236	6398	5891	10.09	cps
Cadmium	111-1	1343	1394	1341	1359	2.20	cps
Cadmium	106-1	3684	3342	3501	3509	4.87	cps
Cadmium	108-1	133	113	108	118	11.35	cps
Calcium	43-1	3603744	3555167	3610652	3589854	0.84	cps
Calcium	44-1	55049729	55043787	55634052	55242522	0.61	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	48025	46677	47767	47489	1.51	cps
Cobalt	59-2	4434	4664	4687	4595	3.05	cps
Copper	63-2	18081	18008	17771	17953	0.90	cps
Dysprosium	156-1	300	308	275	294	5.89	cps
Dysprosium	156-2	153	97	153	134	24.34	cps
Erbium	164-1	250	258	300	269	9.94	cps
Erbium	164-2	143	147	220	170	25.49	cps
Gadolinium	160-1	208	275	183	222	21.32	cps
Gadolinium	160-2	140	180	200	173	17.63	cps
Holmium	165-1	9791881	9872002	9874500	9846128	0.48	cps
Holmium	165-2	6793168	6781589	6863466	6812741	0.65	cps
Indium	115-1	7103056	6972115	7069176	7048116	0.96	cps
Indium	115-2	2349904	2353147	2387732	2363595	0.89	cps
Iron	56-2	688849	682293	688504	686549	0.54	cps
Iron	57-2	23436	24287	25255	24326	3.74	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-06	Instrumnet Name :	P7
Client Sample ID :	MA0AZ0	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:47:21	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	40547	39563	40366	40159	1.30	cps
Krypton	83-1	2054	2140	2077	2090	2.15	cps
Lead	206-1	8369	8770	7936	8358	4.99	cps
Lead	207-1	6741	7008	6969	6906	2.09	cps
Lead	208-1	32077	32744	31954	32258	1.32	cps
Lithium	6-1	2010387	2024537	2036612	2023845	0.65	cps
Magnesium	24-2	40062	40572	40112	40249	0.70	cps
Manganese	55-2	10884	10764	11034	10894	1.24	cps
Molybdenum	94-1	42063	42397	42163	42207	0.41	cps
Molybdenum	95-1	69929	72332	72819	71693	2.16	cps
Molybdenum	96-1	77594	78868	78691	78384	0.88	cps
Molybdenum	97-1	44579	43634	45180	44464	1.75	cps
Molybdenum	98-1	116421	114910	116413	115915	0.75	cps
Neodymium	150-1	513	387	393	431	16.53	cps
Neodymium	150-2	280	207	157	214	28.93	cps
Nickel	60-2	40897	41231	40914	41014	0.46	cps
Phosphorus	31-2	425	542	525	497	12.69	cps
Potassium	39-2	26945626	26655411	27788995	27130011	2.17	cps
Rhodium	103-1	6237950	6313089	6256201	6269080	0.63	cps
Rhodium	103-2	4164543	4127034	4196908	4162828	0.84	cps
Scandium	45-1	3832216	3832143	3846488	3836949	0.22	cps
Scandium	45-2	356773	357934	365553	360087	1.32	cps
Selenium	82-1	-2203	-2239	-2302	-2248	-2.23	cps
Selenium	77-2	13	10	13	12	15.73	cps
Selenium	78-2	159	213	193	188	14.40	cps
Silicon	28-1	23608187	23215797	23386145	23403376	0.84	cps
Silver	107-1	192	292	217	233	22.30	cps
Silver	109-1	175	158	183	172	7.39	cps
Sodium	23-2	156410462	156366958	160579408	157785609	1.53	cps
Strontium	86-1	11437885	11398285	11427774	11421315	0.18	cps
Strontium	88-1	99504298	98937898	99810413	99417536	0.45	cps
Sulfur	34-1	659020	654783	663995	659266	0.70	cps
Terbium	159-1	9800617	9783080	9871200	9818299	0.48	cps
Terbium	159-2	6640425	6676207	6645179	6653937	0.29	cps
Thallium	203-1	233	250	392	292	29.83	cps
Thallium	205-1	758	833	742	778	6.28	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-06	Instrumnet Name :	P7
Client Sample ID :	MA0AZ0	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:47:21	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	2234	2150	2239	2208	2.26	cps
Tin	118-1	6602	7035	7085	6907	3.85	cps
Titanium	47-1	6193	6143	5651	5996	4.99	cps
Uranium	238-1	4292	4601	4476	4456	3.48	cps
Vanadium	51-2	6578	6675	6331	6528	2.71	cps
Yttrium	89-1	10104583	10137431	10117804	10119939	0.16	cps
Yttrium	89-2	2575311	2575673	2629170	2593384	1.20	cps
Zinc	66-2	3277	3157	3127	3187	2.49	cps
Zirconium	90-1	3959	3484	3259	3567	10.02	cps
Zirconium	91-1	750	767	725	747	2.81	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-07	Instrumnet Name :	P7
Client Sample ID :	MA0AZ2	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:50:28	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1273777	1311212	1316005	1300331	1.78	cps
Antimony	121-1	14316	14399	15384	14700	4.04	cps
Arsenic	75-2	2543	2567	2569	2560	0.57	cps
Barium	135-1	504869	525858	538045	522924	3.21	cps
Barium	137-1	893517	929776	942679	921991	2.76	cps
Beryllium	9-1	300	261	278	280	6.98	cps
Bismuth	209-1	5535940	5683608	5765437	5661661	2.05	cps
Bismuth	209-2	4218140	4218851	4216568	4217853	0.03	cps
Boron	10-1	19046	20740	21891	20559	6.96	cps
Boron	11-1	91484	98099	101430	97004	5.22	cps
Bromine	81-1	87555	91406	97016	91992	5.17	cps
Bromine	81-2	16026	15755	15925	15902	0.86	cps
Cadmium	111-1	963	922	937	941	2.20	cps
Cadmium	106-1	3784	3776	3751	3770	0.46	cps
Cadmium	108-1	188	238	233	219	12.64	cps
Calcium	43-1	2880972	2980775	3000874	2954207	2.17	cps
Calcium	44-1	44366480	45819479	46153180	45446380	2.09	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2061342	2056212	2054395	2057316	0.18	cps
Cobalt	59-2	42916	43752	43802	43490	1.14	cps
Copper	63-2	153252	154340	155108	154234	0.60	cps
Dysprosium	156-1	3701	3942	3467	3703	6.42	cps
Dysprosium	156-2	2260	2257	2387	2301	3.22	cps
Erbium	164-1	3584	3617	3651	3617	0.92	cps
Erbium	164-2	2520	2634	2327	2494	6.22	cps
Gadolinium	160-1	3300	3634	3717	3551	6.21	cps
Gadolinium	160-2	2380	2554	2460	2465	3.52	cps
Holmium	165-1	9179511	9474194	9527716	9393807	2.00	cps
Holmium	165-2	6254664	6288652	6289749	6277689	0.32	cps
Indium	115-1	6449836	6605802	6721735	6592458	2.07	cps
Indium	115-2	2222879	2245853	2249944	2239559	0.65	cps
Iron	56-2	16741011	16911342	16870854	16841069	0.53	cps
Iron	57-2	431959	433610	431422	432330	0.26	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-07	Instrumnet Name :	P7
Client Sample ID :	MA0AZ2	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:50:28	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1013318	1012321	1010957	1012199	0.12	cps
Krypton	83-1	2020	2120	1937	2026	4.53	cps
Lead	206-1	21963	22647	22486	22365	1.60	cps
Lead	207-1	18163	18508	18507	18393	1.08	cps
Lead	208-1	84143	86956	87056	86052	1.92	cps
Lithium	6-1	2316189	2371495	2430517	2372734	2.41	cps
Magnesium	24-2	868658	897216	897010	887628	1.85	cps
Manganese	55-2	327771	326725	328820	327772	0.32	cps
Molybdenum	94-1	107292	112800	114497	111530	3.38	cps
Molybdenum	95-1	131820	137194	139727	136247	2.96	cps
Molybdenum	96-1	149331	152490	154588	152136	1.74	cps
Molybdenum	97-1	84265	87224	86729	86073	1.84	cps
Molybdenum	98-1	212943	219472	223316	218577	2.40	cps
Neodymium	150-1	5368	5781	5721	5623	3.97	cps
Neodymium	150-2	3120	3117	3017	3085	1.90	cps
Nickel	60-2	96333	97159	97115	96869	0.48	cps
Phosphorus	31-2	1725	1700	1433	1620	9.98	cps
Potassium	39-2	99769696	103568490	103573579	102303922	2.15	cps
Rhodium	103-1	5526010	5651281	5747564	5641618	1.97	cps
Rhodium	103-2	3881042	3892426	3880972	3884813	0.17	cps
Scandium	45-1	3631810	3730775	3795298	3719294	2.21	cps
Scandium	45-2	343571	346623	351761	347318	1.19	cps
Selenium	82-1	-3088	-3343	-3156	-3196	-4.14	cps
Selenium	77-2	20	27	23	23	14.29	cps
Selenium	78-2	193	233	233	220	10.71	cps
Silicon	28-1	92905519	96194131	95850046	94983232	1.90	cps
Silver	107-1	442	450	475	456	3.81	cps
Silver	109-1	350	308	592	417	36.72	cps
Sodium	23-2	400498426	411297151	411604226	407799934	1.55	cps
Strontium	86-1	16469140	16987250	17240729	16899040	2.33	cps
Strontium	88-1	144043187	149538478	151956670	148512778	2.73	cps
Sulfur	34-1	4684577	4793151	4776327	4751352	1.23	cps
Terbium	159-1	9376674	9431379	9468679	9425577	0.49	cps
Terbium	159-2	6375214	6173306	6247747	6265422	1.63	cps
Thallium	203-1	492	650	575	572	13.84	cps
Thallium	205-1	1550	1325	1483	1453	7.96	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-07	Instrumnet Name :	P7
Client Sample ID :	MA0AZ2	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:50:28	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	20227	21145	21201	20858	2.62	cps
Tin	118-1	19823	20399	20857	20360	2.55	cps
Titanium	47-1	137478	141902	145342	141574	2.78	cps
Uranium	238-1	64551	69116	68597	67421	3.71	cps
Vanadium	51-2	165159	165233	165782	165391	0.21	cps
Yttrium	89-1	9516912	9814749	10038527	9790063	2.67	cps
Yttrium	89-2	2505939	2536010	2503241	2515063	0.72	cps
Zinc	66-2	39637	39253	39286	39392	0.54	cps
Zirconium	90-1	92673	95717	97085	95158	2.37	cps
Zirconium	91-1	20173	20816	21650	20880	3.55	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-08	Instrumnet Name :	P7
Client Sample ID :	MA0AM6	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:53:39	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1742	1825	1558	1708	7.99	cps
Antimony	121-1	483	525	475	494	5.42	cps
Arsenic	75-2	39	41	31	37	13.23	cps
Barium	135-1	1417	1542	1508	1489	4.35	cps
Barium	137-1	2725	2709	2834	2756	2.46	cps
Beryllium	9-1	78	117	78	91	24.74	cps
Bismuth	209-1	6682065	6684488	6721664	6696072	0.33	cps
Bismuth	209-2	4881367	4898491	4901897	4893918	0.22	cps
Boron	10-1	6085	6018	5793	5965	2.56	cps
Boron	11-1	28402	28110	28160	28224	0.55	cps
Bromine	81-1	9053	8636	8761	8817	2.43	cps
Bromine	81-2	641	471	380	497	26.58	cps
Cadmium	111-1	763	714	675	717	6.11	cps
Cadmium	106-1	3734	3659	3409	3601	4.73	cps
Cadmium	108-1	25	38	33	32	19.92	cps
Calcium	43-1	3317	3392	3434	3381	1.75	cps
Calcium	44-1	67996	69285	69795	69025	1.34	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	10394	10444	10067	10301	1.99	cps
Cobalt	59-2	180	260	187	209	21.25	cps
Copper	63-2	2024	1867	1977	1956	4.11	cps
Dysprosium	156-1	33	58	25	39	44.62	cps
Dysprosium	156-2	3	10	10	8	49.52	cps
Erbium	164-1	75	75	33	61	39.37	cps
Erbium	164-2	50	40	73	54	31.42	cps
Gadolinium	160-1	42	83	58	61	34.32	cps
Gadolinium	160-2	60	80	57	66	19.25	cps
Holmium	165-1	10012059	10468789	10141992	10207614	2.31	cps
Holmium	165-2	6816360	6861988	6875886	6851412	0.45	cps
Indium	115-1	7508027	7564317	7516853	7529732	0.40	cps
Indium	115-2	2461892	2418949	2440724	2440522	0.88	cps
Iron	56-2	51161	50414	50659	50745	0.75	cps
Iron	57-2	1200	1267	1339	1269	5.48	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-08	Instrumnet Name :	P7
Client Sample ID :	MA0AM6	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:53:39	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	4045	4135	3895	4025	3.02	cps
Krypton	83-1	1803	2154	2064	2007	9.06	cps
Lead	206-1	1884	1878	1950	1904	2.11	cps
Lead	207-1	1667	1650	1572	1630	3.09	cps
Lead	208-1	7595	7734	7418	7582	2.09	cps
Lithium	6-1	2177137	2179849	2195067	2184017	0.44	cps
Magnesium	24-2	2667	2659	2550	2625	2.48	cps
Manganese	55-2	2224	2334	2360	2306	3.14	cps
Molybdenum	94-1	350	417	442	403	11.77	cps
Molybdenum	95-1	258	275	267	267	3.13	cps
Molybdenum	96-1	358	308	375	347	9.99	cps
Molybdenum	97-1	75	250	125	150	60.09	cps
Molybdenum	98-1	433	575	442	483	16.45	cps
Neodymium	150-1	20	20	13	18	21.66	cps
Neodymium	150-2	3	17	0	7	132.33	cps
Nickel	60-2	1797	1777	1650	1741	4.57	cps
Phosphorus	31-2	367	525	367	419	21.79	cps
Potassium	39-2	125231	122317	122527	123358	1.32	cps
Rhodium	103-1	6903296	6757841	6911469	6857535	1.26	cps
Rhodium	103-2	4408332	4370325	4359370	4379342	0.59	cps
Scandium	45-1	4008779	4015937	4042746	4022487	0.45	cps
Scandium	45-2	364045	362588	361723	362785	0.32	cps
Selenium	82-1	201	-284	-99	-61	-402.58	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	167	141	191	166	15.06	cps
Silicon	28-1	18054959	18456001	18105995	18205651	1.20	cps
Silver	107-1	58	92	125	92	36.36	cps
Silver	109-1	67	108	58	78	34.44	cps
Sodium	23-2	281579	270933	267493	273335	2.69	cps
Strontium	86-1	10921	11013	11296	11077	1.77	cps
Strontium	88-1	69535	72341	71704	71193	2.07	cps
Sulfur	34-1	452753	457360	448285	452799	1.00	cps
Terbium	159-1	10233840	10436895	10244637	10305124	1.11	cps
Terbium	159-2	6766815	6757913	6679264	6734664	0.72	cps
Thallium	203-1	133	200	150	161	21.54	cps
Thallium	205-1	475	392	433	433	9.62	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-08	Instrumnet Name :	P7
Client Sample ID :	MA0AM6	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:53:39	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	133	111	117	120	9.61	cps
Tin	118-1	967	1267	1067	1100	13.89	cps
Titanium	47-1	425	508	533	489	11.60	cps
Uranium	238-1	133	108	67	103	32.77	cps
Vanadium	51-2	150	123	120	131	12.54	cps
Yttrium	89-1	10711033	10544574	10637805	10631137	0.78	cps
Yttrium	89-2	2638761	2619168	2593800	2617243	0.86	cps
Zinc	66-2	1793	1783	1637	1738	5.05	cps
Zirconium	90-1	525	633	800	653	21.22	cps
Zirconium	91-1	183	217	133	178	23.59	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-09	Instrumnet Name :	P7
Client Sample ID :	MA0AN4	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:56:47	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	137180	139586	136367	137711	1.22	cps
Antimony	121-1	11763	11914	11880	11852	0.67	cps
Arsenic	75-2	131	126	133	130	2.96	cps
Barium	135-1	883461	896248	918806	899505	1.99	cps
Barium	137-1	1564656	1605036	1609849	1593181	1.56	cps
Beryllium	9-1	89	94	56	80	26.41	cps
Bismuth	209-1	6176068	6163133	6196812	6178671	0.27	cps
Bismuth	209-2	4606518	4611781	4609834	4609378	0.06	cps
Boron	10-1	6418	6260	6777	6485	4.08	cps
Boron	11-1	30732	29855	31634	30740	2.89	cps
Bromine	81-1	15317	16109	16852	16093	4.77	cps
Bromine	81-2	2092	2273	2373	2246	6.33	cps
Cadmium	111-1	677	761	702	713	6.02	cps
Cadmium	106-1	3434	3717	3384	3512	5.12	cps
Cadmium	108-1	50	29	29	36	33.30	cps
Calcium	43-1	6885925	6875296	7031823	6931015	1.26	cps
Calcium	44-1	110817159	110307225	112781399	111301928	1.17	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	291593	292247	292666	292169	0.18	cps
Cobalt	59-2	5164	5101	5138	5134	0.62	cps
Copper	63-2	28534	28271	27987	28264	0.97	cps
Dysprosium	156-1	125	133	75	111	28.40	cps
Dysprosium	156-2	67	73	90	77	15.68	cps
Erbium	164-1	133	200	167	167	20.00	cps
Erbium	164-2	83	117	103	101	16.60	cps
Gadolinium	160-1	83	150	125	119	28.19	cps
Gadolinium	160-2	130	123	120	124	4.09	cps
Holmium	165-1	9829283	9696376	9927565	9817741	1.18	cps
Holmium	165-2	6862858	6836086	6712119	6803688	1.18	cps
Indium	115-1	7096466	7025530	7202719	7108239	1.25	cps
Indium	115-2	2388407	2369646	2385605	2381219	0.42	cps
Iron	56-2	845518	836919	847143	843193	0.65	cps
Iron	57-2	34429	34524	35437	34797	1.60	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-09	Instrumnet Name :	P7
Client Sample ID :	MA0AN4	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:56:47	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	56595	56124	57500	56740	1.23	cps
Krypton	83-1	2043	2044	2057	2048	0.38	cps
Lead	206-1	5896	5601	5829	5775	2.67	cps
Lead	207-1	4629	4834	4790	4751	2.28	cps
Lead	208-1	22397	22614	22775	22595	0.84	cps
Lithium	6-1	2100282	2101124	2113261	2104889	0.35	cps
Magnesium	24-2	31976	32127	32661	32254	1.12	cps
Manganese	55-2	20304	20414	20414	20378	0.31	cps
Molybdenum	94-1	10104	10604	11055	10588	4.49	cps
Molybdenum	95-1	16201	17219	17911	17111	5.03	cps
Molybdenum	96-1	17928	17803	18546	18092	2.20	cps
Molybdenum	97-1	10137	10437	10704	10426	2.72	cps
Molybdenum	98-1	27661	26567	27919	27382	2.62	cps
Neodymium	150-1	133	113	200	149	30.48	cps
Neodymium	150-2	73	63	70	69	7.39	cps
Nickel	60-2	47002	45748	46336	46362	1.35	cps
Phosphorus	31-2	533	433	558	508	13.01	cps
Potassium	39-2	12330815	12217562	12284025	12277467	0.46	cps
Rhodium	103-1	6313803	6398162	6410489	6374151	0.83	cps
Rhodium	103-2	4224090	4159831	4166880	4183601	0.84	cps
Scandium	45-1	3901214	3917822	3950398	3923144	0.64	cps
Scandium	45-2	363588	362899	363097	363195	0.10	cps
Selenium	82-1	-1890	-1964	-2045	-1966	-3.93	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	161	169	204	178	12.80	cps
Silicon	28-1	22121530	22018906	22461728	22200721	1.04	cps
Silver	107-1	125	117	67	103	30.69	cps
Silver	109-1	108	25	100	78	59.01	cps
Sodium	23-2	61624049	61110308	61670797	61468385	0.51	cps
Strontium	86-1	9778665	9905264	10083805	9922578	1.55	cps
Strontium	88-1	86568337	85944587	87869160	86794028	1.13	cps
Sulfur	34-1	589439	597448	612248	599712	1.93	cps
Terbium	159-1	9776959	9804564	9770612	9784045	0.18	cps
Terbium	159-2	6629586	6676308	6674175	6660023	0.40	cps
Thallium	203-1	500	533	433	489	10.42	cps
Thallium	205-1	1217	1167	1150	1178	2.95	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-09	Instrumnet Name :	P7
Client Sample ID :	MA0AN4	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:56:47	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	622	622	594	613	2.62	cps
Tin	118-1	3609	3984	4142	3912	7.00	cps
Titanium	47-1	5662	3667	3967	4432	24.27	cps
Uranium	238-1	2425	2159	2325	2303	5.85	cps
Vanadium	51-2	1177	1000	1163	1113	8.84	cps
Yttrium	89-1	10275085	10173524	10388351	10278987	1.05	cps
Yttrium	89-2	2623851	2617204	2586030	2609028	0.77	cps
Zinc	66-2	2834	2890	2900	2875	1.25	cps
Zirconium	90-1	2109	2175	2092	2125	2.07	cps
Zirconium	91-1	458	433	417	436	4.81	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-10	Instrumnet Name :	P7
Client Sample ID :	MA0AQ8	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:59:52	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	874768	877683	882973	878474	0.47	cps
Antimony	121-1	15509	15434	14800	15247	2.55	cps
Arsenic	75-2	948	894	976	940	4.41	cps
Barium	135-1	433820	438790	438267	436959	0.63	cps
Barium	137-1	768974	775966	775202	773381	0.50	cps
Beryllium	9-1	383	344	400	376	7.58	cps
Bismuth	209-1	6145046	6201711	6116941	6154566	0.70	cps
Bismuth	209-2	4574854	4666004	4661343	4634067	1.11	cps
Boron	10-1	10996	12080	11346	11474	4.82	cps
Boron	11-1	53503	57016	54800	55106	3.22	cps
Bromine	81-1	62184	67541	71117	66947	6.72	cps
Bromine	81-2	12849	12749	12488	12695	1.47	cps
Cadmium	111-1	1097	1194	1041	1111	6.99	cps
Cadmium	106-1	3984	3976	3626	3862	5.30	cps
Cadmium	108-1	250	192	275	239	17.90	cps
Calcium	43-1	3431743	3459096	3439487	3443442	0.41	cps
Calcium	44-1	53501396	53845146	53736524	53694355	0.33	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2249961	2279853	2285900	2271905	0.85	cps
Cobalt	59-2	7742	7745	7942	7810	1.47	cps
Copper	63-2	91614	92211	93006	92277	0.76	cps
Dysprosium	156-1	4584	5134	4818	4845	5.70	cps
Dysprosium	156-2	2954	3114	2877	2981	4.05	cps
Erbium	164-1	4126	4701	3884	4237	9.91	cps
Erbium	164-2	2800	2797	2894	2830	1.94	cps
Gadolinium	160-1	4234	4276	4292	4267	0.70	cps
Gadolinium	160-2	3094	3124	3154	3124	0.96	cps
Holmium	165-1	9914514	10020218	9922426	9952386	0.59	cps
Holmium	165-2	6852461	6923402	6955473	6910446	0.76	cps
Indium	115-1	7066402	7075801	7195874	7112692	1.01	cps
Indium	115-2	2359829	2411060	2402448	2391112	1.15	cps
Iron	56-2	7713111	7865790	7813959	7797620	1.00	cps
Iron	57-2	202909	203320	204214	203481	0.33	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-10	Instrumnet Name :	P7
Client Sample ID :	MA0AQ8	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:59:52	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	508065	519775	506780	511540	1.40	cps
Krypton	83-1	2007	2050	1973	2010	1.91	cps
Lead	206-1	27829	27846	28414	28030	1.19	cps
Lead	207-1	22597	23454	23604	23219	2.34	cps
Lead	208-1	106963	108322	109196	108160	1.04	cps
Lithium	6-1	2084175	2089125	2087738	2087013	0.12	cps
Magnesium	24-2	661349	667449	661168	663322	0.54	cps
Manganese	55-2	263594	266711	270898	267067	1.37	cps
Molybdenum	94-1	224139	226130	223791	224687	0.56	cps
Molybdenum	95-1	355481	357677	357649	356936	0.35	cps
Molybdenum	96-1	381445	389493	387891	386277	1.10	cps
Molybdenum	97-1	221376	222840	220894	221703	0.46	cps
Molybdenum	98-1	570270	576389	570448	572369	0.61	cps
Neodymium	150-1	6949	6562	6642	6717	3.04	cps
Neodymium	150-2	4024	3967	3924	3972	1.26	cps
Nickel	60-2	16700	17394	16990	17028	2.05	cps
Phosphorus	31-2	1058	725	1017	933	19.46	cps
Potassium	39-2	12259899	12460297	12289501	12336566	0.88	cps
Rhodium	103-1	6341456	6383630	6412499	6379195	0.56	cps
Rhodium	103-2	4156991	4217677	4248395	4207688	1.11	cps
Scandium	45-1	3953589	3968971	3952126	3958229	0.24	cps
Scandium	45-2	364039	368662	366042	366248	0.63	cps
Selenium	82-1	-554	-601	-482	-546	-10.98	cps
Selenium	77-2	30	20	37	29	29.04	cps
Selenium	78-2	207	259	215	227	12.34	cps
Silicon	28-1	83864687	85396191	85281906	84847595	1.01	cps
Silver	107-1	783	625	775	728	12.24	cps
Silver	109-1	633	767	617	672	12.23	cps
Sodium	23-2	209232046	212066692	209226509	210175082	0.78	cps
Strontium	86-1	3515838	3508295	3525157	3516430	0.24	cps
Strontium	88-1	31381538	31544086	31746847	31557490	0.58	cps
Sulfur	34-1	2475352	2502111	2459476	2478980	0.87	cps
Terbium	159-1	10042277	10023075	9978041	10014464	0.33	cps
Terbium	159-2	6789599	6747061	6815388	6784016	0.51	cps
Thallium	203-1	550	617	642	603	7.86	cps
Thallium	205-1	1225	1158	1017	1133	9.39	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-10	Instrumnet Name :	P7
Client Sample ID :	MA0AQ8	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 09:59:52	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	44776	46201	47665	46214	3.13	cps
Tin	118-1	12823	12731	12322	12625	2.11	cps
Titanium	47-1	105945	107035	107817	106932	0.88	cps
Uranium	238-1	39410	40614	41232	40419	2.29	cps
Vanadium	51-2	39011	40516	41017	40181	2.60	cps
Yttrium	89-1	10360687	10402029	10403643	10388786	0.23	cps
Yttrium	89-2	2615262	2657737	2675351	2649450	1.17	cps
Zinc	66-2	28067	28508	27883	28153	1.14	cps
Zirconium	90-1	57532	57666	58143	57781	0.56	cps
Zirconium	91-1	12956	12356	12514	12609	2.47	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-11	Instrumnet Name :	P7
Client Sample ID :	MA0AR2	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 10:02:59	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	558588	559854	551688	556710	0.79	cps
Antimony	121-1	5326	5334	5234	5298	1.05	cps
Arsenic	75-2	1735	1830	1861	1809	3.62	cps
Barium	135-1	24514	23846	24155	24171	1.38	cps
Barium	137-1	41772	42558	43176	42502	1.66	cps
Beryllium	9-1	94	94	117	102	12.59	cps
Bismuth	209-1	6182946	6268501	6349672	6267040	1.33	cps
Bismuth	209-2	4572059	4635846	4593143	4600349	0.71	cps
Boron	10-1	8202	7986	8136	8108	1.37	cps
Boron	11-1	37213	38550	40020	38594	3.64	cps
Bromine	81-1	30291	32228	34843	32454	7.04	cps
Bromine	81-2	5367	5717	5807	5630	4.13	cps
Cadmium	111-1	750	841	883	824	8.21	cps
Cadmium	106-1	3417	3584	3776	3592	4.99	cps
Cadmium	108-1	83	79	50	71	25.64	cps
Calcium	43-1	221542	224883	223149	223192	0.75	cps
Calcium	44-1	3555737	3596249	3596469	3582819	0.65	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	494756	496287	498767	496603	0.41	cps
Cobalt	59-2	1757	1893	1817	1822	3.76	cps
Copper	63-2	54668	54608	54842	54706	0.22	cps
Dysprosium	156-1	142	283	192	206	34.95	cps
Dysprosium	156-2	113	117	127	119	5.84	cps
Erbium	164-1	225	292	258	258	12.90	cps
Erbium	164-2	137	173	173	161	13.14	cps
Gadolinium	160-1	167	233	233	211	18.23	cps
Gadolinium	160-2	120	147	227	164	33.76	cps
Holmium	165-1	9860661	9888931	9961752	9903781	0.53	cps
Holmium	165-2	6745738	6768391	6630537	6714889	1.10	cps
Indium	115-1	6991609	7224567	7174253	7130143	1.72	cps
Indium	115-2	2338615	2346968	2348779	2344787	0.23	cps
Iron	56-2	636391	631283	630606	632760	0.50	cps
Iron	57-2	16270	15686	16137	16031	1.91	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-11	Instrumnet Name :	P7
Client Sample ID :	MA0AR2	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 10:02:59	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	51894	51251	50327	51157	1.54	cps
Krypton	83-1	1960	1983	2150	2031	5.10	cps
Lead	206-1	3517	3834	3873	3741	5.21	cps
Lead	207-1	3028	3050	3339	3139	5.53	cps
Lead	208-1	14303	14364	14909	14526	2.30	cps
Lithium	6-1	2055938	2078543	2084231	2072904	0.72	cps
Magnesium	24-2	32862	32594	32293	32583	0.87	cps
Manganese	55-2	12148	11875	11958	11994	1.17	cps
Molybdenum	94-1	55400	55909	55558	55622	0.47	cps
Molybdenum	95-1	94955	94570	93396	94307	0.86	cps
Molybdenum	96-1	102365	103179	103020	102855	0.42	cps
Molybdenum	97-1	59499	59700	60152	59784	0.56	cps
Molybdenum	98-1	154857	155254	156711	155607	0.63	cps
Neodymium	150-1	220	253	213	229	9.36	cps
Neodymium	150-2	133	137	167	146	12.61	cps
Nickel	60-2	7352	7405	7362	7373	0.38	cps
Phosphorus	31-2	633	542	492	556	12.93	cps
Potassium	39-2	11636467	11599900	11628678	11621682	0.17	cps
Rhodium	103-1	6365773	6477444	6467031	6436749	0.96	cps
Rhodium	103-2	4162518	4194522	4192566	4183202	0.43	cps
Scandium	45-1	3853370	3917915	3909800	3893695	0.90	cps
Scandium	45-2	354593	352312	355781	354228	0.50	cps
Selenium	82-1	-31	16	-135	-50	-155.97	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	161	198	183	181	10.31	cps
Silicon	28-1	58091353	59473374	58937983	58834237	1.18	cps
Silver	107-1	142	92	58	97	43.14	cps
Silver	109-1	67	75	75	72	6.66	cps
Sodium	23-2	73904264	74712120	73591806	74069397	0.78	cps
Strontium	86-1	501260	500905	505504	502556	0.51	cps
Strontium	88-1	4267879	4311270	4375263	4318137	1.25	cps
Sulfur	34-1	1235055	1257094	1259090	1250413	1.07	cps
Terbium	159-1	9964653	9947698	10074311	9995554	0.69	cps
Terbium	159-2	6610903	6638563	6556467	6601978	0.63	cps
Thallium	203-1	583	500	492	525	9.66	cps
Thallium	205-1	1092	1133	1342	1189	11.27	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-11	Instrumnet Name :	P7
Client Sample ID :	MA0AR2	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 10:02:59	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	1122	1228	1122	1157	5.27	cps
Tin	118-1	6677	7094	7385	7052	5.05	cps
Titanium	47-1	6385	6126	6510	6340	3.08	cps
Uranium	238-1	6827	6685	6827	6780	1.21	cps
Vanadium	51-2	54761	55005	55952	55239	1.14	cps
Yttrium	89-1	10137187	10182946	10186011	10168715	0.27	cps
Yttrium	89-2	2534408	2569349	2561338	2555032	0.72	cps
Zinc	66-2	4181	4187	4007	4125	2.47	cps
Zirconium	90-1	3351	3292	3376	3339	1.28	cps
Zirconium	91-1	867	683	742	764	12.26	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-12	Instrumnet Name :	P7
Client Sample ID :	MA0AQ4	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 10:06:07	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	36646	39079	35626	37117	4.78	cps
Antimony	121-1	900	883	883	889	1.08	cps
Arsenic	75-2	202	244	235	227	9.86	cps
Barium	135-1	36407	37393	38337	37379	2.58	cps
Barium	137-1	65095	65463	66819	65792	1.38	cps
Beryllium	9-1	139	94	83	106	27.85	cps
Bismuth	209-1	6328103	6415292	6519591	6420995	1.49	cps
Bismuth	209-2	4663893	4673051	4692935	4676626	0.32	cps
Boron	10-1	6643	6910	6935	6829	2.37	cps
Boron	11-1	32160	33062	33270	32831	1.80	cps
Bromine	81-1	41343	50438	57607	49796	16.37	cps
Bromine	81-2	10755	11306	11587	11216	3.77	cps
Cadmium	111-1	789	761	737	763	3.42	cps
Cadmium	106-1	3909	3551	3534	3664	5.78	cps
Cadmium	108-1	67	46	46	53	22.80	cps
Calcium	43-1	1240497	1259687	1260031	1253405	0.89	cps
Calcium	44-1	19120098	19477769	19551641	19383169	1.19	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	129240	129996	130854	130030	0.62	cps
Cobalt	59-2	2317	2460	2260	2346	4.40	cps
Copper	63-2	4577	4637	4641	4619	0.77	cps
Dysprosium	156-1	2067	1992	1850	1970	5.59	cps
Dysprosium	156-2	997	1100	1137	1078	6.74	cps
Erbium	164-1	1483	1450	1375	1436	3.86	cps
Erbium	164-2	947	863	913	908	4.62	cps
Gadolinium	160-1	1433	1683	1592	1570	8.06	cps
Gadolinium	160-2	1087	1097	1130	1105	2.05	cps
Holmium	165-1	9805931	9949342	9983424	9912899	0.95	cps
Holmium	165-2	6673467	6754799	6627376	6685214	0.97	cps
Indium	115-1	7219004	7252331	7277979	7249771	0.41	cps
Indium	115-2	2365606	2371952	2375087	2370882	0.20	cps
Iron	56-2	1093486	1108130	1116843	1106153	1.07	cps
Iron	57-2	29174	30449	29898	29840	2.14	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-12	Instrumnet Name :	P7
Client Sample ID :	MA0AQ4	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 10:06:07	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	64275	64838	67120	65411	2.30	cps
Krypton	83-1	2027	2010	2080	2039	1.79	cps
Lead	206-1	7691	8208	8781	8227	6.63	cps
Lead	207-1	6352	6752	7174	6759	6.09	cps
Lead	208-1	29157	31482	32716	31118	5.81	cps
Lithium	6-1	2058520	2058081	2051549	2056050	0.19	cps
Magnesium	24-2	2931499	2953413	2955294	2946735	0.45	cps
Manganese	55-2	1221596	1236200	1230468	1229421	0.60	cps
Molybdenum	94-1	9420	9770	9653	9615	1.85	cps
Molybdenum	95-1	14675	15325	15058	15019	2.18	cps
Molybdenum	96-1	16326	17269	15751	16449	4.66	cps
Molybdenum	97-1	9270	9879	9787	9645	3.40	cps
Molybdenum	98-1	24597	24855	24229	24560	1.28	cps
Neodymium	150-1	2774	3094	2974	2947	5.49	cps
Neodymium	150-2	1677	1733	1790	1733	3.27	cps
Nickel	60-2	1057	963	1000	1007	4.67	cps
Phosphorus	31-2	533	467	517	506	6.86	cps
Potassium	39-2	894328	896520	906753	899200	0.74	cps
Rhodium	103-1	6438315	6514705	6606652	6519891	1.29	cps
Rhodium	103-2	4223780	4228976	4259375	4237377	0.45	cps
Scandium	45-1	3870428	3913016	3950753	3911399	1.03	cps
Scandium	45-2	350520	354705	355967	353731	0.81	cps
Selenium	82-1	1	13	-96	-27	-220.71	cps
Selenium	77-2	13	10	7	10	33.30	cps
Selenium	78-2	183	161	167	170	6.79	cps
Silicon	28-1	44812586	45378292	45485262	45225380	0.80	cps
Silver	107-1	142	133	175	150	14.70	cps
Silver	109-1	192	167	167	175	8.25	cps
Sodium	23-2	9822994	9940262	9965406	9909554	0.77	cps
Strontium	86-1	236295	235840	240895	237677	1.18	cps
Strontium	88-1	2017799	2053385	2060024	2043736	1.11	cps
Sulfur	34-1	696710	693860	690924	693832	0.42	cps
Terbium	159-1	9955054	10150377	10182639	10096023	1.22	cps
Terbium	159-2	6580815	6583019	6494869	6552901	0.77	cps
Thallium	203-1	283	367	308	319	13.39	cps
Thallium	205-1	633	592	558	594	6.32	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-12	Instrumnet Name :	P7
Client Sample ID :	MA0AQ4	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 10:06:07	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	11628	12217	12195	12013	2.78	cps
Tin	118-1	3042	2759	2842	2881	5.06	cps
Titanium	47-1	6435	6835	7069	6780	4.73	cps
Uranium	238-1	2136909	2201341	2199577	2179276	1.68	cps
Vanadium	51-2	3317	3357	3244	3306	1.74	cps
Yttrium	89-1	10088558	10421216	10323323	10277699	1.66	cps
Yttrium	89-2	2551653	2551054	2573081	2558596	0.49	cps
Zinc	66-2	4281	3974	4001	4085	4.16	cps
Zirconium	90-1	2467	2550	2717	2578	4.94	cps
Zirconium	91-1	500	642	708	617	17.25	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-13	Instrumnet Name :	P7
Client Sample ID :	MA0AW8	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 10:09:15	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	750	850	742	781	7.72	cps
Antimony	121-1	425	333	350	369	13.22	cps
Arsenic	75-2	113	106	106	108	3.95	cps
Barium	135-1	50434	50266	50158	50286	0.28	cps
Barium	137-1	89127	93102	89361	90530	2.46	cps
Beryllium	9-1	111	172	150	144	21.42	cps
Bismuth	209-1	6358611	6466730	6471562	6432301	0.99	cps
Bismuth	209-2	4629853	4678730	4608764	4639116	0.77	cps
Boron	10-1	7794	8494	8594	8294	5.26	cps
Boron	11-1	39026	41023	41031	40360	2.86	cps
Bromine	81-1	57097	64921	71033	64350	10.86	cps
Bromine	81-2	13590	12378	14031	13333	6.42	cps
Cadmium	111-1	712	733	698	714	2.41	cps
Cadmium	106-1	3467	3634	3434	3512	3.05	cps
Cadmium	108-1	21	33	25	26	24.12	cps
Calcium	43-1	1066141	1065966	1068437	1066848	0.13	cps
Calcium	44-1	16449050	16373474	16548719	16457081	0.53	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3204	3380	3380	3322	3.07	cps
Cobalt	59-2	773	917	817	836	8.80	cps
Copper	63-2	83124	83376	81827	82776	1.00	cps
Dysprosium	156-1	233	200	150	194	21.57	cps
Dysprosium	156-2	110	113	113	112	1.72	cps
Erbium	164-1	217	300	317	278	19.29	cps
Erbium	164-2	210	213	200	208	3.34	cps
Gadolinium	160-1	208	158	183	183	13.64	cps
Gadolinium	160-2	213	170	183	189	11.75	cps
Holmium	165-1	9777782	10049522	9982359	9936554	1.42	cps
Holmium	165-2	6686111	6681491	6368467	6578690	2.77	cps
Indium	115-1	7167050	7182102	7174912	7174688	0.10	cps
Indium	115-2	2330811	2339002	2328171	2332661	0.24	cps
Iron	56-2	27125924	27643780	27258525	27342743	0.98	cps
Iron	57-2	687194	696377	680662	688077	1.15	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-13	Instrumnet Name :	P7
Client Sample ID :	MA0AW8	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 10:09:15	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1514604	1530106	1508921	1517877	0.72	cps
Krypton	83-1	1923	2007	2064	1998	3.53	cps
Lead	206-1	5835	6118	5929	5961	2.42	cps
Lead	207-1	5340	4784	4923	5016	5.77	cps
Lead	208-1	23614	22930	22675	23073	2.11	cps
Lithium	6-1	2035351	2074002	2059060	2056138	0.95	cps
Magnesium	24-2	2712350	2700504	2697483	2703446	0.29	cps
Manganese	55-2	581077	589870	581703	584217	0.84	cps
Molybdenum	94-1	3325	3325	3125	3259	3.54	cps
Molybdenum	95-1	4859	4851	4776	4829	0.95	cps
Molybdenum	96-1	5576	5718	5476	5590	2.17	cps
Molybdenum	97-1	3067	3175	3200	3148	2.25	cps
Molybdenum	98-1	8136	7911	8795	8280	5.55	cps
Neodymium	150-1	240	307	213	253	18.98	cps
Neodymium	150-2	103	143	110	119	18.03	cps
Nickel	60-2	913	960	873	916	4.74	cps
Phosphorus	31-2	392	442	442	425	6.79	cps
Potassium	39-2	923440	928938	914992	922456	0.76	cps
Rhodium	103-1	6456910	6572904	6455927	6495247	1.04	cps
Rhodium	103-2	4144725	4193758	4167182	4168555	0.59	cps
Scandium	45-1	3872525	3869790	3851176	3864497	0.30	cps
Scandium	45-2	348997	347408	347957	348120	0.23	cps
Selenium	82-1	-46	-54	-256	-118	-100.59	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	194	194	154	181	13.00	cps
Silicon	28-1	46865947	47251943	46577363	46898417	0.72	cps
Silver	107-1	850	1100	1000	983	12.80	cps
Silver	109-1	1000	917	1008	975	5.20	cps
Sodium	23-2	14885038	15001549	14760111	14882233	0.81	cps
Strontium	86-1	321504	326958	324776	324413	0.85	cps
Strontium	88-1	2754569	2785651	2784010	2774743	0.63	cps
Sulfur	34-1	615926	613417	607834	612392	0.68	cps
Terbium	159-1	9759909	9819300	10071682	9883631	1.67	cps
Terbium	159-2	6616063	6594136	6485781	6565327	1.06	cps
Thallium	203-1	217	242	225	228	5.59	cps
Thallium	205-1	625	525	642	597	10.57	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-13	Instrumnet Name :	P7
Client Sample ID :	MA0AW8	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 10:09:15	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	206	206	189	200	4.81	cps
Tin	118-1	1317	1225	1225	1256	4.21	cps
Titanium	47-1	892	783	725	800	10.57	cps
Uranium	238-1	1756458	1790868	1792604	1779977	1.15	cps
Vanadium	51-2	6128	5915	6065	6036	1.82	cps
Yttrium	89-1	10229945	10248301	10259941	10246062	0.15	cps
Yttrium	89-2	2508070	2541006	2531867	2526981	0.67	cps
Zinc	66-2	13556	13320	13483	13453	0.90	cps
Zirconium	90-1	850	975	775	867	11.66	cps
Zirconium	91-1	183	150	183	172	11.18	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-14	Instrumnet Name :	P7
Client Sample ID :	MA0AX6	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 10:12:24	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	408	375	342	375	8.89	cps
Antimony	121-1	217	183	217	206	9.36	cps
Arsenic	75-2	24	31	28	28	13.34	cps
Barium	135-1	13415	12689	13298	13134	2.97	cps
Barium	137-1	23512	22652	23963	23376	2.85	cps
Beryllium	9-1	122	172	233	176	31.63	cps
Bismuth	209-1	6234741	6299870	6329876	6288162	0.77	cps
Bismuth	209-2	4543505	4625648	4598165	4589106	0.91	cps
Boron	10-1	8302	7894	8277	8158	2.81	cps
Boron	11-1	38591	39945	40755	39764	2.75	cps
Bromine	81-1	68311	75656	86274	76747	11.77	cps
Bromine	81-2	15384	15093	15274	15250	0.96	cps
Cadmium	111-1	771	714	703	729	5.01	cps
Cadmium	106-1	3926	3501	3442	3623	7.28	cps
Cadmium	108-1	50	33	33	39	24.75	cps
Calcium	43-1	2497896	2509315	2509712	2505641	0.27	cps
Calcium	44-1	38933681	38959250	38787849	38893593	0.24	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3457	3397	3587	3480	2.79	cps
Cobalt	59-2	207	180	187	191	7.26	cps
Copper	63-2	33779	33973	33675	33809	0.45	cps
Dysprosium	156-1	100	67	100	89	21.65	cps
Dysprosium	156-2	113	43	73	77	45.81	cps
Erbium	164-1	192	225	158	192	17.39	cps
Erbium	164-2	100	153	123	126	21.30	cps
Gadolinium	160-1	133	208	183	175	21.82	cps
Gadolinium	160-2	127	93	120	113	15.57	cps
Holmium	165-1	9834144	9845460	9882602	9854069	0.26	cps
Holmium	165-2	6648416	6608519	6652223	6636386	0.36	cps
Indium	115-1	7171953	7175459	7159143	7168852	0.12	cps
Indium	115-2	2327004	2349760	2354748	2343837	0.63	cps
Iron	56-2	40467	40155	37704	39442	3.84	cps
Iron	57-2	5357	5729	5940	5675	5.21	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-14	Instrumnet Name :	P7
Client Sample ID :	MA0AX6	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 10:12:24	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	3454	2823	2913	3063	11.14	cps
Krypton	83-1	1927	2023	1923	1958	2.90	cps
Lead	206-1	18074	18502	18691	18422	1.72	cps
Lead	207-1	15070	15682	15565	15439	2.10	cps
Lead	208-1	70630	72344	72611	71862	1.50	cps
Lithium	6-1	2032976	2032608	2037353	2034312	0.13	cps
Magnesium	24-2	5141477	5176356	5076106	5131313	0.99	cps
Manganese	55-2	663	660	600	641	5.56	cps
Molybdenum	94-1	3442	3425	3576	3481	2.36	cps
Molybdenum	95-1	4818	4984	5226	5009	4.10	cps
Molybdenum	96-1	5743	5743	5943	5810	1.99	cps
Molybdenum	97-1	3217	3200	3692	3370	8.29	cps
Molybdenum	98-1	8069	8494	8720	8428	3.92	cps
Neodymium	150-1	53	60	140	84	57.11	cps
Neodymium	150-2	43	63	30	46	36.83	cps
Nickel	60-2	573	533	587	564	4.92	cps
Phosphorus	31-2	342	567	342	417	31.18	cps
Potassium	39-2	2047829	2060253	2068684	2058922	0.51	cps
Rhodium	103-1	6362165	6471313	6385793	6406424	0.90	cps
Rhodium	103-2	4125611	4188509	4149300	4154473	0.76	cps
Scandium	45-1	3869006	3875499	3867322	3870609	0.11	cps
Scandium	45-2	352541	352429	353753	352907	0.21	cps
Selenium	82-1	-55	-105	7	-51	-109.64	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	170	183	185	180	4.50	cps
Silicon	28-1	41775630	41885319	41746049	41802333	0.18	cps
Silver	107-1	450	425	392	422	6.93	cps
Silver	109-1	375	450	392	406	9.71	cps
Sodium	23-2	39298844	39596558	39087155	39327519	0.65	cps
Strontium	86-1	886990	891001	887314	888435	0.25	cps
Strontium	88-1	7907713	7826676	7885376	7873255	0.53	cps
Sulfur	34-1	1238535	1243190	1244005	1241910	0.24	cps
Terbium	159-1	9975772	9973718	9902577	9950689	0.42	cps
Terbium	159-2	6514091	6517110	6555096	6528766	0.35	cps
Thallium	203-1	617	533	458	536	14.77	cps
Thallium	205-1	1283	1317	1133	1245	7.85	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-14	Instrumnet Name :	P7
Client Sample ID :	MA0AX6	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 10:12:24	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	150	144	100	131	20.84	cps
Tin	118-1	992	1367	1100	1153	16.74	cps
Titanium	47-1	625	592	583	600	3.67	cps
Uranium	238-1	387929	388807	386881	387872	0.25	cps
Vanadium	51-2	1597	1560	1500	1552	3.14	cps
Yttrium	89-1	10192304	10172366	10310738	10225136	0.73	cps
Yttrium	89-2	2522205	2562657	2550222	2545028	0.81	cps
Zinc	66-2	14204	14427	14020	14217	1.43	cps
Zirconium	90-1	775	675	825	758	10.07	cps
Zirconium	91-1	150	175	150	158	9.12	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-15	Instrumnet Name :	P7
Client Sample ID :	MA0AM8	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 10:15:33	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1333	1392	1400	1375	2.64	cps
Antimony	121-1	350	458	383	397	13.97	cps
Arsenic	75-2	37	46	33	39	17.18	cps
Barium	135-1	1358	1175	1175	1236	8.56	cps
Barium	137-1	2209	2125	2092	2142	2.81	cps
Beryllium	9-1	89	61	89	80	20.14	cps
Bismuth	209-1	6310708	6342103	6424300	6359037	0.92	cps
Bismuth	209-2	4642883	4623415	4615196	4627165	0.31	cps
Boron	10-1	5251	5193	5876	5440	6.97	cps
Boron	11-1	25647	27567	28252	27155	4.97	cps
Bromine	81-1	23428	21558	19188	21391	9.93	cps
Bromine	81-2	1902	1982	1772	1885	5.63	cps
Cadmium	111-1	705	716	717	713	0.96	cps
Cadmium	106-1	3551	3676	3526	3584	2.24	cps
Cadmium	108-1	38	63	25	42	45.83	cps
Calcium	43-1	4709	3784	2850	3781	24.58	cps
Calcium	44-1	95161	74167	62321	77217	21.54	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3240	3314	3467	3340	3.46	cps
Cobalt	59-2	100	63	113	92	28.08	cps
Copper	63-2	1683	1827	1773	1761	4.11	cps
Dysprosium	156-1	8	17	25	17	50.01	cps
Dysprosium	156-2	10	20	7	12	56.76	cps
Erbium	164-1	58	58	92	69	27.72	cps
Erbium	164-2	43	30	50	41	24.77	cps
Gadolinium	160-1	58	17	50	42	52.91	cps
Gadolinium	160-2	57	47	60	54	12.74	cps
Holmium	165-1	9651483	9561760	9819561	9677601	1.35	cps
Holmium	165-2	6327399	6327540	6302054	6318998	0.23	cps
Indium	115-1	7100150	7072095	7155529	7109258	0.60	cps
Indium	115-2	2306114	2313168	2334820	2318034	0.65	cps
Iron	56-2	30332	30704	29947	30328	1.25	cps
Iron	57-2	717	744	744	735	2.18	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-15	Instrumnet Name :	P7
Client Sample ID :	MA0AM8	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 10:15:33	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	2873	2643	2663	2726	4.68	cps
Krypton	83-1	1977	1950	2080	2002	3.43	cps
Lead	206-1	1689	1467	1567	1574	7.07	cps
Lead	207-1	1250	1328	1489	1356	8.99	cps
Lead	208-1	6617	6184	6228	6343	3.76	cps
Lithium	6-1	2003714	2009382	2035315	2016137	0.84	cps
Magnesium	24-2	3325	3109	2975	3137	5.63	cps
Manganese	55-2	1307	1247	1393	1316	5.61	cps
Molybdenum	94-1	300	242	250	264	11.96	cps
Molybdenum	95-1	108	92	58	86	29.57	cps
Molybdenum	96-1	150	75	83	103	40.00	cps
Molybdenum	97-1	33	67	42	47	36.74	cps
Molybdenum	98-1	150	92	100	114	27.70	cps
Neodymium	150-1	13	13	27	18	43.33	cps
Neodymium	150-2	13	3	7	8	65.47	cps
Nickel	60-2	450	423	380	418	8.46	cps
Phosphorus	31-2	483	525	392	467	14.62	cps
Potassium	39-2	74177	72937	71555	72890	1.80	cps
Rhodium	103-1	6441441	6446152	6444188	6443927	0.04	cps
Rhodium	103-2	4171260	4195446	4232475	4199727	0.73	cps
Scandium	45-1	3772198	3760723	3787611	3773511	0.36	cps
Scandium	45-2	345772	350467	344618	346953	0.89	cps
Selenium	82-1	-62	65	-125	-41	-238.44	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	154	170	178	167	7.37	cps
Silicon	28-1	17817949	18127147	18401683	18115593	1.61	cps
Silver	107-1	183	83	133	133	37.50	cps
Silver	109-1	58	50	58	56	8.66	cps
Sodium	23-2	114845	110545	110209	111867	2.31	cps
Strontium	86-1	5176	4876	4292	4781	9.40	cps
Strontium	88-1	19005	13732	11480	14739	26.20	cps
Sulfur	34-1	478382	477042	473013	476146	0.59	cps
Terbium	159-1	9635192	9731395	9814846	9727145	0.92	cps
Terbium	159-2	6154740	6220866	6349426	6241677	1.59	cps
Thallium	203-1	267	283	192	247	19.75	cps
Thallium	205-1	442	450	483	458	4.81	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-15	Instrumnet Name :	P7
Client Sample ID :	MA0AM8	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 10:15:33	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	111	161	94	122	28.39	cps
Tin	118-1	1108	1242	1142	1164	5.96	cps
Titanium	47-1	383	550	425	453	19.16	cps
Uranium	238-1	1000	725	425	717	40.13	cps
Vanadium	51-2	63	57	40	53	22.53	cps
Yttrium	89-1	9948034	10001130	9995555	9981573	0.29	cps
Yttrium	89-2	2469034	2465868	2491389	2475430	0.56	cps
Zinc	66-2	1587	1623	1550	1587	2.31	cps
Zirconium	90-1	567	600	517	561	7.48	cps
Zirconium	91-1	167	100	133	133	25.00	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-16	Instrumnet Name :	P7
Client Sample ID :	MA0AS0	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 10:18:40	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	111480	111110	112578	111723	0.68	cps
Antimony	121-1	2759	2675	2417	2617	6.81	cps
Arsenic	75-2	2424	2372	2391	2396	1.10	cps
Barium	135-1	18846	17854	18321	18340	2.71	cps
Barium	137-1	33282	32881	33499	33221	0.94	cps
Beryllium	9-1	272	300	289	287	4.87	cps
Bismuth	209-1	6372929	6437276	6519660	6443289	1.14	cps
Bismuth	209-2	4579096	4620317	4649852	4616422	0.77	cps
Boron	10-1	8686	8152	9303	8714	6.61	cps
Boron	11-1	42936	44633	44792	44120	2.33	cps
Bromine	81-1	29272	34341	36840	33484	11.52	cps
Bromine	81-2	6027	5857	6468	6118	5.15	cps
Cadmium	111-1	764	763	682	736	6.41	cps
Cadmium	106-1	3684	3517	3467	3556	3.19	cps
Cadmium	108-1	92	58	100	83	26.46	cps
Calcium	43-1	756588	763977	764541	761702	0.58	cps
Calcium	44-1	11739460	11587430	11719731	11682207	0.71	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	24270	24364	24163	24266	0.41	cps
Cobalt	59-2	827	693	793	771	9.00	cps
Copper	63-2	3257	3230	3337	3275	1.70	cps
Dysprosium	156-1	3434	3275	3242	3317	3.09	cps
Dysprosium	156-2	1757	1740	1900	1799	4.89	cps
Erbium	164-1	2409	2184	2200	2264	5.54	cps
Erbium	164-2	1420	1433	1547	1467	4.75	cps
Gadolinium	160-1	2459	2550	2459	2489	2.13	cps
Gadolinium	160-2	1720	1837	1677	1745	4.74	cps
Holmium	165-1	9797467	9978699	9865522	9880562	0.93	cps
Holmium	165-2	6327038	6653151	6368933	6449707	2.75	cps
Indium	115-1	7084653	7231762	7187760	7168058	1.05	cps
Indium	115-2	2309550	2319445	2344588	2324528	0.78	cps
Iron	56-2	1081027	1099776	1093465	1091423	0.87	cps
Iron	57-2	28795	28344	28455	28532	0.82	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-16	Instrumnet Name :	P7
Client Sample ID :	MA0AS0	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 10:18:40	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	61742	62666	61389	61932	1.06	cps
Krypton	83-1	1970	1923	2174	2022	6.57	cps
Lead	206-1	12328	12462	12000	12263	1.94	cps
Lead	207-1	9604	10415	10121	10047	4.09	cps
Lead	208-1	46388	47327	47167	46961	1.07	cps
Lithium	6-1	2010698	2030591	2025677	2022322	0.51	cps
Magnesium	24-2	852066	868768	876175	865670	1.43	cps
Manganese	55-2	16129	15899	15985	16004	0.73	cps
Molybdenum	94-1	70507	71085	71110	70901	0.48	cps
Molybdenum	95-1	116406	118236	119279	117974	1.23	cps
Molybdenum	96-1	127591	128851	129332	128591	0.70	cps
Molybdenum	97-1	73078	74687	72685	73483	1.44	cps
Molybdenum	98-1	192398	192027	191918	192114	0.13	cps
Neodymium	150-1	5748	5628	5721	5699	1.11	cps
Neodymium	150-2	3157	3417	3194	3256	4.32	cps
Nickel	60-2	1140	1213	1143	1166	3.55	cps
Phosphorus	31-2	1959	1859	1950	1922	2.89	cps
Potassium	39-2	890379	890274	905314	895322	0.97	cps
Rhodium	103-1	6428168	6469124	6442326	6446539	0.32	cps
Rhodium	103-2	4164030	4168739	4186931	4173234	0.29	cps
Scandium	45-1	3829384	3829159	3884833	3847792	0.83	cps
Scandium	45-2	346710	346540	354054	349101	1.23	cps
Selenium	82-1	-97	-42	-82	-74	-38.28	cps
Selenium	77-2	10	13	10	11	17.30	cps
Selenium	78-2	165	165	194	175	9.79	cps
Silicon	28-1	64996429	64852062	64796004	64881498	0.16	cps
Silver	107-1	167	150	158	158	5.26	cps
Silver	109-1	67	100	142	103	36.56	cps
Sodium	23-2	11384308	11536930	11486448	11469229	0.68	cps
Strontium	86-1	228674	231268	229919	229954	0.56	cps
Strontium	88-1	1965215	1978001	1986921	1976712	0.55	cps
Sulfur	34-1	698037	696352	696020	696803	0.16	cps
Terbium	159-1	10014078	9900211	9980501	9964930	0.59	cps
Terbium	159-2	6457756	6536495	6580776	6525009	0.95	cps
Thallium	203-1	167	200	350	239	40.88	cps
Thallium	205-1	542	683	558	594	13.03	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-16	Instrumnet Name :	P7
Client Sample ID :	MA0AS0	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 10:18:40	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	76935	79907	78808	78550	1.91	cps
Tin	118-1	2650	2784	2709	2714	2.46	cps
Titanium	47-1	6627	6668	6593	6629	0.57	cps
Uranium	238-1	1205837	1214846	1223671	1214785	0.73	cps
Vanadium	51-2	16576	16279	16513	16456	0.95	cps
Yttrium	89-1	10130715	10200813	10278215	10203248	0.72	cps
Yttrium	89-2	2501417	2494788	2531573	2509259	0.78	cps
Zinc	66-2	4201	4104	4151	4152	1.16	cps
Zirconium	90-1	10738	10913	11397	11016	3.10	cps
Zirconium	91-1	2775	2509	2150	2478	12.66	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-17	Instrumnet Name :	P7
Client Sample ID :	MA0AS0D	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 10:21:47	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	118902	118991	117634	118509	0.64	cps
Antimony	121-1	2509	2434	2550	2498	2.37	cps
Arsenic	75-2	2363	2398	2311	2358	1.86	cps
Barium	135-1	19080	18671	19314	19022	1.71	cps
Barium	137-1	32940	33399	33432	33257	0.83	cps
Beryllium	9-1	261	283	317	287	9.74	cps
Bismuth	209-1	6321971	6406262	6416896	6381710	0.81	cps
Bismuth	209-2	4640829	4609780	4620133	4623581	0.34	cps
Boron	10-1	4884	5051	5126	5020	2.46	cps
Boron	11-1	24470	23769	25572	24604	3.69	cps
Bromine	81-1	28854	32353	34225	31811	8.57	cps
Bromine	81-2	5847	5367	5607	5607	4.29	cps
Cadmium	111-1	801	708	648	719	10.68	cps
Cadmium	106-1	3834	3576	3234	3548	8.49	cps
Cadmium	108-1	71	75	88	78	11.15	cps
Calcium	43-1	787880	780562	789166	785869	0.59	cps
Calcium	44-1	12059073	12118086	12149722	12108961	0.38	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	25525	25519	25041	25362	1.09	cps
Cobalt	59-2	657	580	657	631	7.01	cps
Copper	63-2	3174	3204	3207	3195	0.57	cps
Dysprosium	156-1	3084	3092	3025	3067	1.18	cps
Dysprosium	156-2	1600	1687	1620	1636	2.77	cps
Erbium	164-1	2225	2017	1984	2075	6.31	cps
Erbium	164-2	1383	1363	1423	1390	2.20	cps
Gadolinium	160-1	2217	2134	2284	2211	3.40	cps
Gadolinium	160-2	1693	1557	1540	1597	5.27	cps
Holmium	165-1	9923363	9782318	9948241	9884640	0.91	cps
Holmium	165-2	6333250	6356118	6389158	6359509	0.44	cps
Indium	115-1	7063131	7098324	7107530	7089662	0.33	cps
Indium	115-2	2330854	2328821	2325078	2328251	0.13	cps
Iron	56-2	1110789	1096595	1092390	1099925	0.88	cps
Iron	57-2	29357	28734	29073	29055	1.07	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-17	Instrumnet Name :	P7
Client Sample ID :	MA0AS0D	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 10:21:47	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	62124	62024	61038	61729	0.97	cps
Krypton	83-1	2013	2004	2047	2021	1.12	cps
Lead	206-1	10304	10738	10471	10504	2.08	cps
Lead	207-1	8458	8620	8937	8672	2.81	cps
Lead	208-1	40108	40847	41432	40795	1.63	cps
Lithium	6-1	1991785	1994968	1999052	1995268	0.18	cps
Magnesium	24-2	910036	905505	903659	906400	0.36	cps
Manganese	55-2	16026	15979	15772	15925	0.85	cps
Molybdenum	94-1	73815	77149	75147	75370	2.23	cps
Molybdenum	95-1	122756	124228	122757	123247	0.69	cps
Molybdenum	96-1	131577	133401	134545	133174	1.12	cps
Molybdenum	97-1	75792	78004	77175	76990	1.45	cps
Molybdenum	98-1	199004	201690	199006	199900	0.78	cps
Neodymium	150-1	5148	5174	5181	5168	0.34	cps
Neodymium	150-2	3124	3087	2770	2994	6.49	cps
Nickel	60-2	1027	1133	1123	1094	5.38	cps
Phosphorus	31-2	1792	1675	1742	1736	3.37	cps
Potassium	39-2	926496	929568	927467	927844	0.17	cps
Rhodium	103-1	6459127	6419836	6532702	6470555	0.89	cps
Rhodium	103-2	4231651	4166325	4183604	4193860	0.81	cps
Scandium	45-1	3798447	3801654	3841683	3813928	0.63	cps
Scandium	45-2	348657	347378	351607	349214	0.62	cps
Selenium	82-1	48	-6	-107	-22	-361.45	cps
Selenium	77-2	20	17	10	16	32.73	cps
Selenium	78-2	180	196	191	189	4.49	cps
Silicon	28-1	55353087	55345724	55672335	55457048	0.34	cps
Silver	107-1	108	50	83	81	36.33	cps
Silver	109-1	42	108	92	81	43.07	cps
Sodium	23-2	11745395	11681554	11549436	11658795	0.86	cps
Strontium	86-1	235350	237516	235408	236091	0.52	cps
Strontium	88-1	2007314	2015392	2024279	2015662	0.42	cps
Sulfur	34-1	696426	700086	692355	696289	0.56	cps
Terbium	159-1	9961267	9806851	9799303	9855807	0.93	cps
Terbium	159-2	6516606	6530890	6541048	6529515	0.19	cps
Thallium	203-1	233	308	275	272	13.81	cps
Thallium	205-1	633	650	458	581	18.29	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-17	Instrumnet Name :	P7
Client Sample ID :	MA0AS0D	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 10:21:47	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	73013	76276	74952	74747	2.20	cps
Tin	118-1	2350	2484	2609	2481	5.21	cps
Titanium	47-1	6585	6702	6427	6571	2.10	cps
Uranium	238-1	1231398	1253599	1258554	1247850	1.16	cps
Vanadium	51-2	17233	16700	16583	16839	2.06	cps
Yttrium	89-1	10066403	10200601	10195955	10154320	0.75	cps
Yttrium	89-2	2532070	2505627	2496192	2511296	0.74	cps
Zinc	66-2	5421	5374	5628	5474	2.46	cps
Zirconium	90-1	13448	13073	13490	13337	1.72	cps
Zirconium	91-1	3092	3250	3209	3184	2.58	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-16LX5	Instrumnet Name :	P7
Client Sample ID :	MA0AS0L	Dilution Factor :	5
Date & Time Acquired ::	2021-05-21 10:24:55	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23260	22509	24062	23277	3.34	cps
Antimony	121-1	642	567	567	592	7.32	cps
Arsenic	75-2	535	533	437	502	11.19	cps
Barium	135-1	4009	3776	3767	3851	3.56	cps
Barium	137-1	6877	5951	7077	6635	9.05	cps
Beryllium	9-1	150	106	128	128	17.39	cps
Bismuth	209-1	6618588	6588062	6596599	6601083	0.24	cps
Bismuth	209-2	4752873	4749450	4704265	4735529	0.57	cps
Boron	10-1	2284	2234	2292	2270	1.39	cps
Boron	11-1	10404	10370	10546	10440	0.89	cps
Bromine	81-1	17561	17377	17344	17428	0.67	cps
Bromine	81-2	1832	1982	1992	1935	4.64	cps
Cadmium	111-1	733	691	760	728	4.73	cps
Cadmium	106-1	3651	3501	3742	3631	3.36	cps
Cadmium	108-1	38	54	38	43	22.35	cps
Calcium	43-1	153279	154271	155577	154376	0.75	cps
Calcium	44-1	2465577	2484182	2459464	2469741	0.52	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5935	6381	6068	6128	3.74	cps
Cobalt	59-2	193	180	173	182	5.59	cps
Copper	63-2	1600	1460	1670	1577	6.78	cps
Dysprosium	156-1	667	708	800	725	9.41	cps
Dysprosium	156-2	357	313	410	360	13.45	cps
Erbium	164-1	558	617	575	583	5.15	cps
Erbium	164-2	293	350	307	317	9.36	cps
Gadolinium	160-1	675	617	542	611	10.94	cps
Gadolinium	160-2	367	403	453	408	10.67	cps
Holmium	165-1	10237422	9993930	9992672	10074675	1.40	cps
Holmium	165-2	6757299	6684058	6561127	6667495	1.49	cps
Indium	115-1	7410600	7367057	7298131	7358596	0.77	cps
Indium	115-2	2381736	2376504	2377934	2378724	0.11	cps
Iron	56-2	228137	227690	225926	227251	0.51	cps
Iron	57-2	5746	5412	5862	5673	4.12	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-16LX5	Instrumnet Name :	P7
Client Sample ID :	MA0AS0L	Dilution Factor :	5
Date & Time Acquired ::	2021-05-21 10:24:55	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	14211	13580	13270	13687	3.51	cps
Krypton	83-1	1963	2010	2214	2062	6.45	cps
Lead	206-1	3228	3228	3178	3212	0.90	cps
Lead	207-1	2628	2756	2667	2684	2.44	cps
Lead	208-1	12558	12630	12447	12545	0.74	cps
Lithium	6-1	2060709	2049608	2031904	2047407	0.71	cps
Magnesium	24-2	177160	176307	174918	176128	0.64	cps
Manganese	55-2	3257	3230	3467	3318	3.91	cps
Molybdenum	94-1	14132	14950	14691	14591	2.86	cps
Molybdenum	95-1	23587	23303	23996	23628	1.47	cps
Molybdenum	96-1	25623	25824	25816	25754	0.44	cps
Molybdenum	97-1	14725	14725	14808	14752	0.33	cps
Molybdenum	98-1	40433	38569	39255	39419	2.39	cps
Neodymium	150-1	1107	1220	1033	1120	8.40	cps
Neodymium	150-2	587	627	707	640	9.55	cps
Nickel	60-2	423	487	480	463	7.51	cps
Phosphorus	31-2	625	625	617	622	0.77	cps
Potassium	39-2	237369	233905	235212	235495	0.74	cps
Rhodium	103-1	6726577	6658991	6584578	6656715	1.07	cps
Rhodium	103-2	4264437	4309390	4284706	4286177	0.53	cps
Scandium	45-1	3938106	3929027	3918403	3928512	0.25	cps
Scandium	45-2	359932	352490	355271	355898	1.06	cps
Selenium	82-1	-38	-7	-194	-80	-125.16	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	135	167	196	166	18.40	cps
Silicon	28-1	13348063	13204356	13245478	13265966	0.56	cps
Silver	107-1	75	50	83	69	24.98	cps
Silver	109-1	25	42	58	42	40.00	cps
Sodium	23-2	2350939	2341329	2311438	2334569	0.88	cps
Strontium	86-1	47512	48357	49134	48334	1.68	cps
Strontium	88-1	397087	396449	400790	398109	0.59	cps
Sulfur	34-1	527346	524618	522037	524667	0.51	cps
Terbium	159-1	10273224	10093920	10113687	10160277	0.97	cps
Terbium	159-2	6613138	6581641	6513533	6569437	0.77	cps
Thallium	203-1	192	233	200	208	10.58	cps
Thallium	205-1	483	508	575	522	9.07	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-16LX5	Instrumnet Name :	P7
Client Sample ID :	MA0AS0L	Dilution Factor :	5
Date & Time Acquired ::	2021-05-21 10:24:55	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	15420	15515	15687	15541	0.87	cps
Tin	118-1	925	1033	1075	1011	7.66	cps
Titanium	47-1	1225	1417	1317	1320	7.27	cps
Uranium	238-1	244013	244623	247110	245249	0.67	cps
Vanadium	51-2	3254	3310	3227	3264	1.30	cps
Yttrium	89-1	10537841	10312172	10266755	10372256	1.40	cps
Yttrium	89-2	2549490	2564299	2566843	2560211	0.37	cps
Zinc	66-2	1287	1340	1343	1323	2.40	cps
Zirconium	90-1	2542	2625	2534	2567	1.98	cps
Zirconium	91-1	533	617	600	583	7.56	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	CCV02	Instrumnet Name :	P7
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 10:29:43	DataFile Name :	046CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6865137	6897500	6933926	6898854	0.50	cps
Antimony	121-1	3783331	3799790	3801039	3794720	0.26	cps
Arsenic	75-2	173612	174499	175549	174553	0.56	cps
Barium	135-1	3889637	3934841	3894402	3906293	0.64	cps
Barium	137-1	7160781	7075370	7055173	7097108	0.79	cps
Beryllium	9-1	579778	581000	580667	580482	0.11	cps
Bismuth	209-1	6120732	6119917	6149970	6130206	0.28	cps
Bismuth	209-2	4389410	4370124	4444847	4401461	0.88	cps
Boron	10-1	69652	71033	72205	70963	1.80	cps
Boron	11-1	333961	342937	349767	342222	2.32	cps
Bromine	81-1	7802	7661	7877	7780	1.41	cps
Bromine	81-2	410	370	400	394	5.29	cps
Cadmium	111-1	905761	912928	904111	907600	0.52	cps
Cadmium	106-1	104449	105087	105767	105101	0.63	cps
Cadmium	108-1	71884	72107	71872	71954	0.18	cps
Calcium	43-1	4429710	4470550	4448761	4449674	0.46	cps
Calcium	44-1	68477029	69529494	69660143	69222222	0.94	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1518300	1531027	1537224	1528850	0.63	cps
Cobalt	59-2	2331852	2342020	2361743	2345205	0.65	cps
Copper	63-2	16465383	16352964	16306198	16374848	0.50	cps
Dysprosium	156-1	1183	867	1050	1033	15.39	cps
Dysprosium	156-2	803	760	783	782	2.77	cps
Erbium	164-1	200	267	167	211	24.12	cps
Erbium	164-2	163	147	150	153	5.75	cps
Gadolinium	160-1	1058	1175	1308	1181	10.60	cps
Gadolinium	160-2	857	790	817	821	4.09	cps
Holmium	165-1	9978241	9855819	9921510	9918523	0.62	cps
Holmium	165-2	6335796	6433413	6690732	6486647	2.83	cps
Indium	115-1	6923550	7059273	6907701	6963508	1.20	cps
Indium	115-2	2279971	2291177	2296215	2289121	0.36	cps
Iron	56-2	338122752	340142385	345146074	341137071	1.06	cps
Iron	57-2	8388659	8579730	8548744	8505711	1.21	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	CCV02	Instrumnet Name :	P7
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 10:29:43	DataFile Name :	046CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	18300036	18995265	18837805	18711035	1.95	cps
Krypton	83-1	2157	1937	1937	2010	6.32	cps
Lead	206-1	15000011	15262031	15141740	15134594	0.87	cps
Lead	207-1	13781506	13982991	13957995	13907497	0.79	cps
Lead	208-1	62062273	62079450	61824107	61988610	0.23	cps
Lithium	6-1	1993896	1992242	1999144	1995094	0.18	cps
Magnesium	24-2	74245491	75609645	75846910	75234016	1.15	cps
Manganese	55-2	10393053	10523617	10683432	10533367	1.38	cps
Molybdenum	94-1	6814281	6752137	6731404	6765941	0.64	cps
Molybdenum	95-1	8368888	8446713	8411346	8408982	0.46	cps
Molybdenum	96-1	9354901	9347951	9313378	9338743	0.24	cps
Molybdenum	97-1	5116698	5108360	5121772	5115610	0.13	cps
Molybdenum	98-1	13548302	13590625	13391307	13510078	0.78	cps
Neodymium	150-1	233	233	187	218	12.37	cps
Neodymium	150-2	47	23	50	40	36.33	cps
Nickel	60-2	601987	597180	603798	600988	0.57	cps
Phosphorus	31-2	71128	69068	68758	69651	1.85	cps
Potassium	39-2	34296659	34630180	34990593	34639144	1.00	cps
Rhodium	103-1	6278711	6234785	6258205	6257233	0.35	cps
Rhodium	103-2	4029078	4055481	4026685	4037081	0.40	cps
Scandium	45-1	3906569	3903617	3862036	3890741	0.64	cps
Scandium	45-2	352873	356970	358700	356181	0.84	cps
Selenium	82-1	48318	49148	47949	48472	1.27	cps
Selenium	77-2	4531	4611	4684	4609	1.66	cps
Selenium	78-2	15314	15466	15944	15574	2.11	cps
Silicon	28-1	2314742	2396526	2458014	2389761	3.01	cps
Silver	107-1	4390049	4446059	4435424	4423844	0.67	cps
Silver	109-1	4270273	4283189	4288389	4280617	0.22	cps
Sodium	23-2	123965103	124387978	125305032	124552704	0.55	cps
Strontium	86-1	10160164	10059106	10151540	10123603	0.55	cps
Strontium	88-1	88476002	89093656	88487364	88685674	0.40	cps
Sulfur	34-1	756088	756893	755855	756278	0.07	cps
Terbium	159-1	9958007	10083756	9794584	9945449	1.46	cps
Terbium	159-2	6468517	6277236	6569376	6438376	2.30	cps
Thallium	203-1	3560684	3622465	3616021	3599723	0.94	cps
Thallium	205-1	8968323	8881617	8914483	8921474	0.49	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	CCV02	Instrumnet Name :	P7
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 10:29:43	DataFile Name :	046CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	13507997	13318776	13407607	13411460	0.71	cps
Tin	118-1	2741568	2753101	2736045	2743571	0.32	cps
Titanium	47-1	2040946	2026765	2022401	2030037	0.48	cps
Uranium	238-1	12536422	12699172	12825394	12686996	1.14	cps
Vanadium	51-2	1282515	1293423	1302365	1292768	0.77	cps
Yttrium	89-1	10430117	10297387	10228608	10318704	0.99	cps
Yttrium	89-2	2545453	2560721	2558839	2555004	0.33	cps
Zinc	66-2	2670562	2678223	2721585	2690124	1.02	cps
Zirconium	90-1	5276891	5247509	5363576	5295992	1.14	cps
Zirconium	91-1	1170946	1188853	1171762	1177187	0.86	cps

LB Number : LB114597 Operator : JASWAL
 Lab Sample ID : CCB02 Instrumnet Name : P7
 Client Sample ID : CCB02 Dilution Factor : 1
 Date & Time Acquired :: 2021-05-21 10:36:05 DataFile Name : 047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	450	375	475	433	12.01	cps
Antimony	121-1	700	725	667	697	4.20	cps
Arsenic	75-2	22	22	31	25	21.13	cps
Barium	135-1	208	167	175	183	12.03	cps
Barium	137-1	417	350	308	358	15.25	cps
Beryllium	9-1	150	117	78	115	31.48	cps
Bismuth	209-1	6520044	6537358	6542106	6533169	0.18	cps
Bismuth	209-2	4738756	4730520	4727172	4732149	0.13	cps
Boron	10-1	867	858	983	903	7.74	cps
Boron	11-1	4259	3967	4126	4117	3.55	cps
Bromine	81-1	5618	5610	5868	5698	2.58	cps
Bromine	81-2	180	180	190	184	3.15	cps
Cadmium	111-1	718	733	776	742	4.07	cps
Cadmium	106-1	3651	3584	3817	3684	3.26	cps
Cadmium	108-1	83	96	83	87	8.25	cps
Calcium	43-1	425	383	433	414	6.47	cps
Calcium	44-1	15766	14949	15842	15519	3.19	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1430	1583	1437	1483	5.84	cps
Cobalt	59-2	213	173	233	207	14.78	cps
Copper	63-2	2044	1810	2040	1965	6.81	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	92	83	42	72	37.09	cps
Erbium	164-2	33	73	43	50	41.64	cps
Gadolinium	160-1	92	33	42	56	56.79	cps
Gadolinium	160-2	60	63	60	61	3.15	cps
Holmium	165-1	10039033	10064795	10133837	10079222	0.49	cps
Holmium	165-2	6702314	6736473	6636772	6691853	0.76	cps
Indium	115-1	7430332	7359465	7438094	7409297	0.58	cps
Indium	115-2	2384397	2392422	2384614	2387144	0.19	cps
Iron	56-2	26596	26057	26424	26359	1.05	cps
Iron	57-2	578	606	644	609	5.50	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	CCB02	Instrumnet Name :	P7
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 10:36:05	DataFile Name :	047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	2403	2473	2363	2413	2.31	cps
Krypton	83-1	2100	1980	1920	2000	4.58	cps
Lead	206-1	2806	2534	2945	2761	7.57	cps
Lead	207-1	2345	2361	2384	2363	0.83	cps
Lead	208-1	10902	10552	11119	10858	2.63	cps
Lithium	6-1	2057456	2046509	2037476	2047147	0.49	cps
Magnesium	24-2	4409	4517	4934	4620	6.00	cps
Manganese	55-2	770	713	697	727	5.29	cps
Molybdenum	94-1	750	758	775	761	1.67	cps
Molybdenum	95-1	533	508	617	553	10.26	cps
Molybdenum	96-1	858	658	617	711	18.17	cps
Molybdenum	97-1	375	292	300	322	14.24	cps
Molybdenum	98-1	1117	733	825	892	22.45	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	187	133	133	151	20.38	cps
Phosphorus	31-2	350	408	375	378	7.75	cps
Potassium	39-2	70643	70903	70533	70693	0.27	cps
Rhodium	103-1	6757435	6812226	6641284	6736981	1.30	cps
Rhodium	103-2	4341096	4299728	4284335	4308386	0.68	cps
Scandium	45-1	3944775	3918173	3910528	3924492	0.46	cps
Scandium	45-2	354079	357645	354649	355458	0.54	cps
Selenium	82-1	-42	-21	-26	-30	-35.84	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	156	161	198	172	13.49	cps
Silicon	28-1	368018	375474	372384	371959	1.01	cps
Silver	107-1	575	392	458	475	19.54	cps
Silver	109-1	383	350	425	386	9.73	cps
Sodium	23-2	58338	57393	59795	58509	2.07	cps
Strontium	86-1	3734	3242	3742	3573	8.02	cps
Strontium	88-1	4859	4317	4276	4484	7.26	cps
Sulfur	34-1	476362	481588	492078	483342	1.66	cps
Terbium	159-1	9941445	10041602	10123535	10035527	0.91	cps
Terbium	159-2	6497552	6591743	6540713	6543336	0.72	cps
Thallium	203-1	625	667	583	625	6.67	cps
Thallium	205-1	1700	1717	1809	1742	3.35	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	CCB02	Instrumnet Name :	P7
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 10:36:05	DataFile Name :	047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	1111	1017	1122	1083	5.35	cps
Tin	118-1	625	617	742	661	10.57	cps
Titanium	47-1	158	150	167	158	5.26	cps
Uranium	238-1	625	625	558	603	6.39	cps
Vanadium	51-2	60	77	70	69	12.18	cps
Yttrium	89-1	10515654	10361176	10296620	10391150	1.08	cps
Yttrium	89-2	2567211	2573979	2569793	2570328	0.13	cps
Zinc	66-2	550	513	547	537	3.78	cps
Zirconium	90-1	975	858	942	925	6.50	cps
Zirconium	91-1	233	100	200	178	39.03	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-04	Instrumnet Name :	P7
Client Sample ID :	MA0AY1	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 10:43:08	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4154234	4144727	4215090	4171351	0.92	cps
Antimony	121-1	1072070	1089545	1076064	1079226	0.85	cps
Arsenic	75-2	12118	11586	12081	11928	2.49	cps
Barium	135-1	840656	853084	848486	847408	0.74	cps
Barium	137-1	1508280	1511993	1503298	1507857	0.29	cps
Beryllium	9-1	30381	30459	29852	30230	1.09	cps
Bismuth	209-1	6607222	6657750	6574918	6613297	0.63	cps
Bismuth	209-2	4823149	4839590	4836027	4832922	0.18	cps
Boron	10-1	600	533	542	558	6.51	cps
Boron	11-1	2775	2759	2584	2706	3.93	cps
Bromine	81-1	5985	5710	5751	5815	2.55	cps
Bromine	81-2	140	160	250	184	31.96	cps
Cadmium	111-1	131776	134897	131990	132888	1.31	cps
Cadmium	106-1	15984	15759	15209	15651	2.55	cps
Cadmium	108-1	9132	8920	9157	9070	1.44	cps
Calcium	43-1	152687	152706	151795	152396	0.34	cps
Calcium	44-1	2435866	2424962	2427234	2429354	0.24	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	842013	842747	842576	842446	0.05	cps
Cobalt	59-2	3127501	3108606	3110015	3115374	0.34	cps
Copper	63-2	2677392	2671343	2674183	2674306	0.11	cps
Dysprosium	156-1	33	25	8	22	57.29	cps
Dysprosium	156-2	10	7	10	9	21.63	cps
Erbium	164-1	33	25	142	67	97.63	cps
Erbium	164-2	53	47	40	47	14.28	cps
Gadolinium	160-1	50	8	67	42	72.12	cps
Gadolinium	160-2	73	50	47	57	25.64	cps
Holmium	165-1	10096203	10374733	10099533	10190156	1.57	cps
Holmium	165-2	6895232	6980028	6812450	6895903	1.22	cps
Indium	115-1	7530620	7473523	7438040	7480728	0.62	cps
Indium	115-2	2437700	2469450	2472656	2459935	0.79	cps
Iron	56-2	206786605	210574205	210367010	209242607	1.02	cps
Iron	57-2	5088135	5120590	5153440	5120722	0.64	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-04	Instrumnet Name :	P7
Client Sample ID :	MA0AY1	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 10:43:08	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	11294852	11394658	11377725	11355745	0.47	cps
Krypton	83-1	2124	1933	2064	2040	4.76	cps
Lead	206-1	643860	648873	644833	645855	0.41	cps
Lead	207-1	540817	553047	546316	546727	1.12	cps
Lead	208-1	2517731	2550043	2526460	2531411	0.66	cps
Lithium	6-1	2051394	2062432	2048628	2054151	0.36	cps
Magnesium	24-2	2641128	2668799	2663304	2657744	0.55	cps
Manganese	55-2	146995	147992	146268	147085	0.59	cps
Molybdenum	94-1	1842	1625	1775	1747	6.35	cps
Molybdenum	95-1	2434	2492	2650	2525	4.44	cps
Molybdenum	96-1	3200	3117	3384	3234	4.22	cps
Molybdenum	97-1	1734	1700	1625	1686	3.29	cps
Molybdenum	98-1	4226	4126	4167	4173	1.20	cps
Neodymium	150-1	67	33	53	51	32.83	cps
Neodymium	150-2	23	7	7	12	78.69	cps
Nickel	60-2	281564	281394	280351	281103	0.23	cps
Phosphorus	31-2	525	400	450	458	13.73	cps
Potassium	39-2	2491130	2479282	2504275	2491562	0.50	cps
Rhodium	103-1	6801489	6777346	6768831	6782555	0.25	cps
Rhodium	103-2	4384030	4446023	4429635	4419896	0.73	cps
Scandium	45-1	4000813	4031931	4028777	4020507	0.43	cps
Scandium	45-2	369103	369766	370824	369898	0.23	cps
Selenium	82-1	9390	9579	9447	9472	1.02	cps
Selenium	77-2	930	947	857	911	5.26	cps
Selenium	78-2	3089	3200	3145	3145	1.77	cps
Silicon	28-1	382923	383296	382854	383024	0.06	cps
Silver	107-1	528413	535755	526590	530253	0.92	cps
Silver	109-1	507787	519395	515613	514265	1.15	cps
Sodium	23-2	4740520	4828061	4848431	4805670	1.19	cps
Strontium	86-1	8778	8369	9153	8767	4.47	cps
Strontium	88-1	51208	52822	53191	52407	2.01	cps
Sulfur	34-1	475354	462961	458631	465649	1.86	cps
Terbium	159-1	10130680	10334373	10375532	10280195	1.28	cps
Terbium	159-2	6798345	6818168	6757315	6791276	0.46	cps
Thallium	203-1	589145	606227	597152	597508	1.43	cps
Thallium	205-1	1443609	1430924	1441305	1438613	0.47	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-04	Instrumnet Name :	P7
Client Sample ID :	MA0AY1	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 10:43:08	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	239	306	356	300	19.51	cps
Tin	118-1	1433	1325	1492	1417	5.97	cps
Titanium	47-1	292	250	325	289	13.01	cps
Uranium	238-1	442	342	325	369	17.08	cps
Vanadium	51-2	1757663	1742743	1752690	1751032	0.43	cps
Yttrium	89-1	10606977	10554909	10751055	10637647	0.96	cps
Yttrium	89-2	2650819	2689635	2697228	2679228	0.93	cps
Zinc	66-2	271465	271701	270579	271248	0.22	cps
Zirconium	90-1	825	933	1000	920	9.61	cps
Zirconium	91-1	225	292	308	275	16.04	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-18	Instrumnet Name :	P7
Client Sample ID :	MA0AS0S	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 10:46:17	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	359576	361621	359131	360110	0.37	cps
Antimony	121-1	690040	698114	698613	695589	0.69	cps
Arsenic	75-2	17040	16758	17066	16954	1.01	cps
Barium	135-1	3294973	3319093	3374920	3329662	1.23	cps
Barium	137-1	5768002	5860866	5836774	5821881	0.83	cps
Beryllium	9-1	59064	60492	61937	60498	2.37	cps
Bismuth	209-1	6281938	6330375	6393200	6335171	0.88	cps
Bismuth	209-2	4558435	4535962	4563722	4552706	0.32	cps
Boron	10-1	4459	5168	5043	4890	7.73	cps
Boron	11-1	22484	23527	23352	23121	2.42	cps
Bromine	81-1	20114	23353	24772	22746	10.49	cps
Bromine	81-2	3885	4005	4375	4088	6.26	cps
Cadmium	111-1	89018	89530	88830	89126	0.41	cps
Cadmium	106-1	11922	12005	11688	11872	1.38	cps
Cadmium	108-1	6085	6210	6472	6256	3.16	cps
Calcium	43-1	787254	806405	800988	798216	1.24	cps
Calcium	44-1	12178371	12329857	12197275	12235168	0.67	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	664468	655939	667564	662657	0.91	cps
Cobalt	59-2	2537150	2533227	2525875	2532084	0.23	cps
Copper	63-2	909940	906779	913373	910031	0.36	cps
Dysprosium	156-1	2325	2367	2209	2300	3.57	cps
Dysprosium	156-2	1277	1280	1367	1308	3.90	cps
Erbium	164-1	1483	1608	1717	1603	7.29	cps
Erbium	164-2	1070	1063	1137	1090	3.72	cps
Gadolinium	160-1	1775	1834	1533	1714	9.28	cps
Gadolinium	160-2	1207	1277	1160	1215	4.84	cps
Holmium	165-1	9895852	9806331	9947375	9883186	0.72	cps
Holmium	165-2	6554141	6573628	6553300	6560357	0.18	cps
Indium	115-1	7260421	7131112	7292863	7228132	1.18	cps
Indium	115-2	2321499	2323432	2340022	2328317	0.44	cps
Iron	56-2	3705955	3701339	3697180	3701491	0.12	cps
Iron	57-2	95261	96128	96704	96031	0.76	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-18	Instrumnet Name :	P7
Client Sample ID :	MA0AS0S	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 10:46:17	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	228597	228729	230517	229281	0.47	cps
Krypton	83-1	1813	2047	2070	1977	7.18	cps
Lead	206-1	138955	140010	141565	140177	0.94	cps
Lead	207-1	123101	124049	123678	123609	0.39	cps
Lead	208-1	556604	560085	564976	560555	0.75	cps
Lithium	6-1	1977432	1973035	1972016	1974161	0.15	cps
Magnesium	24-2	893484	868267	880354	880702	1.43	cps
Manganese	55-2	1087926	1083185	1083657	1084923	0.24	cps
Molybdenum	94-1	75508	75391	76898	75932	1.10	cps
Molybdenum	95-1	123261	125934	126523	125240	1.39	cps
Molybdenum	96-1	132434	135015	135547	134332	1.24	cps
Molybdenum	97-1	77770	78490	79336	78532	1.00	cps
Molybdenum	98-1	198599	202502	203054	201385	1.21	cps
Neodymium	150-1	4034	4054	4241	4110	2.77	cps
Neodymium	150-2	2300	2260	2274	2278	0.89	cps
Nickel	60-2	654290	658025	659486	657267	0.41	cps
Phosphorus	31-2	1925	1408	1767	1700	15.57	cps
Potassium	39-2	928079	918976	927291	924782	0.55	cps
Rhodium	103-1	6465590	6504184	6489945	6486573	0.30	cps
Rhodium	103-2	4139616	4183033	4191468	4171373	0.67	cps
Scandium	45-1	3857529	3893597	3863386	3871504	0.50	cps
Scandium	45-2	349602	346797	348897	348432	0.42	cps
Selenium	82-1	10960	10927	10909	10932	0.24	cps
Selenium	77-2	927	893	1010	943	6.37	cps
Selenium	78-2	3367	3363	3491	3407	2.14	cps
Silicon	28-1	54243047	54122753	54128964	54164921	0.13	cps
Silver	107-1	431984	436889	435601	434824	0.58	cps
Silver	109-1	416995	422775	428884	422885	1.41	cps
Sodium	23-2	11614395	11257312	11521225	11464311	1.62	cps
Strontium	86-1	233485	241459	236568	237171	1.70	cps
Strontium	88-1	2020512	2048703	2055662	2041626	0.91	cps
Sulfur	34-1	679967	686431	674549	680316	0.87	cps
Terbium	159-1	10004270	9989157	9990397	9994608	0.08	cps
Terbium	159-2	6430348	6443528	6275044	6382974	1.47	cps
Thallium	203-1	390332	395971	394908	393737	0.76	cps
Thallium	205-1	936479	944852	961064	947465	1.32	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-18	Instrumnet Name :	P7
Client Sample ID :	MA0AS0S	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 10:46:17	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	56058	57972	58262	57431	2.08	cps
Tin	118-1	2534	2134	1975	2214	13.00	cps
Titanium	47-1	4968	4659	4826	4818	3.20	cps
Uranium	238-1	1204868	1236356	1256067	1232430	2.10	cps
Vanadium	51-2	1347186	1347741	1351580	1348835	0.18	cps
Yttrium	89-1	10122091	10324953	10264897	10237313	1.02	cps
Yttrium	89-2	2508339	2514651	2533778	2518923	0.53	cps
Zinc	66-2	298279	300131	296766	298392	0.56	cps
Zirconium	90-1	12456	12839	12781	12692	1.63	cps
Zirconium	91-1	3075	2984	2725	2928	6.20	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-19	Instrumnet Name :	P7
Client Sample ID :	MA0AS4	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 10:49:27	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18829	18295	18111	18412	2.02	cps
Antimony	121-1	4051	3792	3809	3884	3.72	cps
Arsenic	75-2	4417	4590	4569	4525	2.08	cps
Barium	135-1	32789	31628	30993	31803	2.86	cps
Barium	137-1	57678	57519	53913	56370	3.78	cps
Beryllium	9-1	139	133	94	122	19.81	cps
Bismuth	209-1	6237228	6373415	6349193	6319945	1.15	cps
Bismuth	209-2	4627449	4604558	4598793	4610267	0.33	cps
Boron	10-1	8094	7577	7802	7824	3.31	cps
Boron	11-1	35835	36954	38115	36968	3.08	cps
Bromine	81-1	24154	26658	28086	26300	7.57	cps
Bromine	81-2	4435	4606	5116	4719	7.51	cps
Cadmium	111-1	899	827	747	824	9.23	cps
Cadmium	106-1	3501	3434	3342	3426	2.32	cps
Cadmium	108-1	150	133	138	140	6.18	cps
Calcium	43-1	772965	793591	785427	783994	1.32	cps
Calcium	44-1	11988496	12213455	12012150	12071367	1.02	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5544	5735	5825	5701	2.51	cps
Cobalt	59-2	1273	1297	1117	1229	7.97	cps
Copper	63-2	4027	4297	4107	4144	3.35	cps
Dysprosium	156-1	642	575	567	594	6.92	cps
Dysprosium	156-2	360	353	337	350	3.43	cps
Erbium	164-1	475	408	400	428	9.61	cps
Erbium	164-2	363	313	350	342	7.57	cps
Gadolinium	160-1	550	458	492	500	9.28	cps
Gadolinium	160-2	380	427	390	399	6.16	cps
Holmium	165-1	9810639	10055160	10015014	9960271	1.32	cps
Holmium	165-2	6761309	6722958	6651000	6711756	0.83	cps
Indium	115-1	7200103	7371916	7294835	7288951	1.18	cps
Indium	115-2	2357349	2369568	2378982	2368633	0.46	cps
Iron	56-2	843751	839174	847158	843361	0.48	cps
Iron	57-2	22901	22673	24065	23213	3.22	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-19	Instrumnet Name :	P7
Client Sample ID :	MA0AS4	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 10:49:27	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	47997	46682	46922	47200	1.48	cps
Krypton	83-1	1970	2104	1940	2005	4.34	cps
Lead	206-1	4656	5290	4662	4870	7.48	cps
Lead	207-1	3928	4140	3828	3965	4.01	cps
Lead	208-1	18049	19083	18272	18468	2.95	cps
Lithium	6-1	1939936	1962570	1955946	1952817	0.60	cps
Magnesium	24-2	925083	918067	928134	923761	0.56	cps
Manganese	55-2	163277	164316	166513	164702	1.00	cps
Molybdenum	94-1	181744	184322	187641	184569	1.60	cps
Molybdenum	95-1	319471	315338	325166	319992	1.54	cps
Molybdenum	96-1	344699	349103	345710	346504	0.67	cps
Molybdenum	97-1	197229	200164	201732	199709	1.14	cps
Molybdenum	98-1	513531	517181	516792	515835	0.39	cps
Neodymium	150-1	853	900	893	882	2.86	cps
Neodymium	150-2	557	617	543	572	6.83	cps
Nickel	60-2	1417	1297	1387	1367	4.57	cps
Phosphorus	31-2	3100	3009	3342	3150	5.47	cps
Potassium	39-2	1096253	1106541	1106409	1103068	0.54	cps
Rhodium	103-1	6407111	6575841	6523896	6502282	1.33	cps
Rhodium	103-2	4217889	4249774	4250316	4239326	0.44	cps
Scandium	45-1	3820479	3888261	3884929	3864556	0.99	cps
Scandium	45-2	356003	355738	358096	356612	0.36	cps
Selenium	82-1	54	-134	27	-18	-573.21	cps
Selenium	77-2	7	17	3	9	78.08	cps
Selenium	78-2	163	187	191	180	8.37	cps
Silicon	28-1	42426012	42898835	43585746	42970198	1.36	cps
Silver	107-1	800	683	542	675	19.17	cps
Silver	109-1	808	608	550	656	20.67	cps
Sodium	23-2	57412716	57583435	56888830	57294994	0.63	cps
Strontium	86-1	256027	265435	264385	261949	1.97	cps
Strontium	88-1	2215690	2280802	2263999	2253497	1.50	cps
Sulfur	34-1	2356514	2372083	2380928	2369841	0.52	cps
Terbium	159-1	9981574	10069297	10254251	10101708	1.38	cps
Terbium	159-2	6507624	6633148	6610444	6583739	1.02	cps
Thallium	203-1	992	675	650	772	24.66	cps
Thallium	205-1	2225	1633	1433	1764	23.34	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-19	Instrumnet Name :	P7
Client Sample ID :	MA0AS4	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 10:49:27	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	7235	7525	6891	7217	4.40	cps
Tin	118-1	8011	8269	8336	8205	2.09	cps
Titanium	47-1	3892	4134	3817	3948	4.19	cps
Uranium	238-1	2093261	2146645	2146748	2128885	1.45	cps
Vanadium	51-2	4061	4114	3957	4044	1.97	cps
Yttrium	89-1	10179002	10423091	10255213	10285769	1.21	cps
Yttrium	89-2	2563426	2571056	2592217	2575566	0.58	cps
Zinc	66-2	8796	8653	8846	8765	1.15	cps
Zirconium	90-1	3534	3517	3342	3464	3.07	cps
Zirconium	91-1	817	617	683	706	14.43	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-20	Instrumnet Name :	P7
Client Sample ID :	MA0AS6	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 10:52:36	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4501	4401	4401	4434	1.30	cps
Antimony	121-1	3551	3917	3717	3728	4.93	cps
Arsenic	75-2	1263	1359	1348	1324	3.98	cps
Barium	135-1	12431	12431	12539	12467	0.50	cps
Barium	137-1	21976	22360	21918	22085	1.09	cps
Beryllium	9-1	78	78	89	81	7.87	cps
Bismuth	209-1	6452486	6458864	6502041	6471130	0.42	cps
Bismuth	209-2	4694309	4727961	4685626	4702632	0.48	cps
Boron	10-1	7702	8044	8111	7952	2.76	cps
Boron	11-1	39260	39485	40053	39599	1.03	cps
Bromine	81-1	36288	41485	45606	41126	11.35	cps
Bromine	81-2	8101	8692	8401	8398	3.52	cps
Cadmium	111-1	722	701	779	734	5.53	cps
Cadmium	106-1	3642	3425	3809	3626	5.30	cps
Cadmium	108-1	117	67	100	94	26.96	cps
Calcium	43-1	1028512	1036816	1033061	1032796	0.40	cps
Calcium	44-1	15870431	16007602	15922421	15933485	0.43	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4674	4821	4517	4671	3.25	cps
Cobalt	59-2	303	260	313	292	9.70	cps
Copper	63-2	3294	3360	3087	3247	4.39	cps
Dysprosium	156-1	42	75	67	61	28.38	cps
Dysprosium	156-2	33	57	30	40	36.33	cps
Erbium	164-1	92	175	142	136	30.82	cps
Erbium	164-2	73	60	113	82	33.76	cps
Gadolinium	160-1	92	75	108	92	18.18	cps
Gadolinium	160-2	137	130	97	121	17.69	cps
Holmium	165-1	10098109	10196207	10052987	10115768	0.72	cps
Holmium	165-2	6808540	6766769	6743845	6773051	0.48	cps
Indium	115-1	7364961	7467624	7432788	7421791	0.70	cps
Indium	115-2	2395094	2403097	2378426	2392206	0.53	cps
Iron	56-2	81540	79905	79581	80342	1.31	cps
Iron	57-2	3978	3978	4117	4025	1.99	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-20	Instrumnet Name :	P7
Client Sample ID :	MA0AS6	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 10:52:36	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	5347	5236	5366	5316	1.32	cps
Krypton	83-1	1973	2174	1973	2040	5.66	cps
Lead	206-1	1900	1633	1750	1761	7.59	cps
Lead	207-1	1739	1617	1611	1656	4.36	cps
Lead	208-1	7429	7307	7318	7351	0.92	cps
Lithium	6-1	1965890	1978868	1970317	1971692	0.33	cps
Magnesium	24-2	981174	986610	980523	982769	0.34	cps
Manganese	55-2	10257	10140	10114	10170	0.75	cps
Molybdenum	94-1	78272	80359	79990	79540	1.40	cps
Molybdenum	95-1	135993	137397	137531	136974	0.62	cps
Molybdenum	96-1	144162	151563	149154	148293	2.55	cps
Molybdenum	97-1	84944	86460	85070	85491	0.98	cps
Molybdenum	98-1	224138	220550	222724	222471	0.81	cps
Neodymium	150-1	140	73	140	118	32.68	cps
Neodymium	150-2	63	83	53	67	22.91	cps
Nickel	60-2	397	387	380	388	2.16	cps
Phosphorus	31-2	1425	1767	1633	1608	10.71	cps
Potassium	39-2	615310	617010	612188	614836	0.40	cps
Rhodium	103-1	6612428	6756366	6625432	6664742	1.19	cps
Rhodium	103-2	4272985	4305782	4283764	4287510	0.39	cps
Scandium	45-1	3889965	3901810	3893042	3894939	0.16	cps
Scandium	45-2	356617	359891	360597	359035	0.59	cps
Selenium	82-1	-16	-258	-12	-95	-147.92	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	170	233	181	195	17.23	cps
Silicon	28-1	48491087	49457258	49136453	49028266	1.00	cps
Silver	107-1	167	275	158	200	32.55	cps
Silver	109-1	200	217	150	189	18.37	cps
Sodium	23-2	13338070	13396439	13377224	13370578	0.22	cps
Strontium	86-1	275299	276228	278681	276736	0.63	cps
Strontium	88-1	2351902	2394528	2394830	2380420	1.04	cps
Sulfur	34-1	769964	783787	775392	776381	0.90	cps
Terbium	159-1	10051647	10000217	10183612	10078492	0.94	cps
Terbium	159-2	6621498	6649180	6599936	6623538	0.37	cps
Thallium	203-1	433	425	475	444	6.03	cps
Thallium	205-1	892	975	658	842	19.50	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-20	Instrumnet Name :	P7
Client Sample ID :	MA0AS6	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 10:52:36	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	556	433	611	533	17.05	cps
Tin	118-1	1850	2000	2042	1964	5.13	cps
Titanium	47-1	1692	1634	1567	1631	3.84	cps
Uranium	238-1	2673304	2696593	2740872	2703590	1.27	cps
Vanadium	51-2	3507	3457	3164	3376	5.50	cps
Yttrium	89-1	10380119	10430362	10427770	10412750	0.27	cps
Yttrium	89-2	2583048	2589360	2570405	2580938	0.37	cps
Zinc	66-2	1477	1403	1410	1430	2.84	cps
Zirconium	90-1	1642	1492	1592	1575	4.85	cps
Zirconium	91-1	333	292	333	319	7.53	cps

LB Number : LB114597 Operator : JASWAL
 Lab Sample ID : M2393-21 Instrumnet Name : P7
 Client Sample ID : MA0AX0 Dilution Factor : 1
 Date & Time Acquired :: 2021-05-21 10:55:45 DataFile Name : 052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	375	533	292	400	30.69	cps
Antimony	121-1	708	658	550	639	12.67	cps
Arsenic	75-2	28	28	22	26	12.38	cps
Barium	135-1	28254	28738	27594	28196	2.04	cps
Barium	137-1	49430	50200	49321	49650	0.96	cps
Beryllium	9-1	106	272	194	191	43.72	cps
Bismuth	209-1	6459666	6434963	6502952	6465861	0.53	cps
Bismuth	209-2	4692983	4694258	4689009	4692083	0.06	cps
Boron	10-1	4301	4376	4234	4304	1.65	cps
Boron	11-1	19329	19889	19889	19702	1.64	cps
Bromine	81-1	23027	24288	23870	23728	2.71	cps
Bromine	81-2	3144	3224	2853	3074	6.34	cps
Cadmium	111-1	699	698	695	697	0.29	cps
Cadmium	106-1	3492	3492	3351	3445	2.37	cps
Cadmium	108-1	29	42	42	38	19.24	cps
Calcium	43-1	212564	217145	215329	215013	1.07	cps
Calcium	44-1	3441986	3480309	3470560	3464285	0.57	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5061	5131	5024	5072	1.07	cps
Cobalt	59-2	253	357	260	290	19.94	cps
Copper	63-2	740660	739691	736924	739092	0.26	cps
Dysprosium	156-1	58	17	25	33	66.13	cps
Dysprosium	156-2	27	7	20	18	57.27	cps
Erbium	164-1	142	142	100	128	18.83	cps
Erbium	164-2	77	83	60	73	16.39	cps
Gadolinium	160-1	83	50	92	75	29.40	cps
Gadolinium	160-2	63	90	47	67	32.79	cps
Holmium	165-1	9858793	9908566	9955204	9907521	0.49	cps
Holmium	165-2	6748426	6749782	6681644	6726617	0.58	cps
Indium	115-1	7247314	7212334	7273412	7244353	0.42	cps
Indium	115-2	2351837	2375167	2368983	2365329	0.51	cps
Iron	56-2	254356	256759	252816	254644	0.78	cps
Iron	57-2	6807	6968	6613	6796	2.62	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-21	Instrumnet Name :	P7
Client Sample ID :	MA0AX0	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 10:55:45	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	14652	14753	14252	14552	1.82	cps
Krypton	83-1	1913	1953	2177	2015	7.04	cps
Lead	206-1	13907	14113	13980	14000	0.75	cps
Lead	207-1	11844	11722	12256	11941	2.34	cps
Lead	208-1	54767	54728	55167	54887	0.44	cps
Lithium	6-1	1951222	1949740	1976843	1959268	0.78	cps
Magnesium	24-2	884411	886427	888869	886569	0.25	cps
Manganese	55-2	25619	24931	24681	25077	1.94	cps
Molybdenum	94-1	433	267	317	339	25.24	cps
Molybdenum	95-1	267	275	208	250	14.53	cps
Molybdenum	96-1	317	250	308	292	12.45	cps
Molybdenum	97-1	225	100	133	153	42.37	cps
Molybdenum	98-1	625	467	400	497	23.24	cps
Neodymium	150-1	33	20	27	27	24.99	cps
Neodymium	150-2	17	10	27	18	47.19	cps
Nickel	60-2	4117	3984	4017	4039	1.72	cps
Phosphorus	31-2	417	475	400	431	9.15	cps
Potassium	39-2	426504	425167	420584	424085	0.73	cps
Rhodium	103-1	6531895	6524899	6648233	6568342	1.05	cps
Rhodium	103-2	4260027	4271133	4272171	4267777	0.16	cps
Scandium	45-1	3837001	3821758	3871802	3843520	0.67	cps
Scandium	45-2	351782	352659	355503	353315	0.55	cps
Selenium	82-1	117	70	-224	-12	-1481.75	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	156	172	204	177	13.80	cps
Silicon	28-1	36865050	36892661	36979582	36912431	0.16	cps
Silver	107-1	200	167	250	206	20.41	cps
Silver	109-1	242	258	167	222	21.97	cps
Sodium	23-2	4505516	4431728	4437582	4458275	0.92	cps
Strontium	86-1	109045	112789	112252	111362	1.82	cps
Strontium	88-1	934298	945953	945445	941899	0.70	cps
Sulfur	34-1	486812	486841	486879	486844	0.01	cps
Terbium	159-1	9963940	9955922	9764228	9894696	1.14	cps
Terbium	159-2	6568930	6518256	6613828	6567005	0.73	cps
Thallium	203-1	233	183	183	200	14.43	cps
Thallium	205-1	608	583	592	594	2.14	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-21	Instrumnet Name :	P7
Client Sample ID :	MA0AX0	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 10:55:45	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	150	172	206	176	15.90	cps
Tin	118-1	1092	1050	1183	1108	6.16	cps
Titanium	47-1	650	583	567	600	7.35	cps
Uranium	238-1	53753	52656	53552	53320	1.09	cps
Vanadium	51-2	253	327	253	278	15.24	cps
Yttrium	89-1	10250062	10167068	10501438	10306189	1.69	cps
Yttrium	89-2	2537333	2554281	2545250	2545621	0.33	cps
Zinc	66-2	65576	65342	64917	65278	0.51	cps
Zirconium	90-1	492	575	800	622	25.63	cps
Zirconium	91-1	158	92	225	158	42.11	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-01	Instrumnet Name :	P7
Client Sample ID :	MA0AM5	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 10:58:55	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	883	842	783	836	6.01	cps
Antimony	121-1	383	350	333	356	7.16	cps
Arsenic	75-2	20	26	24	23	12.07	cps
Barium	135-1	1642	1717	1492	1617	7.09	cps
Barium	137-1	2842	2842	2575	2753	5.59	cps
Beryllium	9-1	139	89	100	109	24.03	cps
Bismuth	209-1	6470419	6464646	6490926	6475330	0.21	cps
Bismuth	209-2	4704444	4690292	4631231	4675322	0.83	cps
Boron	10-1	2959	3150	3392	3167	6.86	cps
Boron	11-1	14691	14499	15341	14844	2.97	cps
Bromine	81-1	10404	9895	9253	9851	5.85	cps
Bromine	81-2	701	621	481	601	18.56	cps
Cadmium	111-1	699	671	716	695	3.28	cps
Cadmium	106-1	3617	3417	3576	3537	2.98	cps
Cadmium	108-1	58	54	29	47	33.40	cps
Calcium	43-1	992	975	1025	997	2.55	cps
Calcium	44-1	33629	33553	32209	33130	2.41	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2687	2814	2967	2823	4.97	cps
Cobalt	59-2	120	87	100	102	16.41	cps
Copper	63-2	3814	3620	3634	3689	2.93	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	7	10	10	9	21.63	cps
Erbium	164-1	75	50	67	64	19.92	cps
Erbium	164-2	43	37	33	38	13.48	cps
Gadolinium	160-1	92	75	42	69	36.66	cps
Gadolinium	160-2	50	57	60	56	9.17	cps
Holmium	165-1	9907022	9959102	10008979	9958368	0.51	cps
Holmium	165-2	6749569	6638085	6362494	6583383	3.03	cps
Indium	115-1	7232764	7292493	7309699	7278319	0.55	cps
Indium	115-2	2362001	2362949	2338328	2354426	0.59	cps
Iron	56-2	21972	22484	22195	22217	1.16	cps
Iron	57-2	489	506	594	530	10.71	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-01	Instrumnet Name :	P7
Client Sample ID :	MA0AM5	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 10:58:55	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	2343	2032	2353	2242	8.12	cps
Krypton	83-1	1800	1883	1953	1879	4.09	cps
Lead	206-1	1406	1217	1439	1354	8.85	cps
Lead	207-1	1233	1150	1389	1257	9.64	cps
Lead	208-1	5556	5323	5940	5606	5.55	cps
Lithium	6-1	1967260	2006094	2008810	1994055	1.17	cps
Magnesium	24-2	2059	2292	2042	2131	6.56	cps
Manganese	55-2	1740	2080	1917	1912	8.89	cps
Molybdenum	94-1	200	292	383	292	31.43	cps
Molybdenum	95-1	42	75	58	58	28.57	cps
Molybdenum	96-1	233	125	150	169	33.48	cps
Molybdenum	97-1	83	33	67	61	41.67	cps
Molybdenum	98-1	108	92	175	125	35.28	cps
Neodymium	150-1	7	13	13	11	34.61	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	247	217	223	229	6.88	cps
Phosphorus	31-2	442	375	408	408	8.16	cps
Potassium	39-2	66289	68818	66465	67191	2.10	cps
Rhodium	103-1	6642001	6672984	6725816	6680267	0.63	cps
Rhodium	103-2	4286342	4298826	4267691	4284286	0.37	cps
Scandium	45-1	3812289	3832901	3834379	3826523	0.32	cps
Scandium	45-2	353075	353581	352231	352962	0.19	cps
Selenium	82-1	-16	-251	-124	-130	-90.35	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	194	154	170	173	11.85	cps
Silicon	28-1	16013283	16147012	16172300	16110865	0.53	cps
Silver	107-1	158	133	150	147	8.65	cps
Silver	109-1	67	100	117	94	26.96	cps
Sodium	23-2	78982	79518	79518	79339	0.39	cps
Strontium	86-1	3617	3092	3692	3467	9.43	cps
Strontium	88-1	5410	4468	5018	4965	9.53	cps
Sulfur	34-1	450455	446636	441247	446113	1.04	cps
Terbium	159-1	10055617	9889583	10172665	10039288	1.42	cps
Terbium	159-2	6542093	6557109	6273373	6457525	2.47	cps
Thallium	203-1	175	158	217	183	16.39	cps
Thallium	205-1	400	392	433	408	5.40	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-01	Instrumnet Name :	P7
Client Sample ID :	MA0AM5	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 10:58:55	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	156	189	139	161	15.80	cps
Tin	118-1	750	908	950	870	12.14	cps
Titanium	47-1	425	492	450	456	7.39	cps
Uranium	238-1	342	275	267	294	13.96	cps
Vanadium	51-2	47	57	43	49	14.20	cps
Yttrium	89-1	10192581	10359970	10314862	10289138	0.84	cps
Yttrium	89-2	2525019	2543746	2519905	2529557	0.50	cps
Zinc	66-2	1723	1747	1810	1760	2.55	cps
Zirconium	90-1	608	683	558	617	10.20	cps
Zirconium	91-1	192	100	167	153	31.02	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-02	Instrumnet Name :	P7
Client Sample ID :	MA0AP9	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:02:04	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2067	1450	1492	1670	20.66	cps
Antimony	121-1	5918	6110	6493	6174	4.74	cps
Arsenic	75-2	93	87	63	81	19.48	cps
Barium	135-1	12648	12739	13090	12826	1.82	cps
Barium	137-1	22268	21918	22494	22226	1.31	cps
Beryllium	9-1	83	72	83	80	8.06	cps
Bismuth	209-1	6499350	6525085	6530835	6518423	0.26	cps
Bismuth	209-2	4788038	4728845	4714541	4743808	0.82	cps
Boron	10-1	4651	4801	4651	4701	1.84	cps
Boron	11-1	21607	22851	24253	22904	5.78	cps
Bromine	81-1	12906	13498	14383	13596	5.47	cps
Bromine	81-2	1962	1802	1842	1869	4.46	cps
Cadmium	111-1	824	894	930	883	6.07	cps
Cadmium	106-1	3392	3717	3826	3645	6.19	cps
Cadmium	108-1	83	71	63	72	14.52	cps
Calcium	43-1	474210	483529	488721	482154	1.52	cps
Calcium	44-1	7344861	7577443	7537692	7486665	1.66	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	788511	785556	781616	785228	0.44	cps
Cobalt	59-2	503	470	497	490	3.60	cps
Copper	63-2	1423	1407	1467	1432	2.16	cps
Dysprosium	156-1	58	33	42	44	28.64	cps
Dysprosium	156-2	23	30	27	27	12.51	cps
Erbium	164-1	83	100	133	106	24.12	cps
Erbium	164-2	77	60	47	61	24.60	cps
Gadolinium	160-1	125	42	100	89	48.11	cps
Gadolinium	160-2	60	67	80	69	14.78	cps
Holmium	165-1	10006817	9984900	9955423	9982380	0.26	cps
Holmium	165-2	6786443	6674120	6767929	6742831	0.89	cps
Indium	115-1	7304725	7261276	7417524	7327842	1.10	cps
Indium	115-2	2404625	2384471	2376880	2388659	0.60	cps
Iron	56-2	142326	141910	142858	142365	0.33	cps
Iron	57-2	4412	4506	4629	4516	2.41	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-02	Instrumnet Name :	P7
Client Sample ID :	MA0AP9	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:02:04	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	33974	34907	34616	34499	1.38	cps
Krypton	83-1	2100	2047	2184	2110	3.26	cps
Lead	206-1	1233	1267	1228	1243	1.69	cps
Lead	207-1	1017	989	1078	1028	4.42	cps
Lead	208-1	4845	4912	4867	4875	0.70	cps
Lithium	6-1	1984967	1977219	1973822	1978669	0.29	cps
Magnesium	24-2	1022657	1033597	1027373	1027876	0.53	cps
Manganese	55-2	66814	67785	67072	67224	0.75	cps
Molybdenum	94-1	5468	5685	5876	5676	3.60	cps
Molybdenum	95-1	8953	9328	9237	9173	2.13	cps
Molybdenum	96-1	9428	10137	10004	9856	3.82	cps
Molybdenum	97-1	5376	5493	5951	5607	5.42	cps
Molybdenum	98-1	14791	14391	15517	14900	3.83	cps
Neodymium	150-1	73	107	73	84	22.80	cps
Neodymium	150-2	43	40	53	46	15.23	cps
Nickel	60-2	1843	1967	1837	1882	3.89	cps
Phosphorus	31-2	475	417	392	428	10.00	cps
Potassium	39-2	500545	504484	502459	502496	0.39	cps
Rhodium	103-1	6693288	6717092	6658313	6689564	0.44	cps
Rhodium	103-2	4318546	4292986	4283885	4298472	0.42	cps
Scandium	45-1	3871986	3850728	3877760	3866825	0.37	cps
Scandium	45-2	359214	356145	354565	356641	0.66	cps
Selenium	82-1	-130	-121	-272	-174	-48.85	cps
Selenium	77-2	0	3	10	4	114.60	cps
Selenium	78-2	181	198	178	186	5.84	cps
Silicon	28-1	49150934	49052145	49361868	49188316	0.32	cps
Silver	107-1	92	133	75	100	30.05	cps
Silver	109-1	92	25	33	50	72.65	cps
Sodium	23-2	4901465	4884850	4884491	4890269	0.20	cps
Strontium	86-1	106114	109850	112033	109332	2.74	cps
Strontium	88-1	918229	934824	950351	934468	1.72	cps
Sulfur	34-1	588190	587738	583427	586452	0.45	cps
Terbium	159-1	10063739	10090591	10095942	10083424	0.17	cps
Terbium	159-2	6610557	6581797	6594709	6595687	0.22	cps
Thallium	203-1	283	258	175	239	23.74	cps
Thallium	205-1	392	500	500	464	13.48	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-02	Instrumnet Name :	P7
Client Sample ID :	MA0AP9	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:02:04	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	300	300	250	283	10.19	cps
Tin	118-1	692	708	742	714	3.57	cps
Titanium	47-1	767	800	792	786	2.21	cps
Uranium	238-1	328280	332947	335525	332251	1.11	cps
Vanadium	51-2	373	380	437	397	8.77	cps
Yttrium	89-1	10336886	10394758	10375392	10369012	0.28	cps
Yttrium	89-2	2608291	2559221	2546595	2571369	1.27	cps
Zinc	66-2	787	753	643	728	10.31	cps
Zirconium	90-1	1275	1250	1158	1228	5.00	cps
Zirconium	91-1	258	342	367	322	17.60	cps

LB Number : LB114597 Operator : JASWAL
 Lab Sample ID : M2394-03 Instrumnet Name : P7
 Client Sample ID : MA0AQ7 Dilution Factor : 1
 Date & Time Acquired :: 2021-05-21 11:05:08 DataFile Name : 055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9403	9412	10204	9673	4.75	cps
Antimony	121-1	3892	3992	4142	4009	3.14	cps
Arsenic	75-2	226	244	257	243	6.52	cps
Barium	135-1	14750	14942	14274	14655	2.34	cps
Barium	137-1	26534	26801	26242	26526	1.06	cps
Beryllium	9-1	61	50	89	67	30.05	cps
Bismuth	209-1	6446288	6562901	6573152	6527447	1.08	cps
Bismuth	209-2	4651430	4719041	4743651	4704707	1.01	cps
Boron	10-1	10704	10454	10963	10707	2.38	cps
Boron	11-1	48620	50066	50886	49858	2.30	cps
Bromine	81-1	14858	15425	16051	15445	3.86	cps
Bromine	81-2	2072	2062	1872	2002	5.64	cps
Cadmium	111-1	641	663	644	650	1.81	cps
Cadmium	106-1	3342	3459	3359	3387	1.86	cps
Cadmium	108-1	63	71	75	69	9.16	cps
Calcium	43-1	815802	817626	826794	820074	0.72	cps
Calcium	44-1	12584405	12590578	12820632	12665205	1.06	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	61307	61333	62793	61811	1.38	cps
Cobalt	59-2	240	233	260	244	5.68	cps
Copper	63-2	3184	3084	2984	3084	3.24	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	13	13	10	12	15.73	cps
Erbium	164-1	92	100	142	111	24.11	cps
Erbium	164-2	77	70	57	68	15.02	cps
Gadolinium	160-1	83	67	50	67	25.00	cps
Gadolinium	160-2	50	80	67	66	22.93	cps
Holmium	165-1	10115438	10011830	10034858	10054042	0.54	cps
Holmium	165-2	6754576	6825081	6829022	6802893	0.62	cps
Indium	115-1	7420459	7369713	7374607	7388260	0.38	cps
Indium	115-2	2382655	2405680	2405758	2398031	0.56	cps
Iron	56-2	12683	12183	12550	12472	2.08	cps
Iron	57-2	1789	1883	1945	1872	4.19	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-03	Instrumnet Name :	P7
Client Sample ID :	MA0AQ7	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:05:08	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	3925	3464	3604	3664	6.44	cps
Krypton	83-1	1960	1897	1943	1933	1.70	cps
Lead	206-1	1089	1217	1267	1191	7.70	cps
Lead	207-1	1133	1083	1217	1145	5.89	cps
Lead	208-1	4839	4934	4928	4900	1.08	cps
Lithium	6-1	1970208	1946910	1966468	1961195	0.64	cps
Magnesium	24-2	1239041	1231435	1230995	1233824	0.37	cps
Manganese	55-2	4034	4004	4191	4076	2.46	cps
Molybdenum	94-1	2367	2850	2475	2564	9.89	cps
Molybdenum	95-1	3634	3617	3926	3726	4.66	cps
Molybdenum	96-1	4076	3917	4209	4067	3.59	cps
Molybdenum	97-1	2442	2567	2242	2417	6.78	cps
Molybdenum	98-1	6277	5976	6018	6090	2.67	cps
Neodymium	150-1	13	33	13	20	57.74	cps
Neodymium	150-2	20	3	10	11	75.52	cps
Nickel	60-2	483	407	370	420	13.77	cps
Phosphorus	31-2	775	692	775	747	6.44	cps
Potassium	39-2	717859	719046	712010	716305	0.53	cps
Rhodium	103-1	6643080	6586339	6740910	6656777	1.17	cps
Rhodium	103-2	4302400	4325089	4335696	4321062	0.39	cps
Scandium	45-1	3882314	3907846	3907084	3899081	0.37	cps
Scandium	45-2	359109	357468	357347	357975	0.27	cps
Selenium	82-1	-11	104	-49	15	548.50	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	202	169	233	201	16.11	cps
Silicon	28-1	52577577	52282991	52971264	52610611	0.66	cps
Silver	107-1	108	75	83	89	19.52	cps
Silver	109-1	92	42	50	61	43.83	cps
Sodium	23-2	5552016	5512265	5494559	5519613	0.53	cps
Strontium	86-1	174312	176557	171873	174247	1.34	cps
Strontium	88-1	1480317	1499047	1503291	1494218	0.82	cps
Sulfur	34-1	620953	614899	616122	617325	0.52	cps
Terbium	159-1	10101819	10121667	10214613	10146033	0.59	cps
Terbium	159-2	6554551	6630824	6759858	6648411	1.56	cps
Thallium	203-1	250	158	175	194	25.11	cps
Thallium	205-1	533	517	475	508	5.91	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-03	Instrumnet Name :	P7
Client Sample ID :	MA0AQ7	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:05:08	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	167	100	117	128	27.15	cps
Tin	118-1	1292	1092	1225	1203	8.47	cps
Titanium	47-1	667	658	825	717	13.10	cps
Uranium	238-1	56657	57971	55971	56866	1.79	cps
Vanadium	51-2	2987	2957	2754	2899	4.38	cps
Yttrium	89-1	10452370	10391742	10482757	10442289	0.44	cps
Yttrium	89-2	2563181	2598120	2596762	2586021	0.77	cps
Zinc	66-2	1187	1247	1260	1231	3.17	cps
Zirconium	90-1	617	608	683	636	6.46	cps
Zirconium	91-1	158	200	133	164	20.55	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-05	Instrumnet Name :	P7
Client Sample ID :	MA0AY9	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:08:15	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	285420	290770	285257	287149	1.09	cps
Antimony	121-1	58355	59468	61309	59710	2.50	cps
Arsenic	75-2	200	206	181	196	6.44	cps
Barium	135-1	235168	239552	240982	238567	1.27	cps
Barium	137-1	426323	427981	430859	428388	0.54	cps
Beryllium	9-1	44	50	67	54	21.53	cps
Bismuth	209-1	6273105	6332908	6389292	6331768	0.92	cps
Bismuth	209-2	4686188	4760025	4718235	4721482	0.78	cps
Boron	10-1	4076	3851	4034	3987	3.00	cps
Boron	11-1	19355	20014	19697	19688	1.67	cps
Bromine	81-1	30525	33105	34784	32805	6.54	cps
Bromine	81-2	5116	5677	6218	5670	9.71	cps
Cadmium	111-1	804	803	766	791	2.74	cps
Cadmium	106-1	4042	3967	3576	3862	6.49	cps
Cadmium	108-1	83	58	58	67	21.65	cps
Calcium	43-1	2439767	2470383	2497051	2469067	1.16	cps
Calcium	44-1	38122523	38730391	38504208	38452374	0.80	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6893609	6870987	6848557	6871051	0.33	cps
Cobalt	59-2	1297	1337	1427	1353	4.92	cps
Copper	63-2	48430	49891	47968	48763	2.06	cps
Dysprosium	156-1	33	33	0	22	86.60	cps
Dysprosium	156-2	10	13	3	9	57.30	cps
Erbium	164-1	25	75	117	72	63.55	cps
Erbium	164-2	67	40	40	49	31.50	cps
Gadolinium	160-1	75	83	42	67	33.07	cps
Gadolinium	160-2	67	63	43	58	21.85	cps
Holmium	165-1	10013050	10200783	10346367	10186733	1.64	cps
Holmium	165-2	6971215	7077209	7052039	7033488	0.79	cps
Indium	115-1	7355088	7376864	7413994	7381982	0.40	cps
Indium	115-2	2451692	2486560	2467850	2468701	0.71	cps
Iron	56-2	99025	100373	99707	99702	0.68	cps
Iron	57-2	7119	7719	7691	7509	4.51	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-05	Instrumnet Name :	P7
Client Sample ID :	MA0AY9	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:08:15	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	231869	231229	224552	229217	1.77	cps
Krypton	83-1	2170	2047	2254	2157	4.82	cps
Lead	206-1	3128	2934	3106	3056	3.48	cps
Lead	207-1	2439	2595	2634	2556	4.03	cps
Lead	208-1	11719	11880	12158	11919	1.86	cps
Lithium	6-1	1967121	1994907	1966564	1976197	0.82	cps
Magnesium	24-2	4876	4776	4626	4759	2.64	cps
Manganese	55-2	2307	2417	2114	2279	6.74	cps
Molybdenum	94-1	26400	25607	26759	26255	2.25	cps
Molybdenum	95-1	45322	45807	44328	45152	1.67	cps
Molybdenum	96-1	48751	50205	49110	49355	1.53	cps
Molybdenum	97-1	27519	28896	27995	28136	2.49	cps
Molybdenum	98-1	72694	73514	75198	73802	1.73	cps
Neodymium	150-1	33	47	33	38	20.39	cps
Neodymium	150-2	7	7	10	8	24.71	cps
Nickel	60-2	4994	5088	5288	5123	2.93	cps
Phosphorus	31-2	350	425	308	361	16.37	cps
Potassium	39-2	3700273	3749463	3690356	3713364	0.85	cps
Rhodium	103-1	6568409	6645874	6578369	6597550	0.64	cps
Rhodium	103-2	4399895	4425110	4389094	4404700	0.42	cps
Scandium	45-1	3898524	3955476	3975917	3943306	1.02	cps
Scandium	45-2	374956	381698	376695	377783	0.93	cps
Selenium	82-1	-766	-528	-794	-696	-21.03	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	200	196	224	207	7.29	cps
Silicon	28-1	25937081	26243220	26562714	26247672	1.19	cps
Silver	107-1	150	117	117	128	15.06	cps
Silver	109-1	50	83	42	58	37.80	cps
Sodium	23-2	108858627	110855861	109937940	109884143	0.91	cps
Strontium	86-1	2984419	3046508	3029795	3020241	1.06	cps
Strontium	88-1	26800312	27231753	27089756	27040607	0.81	cps
Sulfur	34-1	1813397	1838183	1853703	1835094	1.11	cps
Terbium	159-1	10085867	10259621	10438375	10261288	1.72	cps
Terbium	159-2	6861408	7032225	6832104	6908579	1.56	cps
Thallium	203-1	325	208	275	269	21.72	cps
Thallium	205-1	700	675	592	656	8.65	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-05	Instrumnet Name :	P7
Client Sample ID :	MA0AY9	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:08:15	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	178	228	167	191	17.07	cps
Tin	118-1	5885	5876	5393	5718	4.92	cps
Titanium	47-1	742	675	683	700	5.19	cps
Uranium	238-1	158	200	167	175	12.60	cps
Vanadium	51-2	33598	33779	33384	33587	0.59	cps
Yttrium	89-1	10472079	10587725	10554485	10538096	0.56	cps
Yttrium	89-2	2685783	2727503	2706334	2706540	0.77	cps
Zinc	66-2	2407	2260	2264	2310	3.63	cps
Zirconium	90-1	1150	975	1000	1042	9.09	cps
Zirconium	91-1	250	142	142	178	35.18	cps

LB Number : LB114597 Operator : JASWAL
 Lab Sample ID : M2394-06 Instrumnet Name : P7
 Client Sample ID : MA0AZ1 Dilution Factor : 1
 Date & Time Acquired :: 2021-05-21 11:11:18 DataFile Name : 057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	703028	707532	695445	702002	0.87	cps
Antimony	121-1	1367	1267	1375	1336	4.51	cps
Arsenic	75-2	335	330	343	336	1.94	cps
Barium	135-1	581394	591771	593525	588897	1.11	cps
Barium	137-1	1023521	1044422	1055149	1041031	1.55	cps
Beryllium	9-1	78	67	33	59	39.04	cps
Bismuth	209-1	6315703	6338138	6494512	6382784	1.53	cps
Bismuth	209-2	4599178	4568778	4606872	4591609	0.44	cps
Boron	10-1	5001	5034	5284	5107	3.03	cps
Boron	11-1	23410	25146	25280	24612	4.24	cps
Bromine	81-1	40373	41878	44862	42371	5.39	cps
Bromine	81-2	6638	7019	6829	6829	2.79	cps
Cadmium	111-1	801	898	828	843	5.94	cps
Cadmium	106-1	3726	4351	3892	3990	8.11	cps
Cadmium	108-1	33	38	42	38	11.12	cps
Calcium	43-1	3611189	3680947	3682793	3658310	1.12	cps
Calcium	44-1	56543439	57720093	57480493	57248009	1.09	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5134	4998	4751	4961	3.92	cps
Cobalt	59-2	4271	4097	4297	4222	2.57	cps
Copper	63-2	37541	39059	37999	38200	2.04	cps
Dysprosium	156-1	33	33	17	28	34.63	cps
Dysprosium	156-2	3	10	3	6	69.34	cps
Erbium	164-1	75	133	83	97	32.45	cps
Erbium	164-2	60	40	67	56	24.98	cps
Gadolinium	160-1	50	58	42	50	16.66	cps
Gadolinium	160-2	80	57	33	57	41.18	cps
Holmium	165-1	10403826	10360473	10651665	10471988	1.50	cps
Holmium	165-2	6994773	6934586	6926281	6951880	0.54	cps
Indium	115-1	7356030	7557158	7549288	7487492	1.52	cps
Indium	115-2	2441771	2427510	2432643	2433975	0.30	cps
Iron	56-2	119587	119486	118030	119035	0.73	cps
Iron	57-2	9909	10437	10376	10241	2.82	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-06	Instrumnet Name :	P7
Client Sample ID :	MA0AZ1	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:11:18	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	8000	7990	7299	7763	5.18	cps
Krypton	83-1	1920	1950	2164	2011	6.60	cps
Lead	206-1	2395	2239	2334	2322	3.38	cps
Lead	207-1	1967	1961	2017	1982	1.54	cps
Lead	208-1	8662	9163	9318	9048	3.79	cps
Lithium	6-1	2056578	2073856	2081989	2070808	0.63	cps
Magnesium	24-2	2317	2300	1859	2159	12.04	cps
Manganese	55-2	527	740	600	622	17.42	cps
Molybdenum	94-1	42246	42296	43617	42720	1.82	cps
Molybdenum	95-1	73530	74586	74519	74212	0.80	cps
Molybdenum	96-1	80006	78139	79705	79283	1.26	cps
Molybdenum	97-1	48165	46777	48516	47820	1.92	cps
Molybdenum	98-1	119387	119228	120783	119799	0.71	cps
Neodymium	150-1	33	40	47	40	16.68	cps
Neodymium	150-2	7	17	3	9	78.08	cps
Nickel	60-2	41656	41883	40559	41366	1.71	cps
Phosphorus	31-2	400	342	350	364	8.67	cps
Potassium	39-2	28049130	27477207	27797210	27774516	1.03	cps
Rhodium	103-1	6792108	6699196	6717027	6736110	0.73	cps
Rhodium	103-2	4309686	4280024	4304977	4298229	0.37	cps
Scandium	45-1	4123215	4169402	4151253	4147957	0.56	cps
Scandium	45-2	376229	373297	375888	375138	0.43	cps
Selenium	82-1	-2207	-2235	-2452	-2298	-5.84	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	170	169	180	173	3.44	cps
Silicon	28-1	22898038	22996526	22969754	22954773	0.22	cps
Silver	107-1	183	42	83	103	70.84	cps
Silver	109-1	8	42	25	25	66.68	cps
Sodium	23-2	158714083	159126991	159663983	159168352	0.30	cps
Strontium	86-1	11566004	11813850	11883766	11754540	1.42	cps
Strontium	88-1	100349267	103747534	103252054	102449618	1.79	cps
Sulfur	34-1	679784	678338	673134	677086	0.52	cps
Terbium	159-1	10331500	10456160	10668734	10485465	1.63	cps
Terbium	159-2	6895383	6864119	6897166	6885556	0.27	cps
Thallium	203-1	242	208	267	239	12.25	cps
Thallium	205-1	600	525	575	567	6.74	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-06	Instrumnet Name :	P7
Client Sample ID :	MA0AZ1	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:11:18	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	172	156	144	157	8.88	cps
Tin	118-1	6618	6043	6327	6329	4.54	cps
Titanium	47-1	358	450	517	442	18.00	cps
Uranium	238-1	58	75	142	92	48.10	cps
Vanadium	51-2	5474	5228	5391	5364	2.34	cps
Yttrium	89-1	10848851	10925160	11020886	10931632	0.79	cps
Yttrium	89-2	2699385	2689485	2670517	2686462	0.55	cps
Zinc	66-2	1700	1550	1707	1652	5.36	cps
Zirconium	90-1	1092	733	1083	970	21.10	cps
Zirconium	91-1	183	208	150	181	16.21	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-07	Instrumnet Name :	P7
Client Sample ID :	MA0AZ3	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:14:22	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	284757	290113	291040	288637	1.18	cps
Antimony	121-1	5385	5618	5093	5365	4.90	cps
Arsenic	75-2	913	956	872	914	4.56	cps
Barium	135-1	410794	421400	431134	421110	2.42	cps
Barium	137-1	726754	740861	765227	744280	2.62	cps
Beryllium	9-1	44	56	50	50	11.11	cps
Bismuth	209-1	5821057	5847060	5987318	5885145	1.52	cps
Bismuth	209-2	4308009	4315929	4410492	4344810	1.31	cps
Boron	10-1	14999	15775	17636	16137	8.40	cps
Boron	11-1	74450	78327	81243	78007	4.37	cps
Bromine	81-1	91103	96714	99686	95834	4.55	cps
Bromine	81-2	16025	16767	16757	16516	2.58	cps
Cadmium	111-1	833	768	786	796	4.25	cps
Cadmium	106-1	3767	3567	3667	3667	2.73	cps
Cadmium	108-1	58	71	92	74	22.88	cps
Calcium	43-1	1726691	1753807	1814547	1765015	2.55	cps
Calcium	44-1	26776070	27094829	27794093	27221664	1.91	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	20024	20231	20518	20257	1.22	cps
Cobalt	59-2	26855	27032	27419	27102	1.07	cps
Copper	63-2	77386	76653	78046	77362	0.90	cps
Dysprosium	156-1	0	8	33	14	124.91	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Erbium	164-1	50	67	50	56	17.32	cps
Erbium	164-2	67	60	43	57	21.21	cps
Gadolinium	160-1	67	42	75	61	28.38	cps
Gadolinium	160-2	50	43	70	54	25.49	cps
Holmium	165-1	9899611	9859326	10034039	9930992	0.92	cps
Holmium	165-2	6732119	6708664	6906833	6782539	1.60	cps
Indium	115-1	6991513	7134158	7209744	7111805	1.56	cps
Indium	115-2	2333890	2349985	2389024	2357633	1.20	cps
Iron	56-2	95709	96844	96218	96257	0.59	cps
Iron	57-2	5773	6074	6396	6081	5.12	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-07	Instrumnet Name :	P7
Client Sample ID :	MA0AZ3	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:14:22	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	6789	6999	6839	6875	1.60	cps
Krypton	83-1	2030	2140	2054	2075	2.79	cps
Lead	206-1	6896	6830	7024	6917	1.43	cps
Lead	207-1	5757	5951	5918	5875	1.77	cps
Lead	208-1	26094	27072	27184	26783	2.24	cps
Lithium	6-1	2391302	2432645	2489854	2437934	2.03	cps
Magnesium	24-2	2067	2167	1992	2075	4.23	cps
Manganese	55-2	2404	2284	2237	2308	3.73	cps
Molybdenum	94-1	83669	87718	89521	86969	3.45	cps
Molybdenum	95-1	149390	151783	154621	151931	1.72	cps
Molybdenum	96-1	161961	164604	168441	165002	1.97	cps
Molybdenum	97-1	93220	93808	96995	94674	2.15	cps
Molybdenum	98-1	243115	244853	251554	246507	1.81	cps
Neodymium	150-1	40	33	0	24	87.67	cps
Neodymium	150-2	10	10	20	13	43.30	cps
Nickel	60-2	85514	86111	86664	86096	0.67	cps
Phosphorus	31-2	517	433	383	444	15.16	cps
Potassium	39-2	106206317	107936302	108663665	107602095	1.17	cps
Rhodium	103-1	6291045	6306723	6548741	6382170	2.26	cps
Rhodium	103-2	4111573	4113658	4163330	4129520	0.71	cps
Scandium	45-1	3961576	3978294	4092081	4010650	1.77	cps
Scandium	45-2	368042	369161	379202	372135	1.65	cps
Selenium	82-1	-3177	-3326	-3322	-3275	-2.59	cps
Selenium	77-2	27	27	13	22	34.66	cps
Selenium	78-2	217	239	244	233	6.30	cps
Silicon	28-1	25931855	26672584	27482141	26695527	2.90	cps
Silver	107-1	125	133	92	117	18.90	cps
Silver	109-1	33	8	67	36	81.06	cps
Sodium	23-2	424636001	424142526	425650076	424809534	0.18	cps
Strontium	86-1	16944047	17022737	17619634	17195473	2.15	cps
Strontium	88-1	148563724	149262674	152887358	150237919	1.54	cps
Sulfur	34-1	4770743	4916938	5025445	4904375	2.61	cps
Terbium	159-1	9846717	9890052	10234835	9990535	2.13	cps
Terbium	159-2	6575018	6600132	6777131	6650760	1.66	cps
Thallium	203-1	333	383	375	364	7.36	cps
Thallium	205-1	917	958	908	928	2.89	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-07	Instrumnet Name :	P7
Client Sample ID :	MA0AZ3	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:14:22	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	183	183	161	176	7.30	cps
Tin	118-1	3601	3601	3651	3617	0.80	cps
Titanium	47-1	658	675	725	686	5.06	cps
Uranium	238-1	58	167	108	111	48.80	cps
Vanadium	51-2	96928	96640	98200	97256	0.85	cps
Yttrium	89-1	10420059	10531924	10897806	10616596	2.35	cps
Yttrium	89-2	2641664	2645964	2667336	2651655	0.52	cps
Zinc	66-2	1393	1283	1410	1362	5.05	cps
Zirconium	90-1	1108	1092	1142	1114	2.29	cps
Zirconium	91-1	217	400	275	297	31.51	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-08	Instrumnet Name :	P7
Client Sample ID :	MA0AM7	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:17:27	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	808	842	900	850	5.46	cps
Antimony	121-1	408	417	308	378	15.96	cps
Arsenic	75-2	26	26	20	24	13.33	cps
Barium	135-1	1792	1892	1625	1770	7.61	cps
Barium	137-1	3200	2992	2900	3031	5.07	cps
Beryllium	9-1	89	78	72	80	10.66	cps
Bismuth	209-1	6543999	6565860	6543104	6550988	0.20	cps
Bismuth	209-2	4767993	4737813	4798401	4768069	0.64	cps
Boron	10-1	3584	3659	2967	3403	11.15	cps
Boron	11-1	15934	16393	15917	16081	1.68	cps
Bromine	81-1	9495	9537	9445	9492	0.48	cps
Bromine	81-2	491	470	491	484	2.39	cps
Cadmium	111-1	861	771	719	784	9.18	cps
Cadmium	106-1	4292	3892	3651	3945	8.22	cps
Cadmium	108-1	38	29	33	33	12.50	cps
Calcium	43-1	3992	3676	2709	3459	19.33	cps
Calcium	44-1	84271	70183	60832	71762	16.44	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4221	4114	4167	4167	1.28	cps
Cobalt	59-2	140	140	153	144	5.33	cps
Copper	63-2	2094	2017	1913	2008	4.50	cps
Dysprosium	156-1	8	17	25	17	50.01	cps
Dysprosium	156-2	7	7	7	7	0.00	cps
Erbium	164-1	67	42	92	67	37.50	cps
Erbium	164-2	43	43	30	39	19.79	cps
Gadolinium	160-1	17	67	100	61	68.63	cps
Gadolinium	160-2	40	20	73	44	60.62	cps
Holmium	165-1	10110253	10107679	10171805	10129912	0.36	cps
Holmium	165-2	6894437	6706771	6760034	6787080	1.42	cps
Indium	115-1	7654029	7519014	7516415	7563153	1.04	cps
Indium	115-2	2441556	2426176	2445760	2437831	0.42	cps
Iron	56-2	26207	26185	26224	26205	0.07	cps
Iron	57-2	683	611	578	624	8.65	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-08	Instrumnet Name :	P7
Client Sample ID :	MA0AM7	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:17:27	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	2413	2603	2463	2493	3.96	cps
Krypton	83-1	2330	2000	2167	2166	7.62	cps
Lead	206-1	1845	1733	1728	1769	3.72	cps
Lead	207-1	1572	1433	1461	1489	4.94	cps
Lead	208-1	7156	6906	6617	6893	3.91	cps
Lithium	6-1	2147212	2141866	2124998	2138025	0.54	cps
Magnesium	24-2	1900	1592	1658	1717	9.45	cps
Manganese	55-2	2294	2334	2354	2327	1.31	cps
Molybdenum	94-1	383	292	375	350	14.48	cps
Molybdenum	95-1	375	375	267	339	18.46	cps
Molybdenum	96-1	375	483	283	381	26.31	cps
Molybdenum	97-1	258	233	133	208	31.75	cps
Molybdenum	98-1	433	550	417	467	15.57	cps
Neodymium	150-1	7	20	7	11	69.25	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	1027	1067	1100	1064	3.45	cps
Phosphorus	31-2	442	508	400	450	12.14	cps
Potassium	39-2	117168	115521	108569	113753	4.01	cps
Rhodium	103-1	7020592	6873987	6927176	6940585	1.07	cps
Rhodium	103-2	4391252	4383548	4407205	4394001	0.27	cps
Scandium	45-1	4093908	4074594	4046035	4071512	0.59	cps
Scandium	45-2	366035	362329	362447	363604	0.58	cps
Selenium	82-1	-269	108	-150	-103	-186.54	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	194	178	176	183	5.58	cps
Silicon	28-1	15959003	16178208	16261059	16132757	0.97	cps
Silver	107-1	67	67	167	100	57.73	cps
Silver	109-1	42	58	17	39	53.92	cps
Sodium	23-2	260348	236664	224977	240663	7.49	cps
Strontium	86-1	26709	19589	14199	20166	31.12	cps
Strontium	88-1	202906	140887	94722	146172	37.14	cps
Sulfur	34-1	483307	486546	483412	484422	0.38	cps
Terbium	159-1	10229371	10344526	10161849	10245249	0.90	cps
Terbium	159-2	6689504	6617647	6650958	6652703	0.54	cps
Thallium	203-1	117	92	117	108	13.32	cps
Thallium	205-1	392	383	450	408	8.90	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-08	Instrumnet Name :	P7
Client Sample ID :	MA0AM7	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:17:27	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	133	144	100	126	18.37	cps
Tin	118-1	917	858	875	883	3.40	cps
Titanium	47-1	508	333	358	400	23.66	cps
Uranium	238-1	50	33	83	56	45.83	cps
Vanadium	51-2	77	90	70	79	12.91	cps
Yttrium	89-1	10874934	10684901	10762140	10773992	0.89	cps
Yttrium	89-2	2631915	2618965	2627445	2626108	0.25	cps
Zinc	66-2	1687	1600	1353	1547	11.18	cps
Zirconium	90-1	658	525	583	589	11.35	cps
Zirconium	91-1	133	150	75	119	32.97	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-09	Instrumnet Name :	P7
Client Sample ID :	MA0AN5	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:20:33	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	69528	71244	70868	70547	1.28	cps
Antimony	121-1	9537	9712	9629	9626	0.91	cps
Arsenic	75-2	98	109	91	99	9.38	cps
Barium	135-1	926462	932191	937519	932057	0.59	cps
Barium	137-1	1634456	1644341	1656302	1645033	0.67	cps
Beryllium	9-1	111	56	50	72	46.79	cps
Bismuth	209-1	6193065	6248287	6256175	6232509	0.55	cps
Bismuth	209-2	4548569	4574069	4641872	4588170	1.05	cps
Boron	10-1	2584	2575	3034	2731	9.60	cps
Boron	11-1	12614	12881	12856	12783	1.15	cps
Bromine	81-1	15834	17519	17503	16952	5.71	cps
Bromine	81-2	2132	2072	2513	2239	10.67	cps
Cadmium	111-1	779	754	771	768	1.69	cps
Cadmium	106-1	3926	3742	3842	3837	2.39	cps
Cadmium	108-1	50	46	38	44	14.32	cps
Calcium	43-1	7072771	7168102	7240738	7160537	1.18	cps
Calcium	44-1	114933214	115764655	116614822	115770897	0.73	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	151977	152176	154068	152740	0.76	cps
Cobalt	59-2	4161	4237	4294	4231	1.58	cps
Copper	63-2	23158	23335	23880	23458	1.60	cps
Dysprosium	156-1	25	17	33	25	33.32	cps
Dysprosium	156-2	7	0	20	9	114.55	cps
Erbium	164-1	75	58	142	92	48.10	cps
Erbium	164-2	50	50	23	41	37.46	cps
Gadolinium	160-1	67	33	67	56	34.65	cps
Gadolinium	160-2	70	60	40	57	26.96	cps
Holmium	165-1	10260507	9941346	10183531	10128461	1.64	cps
Holmium	165-2	6858112	6843430	6926316	6875952	0.64	cps
Indium	115-1	7498501	7379451	7345584	7407845	1.08	cps
Indium	115-2	2414831	2440814	2447593	2434413	0.71	cps
Iron	56-2	304123	306784	307240	306049	0.55	cps
Iron	57-2	21549	23864	23697	23037	5.60	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-09	Instrumnet Name :	P7
Client Sample ID :	MA0AN5	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:20:33	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	22651	23352	23152	23052	1.57	cps
Krypton	83-1	1973	2154	2067	2065	4.36	cps
Lead	206-1	4668	4695	4879	4747	2.42	cps
Lead	207-1	3806	3956	3578	3780	5.03	cps
Lead	208-1	18133	17966	18027	18042	0.47	cps
Lithium	6-1	2112580	2129865	2127503	2123316	0.44	cps
Magnesium	24-2	4843	5409	5076	5109	5.58	cps
Manganese	55-2	3777	3677	3884	3779	2.74	cps
Molybdenum	94-1	9528	10337	9762	9876	4.22	cps
Molybdenum	95-1	17010	16819	16602	16810	1.22	cps
Molybdenum	96-1	18696	18079	18304	18359	1.70	cps
Molybdenum	97-1	10004	10045	10112	10054	0.54	cps
Molybdenum	98-1	26116	27210	27719	27015	3.03	cps
Neodymium	150-1	67	87	20	58	59.21	cps
Neodymium	150-2	7	7	10	8	24.71	cps
Nickel	60-2	29777	29637	29262	29559	0.90	cps
Phosphorus	31-2	450	458	433	447	2.85	cps
Potassium	39-2	13067884	13144263	13177613	13129920	0.43	cps
Rhodium	103-1	6608922	6613857	6495634	6572804	1.02	cps
Rhodium	103-2	4224897	4273898	4322664	4273819	1.14	cps
Scandium	45-1	4045661	4022883	4045242	4037929	0.32	cps
Scandium	45-2	372838	379037	376327	376067	0.83	cps
Selenium	82-1	-2019	-2140	-2227	-2129	-4.93	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	207	200	146	185	18.07	cps
Silicon	28-1	13990829	14199793	14334783	14175135	1.22	cps
Silver	107-1	67	75	75	72	6.66	cps
Silver	109-1	67	67	33	56	34.65	cps
Sodium	23-2	65604870	65215729	65573912	65464837	0.33	cps
Strontium	86-1	10232195	10338821	10489011	10353342	1.25	cps
Strontium	88-1	89744081	91819006	92403144	91322077	1.53	cps
Sulfur	34-1	617785	626957	630276	625006	1.04	cps
Terbium	159-1	10045431	10109818	10135322	10096857	0.46	cps
Terbium	159-2	6759217	6810581	6795461	6788419	0.39	cps
Thallium	203-1	508	400	417	442	13.21	cps
Thallium	205-1	1108	1092	1125	1108	1.50	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-09	Instrumnet Name :	P7
Client Sample ID :	MA0AN5	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:20:33	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	167	83	89	113	41.24	cps
Tin	118-1	2067	1967	1950	1995	3.16	cps
Titanium	47-1	358	550	358	422	26.21	cps
Uranium	238-1	75	92	58	75	22.23	cps
Vanadium	51-2	377	420	487	428	12.95	cps
Yttrium	89-1	10670783	10479806	10616433	10589007	0.93	cps
Yttrium	89-2	2644882	2677067	2686016	2669322	0.81	cps
Zinc	66-2	1510	1390	1530	1477	5.13	cps
Zirconium	90-1	633	633	908	725	21.90	cps
Zirconium	91-1	158	117	175	150	20.03	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-10	Instrumnet Name :	P7
Client Sample ID :	MA0AQ9	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:23:36	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	205021	211043	208710	208258	1.46	cps
Antimony	121-1	4876	5143	5159	5059	3.14	cps
Arsenic	75-2	230	219	202	217	6.45	cps
Barium	135-1	528462	537889	545219	537190	1.56	cps
Barium	137-1	937863	950624	966487	951658	1.51	cps
Beryllium	9-1	61	83	61	69	18.73	cps
Bismuth	209-1	5992691	5989137	5982881	5988236	0.08	cps
Bismuth	209-2	4469240	4525051	4547842	4514045	0.90	cps
Boron	10-1	5234	5376	5318	5309	1.34	cps
Boron	11-1	25146	25630	24929	25235	1.42	cps
Bromine	81-1	66269	69676	72155	69367	4.26	cps
Bromine	81-2	12077	12619	12278	12325	2.22	cps
Cadmium	111-1	780	855	768	801	5.86	cps
Cadmium	106-1	3684	3751	3400	3612	5.15	cps
Cadmium	108-1	117	113	154	128	17.96	cps
Calcium	43-1	2609156	2635207	2651173	2631845	0.81	cps
Calcium	44-1	40939717	40882978	41426140	41082945	0.73	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1721573	1753023	1733888	1736162	0.91	cps
Cobalt	59-2	2180	2307	2304	2264	3.19	cps
Copper	63-2	48025	48895	48383	48434	0.90	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	7	7	3	6	34.70	cps
Erbium	164-1	42	58	92	64	39.85	cps
Erbium	164-2	47	33	47	42	18.24	cps
Gadolinium	160-1	75	67	50	64	19.92	cps
Gadolinium	160-2	40	67	70	59	27.92	cps
Holmium	165-1	9773390	9724305	9781835	9759843	0.32	cps
Holmium	165-2	6782794	6755017	6909558	6815790	1.21	cps
Indium	115-1	7052565	7042775	7062954	7052764	0.14	cps
Indium	115-2	2366437	2404766	2385998	2385734	0.80	cps
Iron	56-2	139392	139628	140015	139678	0.23	cps
Iron	57-2	8308	8958	9364	8877	6.00	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-10	Instrumnet Name :	P7
Client Sample ID :	MA0AQ9	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:23:36	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	65964	65501	65050	65505	0.70	cps
Krypton	83-1	1873	1987	2094	1985	5.54	cps
Lead	206-1	2578	2456	2545	2526	2.50	cps
Lead	207-1	2195	2167	2039	2134	3.89	cps
Lead	208-1	10041	9624	9785	9816	2.14	cps
Lithium	6-1	2080949	2082250	2097516	2086905	0.44	cps
Magnesium	24-2	2275	2609	2575	2486	7.39	cps
Manganese	55-2	2104	2270	2244	2206	4.06	cps
Molybdenum	94-1	171105	174436	173077	172873	0.97	cps
Molybdenum	95-1	294040	301102	302110	299084	1.47	cps
Molybdenum	96-1	317518	326595	327034	323716	1.66	cps
Molybdenum	97-1	186529	186175	192246	188317	1.81	cps
Molybdenum	98-1	481541	487407	494159	487702	1.29	cps
Neodymium	150-1	40	40	27	36	21.64	cps
Neodymium	150-2	13	13	10	12	15.73	cps
Nickel	60-2	6101	5978	6181	6087	1.68	cps
Phosphorus	31-2	375	433	367	392	9.27	cps
Potassium	39-2	13540113	14158520	13685121	13794585	2.34	cps
Rhodium	103-1	6439644	6326767	6405926	6390779	0.91	cps
Rhodium	103-2	4189242	4247715	4228261	4221739	0.71	cps
Scandium	45-1	3930427	3937548	3900976	3922984	0.49	cps
Scandium	45-2	367472	374961	371746	371393	1.01	cps
Selenium	82-1	-514	-614	-791	-640	-21.94	cps
Selenium	77-2	17	7	13	12	41.65	cps
Selenium	78-2	250	224	219	231	7.28	cps
Silicon	28-1	24875560	25619322	25676044	25390309	1.76	cps
Silver	107-1	117	108	108	111	4.33	cps
Silver	109-1	58	92	8	53	79.48	cps
Sodium	23-2	188798504	186482388	188678592	187986494	0.69	cps
Strontium	86-1	3666499	3714931	3748013	3709814	1.11	cps
Strontium	88-1	33584526	33879884	33367540	33610650	0.77	cps
Sulfur	34-1	1966372	1990202	1982536	1979703	0.61	cps
Terbium	159-1	9843223	9866356	9619641	9776406	1.39	cps
Terbium	159-2	6703382	6764353	6691525	6719753	0.58	cps
Thallium	203-1	242	258	208	236	10.78	cps
Thallium	205-1	667	633	783	694	11.34	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-10	Instrumnet Name :	P7
Client Sample ID :	MA0AQ9	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:23:36	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	106	50	122	93	40.84	cps
Tin	118-1	2550	2467	2567	2528	2.12	cps
Titanium	47-1	433	450	450	444	2.17	cps
Uranium	238-1	392	467	450	436	9.03	cps
Vanadium	51-2	12128	12148	11875	12051	1.27	cps
Yttrium	89-1	10352878	10130715	10093987	10192527	1.37	cps
Yttrium	89-2	2610077	2645053	2625931	2627020	0.67	cps
Zinc	66-2	1167	1197	1223	1196	2.37	cps
Zirconium	90-1	792	783	808	794	1.60	cps
Zirconium	91-1	133	117	158	136	15.41	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-11	Instrumnet Name :	P7
Client Sample ID :	MA0AR3	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:26:40	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	528979	529946	542778	533901	1.44	cps
Antimony	121-1	5826	5310	5309	5482	5.44	cps
Arsenic	75-2	1752	1663	1848	1754	5.28	cps
Barium	135-1	14792	14258	13615	14221	4.14	cps
Barium	137-1	25082	25541	24681	25101	1.71	cps
Beryllium	9-1	83	111	61	85	29.41	cps
Bismuth	209-1	6438214	6432902	6366608	6412574	0.62	cps
Bismuth	209-2	4614854	4701018	4654532	4656801	0.93	cps
Boron	10-1	5976	6568	6927	6490	7.40	cps
Boron	11-1	30598	31825	31475	31299	2.02	cps
Bromine	81-1	29063	31585	32521	31056	5.76	cps
Bromine	81-2	4916	5256	5537	5236	5.94	cps
Cadmium	111-1	836	765	898	833	8.01	cps
Cadmium	106-1	3901	3651	4042	3865	5.13	cps
Cadmium	108-1	46	75	50	57	27.70	cps
Calcium	43-1	107589	107798	109772	108386	1.11	cps
Calcium	44-1	1755287	1781313	1761985	1766195	0.77	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	100006	101137	100919	100687	0.60	cps
Cobalt	59-2	953	927	990	957	3.32	cps
Copper	63-2	13603	13513	13566	13561	0.33	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	13	10	10	11	17.30	cps
Erbium	164-1	67	58	67	64	7.54	cps
Erbium	164-2	47	60	37	48	24.50	cps
Gadolinium	160-1	50	42	67	53	24.12	cps
Gadolinium	160-2	67	67	53	62	12.38	cps
Holmium	165-1	10260755	10320994	10259764	10280504	0.34	cps
Holmium	165-2	6810936	7048964	6789227	6883042	2.09	cps
Indium	115-1	7562874	7461486	7407369	7477243	1.06	cps
Indium	115-2	2392530	2443819	2417695	2418015	1.06	cps
Iron	56-2	107568	106779	108580	107642	0.84	cps
Iron	57-2	2950	2878	2750	2860	3.54	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-11	Instrumnet Name :	P7
Client Sample ID :	MA0AR3	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:26:40	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	10565	10224	9783	10191	3.84	cps
Krypton	83-1	2050	2087	2154	2097	2.50	cps
Lead	206-1	1317	1572	1450	1446	8.84	cps
Lead	207-1	1261	1239	978	1159	13.59	cps
Lead	208-1	5428	5890	5212	5510	6.28	cps
Lithium	6-1	2153188	2148724	2164503	2155472	0.38	cps
Magnesium	24-2	875	833	850	853	2.46	cps
Manganese	55-2	517	583	443	514	13.61	cps
Molybdenum	94-1	55793	56755	57005	56518	1.13	cps
Molybdenum	95-1	96994	100552	99234	98927	1.82	cps
Molybdenum	96-1	103800	108392	106327	106173	2.17	cps
Molybdenum	97-1	61357	60863	62914	61711	1.73	cps
Molybdenum	98-1	157217	161194	160552	159654	1.34	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	6832	6635	6815	6761	1.61	cps
Phosphorus	31-2	425	417	383	408	5.40	cps
Potassium	39-2	12222308	12326893	12422240	12323814	0.81	cps
Rhodium	103-1	6794162	6800034	6747796	6780664	0.42	cps
Rhodium	103-2	4266428	4357922	4337526	4320625	1.11	cps
Scandium	45-1	4099088	4085130	4069046	4084421	0.37	cps
Scandium	45-2	363952	372143	371237	369111	1.22	cps
Selenium	82-1	-93	-176	-207	-159	-37.04	cps
Selenium	77-2	3	7	3	4	43.40	cps
Selenium	78-2	231	161	189	194	18.29	cps
Silicon	28-1	59090293	59950176	59873483	59637984	0.80	cps
Silver	107-1	92	133	58	94	39.79	cps
Silver	109-1	67	50	67	61	15.75	cps
Sodium	23-2	77930852	77908089	78706889	78181943	0.58	cps
Strontium	86-1	406738	411651	408054	408814	0.62	cps
Strontium	88-1	3520834	3509237	3511398	3513823	0.18	cps
Sulfur	34-1	1324291	1335018	1319037	1326115	0.61	cps
Terbium	159-1	10222818	10386122	10486068	10365003	1.28	cps
Terbium	159-2	6741049	6772136	6771706	6761630	0.26	cps
Thallium	203-1	308	308	333	317	4.56	cps
Thallium	205-1	858	1017	800	892	12.57	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-11	Instrumnet Name :	P7
Client Sample ID :	MA0AR3	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:26:40	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	100	183	106	130	35.94	cps
Tin	118-1	5043	5009	5168	5073	1.65	cps
Titanium	47-1	783	867	1133	928	19.71	cps
Uranium	238-1	617	667	783	689	12.42	cps
Vanadium	51-2	56277	55464	55574	55772	0.79	cps
Yttrium	89-1	10746685	10831994	10734264	10770981	0.49	cps
Yttrium	89-2	2602940	2649331	2652401	2634891	1.05	cps
Zinc	66-2	467	490	487	481	2.62	cps
Zirconium	90-1	750	708	633	697	8.48	cps
Zirconium	91-1	158	183	133	158	15.79	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-12	Instrumnet Name :	P7
Client Sample ID :	MA0AQ5	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:29:45	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1158	1375	1442	1325	11.18	cps
Antimony	121-1	700	483	567	583	18.74	cps
Arsenic	75-2	128	156	189	157	19.44	cps
Barium	135-1	27144	27928	27845	27639	1.56	cps
Barium	137-1	48518	49572	48970	49020	1.08	cps
Beryllium	9-1	61	94	78	78	21.43	cps
Bismuth	209-1	6385500	6488887	6452397	6442261	0.81	cps
Bismuth	209-2	4697678	4738476	4688203	4708119	0.57	cps
Boron	10-1	4884	5676	5159	5240	7.67	cps
Boron	11-1	23844	25338	25030	24737	3.19	cps
Bromine	81-1	41853	52956	59682	51497	17.48	cps
Bromine	81-2	11266	12548	12649	12154	6.34	cps
Cadmium	111-1	803	751	749	767	3.97	cps
Cadmium	106-1	3834	3601	3567	3667	3.96	cps
Cadmium	108-1	8	33	21	21	60.01	cps
Calcium	43-1	1215168	1230679	1237733	1227860	0.94	cps
Calcium	44-1	18971270	19218352	19421015	19203546	1.17	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	46145	45941	45724	45937	0.46	cps
Cobalt	59-2	240	320	293	284	14.32	cps
Copper	63-2	2140	2174	2080	2131	2.22	cps
Dysprosium	156-1	83	50	75	69	24.98	cps
Dysprosium	156-2	37	30	30	32	11.95	cps
Erbium	164-1	108	100	142	117	18.90	cps
Erbium	164-2	90	70	67	76	16.70	cps
Gadolinium	160-1	58	117	83	86	33.99	cps
Gadolinium	160-2	93	77	83	84	9.93	cps
Holmium	165-1	9912931	10111591	10063243	10029255	1.03	cps
Holmium	165-2	6704650	6761386	6756859	6740965	0.47	cps
Indium	115-1	7338610	7432701	7326057	7365789	0.79	cps
Indium	115-2	2391770	2398169	2405095	2398344	0.28	cps
Iron	56-2	17339	17500	17844	17561	1.47	cps
Iron	57-2	2934	2800	2845	2860	2.37	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-12	Instrumnet Name :	P7
Client Sample ID :	MA0AQ5	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:29:45	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	3414	3454	3174	3347	4.53	cps
Krypton	83-1	2044	1763	1887	1898	7.39	cps
Lead	206-1	1989	2061	2184	2078	4.73	cps
Lead	207-1	1817	1884	1795	1832	2.53	cps
Lead	208-1	7984	8568	8196	8249	3.58	cps
Lithium	6-1	2133728	2105010	2122818	2120519	0.68	cps
Magnesium	24-2	2923139	2897102	2888633	2902958	0.62	cps
Manganese	55-2	285658	280628	283773	283353	0.90	cps
Molybdenum	94-1	7511	7911	7911	7777	2.97	cps
Molybdenum	95-1	13740	13148	13623	13504	2.32	cps
Molybdenum	96-1	14466	14358	14249	14358	0.76	cps
Molybdenum	97-1	8594	8886	8845	8775	1.80	cps
Molybdenum	98-1	20957	21700	22343	21667	3.20	cps
Neodymium	150-1	67	73	33	58	37.09	cps
Neodymium	150-2	37	47	60	48	24.50	cps
Nickel	60-2	517	497	570	528	7.18	cps
Phosphorus	31-2	533	517	458	503	7.83	cps
Potassium	39-2	881454	882957	887562	883991	0.36	cps
Rhodium	103-1	6649288	6679369	6616965	6648540	0.47	cps
Rhodium	103-2	4303238	4282388	4312433	4299353	0.36	cps
Scandium	45-1	3985959	3963510	3948528	3965999	0.48	cps
Scandium	45-2	364721	362425	362393	363180	0.37	cps
Selenium	82-1	-138	275	72	70	296.57	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	169	174	169	170	1.88	cps
Silicon	28-1	44857701	45140022	45147599	45048441	0.37	cps
Silver	107-1	92	92	67	83	17.32	cps
Silver	109-1	58	42	33	44	28.65	cps
Sodium	23-2	10116489	10162773	10007590	10095617	0.79	cps
Strontium	86-1	227228	228491	230312	228677	0.68	cps
Strontium	88-1	1957995	1985875	1987488	1977119	0.84	cps
Sulfur	34-1	722242	723439	715419	720367	0.60	cps
Terbium	159-1	9879349	10214500	10139880	10077910	1.75	cps
Terbium	159-2	6614629	6656789	6570413	6613944	0.65	cps
Thallium	203-1	275	233	267	258	8.54	cps
Thallium	205-1	500	492	442	478	6.60	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-12	Instrumnet Name :	P7
Client Sample ID :	MA0AQ5	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:29:45	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	133	178	117	143	22.15	cps
Tin	118-1	842	1142	1150	1045	16.82	cps
Titanium	47-1	683	683	717	694	2.77	cps
Uranium	238-1	2048433	2098629	2105433	2084165	1.49	cps
Vanadium	51-2	1730	1553	1543	1609	6.53	cps
Yttrium	89-1	10547019	10440094	10473937	10487017	0.52	cps
Yttrium	89-2	2596204	2589994	2577740	2587979	0.36	cps
Zinc	66-2	2257	2347	2290	2298	1.98	cps
Zirconium	90-1	808	683	617	703	13.85	cps
Zirconium	91-1	142	242	183	189	26.59	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-13	Instrumnet Name :	P7
Client Sample ID :	MA0AW9	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:32:50	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	442	225	308	325	33.63	cps
Antimony	121-1	217	317	358	297	24.50	cps
Arsenic	75-2	31	39	39	36	11.75	cps
Barium	135-1	45676	46328	47590	46531	2.09	cps
Barium	137-1	82645	84984	84599	84076	1.49	cps
Beryllium	9-1	39	133	128	100	53.00	cps
Bismuth	209-1	6377435	6328372	6390932	6365580	0.52	cps
Bismuth	209-2	4639897	4625863	4586413	4617391	0.60	cps
Boron	10-1	5935	6235	6226	6132	2.79	cps
Boron	11-1	28803	29295	31851	29983	5.46	cps
Bromine	81-1	55608	65976	73404	64996	13.75	cps
Bromine	81-2	13801	14051	13981	13944	0.93	cps
Cadmium	111-1	775	833	728	779	6.73	cps
Cadmium	106-1	3817	3992	3726	3845	3.52	cps
Cadmium	108-1	25	17	54	32	61.64	cps
Calcium	43-1	1036171	1060858	1062322	1053117	1.40	cps
Calcium	44-1	16076477	16362831	16308221	16249177	0.94	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2214	2487	2447	2382	6.20	cps
Cobalt	59-2	963	873	963	933	5.57	cps
Copper	63-2	21282	21008	20534	20942	1.81	cps
Dysprosium	156-1	17	17	17	17	0.00	cps
Dysprosium	156-2	20	7	10	12	56.76	cps
Erbium	164-1	108	117	83	103	16.88	cps
Erbium	164-2	53	47	53	51	7.52	cps
Gadolinium	160-1	58	67	33	53	32.87	cps
Gadolinium	160-2	47	57	57	53	10.82	cps
Holmium	165-1	9960818	9742718	9955289	9886275	1.26	cps
Holmium	165-2	6729605	6619027	6620469	6656367	0.95	cps
Indium	115-1	7247904	7139261	7294887	7227351	1.10	cps
Indium	115-2	2368327	2367253	2350669	2362083	0.42	cps
Iron	56-2	16382443	16293444	16462707	16379531	0.52	cps
Iron	57-2	407982	409801	408235	408673	0.24	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-13	Instrumnet Name :	P7
Client Sample ID :	MA0AW9	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:32:50	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	902981	896725	896895	898867	0.40	cps
Krypton	83-1	2060	1923	1807	1930	6.57	cps
Lead	206-1	1411	1256	1111	1259	11.91	cps
Lead	207-1	1106	1217	1122	1148	5.22	cps
Lead	208-1	5039	5289	4967	5099	3.32	cps
Lithium	6-1	2094952	2075835	2067948	2079578	0.67	cps
Magnesium	24-2	2761966	2743010	2733876	2746284	0.52	cps
Manganese	55-2	674541	675448	669649	673212	0.46	cps
Molybdenum	94-1	2967	3034	3067	3023	1.69	cps
Molybdenum	95-1	4934	4668	4826	4809	2.79	cps
Molybdenum	96-1	5368	5259	5176	5268	1.83	cps
Molybdenum	97-1	3017	3000	3084	3034	1.45	cps
Molybdenum	98-1	7502	7969	7652	7708	3.09	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	7	7	0	4	86.60	cps
Nickel	60-2	1127	1043	1167	1112	5.66	cps
Phosphorus	31-2	408	392	483	428	11.42	cps
Potassium	39-2	950403	940232	923274	937969	1.46	cps
Rhodium	103-1	6663389	6513340	6554175	6576968	1.18	cps
Rhodium	103-2	4254953	4227527	4229758	4237413	0.36	cps
Scandium	45-1	3943784	3885166	3911000	3913317	0.75	cps
Scandium	45-2	359830	358725	354218	357591	0.83	cps
Selenium	82-1	-24	74	123	58	130.49	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	209	198	170	193	10.40	cps
Silicon	28-1	44516124	45262709	45375862	45051565	1.04	cps
Silver	107-1	108	125	133	122	10.41	cps
Silver	109-1	92	83	108	94	13.48	cps
Sodium	23-2	15328785	15199360	15006851	15178332	1.07	cps
Strontium	86-1	315892	315540	319601	317011	0.71	cps
Strontium	88-1	2687016	2728535	2749272	2721608	1.16	cps
Sulfur	34-1	639834	633393	633615	635614	0.58	cps
Terbium	159-1	10066988	9993029	10059440	10039819	0.41	cps
Terbium	159-2	6609971	6534960	6481991	6542307	0.98	cps
Thallium	203-1	217	200	225	214	5.95	cps
Thallium	205-1	600	500	375	492	22.93	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-13	Instrumnet Name :	P7
Client Sample ID :	MA0AW9	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:32:50	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	139	156	56	117	45.92	cps
Tin	118-1	1108	1008	1133	1083	6.11	cps
Titanium	47-1	642	750	758	717	9.08	cps
Uranium	238-1	1596971	1626911	1628735	1617539	1.10	cps
Vanadium	51-2	187	240	203	210	12.99	cps
Yttrium	89-1	10528728	10248937	10308211	10361959	1.42	cps
Yttrium	89-2	2544020	2561225	2541989	2549078	0.41	cps
Zinc	66-2	12415	12372	11735	12174	3.13	cps
Zirconium	90-1	700	717	775	731	5.39	cps
Zirconium	91-1	125	117	200	147	31.17	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-14	Instrumnet Name :	P7
Client Sample ID :	MA0AX7	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:35:54	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	475	408	433	439	7.67	cps
Antimony	121-1	233	250	192	225	13.35	cps
Arsenic	75-2	35	39	39	38	5.67	cps
Barium	135-1	11897	12047	12030	11992	0.69	cps
Barium	137-1	21667	21559	21308	21512	0.86	cps
Beryllium	9-1	167	144	117	143	17.57	cps
Bismuth	209-1	6224386	6217417	6258444	6233416	0.35	cps
Bismuth	209-2	4531103	4435944	4540886	4502644	1.29	cps
Boron	10-1	5751	6085	6293	6043	4.52	cps
Boron	11-1	26958	28544	30798	28767	6.71	cps
Bromine	81-1	67341	78237	86869	77482	12.63	cps
Bromine	81-2	15294	15765	15925	15661	2.10	cps
Cadmium	111-1	696	746	815	752	7.90	cps
Cadmium	106-1	3451	3409	3842	3567	6.70	cps
Cadmium	108-1	21	33	29	28	22.92	cps
Calcium	43-1	2350568	2382978	2440944	2391497	1.91	cps
Calcium	44-1	37046815	37001091	37447764	37165223	0.66	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3480	3424	3634	3513	3.09	cps
Cobalt	59-2	157	193	213	188	15.31	cps
Copper	63-2	40045	41064	40422	40510	1.27	cps
Dysprosium	156-1	25	25	33	28	17.31	cps
Dysprosium	156-2	30	23	27	27	12.51	cps
Erbium	164-1	117	117	100	111	8.66	cps
Erbium	164-2	40	137	77	84	57.79	cps
Gadolinium	160-1	50	83	50	61	31.50	cps
Gadolinium	160-2	77	103	80	87	16.77	cps
Holmium	165-1	9870211	9838775	9907117	9872034	0.35	cps
Holmium	165-2	6691271	6632930	6626708	6650303	0.54	cps
Indium	115-1	7269280	7139895	7233101	7214092	0.93	cps
Indium	115-2	2341377	2333385	2373850	2349537	0.91	cps
Iron	56-2	15942	15820	15336	15699	2.04	cps
Iron	57-2	5479	5323	5857	5553	4.94	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-14	Instrumnet Name :	P7
Client Sample ID :	MA0AX7	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:35:54	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1822	1682	1742	1749	4.02	cps
Krypton	83-1	1980	2160	1977	2039	5.14	cps
Lead	206-1	27367	27501	26966	27278	1.02	cps
Lead	207-1	22553	22831	22809	22731	0.68	cps
Lead	208-1	105011	106031	105318	105454	0.50	cps
Lithium	6-1	2000151	2017287	2040308	2019249	1.00	cps
Magnesium	24-2	4968784	4977796	5040613	4995731	0.78	cps
Manganese	55-2	1057	997	1233	1096	11.23	cps
Molybdenum	94-1	3109	2925	3025	3020	3.04	cps
Molybdenum	95-1	5218	4943	4984	5048	2.94	cps
Molybdenum	96-1	5368	5718	5576	5554	3.17	cps
Molybdenum	97-1	3142	3042	2917	3034	3.72	cps
Molybdenum	98-1	7686	8611	8253	8183	5.70	cps
Neodymium	150-1	27	20	7	18	57.27	cps
Neodymium	150-2	17	7	10	11	45.82	cps
Nickel	60-2	740	693	583	672	11.97	cps
Phosphorus	31-2	350	442	350	381	13.91	cps
Potassium	39-2	1984757	1973176	2012280	1990071	1.01	cps
Rhodium	103-1	6542467	6482419	6549298	6524728	0.56	cps
Rhodium	103-2	4145100	4156828	4217825	4173251	0.94	cps
Scandium	45-1	3897650	3880024	3907416	3895030	0.36	cps
Scandium	45-2	356775	351195	361075	356348	1.39	cps
Selenium	82-1	-168	-167	-148	-161	-6.92	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	191	185	189	188	1.50	cps
Silicon	28-1	38922521	39859504	40194790	39658938	1.66	cps
Silver	107-1	317	342	375	344	8.50	cps
Silver	109-1	333	350	308	331	6.34	cps
Sodium	23-2	38315403	37490175	38079664	37961747	1.12	cps
Strontium	86-1	833045	841936	862189	845723	1.77	cps
Strontium	88-1	7361083	7619921	7656983	7545996	2.14	cps
Sulfur	34-1	1222523	1238679	1235170	1232124	0.69	cps
Terbium	159-1	9770668	9920058	9896344	9862357	0.81	cps
Terbium	159-2	6609936	6513460	6552395	6558597	0.74	cps
Thallium	203-1	325	408	417	383	13.22	cps
Thallium	205-1	867	858	908	878	3.05	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-14	Instrumnet Name :	P7
Client Sample ID :	MA0AX7	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:35:54	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	100	117	83	100	16.66	cps
Tin	118-1	808	1067	983	953	13.84	cps
Titanium	47-1	600	608	617	608	1.37	cps
Uranium	238-1	358113	359874	367151	361713	1.32	cps
Vanadium	51-2	1373	1487	1357	1406	5.03	cps
Yttrium	89-1	10229782	10319133	10374332	10307749	0.71	cps
Yttrium	89-2	2555473	2546271	2566495	2556080	0.40	cps
Zinc	66-2	24264	24173	24551	24329	0.81	cps
Zirconium	90-1	742	600	700	681	10.70	cps
Zirconium	91-1	175	200	58	144	52.35	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-15	Instrumnet Name :	P7
Client Sample ID :	MA0AM9	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:38:59	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1008	1042	1067	1039	2.82	cps
Antimony	121-1	308	383	367	353	11.16	cps
Arsenic	75-2	15	28	19	20	32.79	cps
Barium	135-1	875	808	633	772	16.16	cps
Barium	137-1	1267	1183	1275	1242	4.08	cps
Beryllium	9-1	89	78	44	70	32.86	cps
Bismuth	209-1	6387812	6487379	6459178	6444790	0.80	cps
Bismuth	209-2	4617311	4636023	4648487	4633940	0.34	cps
Boron	10-1	2417	2875	2909	2734	10.05	cps
Boron	11-1	13315	13598	14207	13707	3.33	cps
Bromine	81-1	25423	22259	20674	22785	10.61	cps
Bromine	81-2	2022	2132	1942	2032	4.70	cps
Cadmium	111-1	730	707	715	717	1.62	cps
Cadmium	106-1	3676	3651	3559	3628	1.69	cps
Cadmium	108-1	38	33	38	36	6.67	cps
Calcium	43-1	4167	3134	2309	3203	29.08	cps
Calcium	44-1	81908	63946	53345	66400	21.74	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3030	3147	3097	3091	1.89	cps
Cobalt	59-2	163	220	193	192	14.75	cps
Copper	63-2	2140	2124	2050	2105	2.28	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	17	0	7	8	107.84	cps
Erbium	164-1	67	67	58	64	7.54	cps
Erbium	164-2	50	37	73	53	34.79	cps
Gadolinium	160-1	50	100	33	61	56.78	cps
Gadolinium	160-2	47	47	47	47	0.00	cps
Holmium	165-1	9644334	9842581	9772087	9753001	1.03	cps
Holmium	165-2	6641517	6656402	6564447	6620789	0.75	cps
Indium	115-1	7463051	7431714	7374130	7422965	0.61	cps
Indium	115-2	2367912	2383742	2380205	2377286	0.35	cps
Iron	56-2	19585	19280	19491	19452	0.81	cps
Iron	57-2	456	606	433	498	18.81	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-15	Instrumnet Name :	P7
Client Sample ID :	MA0AM9	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:38:59	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	2212	2082	2222	2172	3.60	cps
Krypton	83-1	1980	2020	1940	1980	2.02	cps
Lead	206-1	2900	3095	2850	2949	4.38	cps
Lead	207-1	2400	2561	2389	2450	3.93	cps
Lead	208-1	11430	11747	11597	11591	1.37	cps
Lithium	6-1	1997301	2049326	2028045	2024891	1.29	cps
Magnesium	24-2	3542	3384	3425	3450	2.38	cps
Manganese	55-2	6438	6305	6211	6318	1.80	cps
Molybdenum	94-1	175	225	342	247	34.59	cps
Molybdenum	95-1	117	25	25	56	95.26	cps
Molybdenum	96-1	58	142	67	89	51.63	cps
Molybdenum	97-1	33	58	17	36	58.08	cps
Molybdenum	98-1	108	83	108	100	14.43	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	1007	1067	1030	1034	2.92	cps
Phosphorus	31-2	375	392	458	408	10.80	cps
Potassium	39-2	80024	77887	78147	78686	1.48	cps
Rhodium	103-1	6770442	6790181	6681786	6747470	0.86	cps
Rhodium	103-2	4304747	4311828	4299566	4305380	0.14	cps
Scandium	45-1	3890944	3911026	3923179	3908383	0.42	cps
Scandium	45-2	357513	354917	355401	355944	0.39	cps
Selenium	82-1	54	5	190	83	115.69	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	191	165	202	186	10.23	cps
Silicon	28-1	14213501	14475484	14401444	14363476	0.94	cps
Silver	107-1	67	117	100	94	26.96	cps
Silver	109-1	75	75	83	78	6.19	cps
Sodium	23-2	145615	142689	143791	144032	1.03	cps
Strontium	86-1	4734	4376	4634	4581	4.04	cps
Strontium	88-1	14599	11572	9795	11989	20.26	cps
Sulfur	34-1	502306	504970	497978	501751	0.70	cps
Terbium	159-1	9766706	10021510	9910669	9899629	1.29	cps
Terbium	159-2	6595281	6490251	6467381	6517638	1.05	cps
Thallium	203-1	200	208	150	186	16.95	cps
Thallium	205-1	475	400	442	439	8.56	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-15	Instrumnet Name :	P7
Client Sample ID :	MA0AM9	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:38:59	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	150	67	72	96	48.38	cps
Tin	118-1	1175	1267	1142	1195	5.42	cps
Titanium	47-1	317	450	400	389	17.32	cps
Uranium	238-1	650	633	342	542	32.01	cps
Vanadium	51-2	80	57	37	58	37.53	cps
Yttrium	89-1	10599201	10503819	10359171	10487397	1.15	cps
Yttrium	89-2	2553128	2556094	2569293	2559505	0.34	cps
Zinc	66-2	2450	2104	2237	2264	7.73	cps
Zirconium	90-1	608	617	592	606	2.10	cps
Zirconium	91-1	142	142	208	164	23.49	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-16	Instrumnet Name :	P7
Client Sample ID :	MA0AS1	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:42:05	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117231	114326	114384	115314	1.44	cps
Antimony	121-1	2875	3067	2850	2931	4.05	cps
Arsenic	75-2	2482	2450	2622	2518	3.64	cps
Barium	135-1	21016	21826	21959	21601	2.36	cps
Barium	137-1	35997	37777	37351	37042	2.51	cps
Beryllium	9-1	267	322	272	287	10.66	cps
Bismuth	209-1	6391200	6382199	6439991	6404463	0.49	cps
Bismuth	209-2	4625414	4655074	4619751	4633413	0.41	cps
Boron	10-1	4709	5526	5134	5123	7.98	cps
Boron	11-1	24670	26373	26148	25731	3.60	cps
Bromine	81-1	28879	34249	37909	33679	13.48	cps
Bromine	81-2	6969	6859	6528	6785	3.38	cps
Cadmium	111-1	761	773	783	772	1.41	cps
Cadmium	106-1	3759	3867	3826	3817	1.43	cps
Cadmium	108-1	100	83	100	94	10.19	cps
Calcium	43-1	769088	781117	792849	781018	1.52	cps
Calcium	44-1	11990450	12263170	12253787	12169136	1.27	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	26781	26975	26751	26836	0.45	cps
Cobalt	59-2	750	773	697	740	5.31	cps
Copper	63-2	3390	3467	3424	3427	1.12	cps
Dysprosium	156-1	2884	3451	3167	3167	8.95	cps
Dysprosium	156-2	1760	1800	1797	1786	1.24	cps
Erbium	164-1	2167	2167	2500	2278	8.45	cps
Erbium	164-2	1547	1537	1530	1538	0.55	cps
Gadolinium	160-1	2317	2242	2525	2361	6.22	cps
Gadolinium	160-2	1827	1823	1670	1773	5.05	cps
Holmium	165-1	9937523	10010267	9911349	9953046	0.51	cps
Holmium	165-2	6598543	6768063	6679634	6682080	1.27	cps
Indium	115-1	7412811	7290937	7218621	7307457	1.34	cps
Indium	115-2	2374716	2389934	2375422	2380024	0.36	cps
Iron	56-2	1206370	1204392	1200159	1203640	0.26	cps
Iron	57-2	31812	31896	31551	31753	0.57	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-16	Instrumnet Name :	P7
Client Sample ID :	MA0AS1	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:42:05	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	68759	68589	68337	68562	0.31	cps
Krypton	83-1	1947	2024	1987	1986	1.93	cps
Lead	206-1	11060	11316	11138	11172	1.17	cps
Lead	207-1	8731	9320	9431	9161	4.11	cps
Lead	208-1	42283	43629	44413	43442	2.48	cps
Lithium	6-1	2014302	2003736	2018539	2012192	0.38	cps
Magnesium	24-2	915769	915089	907517	912791	0.50	cps
Manganese	55-2	18011	17841	17801	17884	0.62	cps
Molybdenum	94-1	72039	73706	73497	73081	1.24	cps
Molybdenum	95-1	118135	124909	122639	121894	2.83	cps
Molybdenum	96-1	131240	132283	132475	131999	0.50	cps
Molybdenum	97-1	75600	74804	73851	74751	1.17	cps
Molybdenum	98-1	191513	196572	199977	196021	2.17	cps
Neodymium	150-1	5595	5541	5321	5486	2.64	cps
Neodymium	150-2	3310	3164	3344	3273	2.93	cps
Nickel	60-2	1440	1267	1217	1308	8.96	cps
Phosphorus	31-2	2184	1992	2134	2103	4.73	cps
Potassium	39-2	950831	946392	945048	947424	0.32	cps
Rhodium	103-1	6598822	6580290	6653358	6610824	0.57	cps
Rhodium	103-2	4242110	4284937	4291042	4272696	0.62	cps
Scandium	45-1	3915531	3896533	3885647	3899237	0.39	cps
Scandium	45-2	356497	355902	359299	357233	0.51	cps
Selenium	82-1	91	8	-35	21	300.92	cps
Selenium	77-2	17	7	13	12	41.65	cps
Selenium	78-2	169	206	181	185	10.15	cps
Silicon	28-1	58164220	59374370	59261926	58933505	1.13	cps
Silver	107-1	50	133	100	94	44.41	cps
Silver	109-1	92	108	167	122	32.22	cps
Sodium	23-2	12830206	12702501	12695069	12742592	0.60	cps
Strontium	86-1	231614	239634	241118	237455	2.15	cps
Strontium	88-1	2003298	2065413	2053809	2040840	1.62	cps
Sulfur	34-1	721646	728071	729721	726479	0.59	cps
Terbium	159-1	10073165	9921560	10029528	10008085	0.78	cps
Terbium	159-2	6523666	6586746	6588990	6566467	0.56	cps
Thallium	203-1	292	350	275	306	12.89	cps
Thallium	205-1	592	583	500	558	9.08	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-16	Instrumnet Name :	P7
Client Sample ID :	MA0AS1	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:42:05	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	74706	76186	78455	76449	2.47	cps
Tin	118-1	2700	2534	2867	2700	6.17	cps
Titanium	47-1	7694	7335	8336	7788	6.51	cps
Uranium	238-1	1176392	1237821	1247885	1220699	3.17	cps
Vanadium	51-2	17624	17911	17143	17559	2.21	cps
Yttrium	89-1	10569336	10474785	10261017	10435046	1.51	cps
Yttrium	89-2	2578330	2569275	2591361	2579655	0.43	cps
Zinc	66-2	2264	2327	2220	2270	2.36	cps
Zirconium	90-1	12030	11980	11605	11872	1.96	cps
Zirconium	91-1	2567	2367	2492	2475	4.08	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-17	Instrumnet Name :	P7
Client Sample ID :	MA0AS1D	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:45:10	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	183127	206175	218818	202706	8.93	cps
Antimony	121-1	2792	2975	2917	2895	3.24	cps
Arsenic	75-2	2493	2578	2560	2543	1.76	cps
Barium	135-1	27903	30033	28622	28853	3.76	cps
Barium	137-1	49907	52332	51186	51142	2.37	cps
Beryllium	9-1	161	178	167	169	5.04	cps
Bismuth	209-1	6614331	6271506	6550951	6478929	2.82	cps
Bismuth	209-2	4742053	4695330	4825784	4754389	1.39	cps
Boron	10-1	4401	4784	5218	4801	8.51	cps
Boron	11-1	22042	23594	23819	23151	4.18	cps
Bromine	81-1	28905	31869	33974	31582	8.06	cps
Bromine	81-2	5096	5537	5156	5263	4.54	cps
Cadmium	111-1	794	745	744	761	3.73	cps
Cadmium	106-1	3842	3684	3709	3745	2.27	cps
Cadmium	108-1	71	83	133	96	34.52	cps
Calcium	43-1	765726	793430	773439	777532	1.84	cps
Calcium	44-1	11927913	12314332	12100141	12114129	1.60	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	24918	25268	25389	25192	0.97	cps
Cobalt	59-2	650	610	597	619	4.48	cps
Copper	63-2	3397	3470	3417	3428	1.11	cps
Dysprosium	156-1	2259	2492	2084	2278	8.99	cps
Dysprosium	156-2	1133	1250	1233	1206	5.23	cps
Erbium	164-1	1617	1667	1608	1631	1.93	cps
Erbium	164-2	1083	1003	1070	1052	4.07	cps
Gadolinium	160-1	1758	1617	1642	1672	4.52	cps
Gadolinium	160-2	1090	1123	1293	1169	9.33	cps
Holmium	165-1	10426108	9670412	10320003	10138841	4.04	cps
Holmium	165-2	6958571	6796599	6999329	6918166	1.55	cps
Indium	115-1	7601701	7162239	7632012	7465317	3.52	cps
Indium	115-2	2450563	2409492	2479269	2446441	1.43	cps
Iron	56-2	1550267	1672549	1756653	1659823	6.25	cps
Iron	57-2	41504	43348	46396	43749	5.65	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-17	Instrumnet Name :	P7
Client Sample ID :	MA0AS1D	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:45:10	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	86956	91446	100364	92922	7.34	cps
Krypton	83-1	2077	1943	2130	2050	4.69	cps
Lead	206-1	9565	9926	9637	9709	1.97	cps
Lead	207-1	8025	8358	8103	8162	2.14	cps
Lead	208-1	36948	38951	37833	37911	2.65	cps
Lithium	6-1	2089741	1958401	2037907	2028683	3.26	cps
Magnesium	24-2	881039	892946	908726	894237	1.55	cps
Manganese	55-2	18622	19360	19463	19148	2.40	cps
Molybdenum	94-1	74025	75457	74779	74753	0.96	cps
Molybdenum	95-1	119833	125925	122857	122872	2.48	cps
Molybdenum	96-1	129955	135808	133459	133074	2.21	cps
Molybdenum	97-1	76765	78573	77309	77549	1.20	cps
Molybdenum	98-1	195998	203847	200713	200186	1.97	cps
Neodymium	150-1	3414	3747	3587	3583	4.65	cps
Neodymium	150-2	2217	1990	2030	2079	5.82	cps
Nickel	60-2	1010	1227	1167	1135	9.86	cps
Phosphorus	31-2	1975	2192	2067	2078	5.23	cps
Potassium	39-2	923974	946275	963211	944487	2.08	cps
Rhodium	103-1	6813530	6446504	6746357	6668797	2.93	cps
Rhodium	103-2	4397861	4377916	4453852	4409876	0.89	cps
Scandium	45-1	4047430	3829459	3990051	3955646	2.86	cps
Scandium	45-2	370008	368373	376491	371624	1.16	cps
Selenium	82-1	-61	38	-178	-67	-161.62	cps
Selenium	77-2	10	3	3	6	69.34	cps
Selenium	78-2	185	172	202	186	7.97	cps
Silicon	28-1	57680018	59705208	58266072	58550433	1.78	cps
Silver	107-1	208	192	158	186	13.68	cps
Silver	109-1	92	117	83	97	17.84	cps
Sodium	23-2	12456373	12831745	13138888	12809002	2.67	cps
Strontium	86-1	231010	240227	234551	235263	1.98	cps
Strontium	88-1	1988332	2072535	2008086	2022984	2.18	cps
Sulfur	34-1	727084	734923	722906	728304	0.84	cps
Terbium	159-1	10558852	9793839	10255675	10202789	3.78	cps
Terbium	159-2	6856689	6664803	6727046	6749513	1.45	cps
Thallium	203-1	225	192	175	197	12.91	cps
Thallium	205-1	542	617	692	617	12.16	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-17	Instrumnet Name :	P7
Client Sample ID :	MA0AS1D	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:45:10	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	45557	47514	45590	46220	2.42	cps
Tin	118-1	2167	2250	2434	2284	5.97	cps
Titanium	47-1	13865	14475	13065	13802	5.12	cps
Uranium	238-1	1192327	1239663	1216942	1216310	1.95	cps
Vanadium	51-2	17497	18208	17797	17834	2.00	cps
Yttrium	89-1	10853317	10022127	10599805	10491750	4.06	cps
Yttrium	89-2	2646725	2630017	2673193	2649978	0.82	cps
Zinc	66-2	2587	2260	2637	2495	8.20	cps
Zirconium	90-1	16009	15851	15492	15784	1.68	cps
Zirconium	91-1	3150	3667	3284	3367	7.97	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-16LX5	Instrumnet Name :	P7
Client Sample ID :	MA0AS1L	Dilution Factor :	5
Date & Time Acquired ::	2021-05-21 11:48:14	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23102	22977	22759	22946	0.75	cps
Antimony	121-1	600	600	592	597	0.81	cps
Arsenic	75-2	524	543	530	532	1.79	cps
Barium	135-1	4401	4534	4484	4473	1.51	cps
Barium	137-1	7544	7852	7769	7722	2.07	cps
Beryllium	9-1	128	94	111	111	15.00	cps
Bismuth	209-1	7156251	7210949	6729915	7032372	3.74	cps
Bismuth	209-2	4834572	4850296	4868169	4851012	0.35	cps
Boron	10-1	1483	1475	1392	1450	3.50	cps
Boron	11-1	6385	7177	7002	6855	6.07	cps
Bromine	81-1	17736	17411	17561	17569	0.93	cps
Bromine	81-2	1822	2142	2333	2099	12.29	cps
Cadmium	111-1	800	777	820	799	2.69	cps
Cadmium	106-1	4126	3934	4134	4065	2.78	cps
Cadmium	108-1	54	50	46	50	8.34	cps
Calcium	43-1	161970	161816	162389	162059	0.18	cps
Calcium	44-1	2543468	2574414	2571477	2563120	0.67	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6622	6311	6501	6478	2.41	cps
Cobalt	59-2	223	193	187	201	9.71	cps
Copper	63-2	1433	1533	1487	1485	3.37	cps
Dysprosium	156-1	800	642	742	728	11.00	cps
Dysprosium	156-2	400	377	267	348	20.48	cps
Erbium	164-1	467	542	550	519	8.84	cps
Erbium	164-2	347	317	257	307	14.94	cps
Gadolinium	160-1	467	650	517	544	17.41	cps
Gadolinium	160-2	377	357	437	390	10.68	cps
Holmium	165-1	10615441	10789067	10415718	10606742	1.76	cps
Holmium	165-2	6950358	6792390	6986381	6909710	1.49	cps
Indium	115-1	7869983	7855600	7751495	7825693	0.83	cps
Indium	115-2	2502506	2495191	2494500	2497399	0.18	cps
Iron	56-2	247939	244375	246950	246421	0.75	cps
Iron	57-2	6407	7224	6413	6681	7.04	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-16LX5	Instrumnet Name :	P7
Client Sample ID :	MA0AS1L	Dilution Factor :	5
Date & Time Acquired ::	2021-05-21 11:48:14	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	15003	14492	15384	14960	2.99	cps
Krypton	83-1	1953	1997	2134	2028	4.63	cps
Lead	206-1	3084	2817	3112	3004	5.41	cps
Lead	207-1	2350	2467	2461	2426	2.71	cps
Lead	208-1	11258	11536	11624	11473	1.67	cps
Lithium	6-1	2120624	2102171	2076369	2099721	1.06	cps
Magnesium	24-2	184067	185798	184952	184939	0.47	cps
Manganese	55-2	3614	3604	3654	3624	0.73	cps
Molybdenum	94-1	14950	14458	15626	15011	3.91	cps
Molybdenum	95-1	23603	24864	24647	24371	2.77	cps
Molybdenum	96-1	26166	27218	27160	26848	2.20	cps
Molybdenum	97-1	15242	15125	15792	15386	2.32	cps
Molybdenum	98-1	38352	40232	39798	39461	2.49	cps
Neodymium	150-1	1233	1113	1013	1120	9.83	cps
Neodymium	150-2	700	650	637	662	5.04	cps
Nickel	60-2	463	310	420	398	19.87	cps
Phosphorus	31-2	725	750	725	733	1.97	cps
Potassium	39-2	245720	250525	246915	247720	1.01	cps
Rhodium	103-1	7202159	7179545	7055597	7145767	1.10	cps
Rhodium	103-2	4508943	4520185	4493064	4507397	0.30	cps
Scandium	45-1	4177060	4123197	4091097	4130451	1.05	cps
Scandium	45-2	376846	375832	374093	375590	0.37	cps
Selenium	82-1	78	-30	-57	-3	-2419.66	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	194	207	178	193	7.69	cps
Silicon	28-1	12050570	12333758	12205766	12196698	1.16	cps
Silver	107-1	108	175	92	125	35.28	cps
Silver	109-1	17	42	58	39	53.93	cps
Sodium	23-2	2547150	2544448	2530535	2540711	0.35	cps
Strontium	86-1	50874	50632	50790	50765	0.24	cps
Strontium	88-1	416117	415151	412457	414575	0.46	cps
Sulfur	34-1	546931	538962	538699	541531	0.86	cps
Terbium	159-1	10858908	10573779	10477453	10636714	1.86	cps
Terbium	159-2	6974058	6872808	6848816	6898561	0.96	cps
Thallium	203-1	158	200	175	178	11.80	cps
Thallium	205-1	533	567	383	494	19.75	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-16LX5	Instrumnet Name :	P7
Client Sample ID :	MA0AS1L	Dilution Factor :	5
Date & Time Acquired ::	2021-05-21 11:48:14	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	14814	14992	15231	15013	1.39	cps
Tin	118-1	808	942	1025	925	11.82	cps
Titanium	47-1	1600	1742	1683	1675	4.25	cps
Uranium	238-1	243683	249438	245882	246334	1.18	cps
Vanadium	51-2	3697	3297	3450	3482	5.80	cps
Yttrium	89-1	11128120	11195611	11051207	11124979	0.65	cps
Yttrium	89-2	2681101	2707937	2677288	2688775	0.62	cps
Zinc	66-2	863	747	827	812	7.35	cps
Zirconium	90-1	2875	2842	2567	2761	6.13	cps
Zirconium	91-1	550	500	550	533	5.41	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-18	Instrumnet Name :	P7
Client Sample ID :	MA0AS1S	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:51:18	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	366598	367306	373742	369215	1.07	cps
Antimony	121-1	668303	692642	692458	684468	2.05	cps
Arsenic	75-2	17664	17505	17193	17454	1.37	cps
Barium	135-1	3256446	3290839	3293626	3280304	0.63	cps
Barium	137-1	5706300	5762263	5828112	5765558	1.06	cps
Beryllium	9-1	59806	60559	61691	60686	1.56	cps
Bismuth	209-1	6507381	6500539	6552228	6520049	0.43	cps
Bismuth	209-2	4688343	4679605	4762904	4710284	0.97	cps
Boron	10-1	4751	4693	4943	4795	2.73	cps
Boron	11-1	22342	24211	25706	24086	7.00	cps
Bromine	81-1	21909	25340	27435	24894	11.21	cps
Bromine	81-2	4255	4425	4415	4365	2.19	cps
Cadmium	111-1	86467	89540	89018	88342	1.86	cps
Cadmium	106-1	11672	12614	11538	11942	4.91	cps
Cadmium	108-1	5914	6243	6597	6251	5.47	cps
Calcium	43-1	775702	796263	804965	792310	1.90	cps
Calcium	44-1	12099690	12385099	12643739	12376176	2.20	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	671036	672607	674049	672564	0.22	cps
Cobalt	59-2	2562386	2546243	2560651	2556427	0.35	cps
Copper	63-2	916722	916149	928908	920593	0.78	cps
Dysprosium	156-1	2159	2275	2517	2317	7.89	cps
Dysprosium	156-2	1273	1277	1197	1249	3.62	cps
Erbium	164-1	1442	1558	1558	1520	4.43	cps
Erbium	164-2	997	997	1100	1031	5.79	cps
Gadolinium	160-1	1725	1742	1742	1736	0.55	cps
Gadolinium	160-2	1293	1327	1137	1252	8.10	cps
Holmium	165-1	10292857	10207588	10241558	10247335	0.42	cps
Holmium	165-2	6793275	6790640	6804218	6796044	0.11	cps
Indium	115-1	7511495	7405253	7567060	7494603	1.10	cps
Indium	115-2	2412476	2407797	2435531	2418601	0.61	cps
Iron	56-2	4001259	3963512	3997505	3987425	0.52	cps
Iron	57-2	102381	101324	101162	101622	0.65	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-18	Instrumnet Name :	P7
Client Sample ID :	MA0AS1S	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:51:18	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	247272	244248	250032	247184	1.17	cps
Krypton	83-1	2074	2003	1897	1991	4.47	cps
Lead	206-1	136289	139551	139427	138422	1.34	cps
Lead	207-1	120271	120562	122675	121169	1.08	cps
Lead	208-1	543535	553414	556027	550992	1.20	cps
Lithium	6-1	2015854	2026980	2028096	2023643	0.33	cps
Magnesium	24-2	882420	867772	884008	878067	1.02	cps
Manganese	55-2	1106670	1110218	1116161	1111016	0.43	cps
Molybdenum	94-1	73598	75197	76219	75005	1.76	cps
Molybdenum	95-1	123162	123092	123715	123323	0.28	cps
Molybdenum	96-1	132737	134990	137489	135072	1.76	cps
Molybdenum	97-1	77300	78105	79521	78309	1.44	cps
Molybdenum	98-1	197449	203778	203690	201639	1.80	cps
Neodymium	150-1	4061	4081	4161	4101	1.29	cps
Neodymium	150-2	2154	2167	2217	2179	1.53	cps
Nickel	60-2	665168	664065	665667	664967	0.12	cps
Phosphorus	31-2	2092	2042	2317	2150	6.81	cps
Potassium	39-2	962138	955864	967549	961850	0.61	cps
Rhodium	103-1	6697568	6726892	6743588	6722683	0.35	cps
Rhodium	103-2	4345973	4314564	4364285	4341608	0.58	cps
Scandium	45-1	3999453	3978823	4007773	3995350	0.37	cps
Scandium	45-2	366369	363818	367264	365817	0.49	cps
Selenium	82-1	10492	10875	10994	10787	2.43	cps
Selenium	77-2	857	937	940	911	5.18	cps
Selenium	78-2	3476	3558	3608	3547	1.87	cps
Silicon	28-1	55537157	56605768	56706355	56283094	1.15	cps
Silver	107-1	420869	436243	437704	431606	2.16	cps
Silver	109-1	410992	420351	421558	417634	1.38	cps
Sodium	23-2	12966101	13091979	13129785	13062621	0.66	cps
Strontium	86-1	235003	239577	239542	238041	1.11	cps
Strontium	88-1	2011949	2069204	2087390	2056181	1.91	cps
Sulfur	34-1	747245	743070	733985	741433	0.91	cps
Terbium	159-1	10163032	10232601	10327870	10241168	0.81	cps
Terbium	159-2	6686996	6543443	6705933	6645458	1.34	cps
Thallium	203-1	381256	392434	397195	390295	2.10	cps
Thallium	205-1	926365	946700	941648	938238	1.13	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-18	Instrumnet Name :	P7
Client Sample ID :	MA0AS1S	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:51:18	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	47073	47770	46917	47254	0.96	cps
Tin	118-1	3876	3992	3984	3951	1.65	cps
Titanium	47-1	9503	9787	10496	9929	5.15	cps
Uranium	238-1	1223087	1235688	1242042	1233606	0.78	cps
Vanadium	51-2	1363434	1359919	1370406	1364586	0.39	cps
Yttrium	89-1	10607434	10542063	10814176	10654558	1.33	cps
Yttrium	89-2	2624961	2617587	2648977	2630508	0.62	cps
Zinc	66-2	297705	300926	299797	299476	0.55	cps
Zirconium	90-1	9912	10279	10104	10098	1.82	cps
Zirconium	91-1	2242	2492	2134	2289	8.03	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-19	Instrumnet Name :	P7
Client Sample ID :	MA0AS5	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:54:22	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2142	1692	1575	1803	16.60	cps
Antimony	121-1	3192	3092	2867	3050	5.46	cps
Arsenic	75-2	4445	4403	4390	4412	0.66	cps
Barium	135-1	27954	27928	27118	27667	1.72	cps
Barium	137-1	48777	49489	46888	48385	2.78	cps
Beryllium	9-1	150	100	106	119	23.12	cps
Bismuth	209-1	6400730	6429993	6431075	6420599	0.27	cps
Bismuth	209-2	4695233	4630508	4651632	4659124	0.71	cps
Boron	10-1	7160	7002	7327	7163	2.27	cps
Boron	11-1	32327	34991	36043	34454	5.56	cps
Bromine	81-1	22577	24822	26984	24794	8.89	cps
Bromine	81-2	4145	4365	4035	4182	4.02	cps
Cadmium	111-1	960	782	853	865	10.35	cps
Cadmium	106-1	3984	3409	3867	3753	8.10	cps
Cadmium	108-1	113	125	142	126	11.58	cps
Calcium	43-1	771803	793325	796203	787110	1.69	cps
Calcium	44-1	12145141	12185730	12238584	12189818	0.38	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3127	2884	3170	3060	5.05	cps
Cobalt	59-2	1097	983	907	996	9.60	cps
Copper	63-2	1803	1740	1747	1763	1.97	cps
Dysprosium	156-1	92	75	25	64	54.31	cps
Dysprosium	156-2	37	23	30	30	22.23	cps
Erbium	164-1	108	92	100	100	8.33	cps
Erbium	164-2	73	93	50	72	30.03	cps
Gadolinium	160-1	8	67	100	58	79.54	cps
Gadolinium	160-2	83	93	67	81	16.60	cps
Holmium	165-1	10112635	10113970	10156347	10127651	0.25	cps
Holmium	165-2	6873849	6713852	6717668	6768456	1.35	cps
Indium	115-1	7385086	7530099	7461342	7458842	0.97	cps
Indium	115-2	2421943	2408716	2429191	2419950	0.43	cps
Iron	56-2	512570	511367	511310	511749	0.14	cps
Iron	57-2	14207	15058	14229	14498	3.35	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-19	Instrumnet Name :	P7
Client Sample ID :	MA0AS5	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:54:22	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	28797	30463	29761	29674	2.82	cps
Krypton	83-1	2110	1927	1980	2006	4.70	cps
Lead	206-1	1233	1228	1328	1263	4.45	cps
Lead	207-1	1156	1117	856	1043	15.65	cps
Lead	208-1	5484	5439	5034	5319	4.66	cps
Lithium	6-1	2008587	2002497	2008750	2006611	0.18	cps
Magnesium	24-2	936933	946527	938185	940548	0.55	cps
Manganese	55-2	158415	158849	157529	158265	0.43	cps
Molybdenum	94-1	180677	185066	186392	184045	1.63	cps
Molybdenum	95-1	315099	324855	322882	320945	1.61	cps
Molybdenum	96-1	340083	352786	347577	346815	1.84	cps
Molybdenum	97-1	195787	202714	200587	199696	1.78	cps
Molybdenum	98-1	510960	523532	523254	519249	1.38	cps
Neodymium	150-1	60	47	53	53	12.50	cps
Neodymium	150-2	40	43	33	39	13.09	cps
Nickel	60-2	1017	887	920	941	7.17	cps
Phosphorus	31-2	3167	3367	3009	3181	5.65	cps
Potassium	39-2	1122379	1136131	1124973	1127828	0.65	cps
Rhodium	103-1	6607419	6730300	6617797	6651839	1.02	cps
Rhodium	103-2	4344712	4302784	4322980	4323492	0.48	cps
Scandium	45-1	3918160	3977027	3968459	3954549	0.80	cps
Scandium	45-2	367313	373210	370791	370438	0.80	cps
Selenium	82-1	-156	-67	15	-69	-123.58	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	193	161	167	173	9.69	cps
Silicon	28-1	39503115	40052763	41298236	40284705	2.28	cps
Silver	107-1	717	783	525	675	19.87	cps
Silver	109-1	708	517	417	547	27.08	cps
Sodium	23-2	59685616	60441697	60165383	60097565	0.64	cps
Strontium	86-1	259004	265001	263828	262611	1.21	cps
Strontium	88-1	2210691	2286956	2307039	2268229	2.24	cps
Sulfur	34-1	2409721	2462432	2484018	2452057	1.56	cps
Terbium	159-1	10339799	10197995	10346365	10294720	0.81	cps
Terbium	159-2	6721006	6607428	6695304	6674579	0.89	cps
Thallium	203-1	675	508	375	519	28.94	cps
Thallium	205-1	1650	1350	817	1272	33.18	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-19	Instrumnet Name :	P7
Client Sample ID :	MA0AS5	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:54:22	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	628	472	472	524	17.14	cps
Tin	118-1	4959	5259	5259	5159	3.36	cps
Titanium	47-1	1042	1067	917	1008	7.97	cps
Uranium	238-1	2098339	2127365	2139381	2121695	0.99	cps
Vanadium	51-2	2980	2927	2897	2935	1.44	cps
Yttrium	89-1	10430036	10485642	10645467	10520382	1.06	cps
Yttrium	89-2	2636497	2628629	2637582	2634236	0.19	cps
Zinc	66-2	1017	1023	973	1004	2.70	cps
Zirconium	90-1	1067	867	1133	1022	13.58	cps
Zirconium	91-1	225	183	175	194	13.78	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-20	Instrumnet Name :	P7
Client Sample ID :	MA0AS7	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:57:26	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1083	1050	1050	1061	1.81	cps
Antimony	121-1	3542	3517	2984	3348	9.42	cps
Arsenic	75-2	1259	1272	1209	1247	2.67	cps
Barium	135-1	11630	12698	11305	11878	6.13	cps
Barium	137-1	20633	21208	20958	20933	1.38	cps
Beryllium	9-1	56	78	67	67	16.66	cps
Bismuth	209-1	6677824	6490375	6489131	6552443	1.66	cps
Bismuth	209-2	4694401	4693115	4672121	4686546	0.27	cps
Boron	10-1	6635	7369	7560	7188	6.80	cps
Boron	11-1	31784	34766	36369	34306	6.78	cps
Bromine	81-1	29723	35636	39446	34935	14.02	cps
Bromine	81-2	6608	6859	7359	6942	5.51	cps
Cadmium	111-1	823	719	788	777	6.77	cps
Cadmium	106-1	3942	3626	3901	3823	4.50	cps
Cadmium	108-1	100	92	108	100	8.33	cps
Calcium	43-1	1016058	1050385	1053922	1040121	2.01	cps
Calcium	44-1	15821439	16214872	16399776	16145362	1.83	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3891	3754	3874	3839	1.94	cps
Cobalt	59-2	200	240	227	222	9.17	cps
Copper	63-2	2904	2917	2827	2883	1.69	cps
Dysprosium	156-1	17	17	25	19	24.73	cps
Dysprosium	156-2	10	10	7	9	21.63	cps
Erbium	164-1	83	75	108	89	19.52	cps
Erbium	164-2	47	40	47	44	8.66	cps
Gadolinium	160-1	58	42	25	42	40.00	cps
Gadolinium	160-2	53	87	57	66	28.01	cps
Holmium	165-1	10480342	10204252	10351990	10345528	1.34	cps
Holmium	165-2	6858829	6786101	6789410	6811446	0.60	cps
Indium	115-1	7798685	7553876	7572457	7641673	1.78	cps
Indium	115-2	2440413	2421848	2425083	2429115	0.41	cps
Iron	56-2	12439	12300	12305	12348	0.64	cps
Iron	57-2	2395	2489	2400	2428	2.18	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-20	Instrumnet Name :	P7
Client Sample ID :	MA0AS7	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:57:26	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1582	2022	1672	1759	13.23	cps
Krypton	83-1	2047	2127	1953	2042	4.25	cps
Lead	206-1	883	983	928	932	5.38	cps
Lead	207-1	739	917	906	854	11.67	cps
Lead	208-1	3395	3989	4011	3798	9.21	cps
Lithium	6-1	2068233	2020860	2028501	2039198	1.25	cps
Magnesium	24-2	1016954	1013420	1015182	1015185	0.17	cps
Manganese	55-2	9537	9083	9303	9307	2.44	cps
Molybdenum	94-1	76169	78239	80083	78164	2.50	cps
Molybdenum	95-1	130751	136336	138457	135181	2.94	cps
Molybdenum	96-1	144869	146697	148388	146651	1.20	cps
Molybdenum	97-1	83208	87190	86453	85617	2.47	cps
Molybdenum	98-1	215863	224415	225207	221828	2.34	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	380	373	367	373	1.79	cps
Phosphorus	31-2	1550	1417	1758	1575	10.93	cps
Potassium	39-2	628292	629027	631058	629459	0.23	cps
Rhodium	103-1	6983912	6852768	6744476	6860385	1.75	cps
Rhodium	103-2	4373594	4369623	4370360	4371193	0.05	cps
Scandium	45-1	4108473	3969938	4010999	4029804	1.77	cps
Scandium	45-2	367961	368350	367370	367894	0.13	cps
Selenium	82-1	-121	-207	49	-93	-139.92	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	178	167	170	172	3.30	cps
Silicon	28-1	43505704	44836023	45288299	44543342	2.08	cps
Silver	107-1	175	150	100	142	26.96	cps
Silver	109-1	167	167	175	169	2.84	cps
Sodium	23-2	13590042	13859474	13716028	13721848	0.98	cps
Strontium	86-1	268027	276373	278774	274391	2.06	cps
Strontium	88-1	2308930	2368173	2412090	2363064	2.19	cps
Sulfur	34-1	802853	806375	812192	807140	0.58	cps
Terbium	159-1	10679794	10285045	10457155	10473998	1.89	cps
Terbium	159-2	6769443	6648001	6723221	6713555	0.91	cps
Thallium	203-1	450	325	417	397	16.29	cps
Thallium	205-1	775	750	642	722	9.81	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-20	Instrumnet Name :	P7
Client Sample ID :	MA0AS7	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 11:57:26	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	222	150	194	189	19.29	cps
Tin	118-1	1342	1608	1483	1478	9.03	cps
Titanium	47-1	550	758	617	642	16.58	cps
Uranium	238-1	2569291	2701254	2710867	2660470	2.97	cps
Vanadium	51-2	3380	3064	3244	3229	4.92	cps
Yttrium	89-1	11060483	10657579	10637707	10785256	2.21	cps
Yttrium	89-2	2630365	2612655	2627889	2623636	0.37	cps
Zinc	66-2	1320	1243	1400	1321	5.93	cps
Zirconium	90-1	867	967	750	861	12.59	cps
Zirconium	91-1	92	250	142	161	50.24	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-21	Instrumnet Name :	P7
Client Sample ID :	MA0AX1	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 12:00:31	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	250	325	300	292	13.09	cps
Antimony	121-1	942	1092	1267	1100	14.79	cps
Arsenic	75-2	13	20	9	14	39.85	cps
Barium	135-1	27636	27244	27520	27467	0.73	cps
Barium	137-1	48761	50626	49421	49603	1.91	cps
Beryllium	9-1	139	133	167	146	12.21	cps
Bismuth	209-1	6560032	6508422	6539242	6535899	0.40	cps
Bismuth	209-2	4682212	4736684	4708983	4709293	0.58	cps
Boron	10-1	3400	3792	3801	3664	6.24	cps
Boron	11-1	16893	18612	18036	17847	4.90	cps
Bromine	81-1	21174	20949	21299	21141	0.84	cps
Bromine	81-2	2593	2743	2753	2696	3.33	cps
Cadmium	111-1	816	781	749	782	4.29	cps
Cadmium	106-1	3901	3626	3634	3720	4.21	cps
Cadmium	108-1	38	33	33	35	6.93	cps
Calcium	43-1	212614	215150	218352	215372	1.34	cps
Calcium	44-1	3407102	3448004	3480363	3445156	1.07	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3127	3247	2914	3096	5.45	cps
Cobalt	59-2	330	287	237	284	16.42	cps
Copper	63-2	833308	824054	832099	829820	0.61	cps
Dysprosium	156-1	8	42	25	25	66.68	cps
Dysprosium	156-2	3	37	13	18	96.24	cps
Erbium	164-1	67	75	100	81	21.53	cps
Erbium	164-2	63	53	43	53	18.75	cps
Gadolinium	160-1	75	58	33	56	37.75	cps
Gadolinium	160-2	53	93	47	64	39.16	cps
Holmium	165-1	10267961	10037985	10190523	10165490	1.15	cps
Holmium	165-2	6730428	6697163	6712109	6713233	0.25	cps
Indium	115-1	7617806	7483406	7543397	7548203	0.89	cps
Indium	115-2	2422093	2419719	2420926	2420913	0.05	cps
Iron	56-2	39553	39871	41933	40452	3.19	cps
Iron	57-2	1228	1706	1483	1472	16.24	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-21	Instrumnet Name :	P7
Client Sample ID :	MA0AX1	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 12:00:31	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	3384	3104	3324	3270	4.51	cps
Krypton	83-1	2013	1943	2187	2048	6.12	cps
Lead	206-1	18658	18285	18908	18617	1.68	cps
Lead	207-1	15554	15748	15943	15748	1.24	cps
Lead	208-1	71592	72712	73407	72570	1.26	cps
Lithium	6-1	2006051	1995516	1982464	1994677	0.59	cps
Magnesium	24-2	898289	894030	889717	894012	0.48	cps
Manganese	55-2	25118	25252	25058	25143	0.39	cps
Molybdenum	94-1	342	333	292	322	8.31	cps
Molybdenum	95-1	308	158	83	183	62.49	cps
Molybdenum	96-1	292	333	283	303	8.85	cps
Molybdenum	97-1	208	183	167	186	11.27	cps
Molybdenum	98-1	475	325	292	364	26.84	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	7	10	13	10	33.30	cps
Nickel	60-2	6278	6231	6405	6305	1.42	cps
Phosphorus	31-2	350	392	317	353	10.65	cps
Potassium	39-2	437217	433363	434688	435089	0.45	cps
Rhodium	103-1	6883297	6678112	6747599	6769669	1.54	cps
Rhodium	103-2	4360102	4404672	4389974	4384916	0.52	cps
Scandium	45-1	3977535	3956982	3969485	3968001	0.26	cps
Scandium	45-2	364642	364494	364331	364489	0.04	cps
Selenium	82-1	-120	8	-251	-121	-106.97	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	170	209	198	193	10.40	cps
Silicon	28-1	34633488	35226833	35627744	35162688	1.42	cps
Silver	107-1	142	133	175	150	14.70	cps
Silver	109-1	133	150	67	117	37.80	cps
Sodium	23-2	4600779	4565411	4528690	4564960	0.79	cps
Strontium	86-1	106979	107726	109851	108185	1.38	cps
Strontium	88-1	927229	932193	938704	932709	0.62	cps
Sulfur	34-1	545164	535588	538566	539773	0.91	cps
Terbium	159-1	10241933	10220208	10239755	10233965	0.12	cps
Terbium	159-2	6686898	6584699	6733724	6668440	1.14	cps
Thallium	203-1	117	317	183	206	49.54	cps
Thallium	205-1	617	450	475	514	17.49	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-21	Instrumnet Name :	P7
Client Sample ID :	MA0AX1	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 12:00:31	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	94	89	100	94	5.88	cps
Tin	118-1	1008	967	1058	1011	4.54	cps
Titanium	47-1	600	683	658	647	6.61	cps
Uranium	238-1	44652	44861	44777	44763	0.24	cps
Vanadium	51-2	187	163	180	177	6.80	cps
Yttrium	89-1	10838776	10511301	10637837	10662638	1.55	cps
Yttrium	89-2	2608840	2597991	2637355	2614729	0.78	cps
Zinc	66-2	95523	95821	95734	95693	0.16	cps
Zirconium	90-1	617	658	717	664	7.57	cps
Zirconium	91-1	183	167	108	153	25.78	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-05DLX2	Instrumnet Name :	P7
Client Sample ID :	MA0AY8DL	Dilution Factor :	2
Date & Time Acquired ::	2021-05-21 12:03:36	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1894338	1923197	1936503	1918013	1.12	cps
Antimony	121-1	78980	81980	81201	80720	1.93	cps
Arsenic	75-2	1826	1754	1761	1780	2.23	cps
Barium	135-1	674780	690863	690063	685235	1.32	cps
Barium	137-1	1189798	1219003	1227500	1212100	1.63	cps
Beryllium	9-1	983	1033	1056	1024	3.61	cps
Bismuth	209-1	6691224	7203133	7173336	7022564	4.09	cps
Bismuth	209-2	4760762	4864849	4914677	4846762	1.62	cps
Boron	10-1	6135	6785	6802	6574	5.79	cps
Boron	11-1	29421	30440	32168	30676	4.53	cps
Bromine	81-1	25732	26976	27736	26814	3.77	cps
Bromine	81-2	4305	3935	3915	4051	5.43	cps
Cadmium	111-1	2059	2059	2227	2115	4.61	cps
Cadmium	106-1	5009	4601	4776	4795	4.27	cps
Cadmium	108-1	342	350	338	343	1.86	cps
Calcium	43-1	9090008	9296981	9273341	9220110	1.23	cps
Calcium	44-1	146841653	147981490	149009477	147944206	0.73	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2155150	2181544	2183721	2173472	0.73	cps
Cobalt	59-2	24470	24190	24631	24430	0.91	cps
Copper	63-2	155977	161338	159221	158845	1.70	cps
Dysprosium	156-1	13657	13699	13774	13710	0.43	cps
Dysprosium	156-2	8396	8199	8363	8319	1.27	cps
Erbium	164-1	10946	12031	11947	11641	5.18	cps
Erbium	164-2	7205	7459	7289	7318	1.77	cps
Gadolinium	160-1	11897	11538	12298	11911	3.19	cps
Gadolinium	160-2	8506	8409	8936	8617	3.26	cps
Holmium	165-1	10712510	10872658	10918199	10834456	1.00	cps
Holmium	165-2	7223649	7325161	7484495	7344435	1.79	cps
Indium	115-1	7816470	7870986	7798643	7828700	0.48	cps
Indium	115-2	2536308	2586465	2604160	2575644	1.37	cps
Iron	56-2	29080281	29582726	29238763	29300590	0.88	cps
Iron	57-2	731825	757868	750830	746841	1.80	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-05DLX2	Instrumnet Name :	P7
Client Sample ID :	MA0AY8DL	Dilution Factor :	2
Date & Time Acquired ::	2021-05-21 12:03:36	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1684686	1678669	1703204	1688853	0.76	cps
Krypton	83-1	1897	2013	1820	1910	5.10	cps
Lead	206-1	40016	40484	40857	40452	1.04	cps
Lead	207-1	32506	33704	33921	33377	2.28	cps
Lead	208-1	154468	157378	159075	156974	1.48	cps
Lithium	6-1	2154289	2128717	2148996	2144001	0.63	cps
Magnesium	24-2	2590046	2631713	2615593	2612451	0.80	cps
Manganese	55-2	842111	848520	851150	847261	0.55	cps
Molybdenum	94-1	77761	80259	80752	79591	2.01	cps
Molybdenum	95-1	30692	31185	31477	31118	1.28	cps
Molybdenum	96-1	43809	43508	45205	44174	2.05	cps
Molybdenum	97-1	19172	19914	20290	19792	2.88	cps
Molybdenum	98-1	49712	50431	51334	50492	1.61	cps
Neodymium	150-1	19661	19948	19841	19817	0.73	cps
Neodymium	150-2	11151	11445	11275	11290	1.31	cps
Nickel	60-2	63209	63681	63567	63485	0.39	cps
Phosphorus	31-2	2084	1984	1884	1984	5.04	cps
Potassium	39-2	3658892	3756305	3720884	3712027	1.33	cps
Rhodium	103-1	6968015	6907284	6975742	6950347	0.54	cps
Rhodium	103-2	4477651	4521621	4559706	4519660	0.91	cps
Scandium	45-1	4301535	4244517	4273448	4273167	0.67	cps
Scandium	45-2	393574	400252	403785	399203	1.30	cps
Selenium	82-1	-647	-601	-564	-604	-6.85	cps
Selenium	77-2	37	33	33	34	5.60	cps
Selenium	78-2	200	193	185	193	3.84	cps
Silicon	28-1	154237828	158360612	157101283	156566574	1.35	cps
Silver	107-1	1625	1800	1925	1783	8.45	cps
Silver	109-1	1433	1425	1750	1536	12.06	cps
Sodium	23-2	45721058	46319025	45609828	45883304	0.83	cps
Strontium	86-1	3694744	3789686	3795171	3759867	1.50	cps
Strontium	88-1	33521647	34364904	34042450	33976333	1.25	cps
Sulfur	34-1	872726	883729	889155	881870	0.95	cps
Terbium	159-1	10913793	10699885	10903578	10839086	1.11	cps
Terbium	159-2	7106470	7121845	7307376	7178564	1.56	cps
Thallium	203-1	975	967	800	914	10.80	cps
Thallium	205-1	1975	2425	2125	2175	10.54	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-05DLX2	Instrumnet Name :	P7
Client Sample ID :	MA0AY8DL	Dilution Factor :	2
Date & Time Acquired ::	2021-05-21 12:03:36	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	89956	91550	92317	91274	1.32	cps
Tin	118-1	22301	23353	23211	22955	2.49	cps
Titanium	47-1	394852	398202	403555	398870	1.10	cps
Uranium	238-1	39226	39552	40062	39613	1.06	cps
Vanadium	51-2	70500	71515	70715	70910	0.75	cps
Yttrium	89-1	11515341	11269393	11457909	11414215	1.13	cps
Yttrium	89-2	2833414	2858210	2911786	2867803	1.40	cps
Zinc	66-2	92862	92618	93624	93035	0.56	cps
Zirconium	90-1	165073	166709	171784	167856	2.08	cps
Zirconium	91-1	37500	37801	38402	37901	1.21	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-07DLX2	Instrumnet Name :	P7
Client Sample ID :	MA0AZ2DL	Dilution Factor :	2
Date & Time Acquired ::	2021-05-21 12:06:40	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	708476	710404	709786	709556	0.14	cps
Antimony	121-1	7969	7794	8011	7925	1.45	cps
Arsenic	75-2	1404	1380	1435	1406	1.98	cps
Barium	135-1	275852	279631	281581	279022	1.04	cps
Barium	137-1	485577	489459	500450	491829	1.57	cps
Beryllium	9-1	167	178	256	200	24.22	cps
Bismuth	209-1	6273177	6350168	6302979	6308775	0.62	cps
Bismuth	209-2	4575133	4647808	4620430	4614457	0.80	cps
Boron	10-1	9528	10871	10988	10462	7.75	cps
Boron	11-1	47575	48545	51956	49359	4.66	cps
Bromine	81-1	54420	56143	57030	55864	2.38	cps
Bromine	81-2	9212	9182	9513	9303	1.97	cps
Cadmium	111-1	905	856	1061	941	11.34	cps
Cadmium	106-1	4142	3942	4526	4204	7.06	cps
Cadmium	108-1	117	129	129	125	5.77	cps
Calcium	43-1	1583364	1610780	1630173	1608106	1.46	cps
Calcium	44-1	24865208	24736786	25439365	25013786	1.50	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1139819	1154953	1144367	1146379	0.68	cps
Cobalt	59-2	24374	23789	24056	24073	1.21	cps
Copper	63-2	85293	87258	86845	86466	1.20	cps
Dysprosium	156-1	2159	2034	1984	2059	4.38	cps
Dysprosium	156-2	1200	1420	1197	1272	10.06	cps
Erbium	164-1	1975	1992	1842	1936	4.25	cps
Erbium	164-2	1277	1323	1257	1286	2.66	cps
Gadolinium	160-1	1608	1884	1975	1822	10.47	cps
Gadolinium	160-2	1240	1377	1320	1312	5.23	cps
Holmium	165-1	10472920	10574711	10371816	10473149	0.97	cps
Holmium	165-2	7051527	7185734	7045835	7094366	1.12	cps
Indium	115-1	7451700	7586812	7552808	7530440	0.93	cps
Indium	115-2	2446811	2494424	2469345	2470193	0.96	cps
Iron	56-2	9549504	9873903	9418825	9614077	2.44	cps
Iron	57-2	239572	243727	240068	241122	0.94	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-07DLX2	Instrumnet Name :	P7
Client Sample ID :	MA0AZ2DL	Dilution Factor :	2
Date & Time Acquired ::	2021-05-21 12:06:40	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	562902	567694	566654	565750	0.45	cps
Krypton	83-1	2044	1927	1900	1957	3.90	cps
Lead	206-1	12056	11922	12339	12106	1.76	cps
Lead	207-1	9887	10243	9932	10021	1.93	cps
Lead	208-1	45725	47027	47044	46599	1.62	cps
Lithium	6-1	2279260	2304877	2329426	2304521	1.09	cps
Magnesium	24-2	483132	498690	489535	490452	1.59	cps
Manganese	55-2	180928	184112	180300	181780	1.12	cps
Molybdenum	94-1	59925	61047	61441	60804	1.29	cps
Molybdenum	95-1	69519	73195	73280	71998	2.98	cps
Molybdenum	96-1	79722	83124	81230	81359	2.10	cps
Molybdenum	97-1	45565	46828	46334	46242	1.38	cps
Molybdenum	98-1	115548	117322	120775	117881	2.25	cps
Neodymium	150-1	3014	2887	2734	2878	4.87	cps
Neodymium	150-2	1813	1730	1597	1713	6.38	cps
Nickel	60-2	53959	53835	54069	53954	0.22	cps
Phosphorus	31-2	1183	933	975	1031	13.00	cps
Potassium	39-2	56306655	57148914	55774972	56410180	1.23	cps
Rhodium	103-1	6638357	6865679	6671025	6725021	1.83	cps
Rhodium	103-2	4346733	4432720	4376204	4385219	1.00	cps
Scandium	45-1	4089589	4140414	4118878	4116294	0.62	cps
Scandium	45-2	383167	390657	385138	386320	1.01	cps
Selenium	82-1	-1951	-1811	-1692	-1818	-7.15	cps
Selenium	77-2	13	33	13	20	57.74	cps
Selenium	78-2	261	220	196	226	14.50	cps
Silicon	28-1	50234251	50934501	50539957	50569570	0.69	cps
Silver	107-1	250	292	233	258	11.63	cps
Silver	109-1	258	192	158	203	25.11	cps
Sodium	23-2	227346438	234427722	227764338	229846166	1.73	cps
Strontium	86-1	9213471	9349801	9279372	9280881	0.73	cps
Strontium	88-1	79501737	81465327	81822827	80929964	1.54	cps
Sulfur	34-1	2673069	2731189	2728498	2710919	1.21	cps
Terbium	159-1	10567864	10575713	10342165	10495248	1.26	cps
Terbium	159-2	6959724	7014302	6945395	6973140	0.52	cps
Thallium	203-1	342	292	408	347	16.86	cps
Thallium	205-1	1067	850	1025	981	11.73	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2393-07DLX2	Instrumnet Name :	P7
Client Sample ID :	MA0AZ2DL	Dilution Factor :	2
Date & Time Acquired ::	2021-05-21 12:06:40	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	10315	10738	11111	10721	3.71	cps
Tin	118-1	11155	11939	11488	11527	3.41	cps
Titanium	47-1	76431	77612	76867	76970	0.78	cps
Uranium	238-1	34287	36719	36485	35830	3.74	cps
Vanadium	51-2	89593	91615	89479	90229	1.33	cps
Yttrium	89-1	10792348	10988232	10742398	10840993	1.20	cps
Yttrium	89-2	2725943	2783561	2726367	2745291	1.21	cps
Zinc	66-2	21816	22905	22534	22418	2.47	cps
Zirconium	90-1	51183	51568	51827	51526	0.63	cps
Zirconium	91-1	11213	12022	11822	11686	3.61	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-05DLX5	Instrumnet Name :	P7
Client Sample ID :	MA0AY9DL	Dilution Factor :	5
Date & Time Acquired ::	2021-05-21 12:09:45	DataFile Name :	076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	59878	55763	58523	58055	3.61	cps
Antimony	121-1	11588	11430	12347	11789	4.16	cps
Arsenic	75-2	37	41	43	40	7.04	cps
Barium	135-1	48945	48469	47842	48418	1.14	cps
Barium	137-1	85529	85965	86242	85912	0.42	cps
Beryllium	9-1	89	72	56	72	23.07	cps
Bismuth	209-1	7444616	7323041	7395632	7387763	0.83	cps
Bismuth	209-2	4925651	4969540	5007586	4967592	0.83	cps
Boron	10-1	1150	1308	1317	1258	7.46	cps
Boron	11-1	6510	6110	6493	6371	3.55	cps
Bromine	81-1	12222	12814	13181	12739	3.80	cps
Bromine	81-2	1151	1361	1251	1255	8.38	cps
Cadmium	111-1	810	814	815	813	0.30	cps
Cadmium	106-1	4034	4067	4034	4045	0.48	cps
Cadmium	108-1	25	29	13	22	39.04	cps
Calcium	43-1	500784	499917	512426	504376	1.38	cps
Calcium	44-1	7759195	7724233	7908033	7797153	1.25	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1333778	1325154	1324369	1327767	0.39	cps
Cobalt	59-2	333	313	430	359	17.38	cps
Copper	63-2	10811	10694	10877	10794	0.86	cps
Dysprosium	156-1	8	8	33	17	86.62	cps
Dysprosium	156-2	0	7	7	4	86.60	cps
Erbium	164-1	108	83	92	94	13.48	cps
Erbium	164-2	47	33	57	46	25.70	cps
Gadolinium	160-1	42	75	42	53	36.46	cps
Gadolinium	160-2	80	43	70	64	29.41	cps
Holmium	165-1	10976189	10812591	10890787	10893189	0.75	cps
Holmium	165-2	7276166	7119457	7236722	7210781	1.13	cps
Indium	115-1	8103934	7870562	7995172	7989889	1.46	cps
Indium	115-2	2573443	2564346	2592811	2576867	0.56	cps
Iron	56-2	30164	29847	42130	34047	20.56	cps
Iron	57-2	1745	1878	2206	1943	12.22	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-05DLX5	Instrumnet Name :	P7
Client Sample ID :	MA0AY9DL	Dilution Factor :	5
Date & Time Acquired ::	2021-05-21 12:09:45	DataFile Name :	076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	46521	46641	46832	46664	0.34	cps
Krypton	83-1	2044	1977	1967	1996	2.09	cps
Lead	206-1	1128	1422	1383	1311	12.20	cps
Lead	207-1	1200	1345	1217	1254	6.30	cps
Lead	208-1	4989	5489	5578	5352	5.93	cps
Lithium	6-1	2237677	2196825	2154865	2196456	1.89	cps
Magnesium	24-2	1292	1683	2217	1731	26.83	cps
Manganese	55-2	670	743	997	803	21.34	cps
Molybdenum	94-1	5768	5410	5234	5471	4.97	cps
Molybdenum	95-1	9787	9262	9262	9437	3.21	cps
Molybdenum	96-1	9570	10112	9804	9829	2.77	cps
Molybdenum	97-1	5585	5668	5793	5682	1.85	cps
Molybdenum	98-1	14524	13974	14574	14358	2.32	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	7	0	10	6	91.64	cps
Nickel	60-2	1220	980	1160	1120	11.15	cps
Phosphorus	31-2	392	308	333	344	12.41	cps
Potassium	39-2	829557	821426	850116	833700	1.77	cps
Rhodium	103-1	7341384	7146216	7085982	7191194	1.86	cps
Rhodium	103-2	4596112	4614797	4674848	4628586	0.89	cps
Scandium	45-1	4248672	4199425	4192235	4213444	0.73	cps
Scandium	45-2	388679	386967	392238	389295	0.69	cps
Selenium	82-1	-263	-112	-121	-165	-51.12	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	183	170	180	178	3.76	cps
Silicon	28-1	5757691	5721588	5748026	5742435	0.33	cps
Silver	107-1	142	83	42	89	56.51	cps
Silver	109-1	50	17	42	36	48.03	cps
Sodium	23-2	21735897	22233311	22462135	22143781	1.68	cps
Strontium	86-1	614731	616601	615595	615642	0.15	cps
Strontium	88-1	5250794	5290196	5296392	5279128	0.47	cps
Sulfur	34-1	771460	771448	774556	772488	0.23	cps
Terbium	159-1	11038923	10860241	10952887	10950684	0.82	cps
Terbium	159-2	7155186	6996575	7145830	7099197	1.25	cps
Thallium	203-1	267	142	183	197	32.27	cps
Thallium	205-1	383	592	508	494	21.21	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-05DLX5	Instrumnet Name :	P7
Client Sample ID :	MA0AY9DL	Dilution Factor :	5
Date & Time Acquired ::	2021-05-21 12:09:45	DataFile Name :	076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	167	106	94	122	31.82	cps
Tin	118-1	1975	2034	2292	2100	8.03	cps
Titanium	47-1	292	433	317	347	21.78	cps
Uranium	238-1	83	42	75	67	33.07	cps
Vanadium	51-2	6728	6678	6578	6662	1.15	cps
Yttrium	89-1	11300106	11172592	11292835	11255178	0.64	cps
Yttrium	89-2	2770908	2776895	2809481	2785761	0.75	cps
Zinc	66-2	1643	1723	1653	1673	2.60	cps
Zirconium	90-1	817	683	750	750	8.89	cps
Zirconium	91-1	133	192	217	181	23.68	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-07DLX2	Instrumnet Name :	P7
Client Sample ID :	MA0AZ3DL	Dilution Factor :	2
Date & Time Acquired ::	2021-05-21 12:12:49	DataFile Name :	077SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	146552	146519	149163	147411	1.03	cps
Antimony	121-1	2334	2759	2817	2636	10.01	cps
Arsenic	75-2	481	426	465	457	6.23	cps
Barium	135-1	205475	209956	214424	209952	2.13	cps
Barium	137-1	363307	369914	375053	369425	1.59	cps
Beryllium	9-1	67	56	50	57	14.78	cps
Bismuth	209-1	6209173	6268843	6315983	6264666	0.85	cps
Bismuth	209-2	4630055	4632262	4694892	4652403	0.79	cps
Boron	10-1	7677	8945	8978	8533	8.69	cps
Boron	11-1	37731	39703	40705	39380	3.84	cps
Bromine	81-1	48733	50991	52136	50620	3.42	cps
Bromine	81-2	8471	8391	8862	8575	2.94	cps
Cadmium	111-1	882	824	788	831	5.74	cps
Cadmium	106-1	4276	3917	3701	3965	7.33	cps
Cadmium	108-1	104	38	33	58	68.14	cps
Calcium	43-1	861818	871151	892195	875054	1.78	cps
Calcium	44-1	13367680	13435075	13647224	13483326	1.08	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	11088	10961	11071	11040	0.62	cps
Cobalt	59-2	14287	13857	13993	14046	1.57	cps
Copper	63-2	40797	40352	40366	40505	0.62	cps
Dysprosium	156-1	0	17	33	17	99.99	cps
Dysprosium	156-2	10	3	7	7	50.03	cps
Erbium	164-1	50	117	67	78	44.61	cps
Erbium	164-2	27	40	50	39	30.10	cps
Gadolinium	160-1	50	58	50	53	9.11	cps
Gadolinium	160-2	60	43	67	57	21.21	cps
Holmium	165-1	10215118	10336816	10523863	10358599	1.50	cps
Holmium	165-2	7155965	7130562	7146308	7144279	0.18	cps
Indium	115-1	7355335	7424297	7584115	7454582	1.57	cps
Indium	115-2	2484388	2474075	2495309	2484590	0.43	cps
Iron	56-2	52856	53831	53006	53231	0.99	cps
Iron	57-2	3061	3234	3362	3219	4.68	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-07DLX2	Instrumnet Name :	P7
Client Sample ID :	MA0AZ3DL	Dilution Factor :	2
Date & Time Acquired ::	2021-05-21 12:12:49	DataFile Name :	077SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	4485	4395	3814	4232	8.60	cps
Krypton	83-1	2057	2110	2020	2062	2.19	cps
Lead	206-1	3784	3812	3806	3801	0.39	cps
Lead	207-1	3056	3606	3206	3289	8.65	cps
Lead	208-1	14870	15254	15376	15167	1.74	cps
Lithium	6-1	2318657	2343463	2368270	2343463	1.06	cps
Magnesium	24-2	1100	1225	1450	1258	14.10	cps
Manganese	55-2	1260	1330	1347	1312	3.50	cps
Molybdenum	94-1	43876	43291	43015	43394	1.01	cps
Molybdenum	95-1	73866	75893	74913	74890	1.35	cps
Molybdenum	96-1	79151	80351	83267	80923	2.62	cps
Molybdenum	97-1	46719	47563	47739	47340	1.15	cps
Molybdenum	98-1	118043	121439	121941	120474	1.76	cps
Neodymium	150-1	20	7	20	16	49.47	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	43705	45136	44862	44567	1.70	cps
Phosphorus	31-2	333	325	333	331	1.46	cps
Potassium	39-2	53423160	53845618	54306232	53858337	0.82	cps
Rhodium	103-1	6606185	6766716	6761916	6711606	1.36	cps
Rhodium	103-2	4397137	4401862	4454333	4417777	0.72	cps
Scandium	45-1	4059017	4095120	4129994	4094710	0.87	cps
Scandium	45-2	384950	386092	387841	386295	0.38	cps
Selenium	82-1	-1569	-1749	-1631	-1650	-5.54	cps
Selenium	77-2	3	7	3	4	43.40	cps
Selenium	78-2	185	220	200	202	8.75	cps
Silicon	28-1	13253619	13424020	13453826	13377155	0.81	cps
Silver	107-1	75	108	108	97	19.80	cps
Silver	109-1	42	17	67	42	60.00	cps
Sodium	23-2	219171055	220806672	222329713	220769147	0.72	cps
Strontium	86-1	8456618	8533932	8728237	8572929	1.63	cps
Strontium	88-1	73774658	74294089	76455281	74841343	1.90	cps
Sulfur	34-1	2567554	2584121	2637039	2596238	1.40	cps
Terbium	159-1	10336156	10290829	10498093	10375026	1.05	cps
Terbium	159-2	6912773	7077911	6934505	6975063	1.29	cps
Thallium	203-1	342	242	275	286	17.80	cps
Thallium	205-1	717	675	700	697	3.01	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2394-07DLX2	Instrumnet Name :	P7
Client Sample ID :	MA0AZ3DL	Dilution Factor :	2
Date & Time Acquired ::	2021-05-21 12:12:49	DataFile Name :	077SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	111	83	94	96	14.51	cps
Tin	118-1	2350	2225	2609	2395	8.16	cps
Titanium	47-1	400	492	367	419	15.43	cps
Uranium	238-1	50	67	50	56	17.32	cps
Vanadium	51-2	47469	49008	48603	48360	1.65	cps
Yttrium	89-1	10869913	10808959	11031303	10903392	1.05	cps
Yttrium	89-2	2757685	2744769	2756089	2752847	0.26	cps
Zinc	66-2	1643	1587	1580	1603	2.17	cps
Zirconium	90-1	792	1058	1033	961	15.32	cps
Zirconium	91-1	250	267	217	244	10.42	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	CCV03	Instrumnet Name :	P7
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 12:15:54	DataFile Name :	078CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7253003	7174586	7280433	7236007	0.76	cps
Antimony	121-1	3762729	3781414	3832674	3792272	0.95	cps
Arsenic	75-2	178602	177494	178639	178245	0.37	cps
Barium	135-1	3884823	3906279	3946485	3912529	0.80	cps
Barium	137-1	7137638	7061327	7278368	7159111	1.54	cps
Beryllium	9-1	597172	601698	606381	601750	0.77	cps
Bismuth	209-1	6372462	6278176	6237713	6296117	1.10	cps
Bismuth	209-2	4483160	4499106	4504631	4495632	0.25	cps
Boron	10-1	69468	72230	76275	72657	4.71	cps
Boron	11-1	333121	343806	352492	343139	2.83	cps
Bromine	81-1	8369	7761	7469	7866	5.84	cps
Bromine	81-2	230	420	320	324	29.40	cps
Cadmium	111-1	901656	917306	921628	913530	1.15	cps
Cadmium	106-1	107741	107194	106876	107270	0.41	cps
Cadmium	108-1	72496	73086	73916	73166	0.97	cps
Calcium	43-1	4533497	4579430	4583761	4565562	0.61	cps
Calcium	44-1	71587726	71748322	72162206	71832751	0.41	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1581599	1560049	1574795	1572148	0.70	cps
Cobalt	59-2	2400798	2391305	2414520	2402208	0.49	cps
Copper	63-2	17152220	16865857	16995909	17004662	0.84	cps
Dysprosium	156-1	1142	950	1067	1053	9.17	cps
Dysprosium	156-2	737	717	647	700	6.75	cps
Erbium	164-1	150	233	267	217	27.74	cps
Erbium	164-2	167	153	137	152	9.87	cps
Gadolinium	160-1	1058	1317	1133	1170	11.37	cps
Gadolinium	160-2	903	907	803	871	6.74	cps
Holmium	165-1	10429844	10298671	10303075	10343863	0.72	cps
Holmium	165-2	6849867	6947592	6920684	6906048	0.73	cps
Indium	115-1	7657527	7549676	7328104	7511769	2.24	cps
Indium	115-2	2387527	2387344	2402136	2392336	0.35	cps
Iron	56-2	356898664	352166763	356433308	355166245	0.73	cps
Iron	57-2	8878371	8887370	8899978	8888573	0.12	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	CCV03	Instrumnet Name :	P7
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 12:15:54	DataFile Name :	078CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	19640789	19481319	19495573	19539227	0.45	cps
Krypton	83-1	1883	1960	1870	1905	2.55	cps
Lead	206-1	15172356	15189089	15330332	15230592	0.57	cps
Lead	207-1	13960264	14225476	14211717	14132486	1.06	cps
Lead	208-1	61382684	62105133	63104702	62197506	1.39	cps
Lithium	6-1	2169338	2140730	2145906	2151991	0.71	cps
Magnesium	24-2	78773929	78387637	79352627	78838064	0.62	cps
Manganese	55-2	11145869	11018215	11134865	11099650	0.64	cps
Molybdenum	94-1	6969842	6882194	7001593	6951210	0.89	cps
Molybdenum	95-1	8494665	8444119	8674510	8537765	1.42	cps
Molybdenum	96-1	9499708	9584550	9723005	9602421	1.17	cps
Molybdenum	97-1	5114035	5163765	5168684	5148828	0.59	cps
Molybdenum	98-1	13673671	13755082	13728619	13719124	0.30	cps
Neodymium	150-1	227	340	240	269	23.04	cps
Neodymium	150-2	67	93	53	71	28.64	cps
Nickel	60-2	614942	617231	620878	617684	0.48	cps
Phosphorus	31-2	71689	71521	74008	72406	1.92	cps
Potassium	39-2	36232525	35949141	36528322	36236663	0.80	cps
Rhodium	103-1	6729390	6641628	6540249	6637089	1.43	cps
Rhodium	103-2	4207179	4182543	4227809	4205844	0.54	cps
Scandium	45-1	4202505	4159568	4103357	4155143	1.20	cps
Scandium	45-2	376593	373994	378889	376492	0.65	cps
Selenium	82-1	48860	48990	49916	49255	1.17	cps
Selenium	77-2	4811	4737	4721	4756	1.01	cps
Selenium	78-2	15927	15814	16074	15938	0.82	cps
Silicon	28-1	2312950	2392575	2472047	2392524	3.32	cps
Silver	107-1	4396539	4451749	4467396	4438561	0.84	cps
Silver	109-1	4264834	4284177	4328385	4292465	0.76	cps
Sodium	23-2	129494599	130497753	131479840	130490731	0.76	cps
Strontium	86-1	10465568	10473234	10473762	10470855	0.04	cps
Strontium	88-1	89956331	91142231	91847402	90981988	1.05	cps
Sulfur	34-1	793850	792692	795569	794037	0.18	cps
Terbium	159-1	10464985	10246609	10161493	10291029	1.52	cps
Terbium	159-2	6767633	6732397	6725196	6741742	0.34	cps
Thallium	203-1	3463486	3556041	3564040	3527856	1.58	cps
Thallium	205-1	8746585	8789177	9040987	8858916	1.80	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	CCV03	Instrumnet Name :	P7
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 12:15:54	DataFile Name :	078CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	13069476	13558472	13677156	13435035	2.40	cps
Tin	118-1	2729663	2766960	2780341	2758988	0.95	cps
Titanium	47-1	2068982	2102225	2093726	2088311	0.83	cps
Uranium	238-1	12444175	12971844	12723509	12713176	2.08	cps
Vanadium	51-2	1330610	1319790	1333463	1327955	0.54	cps
Yttrium	89-1	11288222	11052462	10867777	11069487	1.90	cps
Yttrium	89-2	2672503	2671538	2682516	2675519	0.23	cps
Zinc	66-2	2751914	2734985	2767256	2751385	0.59	cps
Zirconium	90-1	5232276	5560564	5621503	5471448	3.83	cps
Zirconium	91-1	1183275	1197716	1204028	1195006	0.89	cps

LB Number : LB114597 Operator : JASWAL
 Lab Sample ID : CCB03 Instrumnet Name : P7
 Client Sample ID : CCB03 Dilution Factor : 1
 Date & Time Acquired :: 2021-05-21 12:20:56 DataFile Name : 079CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	458	467	392	439	9.37	cps
Antimony	121-1	1333	1267	1292	1297	2.60	cps
Arsenic	75-2	17	20	19	19	9.99	cps
Barium	135-1	333	242	208	261	24.79	cps
Barium	137-1	475	392	408	425	10.38	cps
Beryllium	9-1	183	122	128	144	23.40	cps
Bismuth	209-1	6495315	6538111	6501223	6511550	0.36	cps
Bismuth	209-2	4686780	4711626	4761814	4720073	0.81	cps
Boron	10-1	1183	1117	1167	1156	3.00	cps
Boron	11-1	5801	5818	5459	5693	3.55	cps
Bromine	81-1	5893	6285	6293	6157	3.71	cps
Bromine	81-2	180	160	190	177	8.65	cps
Cadmium	111-1	823	822	716	787	7.81	cps
Cadmium	106-1	4017	3976	3767	3920	3.42	cps
Cadmium	108-1	121	75	125	107	25.94	cps
Calcium	43-1	508	500	425	478	9.61	cps
Calcium	44-1	16976	16917	15800	16564	4.00	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1427	1623	1550	1533	6.48	cps
Cobalt	59-2	197	247	190	211	14.67	cps
Copper	63-2	2020	1860	1847	1909	5.05	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Erbium	164-1	92	92	100	94	5.09	cps
Erbium	164-2	53	73	23	50	50.34	cps
Gadolinium	160-1	33	50	25	36	35.25	cps
Gadolinium	160-2	87	87	30	68	48.27	cps
Holmium	165-1	10308146	10194015	10090427	10197529	1.07	cps
Holmium	165-2	6739152	6738641	6729211	6735668	0.08	cps
Indium	115-1	7552687	7505046	7554128	7537287	0.37	cps
Indium	115-2	2412671	2413112	2421749	2415844	0.21	cps
Iron	56-2	24932	23486	24410	24276	3.02	cps
Iron	57-2	600	706	667	657	8.12	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	CCB03	Instrumnet Name :	P7
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 12:20:56	DataFile Name :	079CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	2152	2212	2102	2156	2.56	cps
Krypton	83-1	1990	2067	1907	1988	4.03	cps
Lead	206-1	2978	3045	2650	2891	7.30	cps
Lead	207-1	2728	2789	2673	2730	2.14	cps
Lead	208-1	12158	12469	11363	11997	4.75	cps
Lithium	6-1	2133853	2127531	2118203	2126529	0.37	cps
Magnesium	24-2	4434	4392	4126	4317	3.88	cps
Manganese	55-2	717	660	687	688	4.12	cps
Molybdenum	94-1	883	850	767	833	7.21	cps
Molybdenum	95-1	783	558	592	644	18.84	cps
Molybdenum	96-1	933	783	658	792	17.39	cps
Molybdenum	97-1	425	375	492	431	13.60	cps
Molybdenum	98-1	1167	1042	1000	1070	8.11	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	7	7	3	6	34.70	cps
Nickel	60-2	190	157	190	179	10.76	cps
Phosphorus	31-2	325	475	425	408	18.70	cps
Potassium	39-2	82512	79964	79781	80752	1.89	cps
Rhodium	103-1	6858053	6886096	6874269	6872806	0.20	cps
Rhodium	103-2	4373377	4363754	4370567	4369233	0.11	cps
Scandium	45-1	3995401	3964873	3955798	3972024	0.52	cps
Scandium	45-2	361028	364201	365142	363457	0.59	cps
Selenium	82-1	-8	-166	-107	-94	-85.12	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	163	181	183	176	6.40	cps
Silicon	28-1	361608	360278	358332	360073	0.46	cps
Silver	107-1	608	425	400	478	23.81	cps
Silver	109-1	408	308	408	375	15.40	cps
Sodium	23-2	90740	90337	87873	89650	1.73	cps
Strontium	86-1	3826	3842	3934	3867	1.51	cps
Strontium	88-1	6201	5343	5543	5696	7.89	cps
Sulfur	34-1	503372	502096	509085	504851	0.74	cps
Terbium	159-1	10212491	10261124	10100965	10191527	0.81	cps
Terbium	159-2	6708292	6620763	6706175	6678410	0.75	cps
Thallium	203-1	858	792	692	781	10.75	cps
Thallium	205-1	2250	2025	1717	1997	13.41	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	CCB03	Instrumnet Name :	P7
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 12:20:56	DataFile Name :	079CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	1467	1411	1483	1454	2.60	cps
Tin	118-1	783	742	933	819	12.30	cps
Titanium	47-1	267	217	183	222	18.88	cps
Uranium	238-1	792	567	625	661	17.66	cps
Vanadium	51-2	120	70	60	83	38.57	cps
Yttrium	89-1	10656960	10534417	10591540	10594306	0.58	cps
Yttrium	89-2	2600757	2603480	2618472	2607569	0.37	cps
Zinc	66-2	530	470	483	494	6.37	cps
Zirconium	90-1	917	1058	1183	1053	12.67	cps
Zirconium	91-1	217	208	258	228	11.76	cps

LB Number : LB114597 Operator : JASWAL
 Lab Sample ID : PB136746BL Instrumnet Name : P7
 Client Sample ID : PB136746BL Dilution Factor : 1
 Date & Time Acquired :: 2021-05-21 12:24:02 DataFile Name : 080CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	108	67	92	24.05	cps
Antimony	121-1	542	558	508	536	4.75	cps
Arsenic	75-2	7	9	7	8	13.31	cps
Barium	135-1	17	17	75	36	93.25	cps
Barium	137-1	67	33	83	61	41.67	cps
Beryllium	9-1	94	111	78	94	17.64	cps
Bismuth	209-1	6506189	6581438	6534890	6540839	0.58	cps
Bismuth	209-2	4691526	4681150	4714364	4695680	0.36	cps
Boron	10-1	783	600	650	678	13.98	cps
Boron	11-1	3976	3784	3517	3759	6.13	cps
Bromine	81-1	6110	6193	6001	6101	1.58	cps
Bromine	81-2	170	180	170	174	3.33	cps
Cadmium	111-1	779	830	733	781	6.22	cps
Cadmium	106-1	3951	4401	3967	4106	6.22	cps
Cadmium	108-1	75	83	104	88	17.17	cps
Calcium	43-1	183	150	208	181	16.21	cps
Calcium	44-1	12889	12388	11830	12369	4.28	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1457	1330	1333	1373	5.26	cps
Cobalt	59-2	73	90	103	89	16.91	cps
Copper	63-2	1053	990	1103	1049	5.42	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	0	0	10	3	173.21	cps
Erbium	164-1	67	92	67	75	19.24	cps
Erbium	164-2	43	40	37	40	8.32	cps
Gadolinium	160-1	67	83	42	64	32.83	cps
Gadolinium	160-2	37	53	37	42	22.78	cps
Holmium	165-1	10060632	9988840	10169805	10073093	0.90	cps
Holmium	165-2	6693381	6594189	6725299	6670956	1.02	cps
Indium	115-1	7431261	7510032	7527604	7489632	0.69	cps
Indium	115-2	2408342	2394474	2419884	2407566	0.53	cps
Iron	56-2	8164	7897	8141	8067	1.84	cps
Iron	57-2	172	233	206	204	15.02	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	PB136746BL	Instrumnet Name :	P7
Client Sample ID :	PB136746BL	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 12:24:02	DataFile Name :	080CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1251	1381	1191	1275	7.63	cps
Krypton	83-1	2097	1950	1877	1975	5.67	cps
Lead	206-1	1872	1722	1761	1785	4.36	cps
Lead	207-1	1856	1639	1717	1737	6.32	cps
Lead	208-1	7868	6934	7329	7377	6.35	cps
Lithium	6-1	2128911	2117768	2110698	2119126	0.43	cps
Magnesium	24-2	842	825	742	803	6.67	cps
Manganese	55-2	177	200	180	186	6.80	cps
Molybdenum	94-1	308	350	292	317	9.49	cps
Molybdenum	95-1	167	158	192	172	10.07	cps
Molybdenum	96-1	125	233	208	189	30.03	cps
Molybdenum	97-1	108	42	50	67	54.49	cps
Molybdenum	98-1	283	250	192	242	19.20	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	157	143	163	154	6.59	cps
Phosphorus	31-2	342	317	350	336	5.16	cps
Potassium	39-2	75164	76070	76195	75810	0.74	cps
Rhodium	103-1	6910477	6910949	6884398	6901941	0.22	cps
Rhodium	103-2	4354304	4341659	4404670	4366878	0.76	cps
Scandium	45-1	3989464	3969932	3976537	3978644	0.25	cps
Scandium	45-2	364815	361625	365942	364127	0.61	cps
Selenium	82-1	-183	-53	121	-38	-399.97	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	191	156	157	168	11.79	cps
Silicon	28-1	357391	354875	356637	356301	0.36	cps
Silver	107-1	167	158	117	147	18.20	cps
Silver	109-1	225	242	192	219	11.60	cps
Sodium	23-2	74828	75958	75933	75573	0.85	cps
Strontium	86-1	3484	3609	3559	3551	1.77	cps
Strontium	88-1	900	833	867	867	3.85	cps
Sulfur	34-1	508605	512209	509128	509980	0.38	cps
Terbium	159-1	10276952	10082972	10362219	10240714	1.40	cps
Terbium	159-2	6548437	6682326	6592422	6607728	1.03	cps
Thallium	203-1	525	342	517	461	22.45	cps
Thallium	205-1	1208	1075	942	1075	12.40	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	PB136746BL	Instrumnet Name :	P7
Client Sample ID :	PB136746BL	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 12:24:02	DataFile Name :	080CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	489	528	461	493	6.80	cps
Tin	118-1	683	617	608	636	6.46	cps
Titanium	47-1	125	100	92	106	16.43	cps
Uranium	238-1	150	92	67	103	41.61	cps
Vanadium	51-2	13	10	7	10	33.30	cps
Yttrium	89-1	10637903	10681853	10556311	10625355	0.60	cps
Yttrium	89-2	2593220	2584293	2630944	2602819	0.95	cps
Zinc	66-2	327	320	323	323	1.03	cps
Zirconium	90-1	700	792	550	681	17.93	cps
Zirconium	91-1	92	167	117	125	30.55	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	PB136746BS	Instrumnet Name :	P7
Client Sample ID :	PB136746BS	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 12:27:08	DataFile Name :	081LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6060	6210	6735	6335	5.60	cps
Antimony	121-1	28504	28530	29966	29000	2.88	cps
Arsenic	75-2	706	791	767	754	5.82	cps
Barium	135-1	32371	32931	33524	32942	1.75	cps
Barium	137-1	56465	57662	58130	57419	1.50	cps
Beryllium	9-1	2472	2600	2734	2602	5.02	cps
Bismuth	209-1	6739336	6659564	6728806	6709235	0.65	cps
Bismuth	209-2	4768056	4765669	4761444	4765056	0.07	cps
Boron	10-1	7252	8111	8111	7824	6.34	cps
Boron	11-1	35542	36954	38332	36943	3.78	cps
Bromine	81-1	5751	6068	5810	5876	2.87	cps
Bromine	81-2	100	120	170	130	27.74	cps
Cadmium	111-1	4565	4202	4655	4474	5.36	cps
Cadmium	106-1	4509	4267	4559	4445	3.51	cps
Cadmium	108-1	292	313	350	318	9.29	cps
Calcium	43-1	18470	19321	18595	18796	2.45	cps
Calcium	44-1	314314	315216	312432	313987	0.45	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	14597	14681	15011	14763	1.48	cps
Cobalt	59-2	10217	10537	9857	10204	3.34	cps
Copper	63-2	14561	14414	14557	14511	0.58	cps
Dysprosium	156-1	25	8	17	17	50.01	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	42	50	108	67	54.49	cps
Erbium	164-2	33	27	23	28	18.33	cps
Gadolinium	160-1	42	83	42	56	43.30	cps
Gadolinium	160-2	77	70	53	67	18.03	cps
Holmium	165-1	10534729	10342554	10274557	10383946	1.30	cps
Holmium	165-2	6867466	6836595	6887116	6863726	0.37	cps
Indium	115-1	7841060	7650930	7678506	7723499	1.33	cps
Indium	115-2	2437811	2456470	2451176	2448486	0.39	cps
Iron	56-2	1028186	1028010	1020025	1025407	0.45	cps
Iron	57-2	25945	25845	24905	25565	2.25	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	PB136746BS	Instrumnet Name :	P7
Client Sample ID :	PB136746BS	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 12:27:08	DataFile Name :	081LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	58736	58153	57310	58066	1.24	cps
Krypton	83-1	1920	1890	1967	1926	2.01	cps
Lead	206-1	14241	14047	13818	14035	1.51	cps
Lead	207-1	12790	13196	12395	12793	3.13	cps
Lead	208-1	57911	58546	56682	57713	1.64	cps
Lithium	6-1	2210981	2157900	2150614	2173165	1.52	cps
Magnesium	24-2	310913	310064	306936	309304	0.68	cps
Manganese	55-2	4764	4561	4724	4683	2.30	cps
Molybdenum	94-1	26358	26350	26099	26269	0.56	cps
Molybdenum	95-1	32579	32270	33148	32666	1.36	cps
Molybdenum	96-1	35620	36363	38009	36664	3.33	cps
Molybdenum	97-1	20574	21784	20657	21005	3.22	cps
Molybdenum	98-1	52957	53609	54153	53573	1.12	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	2954	2734	3037	2908	5.39	cps
Phosphorus	31-2	450	308	300	353	23.90	cps
Potassium	39-2	374408	374021	376347	374926	0.33	cps
Rhodium	103-1	7084569	6993763	6951008	7009780	0.97	cps
Rhodium	103-2	4413531	4438780	4426768	4426360	0.29	cps
Scandium	45-1	4147998	4069492	4058986	4092159	1.19	cps
Scandium	45-2	369867	371110	370375	370451	0.17	cps
Selenium	82-1	1084	1103	1135	1107	2.32	cps
Selenium	77-2	90	100	83	91	9.21	cps
Selenium	78-2	489	550	478	506	7.69	cps
Silicon	28-1	424283	429705	431206	428398	0.85	cps
Silver	107-1	17444	17378	16960	17261	1.52	cps
Silver	109-1	16543	15951	16527	16340	2.06	cps
Sodium	23-2	592063	602356	598907	597776	0.88	cps
Strontium	86-1	7110	7302	6985	7133	2.24	cps
Strontium	88-1	37800	37842	36756	37466	1.64	cps
Sulfur	34-1	510090	514476	509704	511424	0.52	cps
Terbium	159-1	10492569	10293852	10332176	10372865	1.02	cps
Terbium	159-2	6814541	6675743	6767693	6752659	1.05	cps
Thallium	203-1	15943	15418	16644	16002	3.85	cps
Thallium	205-1	37529	37846	38707	38027	1.60	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	PB136746BS	Instrumnet Name :	P7
Client Sample ID :	PB136746BS	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 12:27:08	DataFile Name :	081LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	428	339	411	393	12.04	cps
Tin	118-1	58221	58455	59317	58664	0.98	cps
Titanium	47-1	8753	8978	8253	8661	4.29	cps
Uranium	238-1	49285	50322	49946	49851	1.05	cps
Vanadium	51-2	27001	27289	27132	27141	0.53	cps
Yttrium	89-1	11063988	10749359	10786935	10866761	1.58	cps
Yttrium	89-2	2634253	2648666	2647818	2643579	0.31	cps
Zinc	66-2	6068	5975	6008	6017	0.79	cps
Zirconium	90-1	22218	22885	21391	22165	3.38	cps
Zirconium	91-1	4709	5184	5009	4968	4.84	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2342-01	Instrumnet Name :	P7
Client Sample ID :	MH0AY2	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 12:30:13	DataFile Name :	082SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1230752	1222227	1244348	1232442	0.91	cps
Antimony	121-1	4142	4426	4751	4440	6.86	cps
Arsenic	75-2	13225	13210	13023	13152	0.86	cps
Barium	135-1	635240	655197	650191	646876	1.61	cps
Barium	137-1	1129654	1154745	1160899	1148433	1.44	cps
Beryllium	9-1	778	789	767	778	1.43	cps
Bismuth	209-1	7450740	7389594	7296096	7378810	1.06	cps
Bismuth	209-2	4992599	4968186	4989564	4983450	0.27	cps
Boron	10-1	3100	2867	3134	3034	4.79	cps
Boron	11-1	13765	14349	13965	14026	2.12	cps
Bromine	81-1	7869	8261	7769	7966	3.26	cps
Bromine	81-2	360	601	420	460	27.15	cps
Cadmium	111-1	1411	1269	1347	1342	5.27	cps
Cadmium	106-1	4309	3909	4059	4092	4.94	cps
Cadmium	108-1	79	125	104	103	22.33	cps
Calcium	43-1	76037	77134	77871	77014	1.20	cps
Calcium	44-1	1258966	1276162	1271560	1268896	0.70	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	65374	64718	65525	65205	0.66	cps
Cobalt	59-2	44721	43982	44317	44340	0.83	cps
Copper	63-2	102717	102159	102257	102378	0.29	cps
Dysprosium	156-1	16694	17161	17078	16978	1.47	cps
Dysprosium	156-2	9443	10017	10030	9830	3.41	cps
Erbium	164-1	12398	12039	11722	12053	2.80	cps
Erbium	164-2	7896	7992	8219	8036	2.07	cps
Gadolinium	160-1	13757	14650	14141	14183	3.16	cps
Gadolinium	160-2	10237	10017	10197	10150	1.16	cps
Holmium	165-1	10760186	10595863	10622418	10659489	0.83	cps
Holmium	165-2	7126910	6995986	6967589	7030162	1.21	cps
Indium	115-1	8005197	7780583	7742127	7842636	1.81	cps
Indium	115-2	2496137	2488159	2489826	2491374	0.17	cps
Iron	56-2	39499145	38960969	39877029	39445714	1.17	cps
Iron	57-2	979484	974167	982832	978828	0.45	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2342-01	Instrumnet Name :	P7
Client Sample ID :	MH0AY2	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 12:30:13	DataFile Name :	082SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	2173031	2172682	2175727	2173814	0.08	cps
Krypton	83-1	1927	1987	1940	1951	1.61	cps
Lead	206-1	105038	104490	102871	104133	1.08	cps
Lead	207-1	91171	90449	89649	90423	0.84	cps
Lead	208-1	420062	419428	412672	417387	0.98	cps
Lithium	6-1	2244617	2184362	2200555	2209845	1.41	cps
Magnesium	24-2	1465361	1455707	1475552	1465540	0.68	cps
Manganese	55-2	1902697	1900726	1909307	1904243	0.24	cps
Molybdenum	94-1	11422	11688	12105	11738	2.94	cps
Molybdenum	95-1	3175	2609	2725	2836	10.55	cps
Molybdenum	96-1	4943	4843	4718	4834	2.33	cps
Molybdenum	97-1	1717	1925	2134	1925	10.82	cps
Molybdenum	98-1	4301	4693	4559	4517	4.41	cps
Neodymium	150-1	28750	29224	29171	29049	0.89	cps
Neodymium	150-2	16300	16193	16497	16330	0.94	cps
Nickel	60-2	18255	18332	18008	18198	0.93	cps
Phosphorus	31-2	5493	5426	5610	5509	1.68	cps
Potassium	39-2	1425645	1434576	1449058	1436426	0.82	cps
Rhodium	103-1	7210796	7182279	7052304	7148460	1.18	cps
Rhodium	103-2	4540279	4524002	4525273	4529851	0.20	cps
Scandium	45-1	4218922	4181904	4136319	4179048	0.99	cps
Scandium	45-2	383447	380908	380214	381523	0.45	cps
Selenium	82-1	-65	-55	-12	-44	-64.03	cps
Selenium	77-2	37	50	67	51	29.41	cps
Selenium	78-2	228	181	193	201	12.05	cps
Silicon	28-1	26941632	27242309	27371218	27185053	0.81	cps
Silver	107-1	2492	2150	2559	2400	9.13	cps
Silver	109-1	2242	2184	2359	2261	3.94	cps
Sodium	23-2	218677	217173	218492	218114	0.38	cps
Strontium	86-1	129126	131034	131302	130487	0.91	cps
Strontium	88-1	1102719	1122651	1134911	1120094	1.45	cps
Sulfur	34-1	507392	502374	493801	501189	1.37	cps
Terbium	159-1	10759596	10700919	10598490	10686335	0.76	cps
Terbium	159-2	6984369	6925220	6854019	6921203	0.94	cps
Thallium	203-1	3517	3576	3426	3506	2.16	cps
Thallium	205-1	8378	9237	8520	8711	5.29	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2342-01	Instrumnet Name :	P7
Client Sample ID :	MH0AY2	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 12:30:13	DataFile Name :	082SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	164085	165704	166908	165566	0.86	cps
Tin	118-1	4242	4284	4351	4292	1.27	cps
Titanium	47-1	693929	705300	704658	701296	0.91	cps
Uranium	238-1	82334	82149	82728	82404	0.36	cps
Vanadium	51-2	67744	69339	68850	68644	1.19	cps
Yttrium	89-1	11410862	11296030	11119284	11275392	1.30	cps
Yttrium	89-2	2741687	2752604	2724328	2739540	0.52	cps
Zinc	66-2	45527	45571	45470	45523	0.11	cps
Zirconium	90-1	28379	27134	28320	27944	2.51	cps
Zirconium	91-1	6293	6477	6435	6402	1.50	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2342-02	Instrumnet Name :	P7
Client Sample ID :	MH0AY2D	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 12:33:17	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1207555	1190440	1173967	1190654	1.41	cps
Antimony	121-1	3451	3576	3701	3576	3.50	cps
Arsenic	75-2	12157	12261	11870	12096	1.67	cps
Barium	135-1	631532	632225	632028	631928	0.06	cps
Barium	137-1	1115176	1121227	1120135	1118846	0.29	cps
Beryllium	9-1	828	617	722	722	14.62	cps
Bismuth	209-1	7417182	7421091	7397656	7411976	0.17	cps
Bismuth	209-2	4949535	4923639	4917378	4930184	0.35	cps
Boron	10-1	2334	2725	2875	2645	10.58	cps
Boron	11-1	12405	13189	13531	13042	4.43	cps
Bromine	81-1	7561	7811	7944	7772	2.51	cps
Bromine	81-2	400	531	450	460	14.26	cps
Cadmium	111-1	1181	1346	1157	1228	8.37	cps
Cadmium	106-1	3942	4401	3676	4006	9.16	cps
Cadmium	108-1	100	108	88	99	10.64	cps
Calcium	43-1	78541	78356	78835	78577	0.31	cps
Calcium	44-1	1253414	1267714	1270174	1263767	0.72	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	63369	63241	62696	63102	0.57	cps
Cobalt	59-2	40893	41087	41181	41054	0.36	cps
Copper	63-2	93120	93617	93714	93484	0.34	cps
Dysprosium	156-1	16227	16911	16894	16677	2.34	cps
Dysprosium	156-2	9370	9363	8973	9235	2.46	cps
Erbium	164-1	11997	11330	12031	11786	3.35	cps
Erbium	164-2	7505	7579	7302	7462	1.92	cps
Gadolinium	160-1	13115	14174	13999	13763	4.13	cps
Gadolinium	160-2	9703	9520	9687	9637	1.05	cps
Holmium	165-1	10671601	10683095	10579755	10644817	0.53	cps
Holmium	165-2	6936088	6922025	6913160	6923758	0.17	cps
Indium	115-1	7819003	7823241	7794729	7812324	0.20	cps
Indium	115-2	2474845	2489200	2461605	2475217	0.56	cps
Iron	56-2	37625577	37246195	37377694	37416489	0.51	cps
Iron	57-2	935250	925106	927694	929350	0.57	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2342-02	Instrumnet Name :	P7
Client Sample ID :	MH0AY2D	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 12:33:17	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	2073483	2046724	2050033	2056746	0.71	cps
Krypton	83-1	2060	1950	1923	1978	3.66	cps
Lead	206-1	96502	98640	97874	97672	1.11	cps
Lead	207-1	83633	83722	84879	84078	0.83	cps
Lead	208-1	385410	390006	388062	387826	0.59	cps
Lithium	6-1	2200236	2218870	2175034	2198047	1.00	cps
Magnesium	24-2	1412373	1409397	1387441	1403070	0.97	cps
Manganese	55-2	1863863	1858266	1838804	1853644	0.71	cps
Molybdenum	94-1	11338	11488	11472	11433	0.72	cps
Molybdenum	95-1	2659	2617	2675	2650	1.13	cps
Molybdenum	96-1	4701	5068	4684	4818	4.50	cps
Molybdenum	97-1	1909	1642	1642	1731	8.90	cps
Molybdenum	98-1	4601	4626	3967	4398	8.49	cps
Neodymium	150-1	27621	28142	27541	27768	1.18	cps
Neodymium	150-2	15556	15105	14738	15133	2.71	cps
Nickel	60-2	17821	18024	17287	17711	2.15	cps
Phosphorus	31-2	5968	4918	5134	5340	10.39	cps
Potassium	39-2	1401687	1384341	1390260	1392096	0.63	cps
Rhodium	103-1	7065762	7027991	6995804	7029852	0.50	cps
Rhodium	103-2	4518526	4493680	4486324	4499510	0.38	cps
Scandium	45-1	4143243	4170090	4119930	4144421	0.61	cps
Scandium	45-2	377111	378028	375117	376752	0.40	cps
Selenium	82-1	-173	91	-28	-37	-358.29	cps
Selenium	77-2	37	57	43	46	22.36	cps
Selenium	78-2	165	172	202	180	10.91	cps
Silicon	28-1	27006441	27116890	26927727	27017019	0.35	cps
Silver	107-1	2067	1984	2317	2122	8.17	cps
Silver	109-1	1925	2034	2209	2056	6.96	cps
Sodium	23-2	215230	213192	215831	214751	0.64	cps
Strontium	86-1	127528	130017	128789	128778	0.97	cps
Strontium	88-1	1088481	1102679	1093077	1094746	0.66	cps
Sulfur	34-1	484498	478630	476868	479999	0.83	cps
Terbium	159-1	10668566	10675832	10694703	10679700	0.13	cps
Terbium	159-2	6880030	6748100	6790120	6806084	0.99	cps
Thallium	203-1	2584	2775	2575	2645	4.28	cps
Thallium	205-1	6218	6635	6260	6371	3.60	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2342-02	Instrumnet Name :	P7
Client Sample ID :	MH0AY2D	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 12:33:17	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	198788	199369	198022	198726	0.34	cps
Tin	118-1	4176	4309	4376	4287	2.38	cps
Titanium	47-1	665840	669688	671033	668854	0.40	cps
Uranium	238-1	76884	79567	78938	78463	1.79	cps
Vanadium	51-2	66422	65323	64523	65423	1.46	cps
Yttrium	89-1	11195676	11106879	10932479	11078345	1.21	cps
Yttrium	89-2	2731492	2734354	2718512	2728119	0.31	cps
Zinc	66-2	40984	40396	40590	40656	0.74	cps
Zirconium	90-1	26717	25699	26826	26414	2.35	cps
Zirconium	91-1	5568	6035	5868	5824	4.06	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2342-01LX5	Instrumnet Name :	P7
Client Sample ID :	MH0AY2L	Dilution Factor :	5
Date & Time Acquired ::	2021-05-21 12:36:22	DataFile Name :	084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	234429	233622	231785	233279	0.58	cps
Antimony	121-1	758	800	817	792	3.80	cps
Arsenic	75-2	2554	2380	2576	2503	4.29	cps
Barium	135-1	122721	124444	122317	123161	0.92	cps
Barium	137-1	216862	221907	221086	219952	1.23	cps
Beryllium	9-1	294	233	289	272	12.41	cps
Bismuth	209-1	7291227	6728842	6670179	6896749	4.97	cps
Bismuth	209-2	4772349	4730698	4779976	4761008	0.56	cps
Boron	10-1	975	825	883	895	8.45	cps
Boron	11-1	4409	4868	4492	4590	5.32	cps
Bromine	81-1	6485	5868	6627	6327	6.38	cps
Bromine	81-2	240	130	200	190	29.30	cps
Cadmium	111-1	908	908	844	887	4.17	cps
Cadmium	106-1	3942	3967	3809	3906	2.18	cps
Cadmium	108-1	50	21	38	36	40.53	cps
Calcium	43-1	15233	15050	15917	15400	2.97	cps
Calcium	44-1	254434	253887	253347	253889	0.21	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	13950	13423	13096	13490	3.19	cps
Cobalt	59-2	8269	8376	8583	8409	1.90	cps
Copper	63-2	20762	20535	20868	20721	0.82	cps
Dysprosium	156-1	3759	3517	3184	3487	8.28	cps
Dysprosium	156-2	1833	1743	1817	1798	2.66	cps
Erbium	164-1	2400	2359	2417	2392	1.26	cps
Erbium	164-2	1463	1463	1550	1492	3.35	cps
Gadolinium	160-1	2709	2959	2525	2731	7.97	cps
Gadolinium	160-2	2080	1997	1994	2024	2.43	cps
Holmium	165-1	10384580	10217939	10194416	10265645	1.01	cps
Holmium	165-2	6909767	6646011	6827027	6794268	1.99	cps
Indium	115-1	7644924	7595297	7597821	7612681	0.37	cps
Indium	115-2	2417002	2410172	2430519	2419231	0.43	cps
Iron	56-2	7649981	7554381	7467482	7557281	1.21	cps
Iron	57-2	187429	185989	183346	185588	1.12	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2342-01LX5	Instrumnet Name :	P7
Client Sample ID :	MH0AY2L	Dilution Factor :	5
Date & Time Acquired ::	2021-05-21 12:36:22	DataFile Name :	084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	414171	418123	414635	415643	0.52	cps
Krypton	83-1	1990	2027	1997	2005	0.97	cps
Lead	206-1	20978	21835	21851	21555	2.32	cps
Lead	207-1	18418	18652	18363	18478	0.83	cps
Lead	208-1	85437	86366	85620	85808	0.57	cps
Lithium	6-1	2143572	2137975	2122373	2134640	0.51	cps
Magnesium	24-2	280173	277951	278391	278839	0.42	cps
Manganese	55-2	360870	361729	360613	361071	0.16	cps
Molybdenum	94-1	2459	2692	2759	2636	5.98	cps
Molybdenum	95-1	667	592	467	575	17.57	cps
Molybdenum	96-1	992	983	1108	1028	6.80	cps
Molybdenum	97-1	417	392	400	403	3.16	cps
Molybdenum	98-1	933	933	1008	958	4.52	cps
Neodymium	150-1	5021	5328	5194	5181	2.97	cps
Neodymium	150-2	3140	3187	3084	3137	1.65	cps
Nickel	60-2	3620	3714	3530	3622	2.53	cps
Phosphorus	31-2	1458	1275	1283	1339	7.73	cps
Potassium	39-2	327834	327323	322677	325945	0.87	cps
Rhodium	103-1	6967412	6862859	6949554	6926608	0.81	cps
Rhodium	103-2	4415444	4395117	4406244	4405602	0.23	cps
Scandium	45-1	4038691	4034271	3994306	4022422	0.61	cps
Scandium	45-2	367084	366736	365110	366310	0.29	cps
Selenium	82-1	-77	-84	-32	-64	-43.96	cps
Selenium	77-2	7	7	10	8	24.71	cps
Selenium	78-2	176	187	148	170	11.76	cps
Silicon	28-1	5479219	5437848	5474222	5463763	0.41	cps
Silver	107-1	467	567	483	506	10.60	cps
Silver	109-1	417	425	442	428	2.98	cps
Sodium	23-2	89776	89969	87881	89209	1.29	cps
Strontium	86-1	27669	28378	28312	28120	1.39	cps
Strontium	88-1	214007	215064	210437	213169	1.14	cps
Sulfur	34-1	482826	483824	479779	482143	0.44	cps
Terbium	159-1	10626628	10282755	10369392	10426258	1.72	cps
Terbium	159-2	6876638	6595904	6658181	6710241	2.20	cps
Thallium	203-1	850	983	808	881	10.38	cps
Thallium	205-1	2067	2592	2292	2317	11.37	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2342-01LX5	Instrumnet Name :	P7
Client Sample ID :	MH0AY2L	Dilution Factor :	5
Date & Time Acquired ::	2021-05-21 12:36:22	DataFile Name :	084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	32379	31744	32234	32119	1.04	cps
Tin	118-1	1808	2000	1783	1864	6.36	cps
Titanium	47-1	129808	133331	132732	131957	1.43	cps
Uranium	238-1	15268	16127	15885	15760	2.81	cps
Vanadium	51-2	12345	13139	12535	12673	3.27	cps
Yttrium	89-1	11084447	10864630	10782974	10910684	1.43	cps
Yttrium	89-2	2618657	2626814	2608189	2617886	0.36	cps
Zinc	66-2	11024	11131	11034	11063	0.53	cps
Zirconium	90-1	5476	5685	5526	5562	1.96	cps
Zirconium	91-1	1408	1217	1283	1303	7.47	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2342-03	Instrumnet Name :	P7
Client Sample ID :	MH0AY2S	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 12:39:27	DataFile Name :	085SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1287714	1279437	1253401	1273517	1.41	cps
Antimony	121-1	97780	98771	101574	99375	1.98	cps
Arsenic	75-2	14151	14403	14164	14240	1.00	cps
Barium	135-1	1304626	1319006	1314417	1312683	0.56	cps
Barium	137-1	2277877	2308248	2321906	2302677	0.98	cps
Beryllium	9-1	12400	12416	12472	12429	0.30	cps
Bismuth	209-1	7539051	7430347	7529155	7499518	0.80	cps
Bismuth	209-2	4902205	4922386	5085815	4970135	2.03	cps
Boron	10-1	2242	2275	2775	2431	12.29	cps
Boron	11-1	11146	11830	12038	11671	4.00	cps
Bromine	81-1	7344	7794	7719	7619	3.17	cps
Bromine	81-2	611	511	561	561	8.93	cps
Cadmium	111-1	18330	18384	18131	18282	0.73	cps
Cadmium	106-1	5243	5885	5618	5582	5.78	cps
Cadmium	108-1	1233	1233	1375	1281	6.39	cps
Calcium	43-1	80251	82755	83267	82091	1.97	cps
Calcium	44-1	1300673	1324800	1348773	1324748	1.82	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	201375	201486	200199	201020	0.35	cps
Cobalt	59-2	549645	538044	542569	543419	1.08	cps
Copper	63-2	270740	270828	270978	270849	0.04	cps
Dysprosium	156-1	17220	17770	17194	17395	1.87	cps
Dysprosium	156-2	10140	9814	10117	10024	1.82	cps
Erbium	164-1	11747	11922	12389	12019	2.76	cps
Erbium	164-2	7746	8039	7646	7810	2.62	cps
Gadolinium	160-1	14116	13999	15342	14486	5.14	cps
Gadolinium	160-2	10231	10124	10161	10172	0.53	cps
Holmium	165-1	10642225	10558614	10711614	10637484	0.72	cps
Holmium	165-2	6993395	6863386	6965175	6940652	0.99	cps
Indium	115-1	7915996	7779903	7786275	7827391	0.98	cps
Indium	115-2	2482100	2449961	2513860	2481974	1.29	cps
Iron	56-2	38039549	37744441	37889680	37891224	0.39	cps
Iron	57-2	940032	942071	934895	938999	0.39	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2342-03	Instrumnet Name :	P7
Client Sample ID :	MH0AY2S	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 12:39:27	DataFile Name :	085SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	2105135	2068385	2051136	2074885	1.33	cps
Krypton	83-1	2090	1897	1913	1967	5.45	cps
Lead	206-1	116992	118819	119984	118599	1.27	cps
Lead	207-1	103650	105128	104596	104458	0.72	cps
Lead	208-1	473387	481079	481215	478560	0.94	cps
Lithium	6-1	2235110	2182880	2160879	2192956	1.74	cps
Magnesium	24-2	1395758	1388419	1381979	1388719	0.50	cps
Manganese	55-2	1795238	1780103	1775318	1783553	0.58	cps
Molybdenum	94-1	10337	10588	10938	10621	2.84	cps
Molybdenum	95-1	2125	2200	2184	2170	1.82	cps
Molybdenum	96-1	4009	3692	3767	3823	4.33	cps
Molybdenum	97-1	1383	1292	1217	1297	6.43	cps
Molybdenum	98-1	3284	3534	3217	3345	4.99	cps
Neodymium	150-1	29665	30127	30694	30162	1.71	cps
Neodymium	150-2	16904	17398	17167	17156	1.44	cps
Nickel	60-2	147893	148271	148960	148375	0.36	cps
Phosphorus	31-2	5685	5334	5476	5498	3.20	cps
Potassium	39-2	1404760	1380370	1389801	1391644	0.88	cps
Rhodium	103-1	7157286	6909787	6959629	7008901	1.87	cps
Rhodium	103-2	4529424	4472292	4567533	4523083	1.06	cps
Scandium	45-1	4144103	4090959	4109274	4114779	0.66	cps
Scandium	45-2	379394	376466	382736	379532	0.83	cps
Selenium	82-1	1766	2140	2127	2011	10.55	cps
Selenium	77-2	180	270	257	236	20.62	cps
Selenium	78-2	806	856	846	836	3.18	cps
Silicon	28-1	25335110	25165195	25530235	25343514	0.72	cps
Silver	107-1	84199	86421	88458	86360	2.47	cps
Silver	109-1	82574	81626	84015	82738	1.45	cps
Sodium	23-2	212829	210851	212052	211911	0.47	cps
Strontium	86-1	158868	160182	162596	160549	1.18	cps
Strontium	88-1	1353270	1366265	1362289	1360608	0.49	cps
Sulfur	34-1	477274	472403	473317	474331	0.55	cps
Terbium	159-1	10773679	10645075	10738961	10719238	0.62	cps
Terbium	159-2	6703241	6815560	6988885	6835895	2.11	cps
Thallium	203-1	75538	74885	76150	75525	0.84	cps
Thallium	205-1	183972	182076	186151	184066	1.11	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2342-03	Instrumnet Name :	P7
Client Sample ID :	MH0AY2S	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 12:39:27	DataFile Name :	085SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	218779	222230	223263	221424	1.06	cps
Tin	118-1	4476	4317	8215	5670	38.91	cps
Titanium	47-1	556769	561334	568790	562298	1.08	cps
Uranium	238-1	78259	77211	77974	77815	0.70	cps
Vanadium	51-2	328508	326678	325702	326963	0.44	cps
Yttrium	89-1	11298867	11076002	10955759	11110210	1.57	cps
Yttrium	89-2	2703573	2706053	2755675	2721767	1.08	cps
Zinc	66-2	102939	101482	101902	102108	0.73	cps
Zirconium	90-1	24739	25122	25314	25058	1.17	cps
Zirconium	91-1	5234	5843	5910	5662	6.57	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2342-04	Instrumnet Name :	P7
Client Sample ID :	MH0AY3	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 12:42:31	DataFile Name :	086SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1312005	1295401	1301632	1303013	0.64	cps
Antimony	121-1	14458	15250	15450	15053	3.49	cps
Arsenic	75-2	51489	50190	50701	50793	1.29	cps
Barium	135-1	622303	625906	622411	623540	0.33	cps
Barium	137-1	1095630	1102684	1105763	1101359	0.47	cps
Beryllium	9-1	628	606	583	606	3.67	cps
Bismuth	209-1	7298046	7257029	7159734	7238270	0.98	cps
Bismuth	209-2	4790775	4788506	4743968	4774416	0.55	cps
Boron	10-1	2684	2917	2875	2825	4.41	cps
Boron	11-1	13440	13974	14215	13876	2.86	cps
Bromine	81-1	9495	10246	9820	9854	3.82	cps
Bromine	81-2	721	891	961	858	14.41	cps
Cadmium	111-1	3711	3935	3938	3862	3.37	cps
Cadmium	106-1	4101	4217	4259	4192	1.96	cps
Cadmium	108-1	233	275	288	265	10.69	cps
Calcium	43-1	165339	168331	170540	168070	1.55	cps
Calcium	44-1	2658803	2686161	2737550	2694171	1.48	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	28250	27826	28190	28089	0.82	cps
Cobalt	59-2	96504	95823	97155	96494	0.69	cps
Copper	63-2	449177	448086	446723	447995	0.27	cps
Dysprosium	156-1	16585	16944	16961	16830	1.26	cps
Dysprosium	156-2	9610	9857	9547	9671	1.69	cps
Erbium	164-1	12982	12798	12790	12856	0.84	cps
Erbium	164-2	8493	8483	8329	8435	1.09	cps
Gadolinium	160-1	13791	13832	12965	13529	3.62	cps
Gadolinium	160-2	9593	9453	9657	9568	1.09	cps
Holmium	165-1	10473555	10311539	10338513	10374536	0.84	cps
Holmium	165-2	6740038	6677650	6664047	6693912	0.61	cps
Indium	115-1	7694808	7828529	7634760	7719365	1.28	cps
Indium	115-2	2476601	2460546	2472128	2469758	0.34	cps
Iron	56-2	64934332	64275793	64057338	64422488	0.71	cps
Iron	57-2	1596689	1588365	1586241	1590432	0.35	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2342-04	Instrumnet Name :	P7
Client Sample ID :	MH0AY3	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 12:42:31	DataFile Name :	086SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	3513857	3495242	3484927	3498009	0.42	cps
Krypton	83-1	1880	1943	1910	1911	1.66	cps
Lead	206-1	426387	431901	424645	427644	0.89	cps
Lead	207-1	377980	376292	382186	378819	0.80	cps
Lead	208-1	1720503	1730080	1745494	1732026	0.73	cps
Lithium	6-1	2170199	2173527	2209999	2184575	1.01	cps
Magnesium	24-2	1560900	1541599	1542348	1548282	0.71	cps
Manganese	55-2	15584828	15635639	15570729	15597065	0.22	cps
Molybdenum	94-1	15918	15767	15609	15765	0.98	cps
Molybdenum	95-1	11080	10846	10821	10916	1.31	cps
Molybdenum	96-1	13407	12965	13640	13337	2.57	cps
Molybdenum	97-1	7436	6819	6868	7041	4.87	cps
Molybdenum	98-1	17945	18054	18120	18040	0.49	cps
Neodymium	150-1	25758	26399	26900	26352	2.17	cps
Neodymium	150-2	14478	14718	14758	14651	1.03	cps
Nickel	60-2	14584	14337	14053	14325	1.85	cps
Phosphorus	31-2	8961	9320	8486	8922	4.69	cps
Potassium	39-2	1239831	1227709	1226182	1231241	0.61	cps
Rhodium	103-1	6962343	6907507	6889260	6919703	0.55	cps
Rhodium	103-2	4479786	4478221	4478735	4478914	0.02	cps
Scandium	45-1	4087640	4125337	4143062	4118680	0.69	cps
Scandium	45-2	377320	376216	376065	376534	0.18	cps
Selenium	82-1	24	-54	32	1	6175.04	cps
Selenium	77-2	37	60	27	41	41.60	cps
Selenium	78-2	200	219	165	194	14.03	cps
Silicon	28-1	25044491	24908661	25463167	25138773	1.15	cps
Silver	107-1	10846	10871	11180	10966	1.69	cps
Silver	109-1	10671	10354	10462	10496	1.53	cps
Sodium	23-2	161746	159253	158460	159820	1.07	cps
Strontium	86-1	187804	187719	186840	187454	0.28	cps
Strontium	88-1	1602807	1605918	1619445	1609390	0.55	cps
Sulfur	34-1	475733	481853	480240	479275	0.66	cps
Terbium	159-1	10278348	10451635	10344568	10358184	0.84	cps
Terbium	159-2	6567981	6624076	6650275	6614110	0.64	cps
Thallium	203-1	2992	2909	2867	2923	2.18	cps
Thallium	205-1	6994	6919	6602	6838	3.04	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2342-04	Instrumnet Name :	P7
Client Sample ID :	MH0AY3	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 12:42:31	DataFile Name :	086SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	200373	205162	206574	204036	1.59	cps
Tin	118-1	7310	6443	6877	6877	6.30	cps
Titanium	47-1	645920	653512	666450	655294	1.58	cps
Uranium	238-1	172316	176083	174073	174157	1.08	cps
Vanadium	51-2	138687	136551	135777	137005	1.10	cps
Yttrium	89-1	11241142	11076752	11150584	11156159	0.74	cps
Yttrium	89-2	2734574	2695764	2696708	2709015	0.82	cps
Zinc	66-2	103761	104292	103227	103760	0.51	cps
Zirconium	90-1	24947	25181	25740	25290	1.61	cps
Zirconium	91-1	5368	5651	5968	5662	5.30	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2342-01ARE	Instrumnet Name :	P7
Client Sample ID :	MH0AY2A	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 12:49:48	DataFile Name :	087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1198914	1199259	1213476	1203883	0.69	cps
Antimony	121-1	32931	34042	34601	33858	2.51	cps
Arsenic	75-2	13102	13106	12984	13064	0.53	cps
Barium	135-1	617589	634097	639180	630289	1.79	cps
Barium	137-1	1109279	1119916	1126925	1118707	0.79	cps
Beryllium	9-1	828	733	900	820	10.19	cps
Bismuth	209-1	7270615	7219106	7027111	7172277	1.79	cps
Bismuth	209-2	4662280	4736057	4721239	4706525	0.83	cps
Boron	10-1	2025	2375	2467	2289	10.18	cps
Boron	11-1	10988	11163	11463	11204	2.15	cps
Bromine	81-1	7035	7494	7827	7452	5.34	cps
Bromine	81-2	380	491	481	450	13.52	cps
Cadmium	111-1	1331	1208	1322	1287	5.31	cps
Cadmium	106-1	3992	3701	3726	3806	4.25	cps
Cadmium	108-1	79	88	117	94	20.85	cps
Calcium	43-1	73222	77922	78759	76634	3.89	cps
Calcium	44-1	1223290	1254638	1262110	1246679	1.65	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	63998	64363	64822	64394	0.64	cps
Cobalt	59-2	43785	44514	43561	43953	1.13	cps
Copper	63-2	99632	100445	99723	99933	0.45	cps
Dysprosium	156-1	16661	16677	16627	16655	0.15	cps
Dysprosium	156-2	9480	9300	9353	9378	0.99	cps
Erbium	164-1	11789	11739	11755	11761	0.22	cps
Erbium	164-2	7415	7576	7702	7564	1.90	cps
Gadolinium	160-1	13307	14174	14291	13924	3.86	cps
Gadolinium	160-2	9857	9834	9727	9806	0.71	cps
Holmium	165-1	10575523	10230798	10130726	10312349	2.26	cps
Holmium	165-2	6537306	6610784	6717364	6621818	1.37	cps
Indium	115-1	7946699	7701483	7666147	7771443	1.97	cps
Indium	115-2	2409985	2425835	2447886	2427902	0.78	cps
Iron	56-2	39390383	39315462	38974723	39226856	0.56	cps
Iron	57-2	970909	973571	965726	970069	0.41	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2342-01ARE	Instrumnet Name :	P7
Client Sample ID :	MH0AY2A	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 12:49:48	DataFile Name :	087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	2137211	2143762	2132374	2137782	0.27	cps
Krypton	83-1	1920	2023	2000	1981	2.74	cps
Lead	206-1	391301	394639	401152	395697	1.27	cps
Lead	207-1	356736	365363	366642	362913	1.48	cps
Lead	208-1	1599501	1634262	1645442	1626402	1.47	cps
Lithium	6-1	2185234	2141872	2152748	2159951	1.04	cps
Magnesium	24-2	1440225	1438842	1443604	1440891	0.17	cps
Manganese	55-2	1877902	1862823	1879131	1873285	0.48	cps
Molybdenum	94-1	11738	11747	11463	11650	1.39	cps
Molybdenum	95-1	2584	2650	3092	2775	9.96	cps
Molybdenum	96-1	4459	5059	4526	4681	7.03	cps
Molybdenum	97-1	1808	1708	1859	1792	4.26	cps
Molybdenum	98-1	4401	4759	4401	4520	4.58	cps
Neodymium	150-1	27327	28857	27621	27935	2.91	cps
Neodymium	150-2	15285	15185	15429	15300	0.80	cps
Nickel	60-2	18011	18345	18088	18148	0.96	cps
Phosphorus	31-2	5476	5226	5760	5487	4.86	cps
Potassium	39-2	1399911	1406631	1407404	1404648	0.29	cps
Rhodium	103-1	7102586	6977047	6919014	6999549	1.34	cps
Rhodium	103-2	4431191	4411204	4450857	4431084	0.45	cps
Scandium	45-1	4178257	4105077	4113516	4132283	0.97	cps
Scandium	45-2	368974	371851	372984	371270	0.56	cps
Selenium	82-1	61	-95	-144	-59	-179.94	cps
Selenium	77-2	30	33	33	32	5.97	cps
Selenium	78-2	167	178	178	174	3.68	cps
Silicon	28-1	26582683	27221340	27024863	26942962	1.21	cps
Silver	107-1	1592	1725	1900	1739	8.89	cps
Silver	109-1	1800	1875	2042	1906	6.49	cps
Sodium	23-2	192553	189877	190359	190929	0.75	cps
Strontium	86-1	128133	128352	130966	129150	1.22	cps
Strontium	88-1	1080580	1108818	1098145	1095848	1.30	cps
Sulfur	34-1	474351	468427	470239	471006	0.64	cps
Terbium	159-1	10690553	10322956	10292462	10435324	2.12	cps
Terbium	159-2	6545049	6554622	6615113	6571595	0.58	cps
Thallium	203-1	3301	3250	2917	3156	6.60	cps
Thallium	205-1	7677	7052	7311	7347	4.28	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2342-01ARE	Instrumnet Name :	P7
Client Sample ID :	MH0AY2A	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 12:49:48	DataFile Name :	087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	158815	163872	164905	162531	2.01	cps
Tin	118-1	4826	4259	4793	4626	6.88	cps
Titanium	47-1	680787	686716	696620	688041	1.16	cps
Uranium	238-1	78233	80675	82041	80316	2.40	cps
Vanadium	51-2	68930	68669	67858	68486	0.82	cps
Yttrium	89-1	11271414	11144683	10892328	11102808	1.74	cps
Yttrium	89-2	2645741	2647803	2689580	2661041	0.93	cps
Zinc	66-2	42441	42358	42829	42543	0.59	cps
Zirconium	90-1	27152	28270	28379	27933	2.43	cps
Zirconium	91-1	6018	5943	6176	6046	1.97	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2342-01A	Instrumnet Name :	P7
Client Sample ID :	MH0AY2A	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 12:56:50	DataFile Name :	088SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1206710	1207214	1191737	1201887	0.73	cps
Antimony	121-1	35219	35663	37183	36022	2.86	cps
Arsenic	75-2	13089	13204	12783	13026	1.67	cps
Barium	135-1	623663	638163	635553	632459	1.22	cps
Barium	137-1	1113040	1124408	1115981	1117809	0.53	cps
Beryllium	9-1	722	717	789	743	5.41	cps
Bismuth	209-1	7334639	7202597	7338602	7291946	1.06	cps
Bismuth	209-2	4763963	4727023	4727895	4739627	0.44	cps
Boron	10-1	2042	2492	2584	2372	12.22	cps
Boron	11-1	10812	11938	11538	11430	4.99	cps
Bromine	81-1	7210	7994	7477	7561	5.27	cps
Bromine	81-2	450	460	571	494	13.50	cps
Cadmium	111-1	1221	1305	1336	1287	4.61	cps
Cadmium	106-1	3909	4076	4184	4056	3.42	cps
Cadmium	108-1	75	92	79	82	10.59	cps
Calcium	43-1	75886	77804	76354	76681	1.30	cps
Calcium	44-1	1221568	1245418	1232311	1233099	0.97	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	64403	63717	64155	64092	0.54	cps
Cobalt	59-2	43421	44076	43926	43807	0.78	cps
Copper	63-2	99018	99203	98642	98955	0.29	cps
Dysprosium	156-1	16110	16969	16744	16608	2.68	cps
Dysprosium	156-2	9293	9567	9500	9453	1.51	cps
Erbium	164-1	11522	11397	11572	11497	0.78	cps
Erbium	164-2	7669	7449	7452	7523	1.68	cps
Gadolinium	160-1	13741	13632	13590	13654	0.57	cps
Gadolinium	160-2	9737	9647	9734	9706	0.53	cps
Holmium	165-1	10345852	10457523	10501902	10435092	0.77	cps
Holmium	165-2	6682406	6755648	6695585	6711213	0.58	cps
Indium	115-1	7863842	7815730	7825203	7834925	0.33	cps
Indium	115-2	2462301	2458603	2460935	2460613	0.08	cps
Iron	56-2	39149252	38395469	38847574	38797432	0.98	cps
Iron	57-2	967582	962364	965077	965007	0.27	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2342-01A	Instrumnet Name :	P7
Client Sample ID :	MH0AY2A	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 12:56:50	DataFile Name :	088SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	2143261	2116839	2117234	2125778	0.71	cps
Krypton	83-1	1847	1850	2040	1912	5.79	cps
Lead	206-1	320765	330905	330719	327463	1.77	cps
Lead	207-1	294475	298076	300157	297570	0.97	cps
Lead	208-1	1324965	1341380	1338416	1334920	0.66	cps
Lithium	6-1	2177440	2154117	2161131	2164229	0.55	cps
Magnesium	24-2	1431677	1421541	1437570	1430263	0.57	cps
Manganese	55-2	1873073	1852623	1859352	1861683	0.56	cps
Molybdenum	94-1	11713	11338	11855	11636	2.30	cps
Molybdenum	95-1	2709	2825	2642	2725	3.41	cps
Molybdenum	96-1	4451	4901	4668	4673	4.82	cps
Molybdenum	97-1	1675	1867	1884	1808	6.40	cps
Molybdenum	98-1	4234	4893	4384	4504	7.66	cps
Neodymium	150-1	27381	28062	28343	27929	1.77	cps
Neodymium	150-2	15472	15539	15569	15527	0.32	cps
Nickel	60-2	17971	18075	17928	17991	0.42	cps
Phosphorus	31-2	5584	5143	5134	5287	4.87	cps
Potassium	39-2	1397052	1402654	1400555	1400087	0.20	cps
Rhodium	103-1	7084479	6986060	7009430	7026656	0.73	cps
Rhodium	103-2	4513816	4469429	4475446	4486230	0.54	cps
Scandium	45-1	4149839	4131187	4138645	4139890	0.23	cps
Scandium	45-2	375011	374894	380257	376721	0.81	cps
Selenium	82-1	89	-36	-192	-46	-302.37	cps
Selenium	77-2	60	40	53	51	19.92	cps
Selenium	78-2	202	172	161	178	11.81	cps
Silicon	28-1	26798515	26574069	26477026	26616537	0.62	cps
Silver	107-1	1608	1717	1800	1708	5.63	cps
Silver	109-1	1642	1792	1600	1678	6.01	cps
Sodium	23-2	183188	184299	184984	184157	0.49	cps
Strontium	86-1	126226	128369	128857	127817	1.10	cps
Strontium	88-1	1078046	1103099	1096167	1092437	1.18	cps
Sulfur	34-1	471536	474507	466774	470939	0.83	cps
Terbium	159-1	10813712	10440500	10675945	10643385	1.77	cps
Terbium	159-2	6616135	6658725	6603584	6626148	0.44	cps
Thallium	203-1	3159	3042	2967	3056	3.16	cps
Thallium	205-1	8094	7903	7210	7736	6.01	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2342-01A	Instrumnet Name :	P7
Client Sample ID :	MH0AY2A	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 12:56:50	DataFile Name :	088SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	159501	162807	162593	161634	1.14	cps
Tin	118-1	4593	3859	4151	4201	8.79	cps
Titanium	47-1	675366	690139	677159	680888	1.18	cps
Uranium	238-1	79743	81185	81663	80864	1.24	cps
Vanadium	51-2	68384	67811	68407	68201	0.49	cps
Yttrium	89-1	11186660	11250417	11350202	11262426	0.73	cps
Yttrium	89-2	2705391	2679643	2688380	2691138	0.49	cps
Zinc	66-2	41863	41853	41295	41670	0.78	cps
Zirconium	90-1	28153	27869	26926	27649	2.32	cps
Zirconium	91-1	5743	5985	6210	5979	3.91	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	CCV04	Instrumnet Name :	P7
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 13:01:41	DataFile Name :	089CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6803242	6740530	6860098	6801290	0.88	cps
Antimony	121-1	3520762	3572090	3590167	3561006	1.01	cps
Arsenic	75-2	167440	165547	167064	166683	0.60	cps
Barium	135-1	3585009	3617885	3634202	3612365	0.69	cps
Barium	137-1	6619815	6616490	6651639	6629315	0.29	cps
Beryllium	9-1	548431	569047	560697	559391	1.85	cps
Bismuth	209-1	6034044	5930591	6000028	5988221	0.88	cps
Bismuth	209-2	4194078	4202952	4211775	4202935	0.21	cps
Boron	10-1	64806	68061	69802	67556	3.75	cps
Boron	11-1	307482	330537	331840	323286	4.24	cps
Bromine	81-1	5751	5751	5685	5729	0.67	cps
Bromine	81-2	150	100	60	103	43.64	cps
Cadmium	111-1	852560	872792	865530	863627	1.19	cps
Cadmium	106-1	99732	102577	99892	100734	1.59	cps
Cadmium	108-1	67455	69573	69774	68934	1.86	cps
Calcium	43-1	4207831	4265681	4321158	4264890	1.33	cps
Calcium	44-1	65432099	67011193	67201820	66548371	1.46	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1482432	1481009	1486200	1483214	0.18	cps
Cobalt	59-2	2288309	2283749	2269092	2280384	0.44	cps
Copper	63-2	16198866	16184631	16095681	16159726	0.35	cps
Dysprosium	156-1	992	1100	1008	1033	5.64	cps
Dysprosium	156-2	737	640	617	664	9.58	cps
Erbium	164-1	183	142	142	156	15.47	cps
Erbium	164-2	133	190	133	152	21.49	cps
Gadolinium	160-1	858	883	1050	931	11.20	cps
Gadolinium	160-2	770	910	763	814	10.17	cps
Holmium	165-1	9905795	9590271	9650967	9715678	1.72	cps
Holmium	165-2	6108203	6423959	6131125	6221096	2.83	cps
Indium	115-1	7193612	7032489	6963947	7063349	1.67	cps
Indium	115-2	2251845	2259762	2269062	2260223	0.38	cps
Iron	56-2	334939952	334806396	336134530	335293626	0.22	cps
Iron	57-2	8398183	8320368	8428016	8382189	0.66	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	CCV04	Instrumnet Name :	P7
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 13:01:41	DataFile Name :	089CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	18144616	18274162	18116079	18178286	0.46	cps
Krypton	83-1	1953	1953	1883	1930	2.09	cps
Lead	206-1	14227561	14263621	14177048	14222744	0.31	cps
Lead	207-1	13076775	13186951	13313346	13192357	0.90	cps
Lead	208-1	58031655	58373805	58828748	58411403	0.68	cps
Lithium	6-1	2036256	2016713	2029198	2027389	0.49	cps
Magnesium	24-2	74541506	73717885	74499535	74252975	0.62	cps
Manganese	55-2	10282331	10354221	10270491	10302347	0.44	cps
Molybdenum	94-1	6449987	6477170	6341332	6422830	1.12	cps
Molybdenum	95-1	7941068	7992805	8063715	7999196	0.77	cps
Molybdenum	96-1	8911541	9083034	8978312	8990962	0.96	cps
Molybdenum	97-1	4801849	4832301	4834926	4823025	0.38	cps
Molybdenum	98-1	12859501	13015427	13140537	13005155	1.08	cps
Neodymium	150-1	280	287	287	284	1.35	cps
Neodymium	150-2	47	43	33	41	16.89	cps
Nickel	60-2	584173	587842	585555	585857	0.32	cps
Phosphorus	31-2	68365	68549	67745	68220	0.62	cps
Potassium	39-2	33980682	33532112	34217170	33909988	1.03	cps
Rhodium	103-1	6365158	6308888	6317418	6330488	0.48	cps
Rhodium	103-2	4006636	4028731	4025965	4020444	0.30	cps
Scandium	45-1	3923967	3909142	3893158	3908756	0.39	cps
Scandium	45-2	356299	355275	357310	356294	0.29	cps
Selenium	82-1	50389	51507	51297	51064	1.16	cps
Selenium	77-2	4978	5001	4911	4963	0.94	cps
Selenium	78-2	16103	16194	16307	16202	0.63	cps
Silicon	28-1	2105544	2211636	2249053	2188744	3.40	cps
Silver	107-1	4131989	4216172	4184871	4177677	1.02	cps
Silver	109-1	4001425	4087468	4069577	4052823	1.12	cps
Sodium	23-2	124938911	122018736	126050757	124336135	1.67	cps
Strontium	86-1	9638948	9741791	9692146	9690961	0.53	cps
Strontium	88-1	83620302	84249906	85595637	84488615	1.19	cps
Sulfur	34-1	767413	759837	765959	764403	0.53	cps
Terbium	159-1	9902445	9708272	9627888	9746202	1.45	cps
Terbium	159-2	6338519	6329214	6295242	6320992	0.36	cps
Thallium	203-1	3311283	3301706	3334045	3315678	0.50	cps
Thallium	205-1	8382935	8356467	8353138	8364180	0.20	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	CCV04	Instrumnet Name :	P7
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 13:01:41	DataFile Name :	089CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	12585344	12604491	12965739	12718525	1.69	cps
Tin	118-1	2544641	2627761	2623215	2598539	1.80	cps
Titanium	47-1	1901640	1943294	1951645	1932193	1.39	cps
Uranium	238-1	12206347	11986804	12217078	12136743	1.07	cps
Vanadium	51-2	1252299	1255668	1253719	1253895	0.13	cps
Yttrium	89-1	10404507	10260642	10217067	10294072	0.95	cps
Yttrium	89-2	2520581	2525491	2510137	2518736	0.31	cps
Zinc	66-2	2610940	2593527	2609306	2604591	0.37	cps
Zirconium	90-1	4904004	4956165	4967678	4942615	0.69	cps
Zirconium	91-1	1100817	1113212	1112884	1108971	0.64	cps

LB Number : LB114597 Operator : JASWAL
 Lab Sample ID : CCB04 Instrumnet Name : P7
 Client Sample ID : CCB04 Dilution Factor : 1
 Date & Time Acquired :: 2021-05-21 13:12:06 DataFile Name : 090CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	492	383	250	375	32.28	cps
Antimony	121-1	683	717	658	686	4.27	cps
Arsenic	75-2	24	19	13	19	30.00	cps
Barium	135-1	158	242	150	183	27.65	cps
Barium	137-1	267	350	358	325	15.60	cps
Beryllium	9-1	83	111	133	109	22.93	cps
Bismuth	209-1	6485189	6446639	6475836	6469222	0.31	cps
Bismuth	209-2	4593207	4560078	4619662	4590982	0.65	cps
Boron	10-1	675	567	500	581	15.21	cps
Boron	11-1	2917	3084	2750	2917	5.72	cps
Bromine	81-1	5351	5793	5701	5615	4.15	cps
Bromine	81-2	130	80	100	103	24.36	cps
Cadmium	111-1	801	799	716	772	6.31	cps
Cadmium	106-1	3867	3842	3376	3695	7.50	cps
Cadmium	108-1	21	33	38	31	28.39	cps
Calcium	43-1	450	367	342	386	14.69	cps
Calcium	44-1	14557	14373	15399	14777	3.70	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1387	1457	1383	1409	2.94	cps
Cobalt	59-2	177	180	210	189	9.72	cps
Copper	63-2	1967	2207	2177	2117	6.18	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	3	10	0	4	114.60	cps
Erbium	164-1	25	42	50	39	32.73	cps
Erbium	164-2	37	37	20	31	30.93	cps
Gadolinium	160-1	33	58	50	47	26.96	cps
Gadolinium	160-2	53	53	60	56	6.93	cps
Holmium	165-1	10105944	9882030	10001473	9996483	1.12	cps
Holmium	165-2	6557037	6563296	6216567	6445633	3.08	cps
Indium	115-1	7531852	7434505	7488216	7484858	0.65	cps
Indium	115-2	2388088	2362773	2386925	2379262	0.60	cps
Iron	56-2	21177	21677	21744	21533	1.44	cps
Iron	57-2	583	511	589	561	7.73	cps

LB Number : LB114597 Operator : JASWAL
 Lab Sample ID : CCB04 Instrumnet Name : P7
 Client Sample ID : CCB04 Dilution Factor : 1
 Date & Time Acquired :: 2021-05-21 13:12:06 DataFile Name : 090CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	2102	2062	2102	2089	1.11	cps
Krypton	83-1	2060	2014	1963	2012	2.40	cps
Lead	206-1	2295	2011	2084	2130	6.91	cps
Lead	207-1	1856	2039	1878	1924	5.20	cps
Lead	208-1	8585	8562	8574	8573	0.13	cps
Lithium	6-1	2144523	2130309	2110316	2128382	0.81	cps
Magnesium	24-2	3692	3834	3759	3762	1.88	cps
Manganese	55-2	543	613	550	569	6.79	cps
Molybdenum	94-1	650	608	608	622	3.87	cps
Molybdenum	95-1	467	483	600	517	14.06	cps
Molybdenum	96-1	567	617	550	578	6.01	cps
Molybdenum	97-1	325	242	267	278	15.40	cps
Molybdenum	98-1	633	833	650	706	15.73	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	180	207	127	171	23.81	cps
Phosphorus	31-2	325	217	408	317	30.35	cps
Potassium	39-2	67730	64758	65461	65983	2.35	cps
Rhodium	103-1	6875954	6880257	6898444	6884885	0.17	cps
Rhodium	103-2	4340821	4317132	4336389	4331447	0.29	cps
Scandium	45-1	4002765	3942269	3960598	3968544	0.78	cps
Scandium	45-2	361225	361453	362798	361825	0.24	cps
Selenium	82-1	-192	-98	-143	-144	-32.43	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	159	170	154	161	5.27	cps
Silicon	28-1	332929	336070	333952	334317	0.48	cps
Silver	107-1	342	250	392	328	21.92	cps
Silver	109-1	208	28524	2355	10362	152.14	cps
Sodium	23-2	51254	51422	49549	50742	2.04	cps
Strontium	86-1	3475	3692	3526	3564	3.18	cps
Strontium	88-1	3801	4059	4076	3978	3.88	cps
Sulfur	34-1	501735	502067	504163	502655	0.26	cps
Terbium	159-1	10147297	10039818	10017342	10068152	0.69	cps
Terbium	159-2	6438580	6285161	6381474	6368405	1.22	cps
Thallium	203-1	2750	2575	2575	2634	3.84	cps
Thallium	205-1	6077	6802	6343	6407	5.73	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	CCB04	Instrumnet Name :	P7
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 13:12:06	DataFile Name :	090CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	822	989	878	896	9.47	cps
Tin	118-1	667	775	775	739	8.47	cps
Titanium	47-1	167	175	183	175	4.76	cps
Uranium	238-1	583	558	483	542	9.61	cps
Vanadium	51-2	63	77	70	70	9.53	cps
Yttrium	89-1	10586975	10672756	10599511	10619748	0.44	cps
Yttrium	89-2	2557944	2560621	2549582	2556049	0.23	cps
Zinc	66-2	517	360	483	453	18.21	cps
Zirconium	90-1	1000	1050	925	992	6.35	cps
Zirconium	91-1	250	250	242	247	1.95	cps

LB Number : LB114597 Operator : JASWAL
 Lab Sample ID : PB136475TB Instrumnet Name : P7
 Client Sample ID : PB136475TB Dilution Factor : 1
 Date & Time Acquired :: 2021-05-21 13:26:25 DataFile Name : 091CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	92	183	125	40.55	cps
Antimony	121-1	225	242	250	239	5.33	cps
Arsenic	75-2	6	11	7	8	35.21	cps
Barium	135-1	42	25	50	39	32.73	cps
Barium	137-1	58	33	42	44	28.65	cps
Beryllium	9-1	50	78	89	72	27.74	cps
Bismuth	209-1	6459942	6440052	6330356	6410117	1.09	cps
Bismuth	209-2	4588305	4661135	4635346	4628262	0.80	cps
Boron	10-1	208	267	267	247	13.62	cps
Boron	11-1	1350	1267	1483	1367	8.00	cps
Bromine	81-1	5493	5851	5701	5682	3.17	cps
Bromine	81-2	100	100	170	123	32.77	cps
Cadmium	111-1	749	726	766	747	2.69	cps
Cadmium	106-1	3826	3667	3859	3784	2.71	cps
Cadmium	108-1	29	29	21	26	18.25	cps
Calcium	43-1	150	133	200	161	21.53	cps
Calcium	44-1	11171	12155	11363	11563	4.51	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1377	1453	1373	1401	3.23	cps
Cobalt	59-2	110	113	130	118	9.10	cps
Copper	63-2	1147	1053	1107	1102	4.25	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	0	10	0	3	173.21	cps
Erbium	164-1	133	42	108	94	50.17	cps
Erbium	164-2	20	47	60	42	48.24	cps
Gadolinium	160-1	25	58	33	39	44.61	cps
Gadolinium	160-2	63	43	50	52	19.50	cps
Holmium	165-1	10050490	10063358	9595299	9903049	2.69	cps
Holmium	165-2	6564877	6600064	6584322	6583088	0.27	cps
Indium	115-1	7625480	7563969	7365023	7518157	1.81	cps
Indium	115-2	2397600	2440213	2438639	2425484	1.00	cps
Iron	56-2	6324	6707	6657	6563	3.18	cps
Iron	57-2	178	189	161	176	7.94	cps

LB Number : LB114597 Operator : JASWAL
 Lab Sample ID : PB136475TB Instrumnet Name : P7
 Client Sample ID : PB136475TB Dilution Factor : 1
 Date & Time Acquired :: 2021-05-21 13:26:25 DataFile Name : 091CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1311	1211	1281	1268	4.05	cps
Krypton	83-1	2017	1953	1910	1960	2.74	cps
Lead	206-1	983	945	928	952	3.00	cps
Lead	207-1	694	728	900	774	14.25	cps
Lead	208-1	3567	3856	3728	3717	3.90	cps
Lithium	6-1	2127450	2128993	2076401	2110948	1.42	cps
Magnesium	24-2	433	425	408	422	3.01	cps
Manganese	55-2	193	200	167	187	9.45	cps
Molybdenum	94-1	267	350	233	283	21.21	cps
Molybdenum	95-1	0	25	42	22	94.38	cps
Molybdenum	96-1	158	108	58	108	46.16	cps
Molybdenum	97-1	67	25	8	33	90.15	cps
Molybdenum	98-1	83	67	33	61	41.67	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	140	150	157	149	5.64	cps
Phosphorus	31-2	267	342	325	311	12.66	cps
Potassium	39-2	66800	65118	66382	66100	1.33	cps
Rhodium	103-1	6973166	6897893	6704061	6858373	2.02	cps
Rhodium	103-2	4359640	4461025	4438345	4419670	1.20	cps
Scandium	45-1	4025485	4003855	3905440	3978260	1.61	cps
Scandium	45-2	360572	373972	374262	369602	2.12	cps
Selenium	82-1	-100	-56	20	-45	-133.99	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	148	163	200	170	15.68	cps
Silicon	28-1	332333	331580	332175	332029	0.12	cps
Silver	107-1	83	133	133	117	24.74	cps
Silver	109-1	8	75	83	56	74.00	cps
Sodium	23-2	41884	40990	41291	41388	1.10	cps
Strontium	86-1	3326	3075	3292	3231	4.20	cps
Strontium	88-1	283	317	250	283	11.76	cps
Sulfur	34-1	507313	509418	511025	509252	0.37	cps
Terbium	159-1	10175857	10122174	9854301	10050777	1.71	cps
Terbium	159-2	6523681	6449168	6555856	6509568	0.84	cps
Thallium	203-1	2209	2309	2409	2309	4.33	cps
Thallium	205-1	5351	5651	5751	5585	3.73	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	PB136475TB	Instrumnet Name :	P7
Client Sample ID :	PB136475TB	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 13:26:25	DataFile Name :	091CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	172	217	228	206	14.30	cps
Tin	118-1	683	575	825	694	18.05	cps
Titanium	47-1	58	92	75	75	22.23	cps
Uranium	238-1	25	0	8	11	114.58	cps
Vanadium	51-2	13	3	3	7	86.65	cps
Yttrium	89-1	10622758	10595338	10569907	10596001	0.25	cps
Yttrium	89-2	2566913	2631635	2633517	2610688	1.45	cps
Zinc	66-2	390	417	330	379	11.72	cps
Zirconium	90-1	667	708	700	692	3.19	cps
Zirconium	91-1	142	183	158	161	13.02	cps

LB Number : LB114597 Operator : JASWAL
 Lab Sample ID : CCV05 Instrumnet Name : P7
 Client Sample ID : CCV05 Dilution Factor : 1
 Date & Time Acquired :: 2021-05-21 13:34:37 DataFile Name : 092CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7078088	7078785	6967723	7041532	0.91	cps
Antimony	121-1	3637259	3694365	3714787	3682137	1.09	cps
Arsenic	75-2	172414	174802	174222	173812	0.72	cps
Barium	135-1	3737013	3731571	3753040	3740541	0.30	cps
Barium	137-1	6896836	6939024	6941451	6925771	0.36	cps
Beryllium	9-1	587637	593670	596698	592668	0.78	cps
Bismuth	209-1	6390046	6213801	6039641	6214496	2.82	cps
Bismuth	209-2	4334692	4344355	4271597	4316881	0.92	cps
Boron	10-1	68212	71284	75354	71617	5.00	cps
Boron	11-1	328033	344324	359502	343953	4.58	cps
Bromine	81-1	5826	6185	6268	6093	3.85	cps
Bromine	81-2	70	110	130	103	29.57	cps
Cadmium	111-1	872684	878091	881965	877580	0.53	cps
Cadmium	106-1	101108	102861	103316	102428	1.14	cps
Cadmium	108-1	69761	70084	69795	69880	0.25	cps
Calcium	43-1	4438545	4482325	4513890	4478253	0.84	cps
Calcium	44-1	68864761	68772778	70378056	69338532	1.30	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1540559	1544314	1548792	1544555	0.27	cps
Cobalt	59-2	2361800	2367541	2362531	2363957	0.13	cps
Copper	63-2	16517864	16558445	16571479	16549263	0.17	cps
Dysprosium	156-1	1033	867	1067	989	10.84	cps
Dysprosium	156-2	707	737	673	706	4.49	cps
Erbium	164-1	192	225	283	233	19.89	cps
Erbium	164-2	153	130	120	134	12.73	cps
Gadolinium	160-1	1150	925	1067	1047	10.86	cps
Gadolinium	160-2	773	847	773	798	5.31	cps
Holmium	165-1	10427880	10105164	10003767	10178937	2.18	cps
Holmium	165-2	6700696	6612635	6580685	6631339	0.94	cps
Indium	115-1	7600429	7381864	7115955	7366083	3.29	cps
Indium	115-2	2351165	2359634	2308256	2339685	1.18	cps
Iron	56-2	349681486	346855008	344250797	346929097	0.78	cps
Iron	57-2	8653271	8638386	8624384	8638680	0.17	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	CCV05	Instrumnet Name :	P7
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 13:34:37	DataFile Name :	092CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	18988640	18897530	18971889	18952687	0.26	cps
Krypton	83-1	1953	1737	2010	1900	7.59	cps
Lead	206-1	14659542	14758395	14622364	14680100	0.48	cps
Lead	207-1	13746229	13604570	13342072	13564290	1.51	cps
Lead	208-1	60375753	60150686	59662270	60062903	0.61	cps
Lithium	6-1	2175294	2141357	2111257	2142636	1.50	cps
Magnesium	24-2	77480573	77121514	76908818	77170302	0.37	cps
Manganese	55-2	10818624	10750649	10685553	10751609	0.62	cps
Molybdenum	94-1	6707328	6763996	6807960	6759761	0.75	cps
Molybdenum	95-1	8284872	8309407	8440053	8344778	1.00	cps
Molybdenum	96-1	9330201	9331658	9447614	9369824	0.72	cps
Molybdenum	97-1	5042791	4995637	5070305	5036244	0.75	cps
Molybdenum	98-1	13486200	13348547	13545939	13460228	0.75	cps
Neodymium	150-1	347	267	320	311	13.09	cps
Neodymium	150-2	30	57	63	50	35.28	cps
Nickel	60-2	612095	611435	606193	609908	0.53	cps
Phosphorus	31-2	72083	71521	70433	71346	1.18	cps
Potassium	39-2	35238737	35414730	34940081	35197849	0.68	cps
Rhodium	103-1	6745559	6566526	6416591	6576226	2.50	cps
Rhodium	103-2	4146556	4207000	4097078	4150211	1.33	cps
Scandium	45-1	4226364	4130676	3993327	4116789	2.85	cps
Scandium	45-2	373485	374385	368127	371999	0.91	cps
Selenium	82-1	50153	50799	51170	50707	1.02	cps
Selenium	77-2	5028	5018	4974	5006	0.57	cps
Selenium	78-2	15957	16461	16178	16199	1.56	cps
Silicon	28-1	2313035	2448645	2552885	2438188	4.93	cps
Silver	107-1	4183657	4247219	4278573	4236483	1.14	cps
Silver	109-1	4065797	4108446	4153964	4109402	1.07	cps
Sodium	23-2	130752099	131336340	128288199	130125546	1.24	cps
Strontium	86-1	9996030	10103465	10071662	10057052	0.55	cps
Strontium	88-1	87909221	88901812	88960548	88590527	0.67	cps
Sulfur	34-1	788899	779611	779453	782655	0.69	cps
Terbium	159-1	10447673	10017285	9980520	10148493	2.56	cps
Terbium	159-2	6507527	6444514	6489156	6480399	0.50	cps
Thallium	203-1	3407450	3447120	3462518	3439030	0.83	cps
Thallium	205-1	8528574	8539137	8597340	8555017	0.43	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	CCV05	Instrumnet Name :	P7
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 13:34:37	DataFile Name :	092CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	13218886	13217202	13087375	13174487	0.57	cps
Tin	118-1	2675230	2686389	2712149	2691256	0.70	cps
Titanium	47-1	2011302	2039166	2049974	2033481	0.98	cps
Uranium	238-1	12468471	12568676	12141798	12392982	1.80	cps
Vanadium	51-2	1303176	1313919	1311753	1309616	0.43	cps
Yttrium	89-1	11070427	10905549	10541199	10839058	2.50	cps
Yttrium	89-2	2608264	2631192	2567659	2602372	1.24	cps
Zinc	66-2	2685985	2701730	2692610	2693442	0.29	cps
Zirconium	90-1	5073898	5132445	5235742	5147361	1.59	cps
Zirconium	91-1	1144787	1157233	1172590	1158203	1.20	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 13:51:48	DataFile Name :	094LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3200	2684	3050	2978	8.93	cps
Antimony	121-1	14266	14483	14758	14502	1.70	cps
Arsenic	75-2	391	467	354	404	14.27	cps
Barium	135-1	15067	16510	15876	15818	4.57	cps
Barium	137-1	28079	28547	28446	28357	0.87	cps
Beryllium	9-1	1328	1256	1328	1304	3.20	cps
Bismuth	209-1	6350434	6538207	7055974	6648205	5.50	cps
Bismuth	209-2	4597973	4583909	4617145	4599676	0.36	cps
Boron	10-1	3784	3976	3992	3917	2.96	cps
Boron	11-1	18236	19088	19580	18968	3.58	cps
Bromine	81-1	5818	5801	5560	5726	2.53	cps
Bromine	81-2	90	90	150	110	31.50	cps
Cadmium	111-1	2417	2662	2663	2581	5.48	cps
Cadmium	106-1	3692	3451	3826	3656	5.20	cps
Cadmium	108-1	138	154	104	132	19.29	cps
Calcium	43-1	9345	9553	10154	9684	4.34	cps
Calcium	44-1	159954	162475	160755	161061	0.80	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7952	7906	7619	7825	2.31	cps
Cobalt	59-2	5471	5328	5308	5369	1.66	cps
Copper	63-2	8186	8206	8362	8251	1.17	cps
Dysprosium	156-1	0	17	25	14	91.65	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	83	25	100	69	56.71	cps
Erbium	164-2	47	27	43	39	27.55	cps
Gadolinium	160-1	17	42	25	28	45.82	cps
Gadolinium	160-2	23	47	60	43	42.83	cps
Holmium	165-1	9949584	10085621	10016463	10017223	0.68	cps
Holmium	165-2	6532561	6627560	6621369	6593830	0.81	cps
Indium	115-1	7588219	7531588	7623389	7581065	0.61	cps
Indium	115-2	2410506	2412819	2416304	2413210	0.12	cps
Iron	56-2	154058	156013	156141	155404	0.75	cps
Iron	57-2	3756	3689	4090	3845	5.58	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 13:51:48	DataFile Name :	094LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	10184	9353	10014	9850	4.46	cps
Krypton	83-1	1893	1897	1860	1883	1.08	cps
Lead	206-1	7169	6913	7530	7204	4.30	cps
Lead	207-1	6468	6524	6752	6581	2.28	cps
Lead	208-1	28829	28779	30119	29243	2.60	cps
Lithium	6-1	2135245	2157139	2163393	2151926	0.69	cps
Magnesium	24-2	155195	151423	155213	153944	1.42	cps
Manganese	55-2	2757	2660	2780	2733	2.33	cps
Molybdenum	94-1	12998	13899	13815	13571	3.67	cps
Molybdenum	95-1	15909	16326	16193	16143	1.32	cps
Molybdenum	96-1	18587	18195	18537	18440	1.16	cps
Molybdenum	97-1	10321	10863	10229	10471	3.27	cps
Molybdenum	98-1	27869	26542	26300	26904	3.14	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	1623	1593	1577	1598	1.48	cps
Phosphorus	31-2	317	300	300	306	3.15	cps
Potassium	39-2	212452	214706	217868	215009	1.27	cps
Rhodium	103-1	6870950	6893335	6885462	6883249	0.16	cps
Rhodium	103-2	4368232	4396111	4380743	4381695	0.32	cps
Scandium	45-1	4037876	4048911	4045407	4044064	0.14	cps
Scandium	45-2	365862	367583	369011	367485	0.43	cps
Selenium	82-1	532	452	504	496	8.19	cps
Selenium	77-2	53	50	60	54	9.35	cps
Selenium	78-2	263	348	294	302	14.27	cps
Silicon	28-1	365891	378771	372468	372377	1.73	cps
Silver	107-1	8853	8803	8795	8817	0.36	cps
Silver	109-1	7961	8386	7711	8019	4.26	cps
Sodium	23-2	309288	306150	310851	308763	0.78	cps
Strontium	86-1	5284	5259	5651	5398	4.06	cps
Strontium	88-1	18687	18913	19213	18938	1.39	cps
Sulfur	34-1	512975	507306	502861	507714	1.00	cps
Terbium	159-1	10088507	10063364	10180251	10110707	0.61	cps
Terbium	159-2	6329509	6465683	6356945	6384046	1.13	cps
Thallium	203-1	8812	9053	9362	9076	3.04	cps
Thallium	205-1	20583	21610	21376	21190	2.54	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 13:51:48	DataFile Name :	094LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	217	200	250	222	11.46	cps
Tin	118-1	29473	29264	29022	29253	0.77	cps
Titanium	47-1	4109	4126	4284	4173	2.32	cps
Uranium	238-1	23739	24365	25793	24632	4.27	cps
Vanadium	51-2	13543	13746	13810	13700	1.02	cps
Yttrium	89-1	10555741	10740263	10538525	10611510	1.05	cps
Yttrium	89-2	2582989	2599595	2601201	2594595	0.39	cps
Zinc	66-2	1507	1710	1693	1637	6.90	cps
Zirconium	90-1	10913	10504	11021	10813	2.52	cps
Zirconium	91-1	2509	2292	2584	2461	6.16	cps

LB Number : LB114597 Operator : JASWAL
 Lab Sample ID : CCB05 Instrumnet Name : P7
 Client Sample ID : CCB05 Dilution Factor : 1
 Date & Time Acquired :: 2021-05-21 13:54:54 DataFile Name : 095CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	125	83	94	28.37	cps
Antimony	121-1	217	142	217	192	22.59	cps
Arsenic	75-2	7	7	7	7	0.00	cps
Barium	135-1	8	8	25	14	69.31	cps
Barium	137-1	33	83	58	58	42.87	cps
Beryllium	9-1	50	83	83	72	26.65	cps
Bismuth	209-1	6609898	6473818	6432459	6505392	1.43	cps
Bismuth	209-2	3979961	4534178	4539425	4351188	7.39	cps
Boron	10-1	642	608	392	547	24.81	cps
Boron	11-1	2684	2350	2217	2417	9.95	cps
Bromine	81-1	5960	5685	5768	5804	2.43	cps
Bromine	81-2	90	70	90	83	13.86	cps
Cadmium	111-1	752	783	808	781	3.58	cps
Cadmium	106-1	3784	3976	4084	3948	3.85	cps
Cadmium	108-1	13	29	13	18	53.30	cps
Calcium	43-1	150	133	100	128	19.93	cps
Calcium	44-1	11305	10662	11546	11171	4.09	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1503	1383	1323	1403	6.53	cps
Cobalt	59-2	187	163	167	172	7.33	cps
Copper	63-2	1057	1053	1013	1041	2.32	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	133	92	33	86	58.34	cps
Erbium	164-2	43	27	37	36	23.58	cps
Gadolinium	160-1	42	42	25	36	26.65	cps
Gadolinium	160-2	50	57	70	59	17.29	cps
Holmium	165-1	10276463	10047802	9852864	10059043	2.11	cps
Holmium	165-2	5442998	6499185	6557597	6166594	10.17	cps
Indium	115-1	7739550	7705134	7543294	7662659	1.37	cps
Indium	115-2	2071905	2375869	2366694	2271489	7.61	cps
Iron	56-2	6162	6452	6190	6268	2.54	cps
Iron	57-2	183	206	178	189	7.78	cps

LB Number : LB114597 Operator : JASWAL
 Lab Sample ID : CCB05 Instrumnet Name : P7
 Client Sample ID : CCB05 Dilution Factor : 1
 Date & Time Acquired :: 2021-05-21 13:54:54 DataFile Name : 095CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1151	1231	1081	1155	6.51	cps
Krypton	83-1	1810	1947	1897	1885	3.67	cps
Lead	206-1	1122	1145	1100	1122	1.98	cps
Lead	207-1	1078	989	1022	1030	4.36	cps
Lead	208-1	4678	4473	4728	4626	2.93	cps
Lithium	6-1	2177540	2146424	2122535	2148833	1.28	cps
Magnesium	24-2	483	442	425	450	6.68	cps
Manganese	55-2	133	120	143	132	8.86	cps
Molybdenum	94-1	283	242	308	278	12.12	cps
Molybdenum	95-1	42	67	33	47	36.74	cps
Molybdenum	96-1	92	58	125	92	36.36	cps
Molybdenum	97-1	17	42	17	25	57.73	cps
Molybdenum	98-1	42	133	83	86	53.30	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	140	183	140	154	16.20	cps
Phosphorus	31-2	308	408	400	372	14.91	cps
Potassium	39-2	66306	64423	65042	65257	1.47	cps
Rhodium	103-1	7088640	7033322	6891437	7004466	1.45	cps
Rhodium	103-2	3765397	4297455	4326033	4129628	7.65	cps
Scandium	45-1	4100804	4063167	4028388	4064120	0.89	cps
Scandium	45-2	312401	360564	362366	345110	8.21	cps
Selenium	82-1	76	-34	20	21	265.06	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	181	146	163	164	10.76	cps
Silicon	28-1	336094	332986	336284	335121	0.55	cps
Silver	107-1	125	100	142	122	17.16	cps
Silver	109-1	117	100	92	103	12.39	cps
Sodium	23-2	42769	40956	41583	41770	2.20	cps
Strontium	86-1	3067	3159	3417	3214	5.65	cps
Strontium	88-1	192	183	192	189	2.55	cps
Sulfur	34-1	507146	516038	516335	513173	1.02	cps
Terbium	159-1	10204567	10229559	10045638	10159922	0.98	cps
Terbium	159-2	5390280	6334414	6348136	6024277	9.11	cps
Thallium	203-1	1183	1283	1375	1281	7.49	cps
Thallium	205-1	3276	3467	3376	3373	2.84	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	CCB05	Instrumnet Name :	P7
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 13:54:54	DataFile Name :	095CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	244	172	194	204	18.16	cps
Tin	118-1	783	833	908	842	7.48	cps
Titanium	47-1	42	100	108	83	43.59	cps
Uranium	238-1	25	8	17	17	50.01	cps
Vanadium	51-2	3	7	13	8	65.47	cps
Yttrium	89-1	10935724	10819882	10784213	10846606	0.73	cps
Yttrium	89-2	2227111	2550337	2553927	2443791	7.68	cps
Zinc	66-2	363	290	280	311	14.62	cps
Zirconium	90-1	700	775	692	722	6.35	cps
Zirconium	91-1	133	192	133	153	22.04	cps

LB Number : LB114597 Operator : JASWAL
 Lab Sample ID : CRI Instrumnet Name : P7
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2021-05-21 13:58:01 DataFile Name : 096LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3075	3050	3584	3237	9.30	cps
Antimony	121-1	13899	13949	15108	14319	4.78	cps
Arsenic	75-2	385	420	383	396	5.27	cps
Barium	135-1	15701	15918	16268	15962	1.79	cps
Barium	137-1	27745	29064	30300	29036	4.40	cps
Beryllium	9-1	1445	1372	1450	1422	3.05	cps
Bismuth	209-1	7103400	6525336	6429631	6686122	5.45	cps
Bismuth	209-2	4587795	4609534	4635354	4610895	0.52	cps
Boron	10-1	3834	4059	4768	4220	11.55	cps
Boron	11-1	18770	18779	20957	19502	6.46	cps
Bromine	81-1	6018	5510	5960	5829	4.77	cps
Bromine	81-2	90	140	40	90	55.56	cps
Cadmium	111-1	2535	2504	2808	2616	6.40	cps
Cadmium	106-1	4067	4084	4176	4109	1.42	cps
Cadmium	108-1	154	167	146	156	6.74	cps
Calcium	43-1	9378	10095	9795	9756	3.69	cps
Calcium	44-1	160838	164295	170968	165367	3.11	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7632	8136	8016	7928	3.32	cps
Cobalt	59-2	5498	5264	5448	5403	2.27	cps
Copper	63-2	8132	8302	8036	8157	1.66	cps
Dysprosium	156-1	0	25	0	8	173.21	cps
Dysprosium	156-2	0	10	0	3	173.21	cps
Erbium	164-1	67	125	75	89	35.49	cps
Erbium	164-2	37	23	33	31	22.31	cps
Gadolinium	160-1	25	33	25	28	17.31	cps
Gadolinium	160-2	50	67	80	66	22.93	cps
Holmium	165-1	10146300	10069692	10052949	10089647	0.49	cps
Holmium	165-2	6571912	6569108	6542851	6561290	0.24	cps
Indium	115-1	7760371	7659751	7456374	7625499	2.03	cps
Indium	115-2	2404539	2420503	2428862	2417968	0.51	cps
Iron	56-2	158060	158531	155591	157394	1.00	cps
Iron	57-2	4062	4084	3984	4043	1.30	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 13:58:01	DataFile Name :	096LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	10084	9463	10144	9897	3.81	cps
Krypton	83-1	2047	1997	1807	1950	6.49	cps
Lead	206-1	7219	7258	7146	7208	0.78	cps
Lead	207-1	7002	6441	7069	6837	5.05	cps
Lead	208-1	29469	29191	30898	29852	3.07	cps
Lithium	6-1	2193066	2192313	2144410	2176596	1.28	cps
Magnesium	24-2	156811	158486	155902	157067	0.83	cps
Manganese	55-2	2677	2540	2554	2590	2.91	cps
Molybdenum	94-1	13231	13790	14416	13813	4.29	cps
Molybdenum	95-1	16376	16777	16401	16518	1.36	cps
Molybdenum	96-1	18362	18521	19664	18849	3.77	cps
Molybdenum	97-1	10354	9954	11271	10526	6.42	cps
Molybdenum	98-1	25732	26575	27945	26751	4.17	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1590	1690	1473	1585	6.84	cps
Phosphorus	31-2	358	325	325	336	5.73	cps
Potassium	39-2	216601	216720	215343	216221	0.35	cps
Rhodium	103-1	7018250	7045378	6781103	6948244	2.09	cps
Rhodium	103-2	4390935	4369730	4409834	4390166	0.46	cps
Scandium	45-1	4152022	4109619	3983576	4081739	2.15	cps
Scandium	45-2	367082	366851	374225	369386	1.13	cps
Selenium	82-1	409	443	854	569	43.55	cps
Selenium	77-2	50	100	60	70	37.80	cps
Selenium	78-2	306	383	306	331	13.55	cps
Silicon	28-1	371491	372663	378029	374061	0.93	cps
Silver	107-1	8511	8278	8853	8547	3.39	cps
Silver	109-1	8186	8294	8695	8392	3.19	cps
Sodium	23-2	312216	307169	307832	309072	0.89	cps
Strontium	86-1	5143	5551	5126	5273	4.57	cps
Strontium	88-1	18295	18179	19155	18543	2.88	cps
Sulfur	34-1	512020	513157	519869	515016	0.82	cps
Terbium	159-1	10209530	10091379	10057031	10119314	0.79	cps
Terbium	159-2	6493474	6600139	6428555	6507389	1.33	cps
Thallium	203-1	8786	8970	9170	8976	2.14	cps
Thallium	205-1	20850	22269	21893	21671	3.39	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 13:58:01	DataFile Name :	096LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	172	150	211	178	17.40	cps
Tin	118-1	29540	29632	31786	30319	4.19	cps
Titanium	47-1	4893	3984	4226	4367	10.78	cps
Uranium	238-1	24532	25208	25308	25016	1.69	cps
Vanadium	51-2	13550	13583	13646	13593	0.36	cps
Yttrium	89-1	10841335	10821919	10549986	10737747	1.52	cps
Yttrium	89-2	2595956	2589478	2611181	2598872	0.43	cps
Zinc	66-2	1710	1620	1673	1668	2.71	cps
Zirconium	90-1	10938	11688	11797	11474	4.08	cps
Zirconium	91-1	2442	2417	2484	2447	1.38	cps

LB Number : LB114597 Operator : JASWAL
 Lab Sample ID : PB136475BL Instrumnet Name : P7
 Client Sample ID : PB136475BL Dilution Factor : 1
 Date & Time Acquired :: 2021-05-21 14:01:06 DataFile Name : 097CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	75	75	78	6.19	cps
Antimony	121-1	208	142	117	156	30.46	cps
Arsenic	75-2	6	7	6	6	17.29	cps
Barium	135-1	17	50	42	36	48.03	cps
Barium	137-1	42	42	33	39	12.38	cps
Beryllium	9-1	56	100	61	72	33.53	cps
Bismuth	209-1	6411342	6443372	6407607	6420774	0.31	cps
Bismuth	209-2	4610510	4632095	4574689	4605765	0.63	cps
Boron	10-1	375	442	483	433	12.61	cps
Boron	11-1	2175	2092	2217	2161	2.94	cps
Bromine	81-1	5268	5443	6168	5626	8.48	cps
Bromine	81-2	110	120	130	120	8.33	cps
Cadmium	111-1	820	831	758	803	4.85	cps
Cadmium	106-1	4117	4176	3759	4017	5.62	cps
Cadmium	108-1	17	13	8	13	33.36	cps
Calcium	43-1	133	200	175	169	19.88	cps
Calcium	44-1	11329	11763	11071	11388	3.07	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1400	1247	1420	1356	7.00	cps
Cobalt	59-2	137	153	153	148	6.51	cps
Copper	63-2	1093	987	1017	1032	5.33	cps
Dysprosium	156-1	0	0	17	6	173.21	cps
Dysprosium	156-2	13	3	3	7	86.65	cps
Erbium	164-1	83	108	33	75	50.92	cps
Erbium	164-2	17	37	47	33	45.82	cps
Gadolinium	160-1	17	108	50	58	79.54	cps
Gadolinium	160-2	50	43	37	43	15.38	cps
Holmium	165-1	9926428	9953326	10034077	9971277	0.56	cps
Holmium	165-2	6620358	6587351	6516501	6574737	0.81	cps
Indium	115-1	7702753	7457167	7450216	7536712	1.91	cps
Indium	115-2	2404013	2426424	2393444	2407960	0.70	cps
Iron	56-2	6424	6774	6463	6553	2.93	cps
Iron	57-2	200	233	222	219	7.77	cps

LB Number : LB114597 Operator : JASWAL
 Lab Sample ID : PB136475BL Instrumnet Name : P7
 Client Sample ID : PB136475BL Dilution Factor : 1
 Date & Time Acquired :: 2021-05-21 14:01:06 DataFile Name : 097CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1231	1341	1241	1271	4.79	cps
Krypton	83-1	1903	1827	1940	1890	3.06	cps
Lead	206-1	1106	972	1172	1083	9.40	cps
Lead	207-1	1022	894	983	967	6.78	cps
Lead	208-1	4284	4134	4506	4308	4.35	cps
Lithium	6-1	2177687	2148222	2136301	2154070	0.99	cps
Magnesium	24-2	392	533	475	467	15.26	cps
Manganese	55-2	187	177	143	169	13.43	cps
Molybdenum	94-1	183	225	225	211	11.40	cps
Molybdenum	95-1	25	33	58	39	44.62	cps
Molybdenum	96-1	75	108	83	89	19.52	cps
Molybdenum	97-1	33	25	17	25	33.32	cps
Molybdenum	98-1	42	100	58	67	45.07	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	130	160	103	131	21.62	cps
Phosphorus	31-2	417	325	300	347	17.69	cps
Potassium	39-2	66691	67679	66935	67102	0.77	cps
Rhodium	103-1	6908308	6831575	6694969	6811617	1.59	cps
Rhodium	103-2	4327941	4430048	4383614	4380534	1.17	cps
Scandium	45-1	4045580	4001141	3977985	4008235	0.86	cps
Scandium	45-2	369085	371624	365768	368826	0.80	cps
Selenium	82-1	-16	57	-62	-7	-839.82	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	187	183	146	172	13.08	cps
Silicon	28-1	330413	355597	336712	340907	3.84	cps
Silver	107-1	150	100	108	119	22.43	cps
Silver	109-1	83	117	158	119	31.46	cps
Sodium	23-2	40990	41767	41416	41391	0.94	cps
Strontium	86-1	3042	3309	3075	3142	4.63	cps
Strontium	88-1	267	233	233	244	7.87	cps
Sulfur	34-1	516158	516719	519495	517457	0.35	cps
Terbium	159-1	10151729	9917767	9902051	9990516	1.40	cps
Terbium	159-2	6404802	6575420	6561329	6513850	1.45	cps
Thallium	203-1	1400	1367	1350	1372	1.86	cps
Thallium	205-1	3217	2984	3250	3150	4.61	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	PB136475BL	Instrumnet Name :	P7
Client Sample ID :	PB136475BL	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 14:01:06	DataFile Name :	097CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	189	189	178	185	3.46	cps
Tin	118-1	625	708	900	744	18.94	cps
Titanium	47-1	92	92	50	78	30.93	cps
Uranium	238-1	8	0	8	6	86.60	cps
Vanadium	51-2	13	0	13	9	86.60	cps
Yttrium	89-1	10767780	10603098	10533292	10634723	1.13	cps
Yttrium	89-2	2575830	2601612	2590539	2589327	0.50	cps
Zinc	66-2	270	343	383	332	17.30	cps
Zirconium	90-1	575	600	633	603	4.86	cps
Zirconium	91-1	175	175	125	158	18.23	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	PB136475BS	Instrumnet Name :	P7
Client Sample ID :	PB136475BS	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 14:04:13	DataFile Name :	098LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1408749	1407902	1414387	1410346	0.25	cps
Antimony	121-1	3397407	3431523	3434349	3421093	0.60	cps
Arsenic	75-2	175197	177852	178143	177064	0.92	cps
Barium	135-1	3780852	3835136	3833909	3816632	0.81	cps
Barium	137-1	7013627	7058252	7144555	7072145	0.94	cps
Beryllium	9-1	603546	600350	607496	603797	0.59	cps
Bismuth	209-1	6494353	6352821	6414364	6420512	1.11	cps
Bismuth	209-2	4500798	4465759	4536324	4500960	0.78	cps
Boron	10-1	69694	71368	73553	71538	2.71	cps
Boron	11-1	323462	344413	357645	341840	5.04	cps
Bromine	81-1	6110	5985	6218	6104	1.91	cps
Bromine	81-2	100	110	100	103	5.59	cps
Cadmium	111-1	834505	840265	845712	840161	0.67	cps
Cadmium	106-1	102360	100688	99203	100750	1.57	cps
Cadmium	108-1	67576	67823	67254	67551	0.42	cps
Calcium	43-1	945574	959944	951715	952411	0.76	cps
Calcium	44-1	14659458	14619126	14498394	14592326	0.57	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1555239	1557433	1565590	1559421	0.35	cps
Cobalt	59-2	2432977	2435489	2452792	2440419	0.44	cps
Copper	63-2	17471079	17510405	17754743	17578742	0.87	cps
Dysprosium	156-1	292	292	292	292	0.00	cps
Dysprosium	156-2	127	187	157	157	19.15	cps
Erbium	164-1	108	83	133	108	23.08	cps
Erbium	164-2	70	40	50	53	28.64	cps
Gadolinium	160-1	192	308	225	242	24.87	cps
Gadolinium	160-2	220	233	187	213	11.27	cps
Holmium	165-1	10163000	10161761	10111320	10145360	0.29	cps
Holmium	165-2	6613981	6496991	6598627	6569866	0.97	cps
Indium	115-1	7496300	7359070	7420545	7425305	0.93	cps
Indium	115-2	2350959	2358491	2363155	2357535	0.26	cps
Iron	56-2	71477770	71857743	72142602	71826038	0.46	cps
Iron	57-2	1763458	1772650	1766213	1767441	0.27	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	PB136475BS	Instrumnet Name :	P7
Client Sample ID :	PB136475BS	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 14:04:13	DataFile Name :	098LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	3922460	3945330	3921017	3929602	0.35	cps
Krypton	83-1	1900	1977	1853	1910	3.26	cps
Lead	206-1	15231964	15506834	15201263	15313354	1.10	cps
Lead	207-1	14377819	14412926	14352273	14381006	0.21	cps
Lead	208-1	63612792	63402655	62935657	63317035	0.55	cps
Lithium	6-1	2196545	2158965	2179468	2178326	0.86	cps
Magnesium	24-2	15760861	15531881	15745046	15679263	0.82	cps
Manganese	55-2	10992106	11014672	10961972	10989583	0.24	cps
Molybdenum	94-1	6737114	6837900	6798763	6791259	0.75	cps
Molybdenum	95-1	8283887	8426451	8547884	8419407	1.57	cps
Molybdenum	96-1	9457021	9446483	9522790	9475431	0.44	cps
Molybdenum	97-1	5060142	5110121	5114398	5094887	0.59	cps
Molybdenum	98-1	13616409	13615939	13817928	13683425	0.85	cps
Neodymium	150-1	367	180	207	251	40.21	cps
Neodymium	150-2	47	23	13	28	61.59	cps
Nickel	60-2	636065	635716	637915	636566	0.19	cps
Phosphorus	31-2	72250	71848	70961	71686	0.92	cps
Potassium	39-2	7312470	7355564	7260417	7309484	0.65	cps
Rhodium	103-1	6787578	6700343	6761081	6749667	0.66	cps
Rhodium	103-2	4252430	4267888	4266506	4262274	0.20	cps
Scandium	45-1	4080615	4034576	4017717	4044303	0.81	cps
Scandium	45-2	365805	370800	369351	368652	0.70	cps
Selenium	82-1	50437	51353	50825	50872	0.90	cps
Selenium	77-2	4824	4854	4591	4756	3.03	cps
Selenium	78-2	16163	16011	16222	16132	0.68	cps
Silicon	28-1	2290733	2367310	2438677	2365573	3.13	cps
Silver	107-1	4090258	4084306	4128052	4100872	0.58	cps
Silver	109-1	3969475	3975986	3981651	3975704	0.15	cps
Sodium	23-2	26729169	26868263	27030001	26875811	0.56	cps
Strontium	86-1	10278866	10319111	10325455	10307811	0.25	cps
Strontium	88-1	89067217	90258598	89994917	89773577	0.70	cps
Sulfur	34-1	805818	797142	797588	800183	0.61	cps
Terbium	159-1	10197018	10009437	10106645	10104367	0.93	cps
Terbium	159-2	6421127	6447038	6514724	6460963	0.75	cps
Thallium	203-1	3562957	3569244	3587599	3573266	0.36	cps
Thallium	205-1	8972634	9010691	8933923	8972416	0.43	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	PB136475BS	Instrumnet Name :	P7
Client Sample ID :	PB136475BS	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 14:04:13	DataFile Name :	098LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	13480472	13356612	13680233	13505772	1.21	cps
Tin	118-1	2741639	2760847	2764560	2755682	0.45	cps
Titanium	47-1	2029744	2048848	2059944	2046179	0.75	cps
Uranium	238-1	12646305	12695223	12953420	12764983	1.29	cps
Vanadium	51-2	1309884	1320444	1311974	1314101	0.43	cps
Yttrium	89-1	10834765	10744893	10660660	10746773	0.81	cps
Yttrium	89-2	2577003	2579264	2585323	2580530	0.17	cps
Zinc	66-2	2825394	2837528	2829113	2830679	0.22	cps
Zirconium	90-1	5147802	5463307	5206784	5272631	3.18	cps
Zirconium	91-1	1165681	1172570	1173807	1170686	0.37	cps

LB Number : LB114597 Operator : JASWAL
 Lab Sample ID : PB136475TBRE Instrumnet Name : P7
 Client Sample ID : PB136475TBRE Dilution Factor : 1
 Date & Time Acquired :: 2021-05-21 14:07:09 DataFile Name : 099SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	392	350	358	367	6.01	cps
Antimony	121-1	3334	3267	2867	3156	8.00	cps
Arsenic	75-2	30	37	26	31	18.33	cps
Barium	135-1	858	467	458	594	38.45	cps
Barium	137-1	1550	1042	692	1095	39.44	cps
Beryllium	9-1	250	211	111	191	37.57	cps
Bismuth	209-1	6422538	6521382	6528907	6490942	0.91	cps
Bismuth	209-2	4587152	4555720	4607063	4583312	0.56	cps
Boron	10-1	4509	4542	4559	4537	0.56	cps
Boron	11-1	21833	20514	20164	20837	4.22	cps
Bromine	81-1	6010	6302	6518	6277	4.07	cps
Bromine	81-2	200	140	130	157	24.16	cps
Cadmium	111-1	1002	838	942	927	8.98	cps
Cadmium	106-1	4134	3451	3826	3803	9.00	cps
Cadmium	108-1	71	33	21	42	62.45	cps
Calcium	43-1	392	417	400	403	3.16	cps
Calcium	44-1	18944	18685	17751	18460	3.40	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3337	3094	3034	3155	5.09	cps
Cobalt	59-2	170	113	107	130	26.77	cps
Copper	63-2	5004	4281	4031	4438	11.39	cps
Dysprosium	156-1	0	25	17	14	91.65	cps
Dysprosium	156-2	17	0	3	7	132.33	cps
Erbium	164-1	42	50	42	44	10.82	cps
Erbium	164-2	33	30	50	38	28.37	cps
Gadolinium	160-1	67	58	67	64	7.54	cps
Gadolinium	160-2	50	47	70	56	22.71	cps
Holmium	165-1	9938385	9865660	10056342	9953462	0.97	cps
Holmium	165-2	6482192	6047362	6405093	6311549	3.68	cps
Indium	115-1	7457207	7448529	7480594	7462110	0.22	cps
Indium	115-2	2356146	2364223	2354071	2358146	0.23	cps
Iron	56-2	16215	13807	13729	14583	9.69	cps
Iron	57-2	439	478	339	419	17.12	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	PB136475TBRE	Instrumnet Name :	P7
Client Sample ID :	PB136475TBRE	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 14:07:09	DataFile Name :	099SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1952	1412	1702	1689	16.02	cps
Krypton	83-1	1827	1867	1733	1809	3.78	cps
Lead	206-1	11883	8781	6541	9068	29.59	cps
Lead	207-1	10743	7797	6013	8184	29.19	cps
Lead	208-1	48452	35514	27651	37206	28.23	cps
Lithium	6-1	2147786	2148225	2149142	2148385	0.03	cps
Magnesium	24-2	1392	1108	842	1114	24.69	cps
Manganese	55-2	1220	947	873	1013	18.03	cps
Molybdenum	94-1	1884	1442	1158	1495	24.45	cps
Molybdenum	95-1	2350	1325	1158	1611	40.06	cps
Molybdenum	96-1	2775	1950	1458	2061	32.28	cps
Molybdenum	97-1	1325	1167	642	1045	34.25	cps
Molybdenum	98-1	3459	2367	2292	2706	24.14	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	213	170	247	210	18.31	cps
Phosphorus	31-2	342	450	358	383	15.22	cps
Potassium	39-2	79253	76949	78800	78334	1.56	cps
Rhodium	103-1	6863093	6762610	6809548	6811750	0.74	cps
Rhodium	103-2	4289049	4311724	4308903	4303226	0.29	cps
Scandium	45-1	3963050	3927920	3968838	3953269	0.56	cps
Scandium	45-2	360618	361656	354932	359069	1.01	cps
Selenium	82-1	23	10	149	61	126.26	cps
Selenium	77-2	3	7	10	7	50.03	cps
Selenium	78-2	172	146	185	168	11.79	cps
Silicon	28-1	7228643	7341403	7298613	7289553	0.78	cps
Silver	107-1	2875	2000	1692	2189	28.05	cps
Silver	109-1	2667	1934	1683	2095	24.40	cps
Sodium	23-2	69368	69670	70448	69829	0.80	cps
Strontium	86-1	4934	4459	3617	4337	15.38	cps
Strontium	88-1	16769	11805	8086	12220	35.65	cps
Sulfur	34-1	517543	524701	524089	522111	0.76	cps
Terbium	159-1	9819272	9938422	10126192	9961295	1.55	cps
Terbium	159-2	6395872	6427479	6238982	6354111	1.59	cps
Thallium	203-1	10730	8211	5618	8186	31.22	cps
Thallium	205-1	25266	20516	13866	19883	28.80	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	PB136475TBRE	Instrumnet Name :	P7
Client Sample ID :	PB136475TBRE	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 14:07:09	DataFile Name :	099SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	4106	3356	2845	3436	18.47	cps
Tin	118-1	2950	2367	2400	2573	12.74	cps
Titanium	47-1	558	600	375	511	23.42	cps
Uranium	238-1	2450	1542	967	1653	45.25	cps
Vanadium	51-2	203	173	123	167	24.25	cps
Yttrium	89-1	10570184	10468133	10449093	10495803	0.62	cps
Yttrium	89-2	2519889	2534968	2519271	2524709	0.35	cps
Zinc	66-2	1067	987	1087	1047	5.06	cps
Zirconium	90-1	1825	1575	1158	1520	22.17	cps
Zirconium	91-1	442	300	392	378	19.02	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2409-02DLX10	Instrumnet Name :	P7
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	10
Date & Time Acquired ::	2021-05-21 14:10:16	DataFile Name :	100SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	904632	910145	905323	906700	0.33	cps
Antimony	121-1	958	1033	983	992	3.85	cps
Arsenic	75-2	120	135	111	122	9.94	cps
Barium	135-1	17870	17336	18062	17756	2.12	cps
Barium	137-1	31528	31353	31770	31550	0.66	cps
Beryllium	9-1	167	183	172	174	4.88	cps
Bismuth	209-1	6514907	6486943	6538357	6513402	0.40	cps
Bismuth	209-2	4609658	4588708	4627560	4608642	0.42	cps
Boron	10-1	43405	47709	46839	45984	4.95	cps
Boron	11-1	214537	229035	229144	224239	3.75	cps
Bromine	81-1	6126	6177	6477	6260	3.02	cps
Bromine	81-2	260	170	230	220	20.83	cps
Cadmium	111-1	910	934	965	936	2.97	cps
Cadmium	106-1	4026	4034	4067	4042	0.55	cps
Cadmium	108-1	29	50	33	38	29.40	cps
Calcium	43-1	541594	559627	561400	554207	1.98	cps
Calcium	44-1	8457233	8659005	8744466	8620234	1.71	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8119	7886	7929	7978	1.56	cps
Cobalt	59-2	74501	74263	73707	74157	0.55	cps
Copper	63-2	134346	133102	133256	133568	0.51	cps
Dysprosium	156-1	14708	15075	15317	15034	2.04	cps
Dysprosium	156-2	9580	9373	9470	9474	1.09	cps
Erbium	164-1	18079	19206	18246	18510	3.28	cps
Erbium	164-2	11782	11759	11862	11801	0.46	cps
Gadolinium	160-1	14959	15434	16001	15465	3.38	cps
Gadolinium	160-2	10938	10811	10954	10901	0.72	cps
Holmium	165-1	9944900	10161303	10082287	10062830	1.09	cps
Holmium	165-2	6566428	6603624	6580279	6583444	0.29	cps
Indium	115-1	7527329	7627903	7654764	7603332	0.88	cps
Indium	115-2	2412909	2426784	2439830	2426507	0.55	cps
Iron	56-2	65766645	65180917	64522561	65156707	0.96	cps
Iron	57-2	1603933	1598248	1600592	1600924	0.18	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2409-02DLX10	Instrumnet Name :	P7
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	10
Date & Time Acquired ::	2021-05-21 14:10:16	DataFile Name :	100SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	3495837	3555209	3525942	3525662	0.84	cps
Krypton	83-1	2000	1863	2050	1971	4.90	cps
Lead	206-1	6996	6741	5985	6574	8.00	cps
Lead	207-1	6502	5729	5540	5924	8.60	cps
Lead	208-1	28624	25943	25227	26598	6.73	cps
Lithium	6-1	2137170	2134206	2123391	2131589	0.34	cps
Magnesium	24-2	1993489	1990531	1964101	1982707	0.82	cps
Manganese	55-2	1021835	1026062	1022837	1023578	0.22	cps
Molybdenum	94-1	758	692	692	714	5.39	cps
Molybdenum	95-1	275	300	200	258	20.15	cps
Molybdenum	96-1	525	392	475	464	14.52	cps
Molybdenum	97-1	117	183	117	139	27.71	cps
Molybdenum	98-1	375	317	350	347	8.43	cps
Neodymium	150-1	15095	15068	14701	14955	1.47	cps
Neodymium	150-2	8429	8700	8443	8524	1.79	cps
Nickel	60-2	12585	12235	12218	12346	1.68	cps
Phosphorus	31-2	1292	975	1225	1164	14.34	cps
Potassium	39-2	166777	169491	166246	167505	1.04	cps
Rhodium	103-1	6826748	6864215	6811786	6834250	0.40	cps
Rhodium	103-2	4394921	4406320	4433450	4411563	0.45	cps
Scandium	45-1	3951718	4047160	4055466	4018115	1.43	cps
Scandium	45-2	370907	371233	373425	371855	0.37	cps
Selenium	82-1	-186	-49	-237	-157	-61.83	cps
Selenium	77-2	27	13	40	27	50.01	cps
Selenium	78-2	207	178	193	193	7.69	cps
Silicon	28-1	23820473	24652534	24877148	24450052	2.28	cps
Silver	107-1	450	650	650	583	19.79	cps
Silver	109-1	533	533	533	533	0.00	cps
Sodium	23-2	5003334	5085988	5048974	5046099	0.82	cps
Strontium	86-1	145159	149973	150168	148434	1.91	cps
Strontium	88-1	1236081	1275424	1294267	1268591	2.34	cps
Sulfur	34-1	1958273	2001692	2010302	1990089	1.40	cps
Terbium	159-1	10087737	10298058	10285928	10223907	1.15	cps
Terbium	159-2	6475861	6488501	6478589	6480983	0.10	cps
Thallium	203-1	1183	1183	1058	1142	6.32	cps
Thallium	205-1	2759	2650	2409	2606	6.88	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2409-02DLX10	Instrumnet Name :	P7
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	10
Date & Time Acquired ::	2021-05-21 14:10:16	DataFile Name :	100SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	3484	3623	3667	3591	2.66	cps
Tin	118-1	1767	1567	1875	1736	9.01	cps
Titanium	47-1	550	600	467	539	12.50	cps
Uranium	238-1	16002	15852	16002	15952	0.54	cps
Vanadium	51-2	71583	71301	71197	71360	0.28	cps
Yttrium	89-1	10866489	11060092	11021831	10982804	0.93	cps
Yttrium	89-2	2653668	2683053	2713318	2683346	1.11	cps
Zinc	66-2	65667	65918	65801	65795	0.19	cps
Zirconium	90-1	1483	1617	1667	1589	5.96	cps
Zirconium	91-1	392	358	433	394	9.53	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2409-02DUPDLX10	Instrumnet Name :	P7
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	10
Date & Time Acquired ::	2021-05-21 14:13:20	DataFile Name :	101SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1670572	1652710	1662828	1662037	0.54	cps
Antimony	121-1	1475	1742	1800	1672	10.36	cps
Arsenic	75-2	220	220	254	231	8.32	cps
Barium	135-1	34360	33282	33910	33850	1.60	cps
Barium	137-1	57855	60741	59494	59363	2.44	cps
Beryllium	9-1	222	244	267	244	9.09	cps
Bismuth	209-1	7264557	7134974	7122769	7174100	1.10	cps
Bismuth	209-2	4675890	4716100	4718946	4703646	0.51	cps
Boron	10-1	78243	81485	84535	81421	3.86	cps
Boron	11-1	384093	412466	418700	405087	4.55	cps
Bromine	81-1	6693	7077	6885	6885	2.79	cps
Bromine	81-2	280	290	330	300	8.82	cps
Cadmium	111-1	975	992	1024	997	2.52	cps
Cadmium	106-1	3876	3892	4067	3945	2.69	cps
Cadmium	108-1	54	88	50	64	32.17	cps
Calcium	43-1	1012328	1032885	1028993	1024735	1.07	cps
Calcium	44-1	15969677	15956466	16063079	15996408	0.36	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	13977	14097	14040	14038	0.43	cps
Cobalt	59-2	138499	138698	138237	138478	0.17	cps
Copper	63-2	242255	242478	243610	242781	0.30	cps
Dysprosium	156-1	26384	26969	27879	27077	2.78	cps
Dysprosium	156-2	17394	16864	17595	17284	2.18	cps
Erbium	164-1	33133	34753	35405	34430	3.40	cps
Erbium	164-2	22018	21904	21604	21842	0.98	cps
Gadolinium	160-1	28380	28589	28697	28555	0.56	cps
Gadolinium	160-2	19868	20362	19961	20064	1.31	cps
Holmium	165-1	10382349	10295449	10281267	10319688	0.53	cps
Holmium	165-2	6658822	6742698	6677514	6693012	0.66	cps
Indium	115-1	7770827	7836275	7801774	7802958	0.42	cps
Indium	115-2	2467921	2485674	2505898	2486498	0.76	cps
Iron	56-2	121583719	120299289	119684058	120522355	0.80	cps
Iron	57-2	2951053	2949979	2931185	2944073	0.38	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2409-02DUPDLX10	Instrumnet Name :	P7
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	10
Date & Time Acquired ::	2021-05-21 14:13:20	DataFile Name :	101SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	6631901	6621182	6633035	6628706	0.10	cps
Krypton	83-1	1970	1997	1947	1971	1.27	cps
Lead	206-1	8141	7647	7741	7843	3.35	cps
Lead	207-1	6980	7191	6880	7017	2.26	cps
Lead	208-1	32299	31743	31348	31797	1.50	cps
Lithium	6-1	2114821	2092754	2073977	2093851	0.98	cps
Magnesium	24-2	3651554	3614040	3627852	3631149	0.52	cps
Manganese	55-2	1906789	1884614	1893074	1894826	0.59	cps
Molybdenum	94-1	858	942	1058	953	10.54	cps
Molybdenum	95-1	167	200	175	181	9.61	cps
Molybdenum	96-1	592	742	600	644	13.08	cps
Molybdenum	97-1	125	125	125	125	0.00	cps
Molybdenum	98-1	408	383	317	369	12.83	cps
Neodymium	150-1	26660	28095	27534	27430	2.64	cps
Neodymium	150-2	15178	15369	15002	15183	1.21	cps
Nickel	60-2	22527	22404	22147	22359	0.87	cps
Phosphorus	31-2	1842	1758	1767	1789	2.57	cps
Potassium	39-2	249946	249125	252641	250571	0.73	cps
Rhodium	103-1	6968150	7058911	6944310	6990457	0.87	cps
Rhodium	103-2	4425442	4471903	4524552	4473966	1.11	cps
Scandium	45-1	4139171	4121590	4083396	4114719	0.69	cps
Scandium	45-2	377226	383144	385874	382081	1.16	cps
Selenium	82-1	41	-97	31	-8	-925.59	cps
Selenium	77-2	70	43	73	62	26.43	cps
Selenium	78-2	239	209	176	208	15.14	cps
Silicon	28-1	45116468	46733689	46272695	46040950	1.81	cps
Silver	107-1	592	917	783	764	21.39	cps
Silver	109-1	692	708	742	714	3.57	cps
Sodium	23-2	9336438	9151638	9131593	9206557	1.23	cps
Strontium	86-1	266701	274680	276090	272491	1.86	cps
Strontium	88-1	2277601	2363215	2370835	2337217	2.21	cps
Sulfur	34-1	3201953	3217198	3257298	3225483	0.89	cps
Terbium	159-1	10496869	10432952	10380695	10436839	0.56	cps
Terbium	159-2	6502022	6642480	6735510	6626671	1.77	cps
Thallium	203-1	700	675	525	633	14.94	cps
Thallium	205-1	1742	1667	1725	1711	2.30	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2409-02DUPDLX10	Instrumnet Name :	P7
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	10
Date & Time Acquired ::	2021-05-21 14:13:20	DataFile Name :	101SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	5607	5607	5718	5644	1.14	cps
Tin	118-1	2617	2717	2767	2700	2.83	cps
Titanium	47-1	933	1050	1050	1011	6.66	cps
Uranium	238-1	29417	29308	30044	29590	1.34	cps
Vanadium	51-2	131338	132989	132582	132303	0.65	cps
Yttrium	89-1	11346111	11660625	11460338	11489025	1.39	cps
Yttrium	89-2	2796572	2808908	2822497	2809325	0.46	cps
Zinc	66-2	120874	120071	121147	120698	0.46	cps
Zirconium	90-1	2092	2084	2084	2086	0.23	cps
Zirconium	91-1	425	417	417	419	1.15	cps

LB Number : LB114597 Operator : JASWAL
 Lab Sample ID : M2409-02LDLX50 Instrumnet Name : P7
 Client Sample ID : BACKFILL-ASHCROFT-F Dilution Factor : 50
 Date & Time Acquired :: 2021-05-21 14:16:24 DataFile Name : 102SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	162910	164984	162557	163484	0.80	cps
Antimony	121-1	217	300	392	303	28.91	cps
Arsenic	75-2	24	7	24	19	51.95	cps
Barium	135-1	3351	2959	3342	3217	6.96	cps
Barium	137-1	6077	5985	5901	5988	1.46	cps
Beryllium	9-1	78	61	139	93	44.23	cps
Bismuth	209-1	7252470	7189309	7279344	7240374	0.64	cps
Bismuth	209-2	4662168	4611777	4610380	4628108	0.64	cps
Boron	10-1	11538	11088	11096	11240	2.29	cps
Boron	11-1	56180	56347	57167	56564	0.93	cps
Bromine	81-1	6485	6418	6843	6582	3.47	cps
Bromine	81-2	140	160	130	143	10.66	cps
Cadmium	111-1	785	799	814	799	1.85	cps
Cadmium	106-1	3859	4009	3976	3948	2.00	cps
Cadmium	108-1	29	33	8	24	56.74	cps
Calcium	43-1	100423	101110	103166	101566	1.41	cps
Calcium	44-1	1610487	1645119	1637405	1631004	1.11	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2790	2657	2637	2695	3.09	cps
Cobalt	59-2	13313	13333	13540	13395	0.94	cps
Copper	63-2	25192	25335	24861	25129	0.97	cps
Dysprosium	156-1	2709	2592	2809	2703	4.01	cps
Dysprosium	156-2	1640	1777	1703	1707	4.01	cps
Erbium	164-1	3275	3542	3401	3406	3.92	cps
Erbium	164-2	2210	2147	2274	2210	2.87	cps
Gadolinium	160-1	2400	2659	2725	2595	6.62	cps
Gadolinium	160-2	1903	2104	2090	2032	5.50	cps
Holmium	165-1	10378964	10407330	10407902	10398066	0.16	cps
Holmium	165-2	6761432	6605510	6603481	6656807	1.36	cps
Indium	115-1	7795238	7828569	7805743	7809850	0.22	cps
Indium	115-2	2457206	2461661	2450573	2456480	0.23	cps
Iron	56-2	11720148	11971378	11758948	11816825	1.14	cps
Iron	57-2	288956	293673	289306	290645	0.90	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2409-02LDLX50	Instrumnet Name :	P7
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	50
Date & Time Acquired ::	2021-05-21 14:16:24	DataFile Name :	102SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	640208	654900	639127	644745	1.37	cps
Krypton	83-1	1860	2024	2044	1976	5.09	cps
Lead	206-1	5329	5312	5129	5257	2.11	cps
Lead	207-1	4701	4556	4656	4638	1.60	cps
Lead	208-1	21051	21390	20946	21129	1.10	cps
Lithium	6-1	2066900	2040700	2043891	2050497	0.70	cps
Magnesium	24-2	359136	357802	357408	358115	0.25	cps
Manganese	55-2	186215	185982	186181	186126	0.07	cps
Molybdenum	94-1	267	317	333	306	11.35	cps
Molybdenum	95-1	33	117	75	75	55.56	cps
Molybdenum	96-1	183	233	175	197	16.00	cps
Molybdenum	97-1	42	33	67	47	36.74	cps
Molybdenum	98-1	133	75	117	108	27.74	cps
Neodymium	150-1	2800	2640	2527	2656	5.17	cps
Neodymium	150-2	1473	1437	1453	1455	1.26	cps
Nickel	60-2	2340	2330	2267	2312	1.72	cps
Phosphorus	31-2	483	325	450	419	19.90	cps
Potassium	39-2	84062	84917	85772	84917	1.01	cps
Rhodium	103-1	7199217	7115511	7106620	7140449	0.72	cps
Rhodium	103-2	4479453	4461962	4467002	4469472	0.20	cps
Scandium	45-1	4142722	4099668	4076605	4106331	0.82	cps
Scandium	45-2	378341	377830	374539	376903	0.55	cps
Selenium	82-1	-1	-68	-212	-93	-115.80	cps
Selenium	77-2	7	13	10	10	33.30	cps
Selenium	78-2	148	194	176	173	13.48	cps
Silicon	28-1	4914807	4998598	5046586	4986664	1.34	cps
Silver	107-1	208	292	300	267	19.01	cps
Silver	109-1	183	208	217	203	8.55	cps
Sodium	23-2	908494	918950	907823	911756	0.68	cps
Strontium	86-1	29715	29790	30023	29843	0.54	cps
Strontium	88-1	228950	233596	232726	231757	1.07	cps
Sulfur	34-1	742059	759300	762370	754576	1.45	cps
Terbium	159-1	10419376	10395318	10395492	10403395	0.13	cps
Terbium	159-2	6593051	6509980	6527844	6543625	0.67	cps
Thallium	203-1	617	650	567	611	6.86	cps
Thallium	205-1	1442	1575	1583	1533	5.18	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2409-02LDLX50	Instrumnet Name :	P7
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	50
Date & Time Acquired ::	2021-05-21 14:16:24	DataFile Name :	102SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	867	778	833	826	5.44	cps
Tin	118-1	1292	1158	1467	1306	11.84	cps
Titanium	47-1	142	233	158	178	27.47	cps
Uranium	238-1	2867	2775	2750	2798	2.20	cps
Vanadium	51-2	12525	12382	13002	12637	2.57	cps
Yttrium	89-1	11232143	11009442	10969404	11070329	1.28	cps
Yttrium	89-2	2650182	2662138	2671056	2661125	0.39	cps
Zinc	66-2	11735	12105	11818	11886	1.63	cps
Zirconium	90-1	733	800	783	772	4.49	cps
Zirconium	91-1	242	175	192	203	17.11	cps

LB Number : LB114597 Operator : JASWAL
 Lab Sample ID : M2409-02MSDLX10 Instrumnet Name : P7
 Client Sample ID : BACKFILL-ASHCROFT-F Dilution Factor : 10
 Date & Time Acquired :: 2021-05-21 14:19:28 DataFile Name : 103SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1024131	1032494	1016348	1024325	0.79	cps
Antimony	121-1	328323	333157	331981	331154	0.76	cps
Arsenic	75-2	17815	18104	17839	17919	0.90	cps
Barium	135-1	411181	419898	422486	417855	1.42	cps
Barium	137-1	726910	742296	747254	738820	1.44	cps
Beryllium	9-1	55523	56159	55367	55683	0.75	cps
Bismuth	209-1	7288974	7246690	7337290	7290985	0.62	cps
Bismuth	209-2	4631392	4671827	4772231	4691817	1.55	cps
Boron	10-1	49599	51061	52700	51120	3.04	cps
Boron	11-1	237132	257253	261172	251852	5.12	cps
Bromine	81-1	6335	6918	6835	6696	4.71	cps
Bromine	81-2	280	270	210	254	14.94	cps
Cadmium	111-1	84357	86150	87622	86043	1.90	cps
Cadmium	106-1	13248	14049	13832	13710	3.02	cps
Cadmium	108-1	6672	6956	7139	6923	3.40	cps
Calcium	43-1	545325	555114	556560	552333	1.11	cps
Calcium	44-1	8489514	8527709	8558190	8525138	0.40	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	168685	168813	166056	167851	0.93	cps
Cobalt	59-2	320193	322293	315797	319428	1.04	cps
Copper	63-2	2071736	2063859	2055517	2063704	0.39	cps
Dysprosium	156-1	14208	14575	14717	14500	1.81	cps
Dysprosium	156-2	9086	9283	9136	9169	1.12	cps
Erbium	164-1	17929	18304	18964	18399	2.85	cps
Erbium	164-2	11435	12029	11465	11643	2.87	cps
Gadolinium	160-1	14433	15484	15342	15086	3.78	cps
Gadolinium	160-2	10658	10618	10798	10691	0.88	cps
Holmium	165-1	10503389	10510918	10693799	10569369	1.02	cps
Holmium	165-2	6714477	6728896	6825161	6756178	0.89	cps
Indium	115-1	7861065	7938147	7991792	7930335	0.83	cps
Indium	115-2	2491203	2458828	2496215	2482082	0.82	cps
Iron	56-2	72159449	71812889	71405360	71792566	0.53	cps
Iron	57-2	1753676	1744954	1732199	1743609	0.62	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2409-02MSDLX10	Instrumnet Name :	P7
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	10
Date & Time Acquired ::	2021-05-21 14:19:28	DataFile Name :	103SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	3845301	3848088	3785182	3826191	0.93	cps
Krypton	83-1	1993	1917	1977	1962	2.06	cps
Lead	206-1	1514791	1548328	1560391	1541170	1.53	cps
Lead	207-1	1417166	1436934	1445732	1433277	1.02	cps
Lead	208-1	6279196	6355995	6395729	6343640	0.93	cps
Lithium	6-1	2075922	2075270	2089027	2080073	0.37	cps
Magnesium	24-2	1942752	1937898	1920480	1933710	0.61	cps
Manganese	55-2	2171435	2189758	2176406	2179199	0.43	cps
Molybdenum	94-1	657874	658587	670903	662455	1.11	cps
Molybdenum	95-1	815398	824985	830942	823775	0.95	cps
Molybdenum	96-1	905821	929391	933432	922881	1.62	cps
Molybdenum	97-1	515371	518227	528131	520576	1.29	cps
Molybdenum	98-1	1332190	1337692	1352043	1340642	0.76	cps
Neodymium	150-1	14428	14768	15129	14775	2.37	cps
Neodymium	150-2	8029	8383	8159	8190	2.18	cps
Nickel	60-2	77439	78642	76753	77611	1.23	cps
Phosphorus	31-2	1100	1008	1192	1100	8.33	cps
Potassium	39-2	925115	939112	918265	927497	1.15	cps
Rhodium	103-1	7135797	7131436	7241427	7169553	0.87	cps
Rhodium	103-2	4527832	4447867	4526447	4500715	1.02	cps
Scandium	45-1	4126035	4176438	4147184	4149886	0.61	cps
Scandium	45-2	380858	381230	378480	380189	0.39	cps
Selenium	82-1	4981	4980	4995	4985	0.16	cps
Selenium	77-2	473	467	517	486	5.59	cps
Selenium	78-2	1708	1680	1765	1717	2.53	cps
Silicon	28-1	24967457	25317739	25396506	25227234	0.91	cps
Silver	107-1	408428	415373	421153	414985	1.54	cps
Silver	109-1	393175	402946	404729	400284	1.55	cps
Sodium	23-2	4983781	5007859	4958934	4983525	0.49	cps
Strontium	86-1	1117557	1122107	1133194	1124286	0.72	cps
Strontium	88-1	10115260	10314485	10246518	10225421	0.99	cps
Sulfur	34-1	1957933	1967900	1966340	1964058	0.27	cps
Terbium	159-1	10429516	10579506	10701594	10570205	1.29	cps
Terbium	159-2	6633923	6574295	6639642	6615953	0.55	cps
Thallium	203-1	352791	360008	365759	359519	1.81	cps
Thallium	205-1	857114	863253	870112	863493	0.75	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2409-02MSDLX10	Instrumnet Name :	P7
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	10
Date & Time Acquired ::	2021-05-21 14:19:28	DataFile Name :	103SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	3050	3223	3356	3210	4.77	cps
Tin	118-1	287219	292592	297252	292355	1.72	cps
Titanium	47-1	204831	207921	213894	208882	2.21	cps
Uranium	238-1	1211835	1233034	1247262	1230710	1.45	cps
Vanadium	51-2	200954	200306	197898	199720	0.81	cps
Yttrium	89-1	11314256	11629651	11356804	11433571	1.50	cps
Yttrium	89-2	2770993	2717735	2763476	2750735	1.05	cps
Zinc	66-2	388836	386855	381570	385754	0.97	cps
Zirconium	90-1	505897	518785	520224	514969	1.53	cps
Zirconium	91-1	112396	114253	116823	114491	1.94	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2409-02MSDDLX10	Instrumnet Name :	P7
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	10
Date & Time Acquired ::	2021-05-21 14:22:32	DataFile Name :	104SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	948050	953441	952407	951299	0.30	cps
Antimony	121-1	312996	312581	315012	313529	0.41	cps
Arsenic	75-2	16964	16680	17249	16964	1.68	cps
Barium	135-1	394232	396392	392723	394449	0.47	cps
Barium	137-1	706562	694896	696492	699317	0.90	cps
Beryllium	9-1	53717	52842	51493	52684	2.13	cps
Bismuth	209-1	7331591	6711434	7265929	7102985	4.80	cps
Bismuth	209-2	4665581	4646784	4578854	4630407	0.99	cps
Boron	10-1	46606	48503	51346	48818	4.89	cps
Boron	11-1	233362	243506	246326	241065	2.83	cps
Bromine	81-1	6035	6435	6460	6310	3.78	cps
Bromine	81-2	180	200	220	200	10.00	cps
Cadmium	111-1	80520	79511	81373	80468	1.16	cps
Cadmium	106-1	13207	13423	12864	13165	2.14	cps
Cadmium	108-1	6543	6460	6443	6482	0.83	cps
Calcium	43-1	506550	504392	509276	506739	0.48	cps
Calcium	44-1	7810279	7858702	7832603	7833861	0.31	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	152159	153899	153502	153187	0.60	cps
Cobalt	59-2	301544	303116	300099	301586	0.50	cps
Copper	63-2	1933758	1939640	1951966	1941788	0.48	cps
Dysprosium	156-1	13574	13407	13582	13521	0.73	cps
Dysprosium	156-2	8679	8513	8386	8526	1.73	cps
Erbium	164-1	16969	17003	16844	16939	0.49	cps
Erbium	164-2	10407	10901	11105	10804	3.32	cps
Gadolinium	160-1	14308	13791	14350	14149	2.20	cps
Gadolinium	160-2	9490	9687	9623	9600	1.05	cps
Holmium	165-1	10670362	10277702	10546147	10498070	1.91	cps
Holmium	165-2	6786703	6729368	6624537	6713536	1.22	cps
Indium	115-1	7897780	7662136	7992954	7850957	2.17	cps
Indium	115-2	2445726	2423554	2419399	2429560	0.58	cps
Iron	56-2	65554913	66033333	66634425	66074224	0.82	cps
Iron	57-2	1607908	1628902	1623062	1619957	0.67	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2409-02MSDDLX10	Instrumnet Name :	P7
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	10
Date & Time Acquired ::	2021-05-21 14:22:32	DataFile Name :	104SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	3571281	3574796	3598157	3581411	0.41	cps
Krypton	83-1	2027	1910	1890	1942	3.80	cps
Lead	206-1	1459644	1453599	1461102	1458115	0.27	cps
Lead	207-1	1367987	1359371	1376414	1367924	0.62	cps
Lead	208-1	6008672	6014800	6024797	6016090	0.14	cps
Lithium	6-1	2100587	2082665	2105857	2096370	0.58	cps
Magnesium	24-2	1789839	1796325	1796395	1794186	0.21	cps
Manganese	55-2	2032163	2049890	2047786	2043280	0.47	cps
Molybdenum	94-1	625005	626218	623500	624908	0.22	cps
Molybdenum	95-1	774560	774499	770656	773239	0.29	cps
Molybdenum	96-1	862103	871583	864676	866121	0.57	cps
Molybdenum	97-1	486601	489363	491015	488993	0.46	cps
Molybdenum	98-1	1245736	1257133	1266102	1256324	0.81	cps
Neodymium	150-1	13660	14394	13974	14010	2.63	cps
Neodymium	150-2	7769	7802	7429	7667	2.70	cps
Nickel	60-2	71852	71242	71433	71509	0.44	cps
Phosphorus	31-2	992	1225	1117	1111	10.51	cps
Potassium	39-2	874423	884740	879487	879550	0.59	cps
Rhodium	103-1	7164141	6939071	7094117	7065776	1.63	cps
Rhodium	103-2	4480126	4432150	4412199	4441491	0.79	cps
Scandium	45-1	4116213	4092077	4144319	4117537	0.63	cps
Scandium	45-2	374602	374331	371400	373444	0.48	cps
Selenium	82-1	4577	4770	4869	4739	3.13	cps
Selenium	77-2	503	483	420	469	9.28	cps
Selenium	78-2	1733	1639	1550	1641	5.59	cps
Silicon	28-1	23452084	23858813	23815129	23708675	0.94	cps
Silver	107-1	392871	390940	393057	392290	0.30	cps
Silver	109-1	373308	376269	377706	375761	0.60	cps
Sodium	23-2	4573812	4552369	4525247	4550476	0.53	cps
Strontium	86-1	1055375	1063725	1065073	1061391	0.49	cps
Strontium	88-1	9451090	9685818	9588428	9575112	1.23	cps
Sulfur	34-1	1829982	1812037	1820469	1820829	0.49	cps
Terbium	159-1	10578154	10338973	10537521	10484883	1.22	cps
Terbium	159-2	6636613	6579545	6542924	6586361	0.72	cps
Thallium	203-1	342599	342053	341604	342085	0.15	cps
Thallium	205-1	824119	816226	816456	818934	0.55	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2409-02MSDDLX10	Instrumnet Name :	P7
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	10
Date & Time Acquired ::	2021-05-21 14:22:32	DataFile Name :	104SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	3023	3273	2867	3054	6.70	cps
Tin	118-1	274196	275385	278569	276050	0.82	cps
Titanium	47-1	196628	196838	196296	196587	0.14	cps
Uranium	238-1	1175963	1161331	1162518	1166604	0.70	cps
Vanadium	51-2	186201	188618	186296	187038	0.73	cps
Yttrium	89-1	11414253	11232437	11281994	11309561	0.83	cps
Yttrium	89-2	2704219	2682302	2666982	2684501	0.70	cps
Zinc	66-2	366564	366131	366126	366274	0.07	cps
Zirconium	90-1	487678	491366	492125	490390	0.49	cps
Zirconium	91-1	107476	108316	107375	107722	0.48	cps

LB Number : LB114597 Operator : JASWAL
 Lab Sample ID : M2409-02ADLX10 Instrumnet Name : P7
 Client Sample ID : BACKFILL-ASHCROFT-F Dilution Factor : 10
 Date & Time Acquired :: 2021-05-21 14:25:35 DataFile Name : 105SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	962961	954773	946683	954805	0.85	cps
Antimony	121-1	313171	315242	317520	315311	0.69	cps
Arsenic	75-2	17108	17077	17197	17127	0.36	cps
Barium	135-1	394796	398018	405250	399355	1.34	cps
Barium	137-1	700480	700614	708206	703100	0.63	cps
Beryllium	9-1	53210	53795	52334	53113	1.38	cps
Bismuth	209-1	7329216	7242973	6721425	7097871	4.63	cps
Bismuth	209-2	4614777	4594053	4634204	4614345	0.44	cps
Boron	10-1	48528	50534	52935	50666	4.35	cps
Boron	11-1	233077	244977	258777	245610	5.24	cps
Bromine	81-1	6318	6635	6443	6466	2.47	cps
Bromine	81-2	200	150	230	194	20.90	cps
Cadmium	111-1	80373	81716	81893	81327	1.02	cps
Cadmium	106-1	12956	13448	13298	13234	1.91	cps
Cadmium	108-1	6089	6568	6672	6443	4.83	cps
Calcium	43-1	499142	519095	518341	512193	2.21	cps
Calcium	44-1	7857984	8110543	8064685	8011071	1.68	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	155907	155321	152930	154719	1.02	cps
Cobalt	59-2	305791	302192	304124	304036	0.59	cps
Copper	63-2	1965928	1955015	1942107	1954350	0.61	cps
Dysprosium	156-1	13590	13507	13682	13593	0.64	cps
Dysprosium	156-2	8813	8603	8436	8617	2.19	cps
Erbium	164-1	17896	17245	17720	17620	1.91	cps
Erbium	164-2	11248	10961	11218	11142	1.42	cps
Gadolinium	160-1	13382	14533	14441	14119	4.53	cps
Gadolinium	160-2	10057	10044	9890	9997	0.93	cps
Holmium	165-1	10724500	10644589	10481524	10616871	1.17	cps
Holmium	165-2	6676049	6715053	6659545	6683549	0.43	cps
Indium	115-1	7874587	7862116	7869330	7868678	0.08	cps
Indium	115-2	2444866	2416788	2465491	2442382	1.00	cps
Iron	56-2	67769189	67621532	66620067	67336929	0.93	cps
Iron	57-2	1651486	1636968	1634105	1640853	0.57	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2409-02ADLX10	Instrumnet Name :	P7
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	10
Date & Time Acquired ::	2021-05-21 14:25:35	DataFile Name :	105SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	3654742	3599429	3568659	3607610	1.21	cps
Krypton	83-1	2057	1820	1967	1948	6.13	cps
Lead	206-1	1446248	1477642	1492909	1472266	1.62	cps
Lead	207-1	1356614	1384793	1395471	1378959	1.46	cps
Lead	208-1	5989181	6116228	6128645	6078018	1.27	cps
Lithium	6-1	2117254	2091315	2065742	2091437	1.23	cps
Magnesium	24-2	1820182	1814819	1795320	1810107	0.72	cps
Manganese	55-2	2067245	2056403	2046163	2056604	0.51	cps
Molybdenum	94-1	619100	630562	632389	627350	1.15	cps
Molybdenum	95-1	766962	787697	794321	782994	1.82	cps
Molybdenum	96-1	861634	879388	886649	875890	1.47	cps
Molybdenum	97-1	484465	505017	495326	494936	2.08	cps
Molybdenum	98-1	1267661	1280587	1280596	1276281	0.58	cps
Neodymium	150-1	13267	13367	13954	13529	2.74	cps
Neodymium	150-2	7706	7686	7489	7627	1.57	cps
Nickel	60-2	73171	72725	72903	72933	0.31	cps
Phosphorus	31-2	992	1183	1092	1089	8.80	cps
Potassium	39-2	886525	885713	878852	883697	0.48	cps
Rhodium	103-1	7205160	7152047	7075435	7144214	0.91	cps
Rhodium	103-2	4471554	4413825	4457700	4447693	0.68	cps
Scandium	45-1	4184923	4112865	4113961	4137250	1.00	cps
Scandium	45-2	375896	374964	379073	376644	0.57	cps
Selenium	82-1	4430	4933	4798	4720	5.52	cps
Selenium	77-2	427	463	460	450	4.50	cps
Selenium	78-2	1708	1758	1696	1720	1.89	cps
Silicon	28-1	23464650	24012499	24009033	23828727	1.32	cps
Silver	107-1	388236	399100	397839	395058	1.50	cps
Silver	109-1	376782	386008	389686	384158	1.73	cps
Sodium	23-2	4697262	4626189	4606217	4643223	1.03	cps
Strontium	86-1	1044732	1076173	1087595	1069500	2.08	cps
Strontium	88-1	9396522	9648216	9823123	9622620	2.23	cps
Sulfur	34-1	1827272	1862714	1848867	1846284	0.97	cps
Terbium	159-1	10909343	10599654	10425929	10644975	2.30	cps
Terbium	159-2	6591810	6556282	6476696	6541596	0.90	cps
Thallium	203-1	341378	347418	345238	344678	0.89	cps
Thallium	205-1	820371	837043	832225	829880	1.03	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	M2409-02ADLX10	Instrumnet Name :	P7
Client Sample ID :	BACKFILL-ASHCROFT-F	Dilution Factor :	10
Date & Time Acquired ::	2021-05-21 14:25:35	DataFile Name :	105SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	2784	3134	2978	2965	5.92	cps
Tin	118-1	271833	281638	284007	279159	2.31	cps
Titanium	47-1	196778	201304	201702	199928	1.37	cps
Uranium	238-1	1158300	1182376	1200190	1180289	1.78	cps
Vanadium	51-2	190827	188841	188432	189367	0.68	cps
Yttrium	89-1	11421181	11387094	11413682	11407319	0.16	cps
Yttrium	89-2	2707126	2667892	2713081	2696033	0.91	cps
Zinc	66-2	370603	368010	366147	368253	0.61	cps
Zirconium	90-1	486053	498567	498882	494501	1.48	cps
Zirconium	91-1	108727	111145	110616	110163	1.15	cps

LB Number : LB114597 Operator : JASWAL
 Lab Sample ID : CCV06 Instrumnet Name : P7
 Client Sample ID : CCV06 Dilution Factor : 1
 Date & Time Acquired :: 2021-05-21 14:39:51 DataFile Name : 107CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7625646	7307669	7356326	7429880	2.31	cps
Antimony	121-1	3651355	3710104	3814225	3725228	2.21	cps
Arsenic	75-2	186376	181122	176617	181372	2.69	cps
Barium	135-1	3714568	3804486	3860990	3793348	1.95	cps
Barium	137-1	6928894	7092448	7158336	7059893	1.67	cps
Beryllium	9-1	568791	577322	595974	580696	2.39	cps
Bismuth	209-1	6536031	7115911	6267433	6639792	6.53	cps
Bismuth	209-2	4002317	4159250	4285882	4149150	3.42	cps
Boron	10-1	68404	71401	75195	71667	4.75	cps
Boron	11-1	330959	345579	359232	345257	4.10	cps
Bromine	81-1	5960	6493	6126	6193	4.41	cps
Bromine	81-2	130	130	140	133	4.33	cps
Cadmium	111-1	867595	891678	911919	890397	2.49	cps
Cadmium	106-1	103911	104508	105649	104690	0.84	cps
Cadmium	108-1	71118	72584	70775	71492	1.34	cps
Calcium	43-1	4428717	4454025	4584972	4489238	1.87	cps
Calcium	44-1	68962906	69720496	72586889	70423430	2.71	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1675895	1608365	1587525	1623928	2.84	cps
Cobalt	59-2	2562142	2491847	2416368	2490119	2.93	cps
Copper	63-2	18241969	17441458	17242146	17641858	3.00	cps
Dysprosium	156-1	1075	1150	1058	1095	4.46	cps
Dysprosium	156-2	773	760	630	721	10.98	cps
Erbium	164-1	250	175	225	217	17.62	cps
Erbium	164-2	147	163	170	160	7.51	cps
Gadolinium	160-1	1100	1142	1150	1131	2.37	cps
Gadolinium	160-2	813	907	730	817	10.82	cps
Holmium	165-1	10929332	10910518	10292737	10710862	3.38	cps
Holmium	165-2	5859414	6082282	6689651	6210449	6.92	cps
Indium	115-1	7759575	7821256	7535133	7705321	1.95	cps
Indium	115-2	2150209	2246639	2302889	2233246	3.46	cps
Iron	56-2	375862820	364578419	359246797	366562679	2.31	cps
Iron	57-2	9429465	9155296	8935881	9173547	2.70	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	CCV06	Instrumnet Name :	P7
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 14:39:51	DataFile Name :	107CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	20701695	19915704	19616774	20078058	2.79	cps
Krypton	83-1	1777	1960	2024	1920	6.67	cps
Lead	206-1	14874783	14844104	15494701	15071196	2.44	cps
Lead	207-1	13948985	14031857	14344832	14108558	1.48	cps
Lead	208-1	61704890	61891722	63381570	62326061	1.47	cps
Lithium	6-1	2160901	2218216	2099327	2159481	2.75	cps
Magnesium	24-2	83752350	80065048	79893018	81236805	2.68	cps
Manganese	55-2	11737525	11334658	11284048	11452077	2.17	cps
Molybdenum	94-1	6707486	6771151	7068902	6849180	2.82	cps
Molybdenum	95-1	8308245	8485691	8504060	8432665	1.28	cps
Molybdenum	96-1	9407497	9410665	9632781	9483647	1.36	cps
Molybdenum	97-1	5002563	5089633	5170168	5087455	1.65	cps
Molybdenum	98-1	13546894	13921318	13921884	13796699	1.57	cps
Neodymium	150-1	233	353	327	304	20.70	cps
Neodymium	150-2	60	73	73	69	11.17	cps
Nickel	60-2	656791	640482	625924	641066	2.41	cps
Phosphorus	31-2	75859	72116	74134	74036	2.53	cps
Potassium	39-2	37805758	36755850	36545231	37035613	1.82	cps
Rhodium	103-1	6963847	7174664	6616153	6918222	4.08	cps
Rhodium	103-2	3831283	4006834	4077706	3971941	3.19	cps
Scandium	45-1	4239988	4333606	4065360	4212985	3.23	cps
Scandium	45-2	344641	358535	367812	356996	3.27	cps
Selenium	82-1	50593	51448	52463	51501	1.82	cps
Selenium	77-2	5031	4971	4864	4955	1.70	cps
Selenium	78-2	17416	16838	16576	16943	2.54	cps
Silicon	28-1	2306461	2425285	2567000	2432915	5.36	cps
Silver	107-1	4218390	4338490	4383928	4313603	1.98	cps
Silver	109-1	4110160	4170318	4243156	4174545	1.60	cps
Sodium	23-2	139559628	136082695	135227691	136956671	1.68	cps
Strontium	86-1	10009510	10057850	10356432	10141264	1.85	cps
Strontium	88-1	88071306	87804600	90865850	88913919	1.91	cps
Sulfur	34-1	779627	774797	781075	778500	0.42	cps
Terbium	159-1	10859415	11024202	10249613	10711077	3.81	cps
Terbium	159-2	5805651	6292692	6466624	6188323	5.54	cps
Thallium	203-1	3418578	3490973	3569335	3492962	2.16	cps
Thallium	205-1	8721516	8790535	9024533	8845528	1.80	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	CCV06	Instrumnet Name :	P7
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 14:39:51	DataFile Name :	107CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	13183440	13468457	13391018	13347638	1.10	cps
Tin	118-1	2659741	2717612	2805670	2727674	2.69	cps
Titanium	47-1	1999008	2041046	2081309	2040454	2.02	cps
Uranium	238-1	12578739	12932018	13010335	12840364	1.79	cps
Vanadium	51-2	1413190	1360372	1349202	1374255	2.49	cps
Yttrium	89-1	11451226	11339394	10822800	11204473	2.99	cps
Yttrium	89-2	2416802	2513463	2564426	2498230	3.00	cps
Zinc	66-2	2877079	2808663	2743149	2809630	2.38	cps
Zirconium	90-1	5124095	5145998	5609721	5293272	5.18	cps
Zirconium	91-1	1148735	1151461	1193427	1164541	2.15	cps

LB Number : LB114597 Operator : JASWAL
 Lab Sample ID : CCB06 Instrumnet Name : P7
 Client Sample ID : CCB06 Dilution Factor : 1
 Date & Time Acquired :: 2021-05-21 15:12:21 DataFile Name : 112CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	133	208	153	31.96	cps
Antimony	121-1	150	167	142	153	8.33	cps
Arsenic	75-2	4	7	13	8	58.09	cps
Barium	135-1	25	8	17	17	50.01	cps
Barium	137-1	75	25	50	50	50.00	cps
Beryllium	9-1	78	72	78	76	4.23	cps
Bismuth	209-1	7190743	7278753	7204380	7224626	0.66	cps
Bismuth	209-2	4597161	4646632	4618768	4620854	0.54	cps
Boron	10-1	583	775	583	647	17.10	cps
Boron	11-1	3084	3317	3342	3248	4.39	cps
Bromine	81-1	6035	5785	5610	5810	3.68	cps
Bromine	81-2	110	150	80	113	30.99	cps
Cadmium	111-1	801	826	797	808	1.98	cps
Cadmium	106-1	4084	4234	4059	4126	2.29	cps
Cadmium	108-1	29	29	21	26	18.25	cps
Calcium	43-1	150	167	167	161	5.97	cps
Calcium	44-1	11313	11154	11521	11329	1.63	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1493	1463	1367	1441	4.59	cps
Cobalt	59-2	197	197	237	210	11.00	cps
Copper	63-2	1127	1077	1150	1118	3.35	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	42	92	33	56	56.79	cps
Erbium	164-2	30	50	20	33	45.83	cps
Gadolinium	160-1	67	50	42	53	24.12	cps
Gadolinium	160-2	73	73	70	72	2.66	cps
Holmium	165-1	10325131	10281648	10467379	10358052	0.94	cps
Holmium	165-2	6587847	6692766	6577562	6619392	0.96	cps
Indium	115-1	7665478	7762503	7817906	7748629	1.00	cps
Indium	115-2	2400517	2418871	2389616	2403001	0.62	cps
Iron	56-2	6363	6074	6385	6274	2.77	cps
Iron	57-2	211	172	211	198	11.33	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	CCB06	Instrumnet Name :	P7
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 15:12:21	DataFile Name :	112CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1241	1231	1231	1235	0.47	cps
Krypton	83-1	1923	1867	1833	1875	2.43	cps
Lead	206-1	1061	1111	1028	1067	3.93	cps
Lead	207-1	972	906	1011	963	5.54	cps
Lead	208-1	4423	4550	4456	4476	1.48	cps
Lithium	6-1	2164955	2157171	2149590	2157239	0.36	cps
Magnesium	24-2	350	492	550	464	22.17	cps
Manganese	55-2	157	203	177	179	13.09	cps
Molybdenum	94-1	242	275	342	286	17.80	cps
Molybdenum	95-1	58	33	8	33	75.01	cps
Molybdenum	96-1	108	58	142	103	40.81	cps
Molybdenum	97-1	42	67	33	47	36.74	cps
Molybdenum	98-1	100	42	58	67	45.07	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	190	107	123	140	31.50	cps
Phosphorus	31-2	342	267	333	314	13.10	cps
Potassium	39-2	61963	62733	61402	62033	1.08	cps
Rhodium	103-1	7098800	7103741	7040769	7081103	0.49	cps
Rhodium	103-2	4370615	4401333	4364189	4378712	0.45	cps
Scandium	45-1	4064063	4081016	4045749	4063609	0.43	cps
Scandium	45-2	366107	368380	365894	366794	0.38	cps
Selenium	82-1	29	-39	75	22	263.59	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	163	157	156	159	2.43	cps
Silicon	28-1	324087	322071	325833	323997	0.58	cps
Silver	107-1	217	150	183	183	18.18	cps
Silver	109-1	92	125	42	86	48.71	cps
Sodium	23-2	34858	34098	35734	34897	2.35	cps
Strontium	86-1	2792	2834	2875	2834	1.47	cps
Strontium	88-1	242	208	167	206	18.28	cps
Sulfur	34-1	491064	493519	499742	494775	0.90	cps
Terbium	159-1	10494522	10284010	10360642	10379724	1.03	cps
Terbium	159-2	6506074	6589621	6426209	6507301	1.26	cps
Thallium	203-1	2267	2550	2434	2417	5.89	cps
Thallium	205-1	5310	5776	6602	5896	11.10	cps

LB Number :	LB114597	Operator :	JASWAL
Lab Sample ID :	CCB06	Instrumnet Name :	P7
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2021-05-21 15:12:21	DataFile Name :	112CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	167	144	128	146	13.34	cps
Tin	118-1	875	750	825	817	7.70	cps
Titanium	47-1	100	125	83	103	20.40	cps
Uranium	238-1	33	0	8	14	124.91	cps
Vanadium	51-2	23	3	7	11	96.43	cps
Yttrium	89-1	10974132	11061396	10840569	10958699	1.01	cps
Yttrium	89-2	2579679	2581057	2555982	2572239	0.55	cps
Zinc	66-2	320	323	297	313	4.64	cps
Zirconium	90-1	650	567	608	608	6.85	cps
Zirconium	91-1	200	167	125	164	22.93	cps