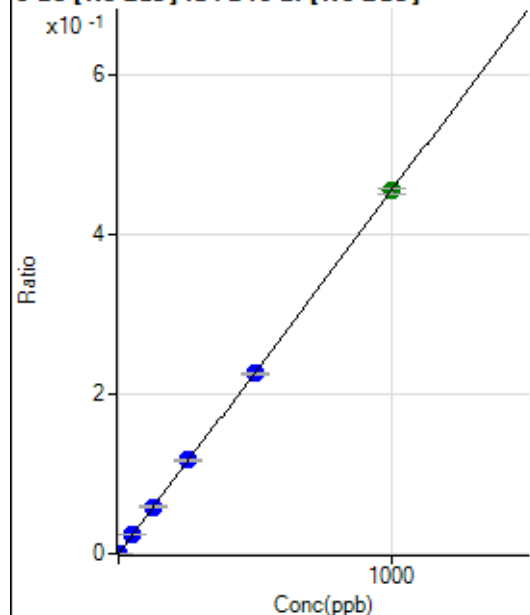


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8121921 MS.b\
Analysis File: P8121921 MS.batch.bin
DA Date-Time: 2021-12-20 12:51:44
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2021-12-19 12:12:30
2	005CALS.d	S02	2021-12-19 12:18:39
3	006CALS.d	S03	2021-12-19 12:21:44
4	007CALS.d	S04	2021-12-19 12:24:47
5	008CALS.d	S05	2021-12-19 12:27:53
6	009CALS.d	S06	2021-12-19 12:30:56
7	010CALS.d	S07	2021-12-19 12:34:02
8	011CALS.d	S08	2021-12-19 12:37:05

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	87.98	0.0000	P	12.1
2	☐	1.000	1.031	1230.48	0.0005	P	2.6
3	☐	50.000	53.464	58711.97	0.0243	P	1.0
4	☐	125.000	129.407	149620.50	0.0589	P	1.8
5	☐	250.000	258.329	302574.52	0.1175	P	1.8
6	☐	500.000	495.330	601603.47	0.2253	P	0.8
7	☐	1000.000	999.528	1187904.44	0.4545	A	1.7
8	☐			490.58	0.0002	P	16.1

$$y = 4.5472\text{E-}004 * x + 3.6820\text{E-}005$$

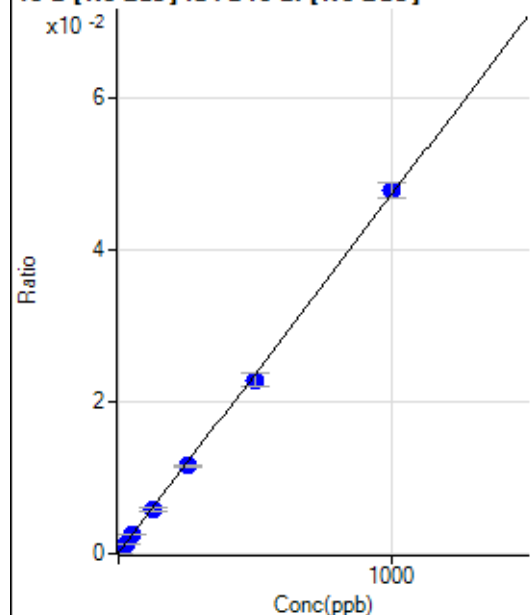
$$R = 0.9999$$

$$DL = 0.02935$$

$$BEC = 0.08097$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	253.28	0.0001	P	0.3
2	☐	25.000	22.905	2883.06	0.0012	P	4.3
3	☐	50.000	50.204	5956.71	0.0025	P	4.7
4	☐	125.000	120.418	14678.48	0.0058	P	6.4
5	☐	250.000	242.939	29745.55	0.0115	P	2.7
6	☐	500.000	483.426	61082.49	0.0229	P	7.0
7	☐	1000.000	1010.667	124672.22	0.0477	P	4.2
8	☐			13625.65	0.0055	P	6.8

$$y = 4.7095\text{E-}005 * x + 1.0583\text{E-}004$$

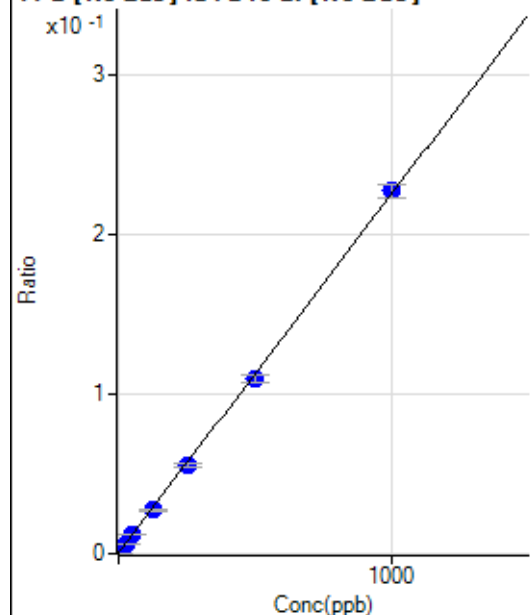
$$R = 0.9998$$

$$DL = 0.02056$$

$$BEC = 2.247$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1207.15	0.0005	P	5.0
2	☐	25.000	22.942	13770.44	0.0057	P	5.8
3	☐	50.000	50.469	28561.46	0.0118	P	4.5
4	☐	125.000	120.160	69876.35	0.0275	P	5.7
5	☐	250.000	244.613	142873.87	0.0555	P	4.5
6	☐	500.000	486.158	293080.02	0.1097	P	4.5
7	☐	1000.000	1008.901	593772.17	0.2272	P	3.8
8	☐			65035.89	0.0263	P	7.4

$$y = 2.2469E-004 * x + 5.0454E-004$$

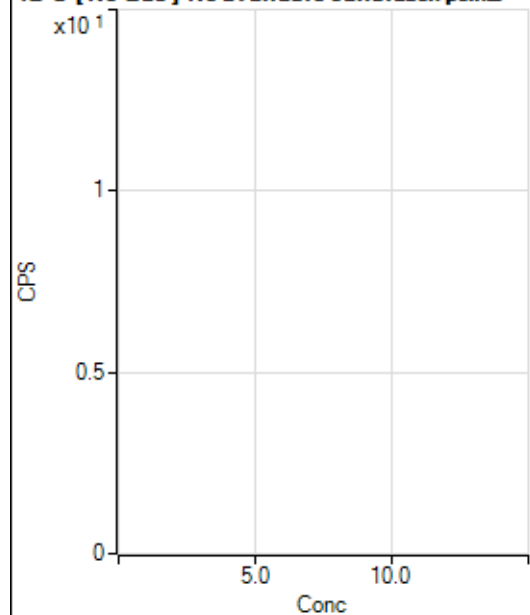
$$R = 0.9998$$

$$DL = 0.338$$

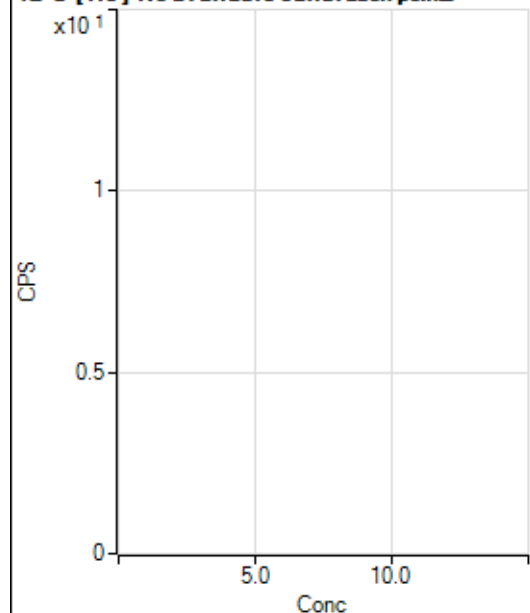
$$BEC = 2.245$$

Weight: <None>

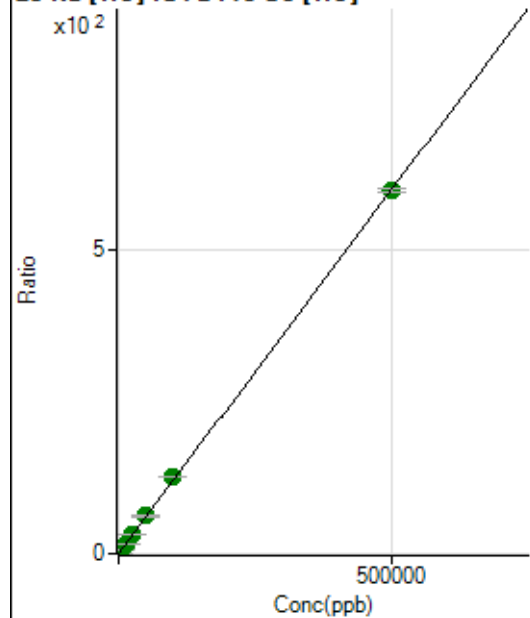
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			3592173.34		A	2.9
2	☐			3890405.82		A	1.1
3	☐			4086032.60		A	0.6
4	☐			4219649.01		A	2.6
5	☐			4452731.31		A	3.0
6	☐			5657041.10		A	3.0
7	☐			5188061.88		A	3.7
8	☐			4937100.46		A	2.1

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			41679.40		P	1.4
2	☐			44083.45		P	1.1
3	☐			50453.92		P	1.2
4	☐			50035.99		P	3.7
5	☐			51961.83		P	0.6
6	☐			66646.04		P	0.7
7	☐			61903.06		P	2.0
8	☐			60740.19		P	1.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	15472.40	0.0799	P	3.8
2	☐	500.000	499.599	130596.10	0.6773	P	0.9
3	☐	5000.000	5399.732	1274058.45	6.5367	A	0.5
4	☐	12500.000	13304.026	3116885.55	15.9884	A	2.4
5	☐	25000.000	26603.987	6188020.49	31.8920	A	2.9
6	☐	50000.000	51497.782	11801222.23	61.6590	A	1.7
7	☐	100000.00	105608.47	23453027.78	126.3625	A	0.9
8	☐	500000.00	498624.23	109968553.8	596.3157	A	1.0

$$y = 0.0012 * x + 0.0799$$

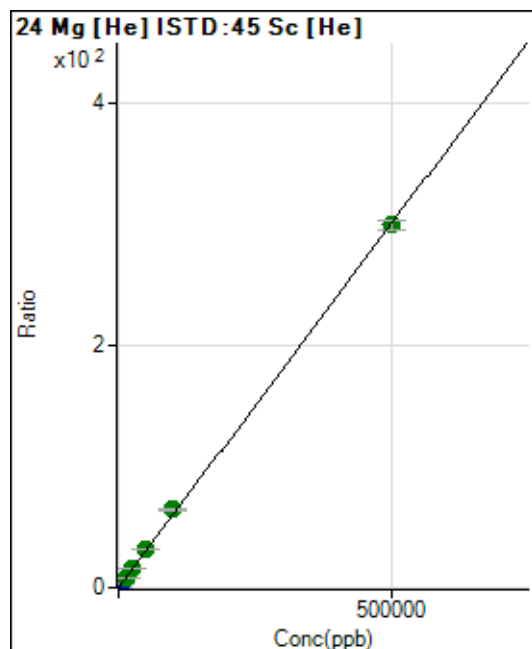
$$R = 0.9999$$

$$DL = 7.583$$

$$BEC = 66.86$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	583.36	0.0030	P	11.6
2	☐	500.000	523.498	61338.30	0.3182	P	1.6
3	☐	5000.000	5642.488	662629.65	3.3998	P	1.9
4	☐	12500.000	13686.209	1606846.74	8.2422	A	0.1
5	☐	25000.000	27299.935	3189631.30	16.4378	A	1.7
6	☐	50000.000	52614.799	6062835.29	31.6776	A	2.1
7	☐	100000.00	106942.71	11949085.95	64.3834	A	1.6
8	☐	500000.00	498198.87	55303540.13	299.9230	A	2.8

$$y = 6.0201\text{E-}004 * x + 0.0030$$

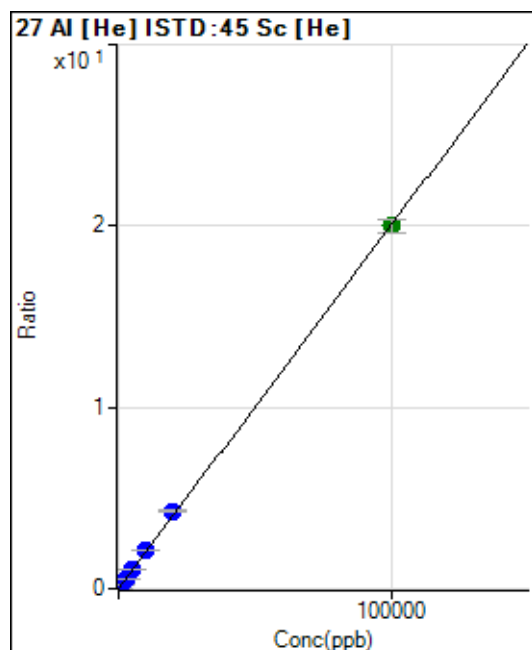
$$R = 0.9999$$

$$DL = 1.746$$

$$BEC = 5.007$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	131.23	0.0007	P	5.3
2	☐	20.000	20.039	906.17	0.0047	P	1.8
3	☐	1000.000	1099.320	43135.61	0.2213	P	0.4
4	☐	2500.000	2683.495	105127.44	0.5393	P	1.7
5	☐	5000.000	5363.922	209035.37	1.0772	P	0.4
6	☐	10000.000	10431.528	400853.84	2.0943	P	0.9
7	☐	20000.000	21362.307	795847.03	4.2881	P	1.5
8	☐	100000.00	99660.609	3688127.09	20.0027	A	3.7

$$y = 2.0070\text{E-}004 * x + 6.7816\text{E-}004$$

$$R = 0.9999$$

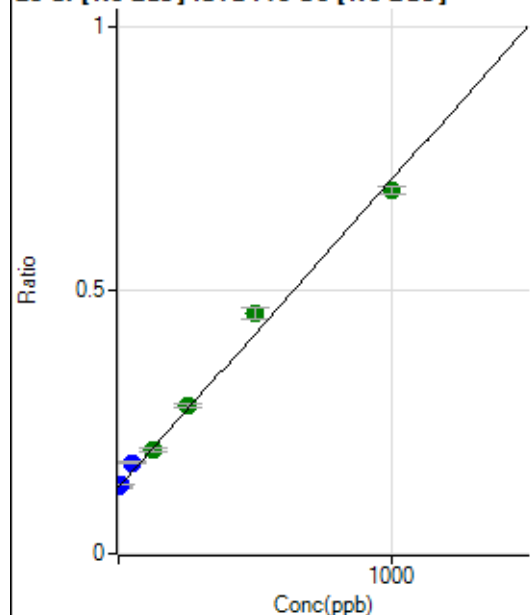
$$DL = 0.5415$$

$$BEC = 3.379$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	684554.02	0.1260	P	1.9
2	☐	10.000	11.071	720632.61	0.1325	P	0.5
3	☐	50.000	80.679	927219.29	0.1731	P	1.0
4	☐	125.000	121.667	1098267.44	0.1970	A	3.7
5	☐	250.000	265.203	1532153.02	0.2807	A	1.5
6	☐	500.000	563.514	2583599.67	0.4547	A	4.9
7	☐	1000.000	963.314	3828858.07	0.6880	A	2.2
8	☐			1869933.05	0.3451	A	3.6

$$y = 5.8338\text{E-}004 * x + 0.1260$$

$$R = 0.9965$$

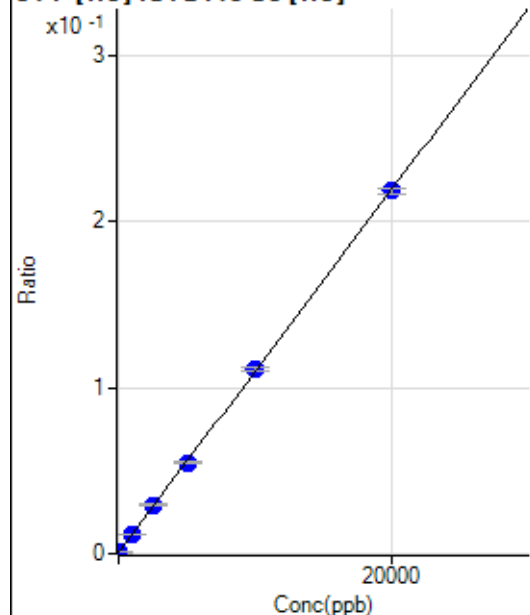
$$DL = 12.01$$

$$BEC = 216$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-18.570	108.34	0.0006	P	7.1
2	☐	0.000	18.570	186.12	0.0010	P	2.2
3	☐	1000.000	1017.985	2316.92	0.0119	P	2.6
4	☐	2500.000	2620.530	5731.86	0.0294	P	6.6
5	☐	5000.000	4949.604	10645.88	0.0549	P	2.4
6	☐	10000.000	10114.501	21305.00	0.1113	P	2.9
7	☐	20000.000	19939.383	40588.20	0.2187	P	1.4
8	☐			113.89	0.0006	P	17.3

$$y = 1.0929\text{E-}005 * x + 7.6242\text{E-}004$$

$$R = 1.0000$$

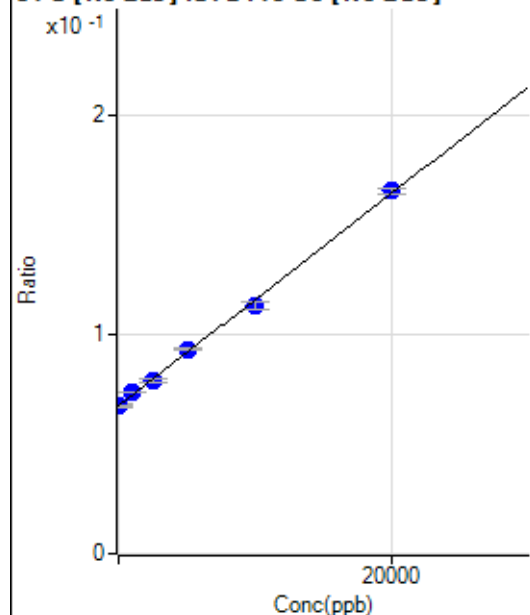
$$DL = 8.396$$

$$BEC = 69.76$$

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	27.029	366609.96	0.0675	P	2.5
2	☐	0.000	-27.029	365724.91	0.0672	P	1.0
3	☐	1000.000	1282.830	394178.09	0.0736	P	0.3
4	☐	2500.000	2389.825	440024.67	0.0789	P	2.7
5	☐	5000.000	5316.249	508074.65	0.0931	P	0.4
6	☐	10000.000	9425.353	641818.03	0.1130	P	3.3
7	☐	20000.000	20207.892	919103.45	0.1652	P	1.6
8	☐			329292.13	0.0608	P	0.9

$$y = 4.8397E-006 * x + 0.0674$$

$$R = 0.9991$$

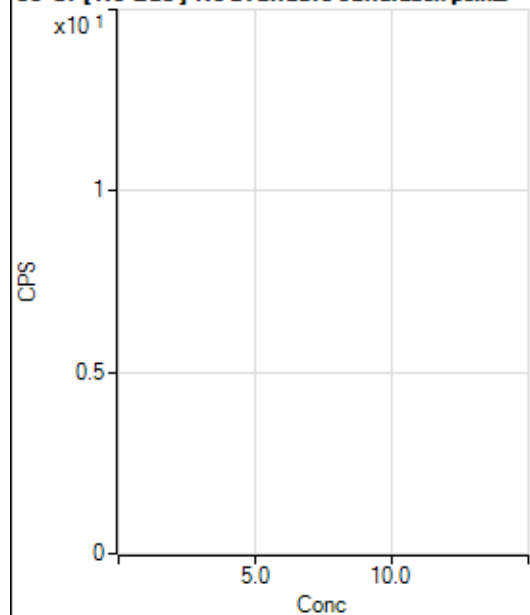
$$DL = 731.8$$

$$BEC = 1.392E+04$$

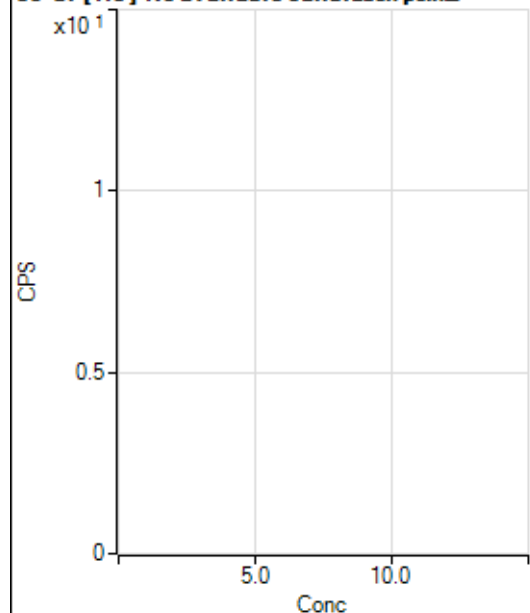
Weight: <None>

Min Conc: 0

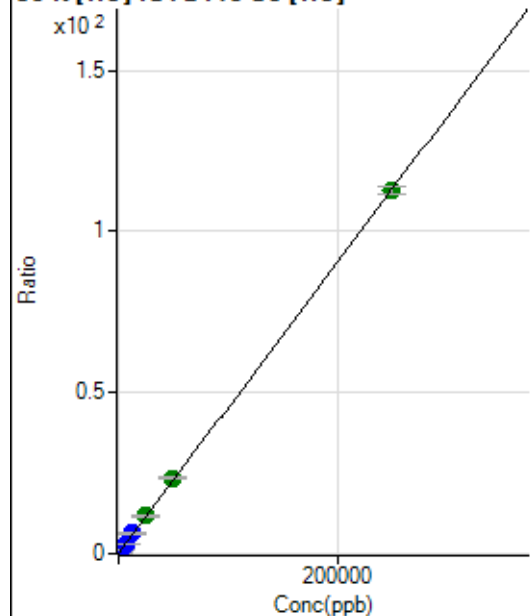
35 Cl [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			313212.76		P	0.4
2	☐			274739.92		P	0.8
3	☐			265956.44		P	0.3
4	☐			256311.76		P	0.7
5	☐			248654.12		P	0.9
6	☐			246418.23		P	0.8
7	☐			236858.56		P	1.3
8	☐			226565.35		P	2.0

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			2169.66		P	2.5
2	☐			1914.08		P	12.2
3	☐			1877.95		P	3.6
4	☐			1686.26		P	10.3
5	☐			1675.14		P	10.2
6	☐			1577.91		P	2.2
7	☐			1419.55		P	3.0
8	☐			1464.00		P	7.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	17817.02	0.0920	P	1.8
2	☐	500.000	516.614	62625.33	0.3249	P	1.9
3	☐	2500.000	2795.280	263500.11	1.3520	P	1.7
4	☐	6250.000	6872.037	621815.92	3.1896	P	1.1
5	☐	12500.000	13697.925	1215941.76	6.2664	P	1.4
6	☐	25000.000	25686.713	2233918.37	11.6704	A	1.8
7	☐	50000.000	51855.609	4355130.70	23.4662	A	1.8
8	☐	250000.00	249481.77	20753924.59	112.5471	A	2.0

$$y = 4.5075E-004 * x + 0.0920$$

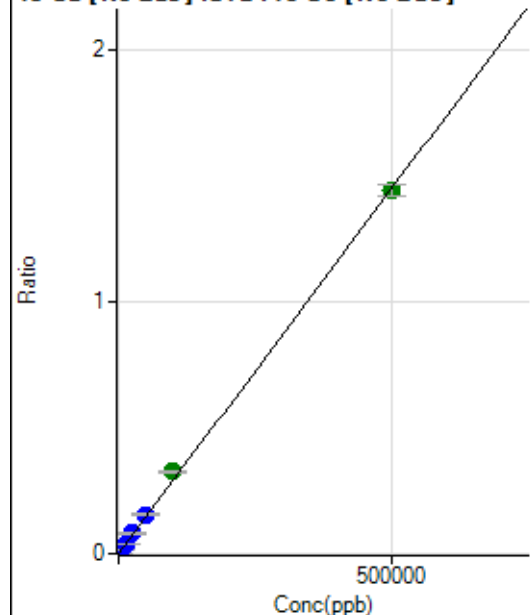
$$R = 1.0000$$

$$DL = 10.89$$

$$BEC = 204.1$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	306.22	0.0001	P	7.9
2	☐	500.000	466.716	7661.10	0.0014	P	1.1
3	☐	5000.000	5592.010	87073.38	0.0163	P	1.8
4	☐	12500.000	13414.561	216942.16	0.0389	P	2.8
5	☐	25000.000	27653.718	437497.56	0.0802	P	1.1
6	☐	50000.000	53395.430	879075.64	0.1547	P	2.7
7	☐	100000.00	112080.70	1807309.95	0.3247	A	0.9
8	☐	500000.00	497082.87	7798198.15	1.4399	A	3.0

$$y = 2.8966\text{E-}006 * x + 5.6407\text{E-}005$$

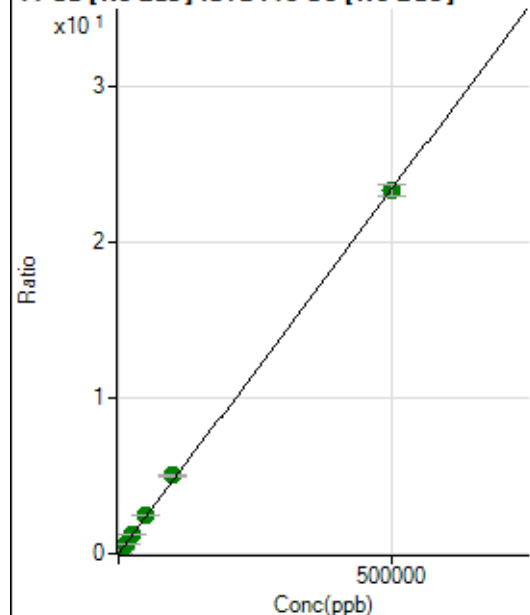
$$R = 0.9997$$

$$DL = 4.618$$

$$BEC = 19.47$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25573.81	0.0047	P	2.3
2	☐	500.000	476.760	146694.78	0.0270	P	0.5
3	☐	5000.000	5536.063	1409648.30	0.2631	A	1.6
4	☐	12500.000	13243.721	3472736.75	0.6229	A	3.7
5	☐	25000.000	26378.114	6746405.46	1.2360	A	2.7
6	☐	50000.000	52847.759	14048304.71	2.4717	A	1.3
7	☐	100000.00	107007.79	27825291.05	4.9999	A	1.5
8	☐	500000.00	498220.83	125979313.6	23.2619	A	3.1

$$y = 4.6680\text{E-}005 * x + 0.0047$$

$$R = 0.9999$$

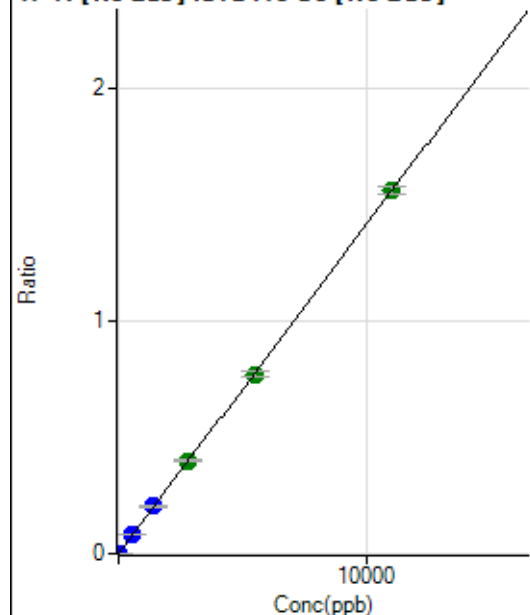
$$DL = 6.815$$

$$BEC = 100.8$$

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	269.46	0.0000	P	5.7
2	☐	5.000	4.771	3945.09	0.0007	P	8.2
3	☐	550.000	586.495	445334.31	0.0831	P	1.3
4	☐	1375.000	1432.536	1131712.62	0.2030	P	2.1
5	☐	2750.000	2825.962	2185083.99	0.4003	A	0.3
6	☐	5500.000	5430.363	4370323.88	0.7693	A	3.2
7	☐	11000.000	11006.811	8676799.85	1.5592	A	2.2
8	☐			2136.36	0.0004	P	20.3

$$y = 1.4165E-004 * x + 4.9581E-005$$

R = 0.9999

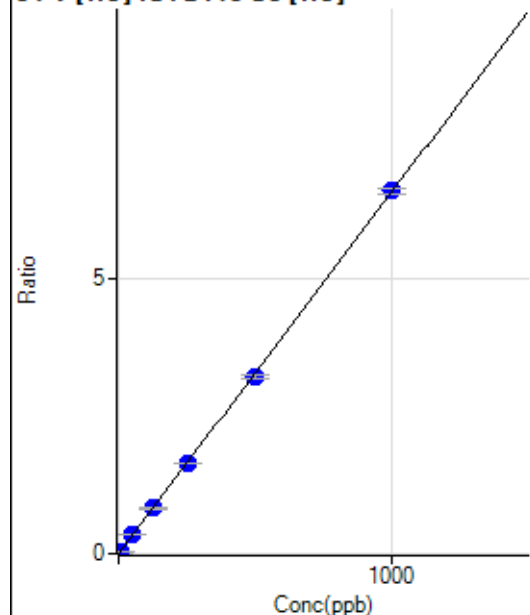
DL = 0.06022

BEC = 0.35

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	17.78	0.0001	P	12.0
2	☐	5.000	4.730	6010.21	0.0312	P	3.4
3	☐	50.000	51.183	65580.73	0.3365	P	2.3
4	☐	125.000	125.696	161083.41	0.8263	P	1.1
5	☐	250.000	251.357	320624.31	1.6522	P	1.0
6	☐	500.000	491.584	618431.44	3.2312	P	2.3
7	☐	1000.000	1003.724	1224466.07	6.5975	P	1.4
8	☐			431.12	0.0023	P	8.0

$$y = 0.0066 * x + 9.1923E-005$$

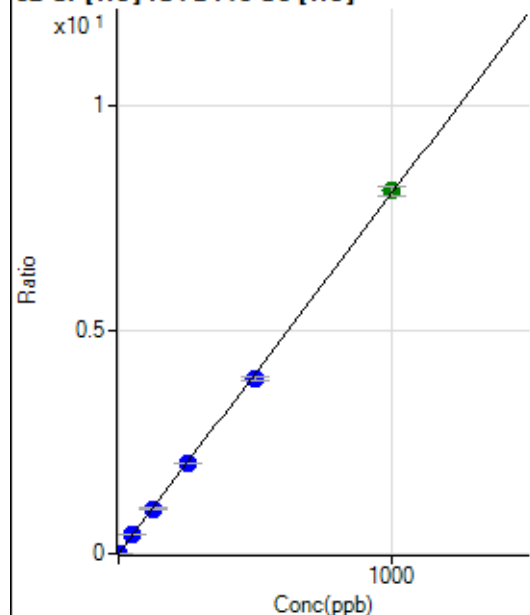
R = 0.9999

DL = 0.005037

BEC = 0.01399

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	620.02	0.0032	P	6.3
2	☐	2.000	1.840	3468.24	0.0180	P	6.3
3	☐	50.000	50.940	80455.13	0.4128	P	1.7
4	☐	125.000	124.852	196341.66	1.0071	P	0.7
5	☐	250.000	251.223	392633.13	2.0233	P	1.0
6	☐	500.000	484.958	746973.16	3.9027	P	1.5
7	☐	1000.000	1007.187	1503576.24	8.1020	A	2.5
8	☐			3288.19	0.0178	P	2.2

$$y = 0.0080 * x + 0.0032$$

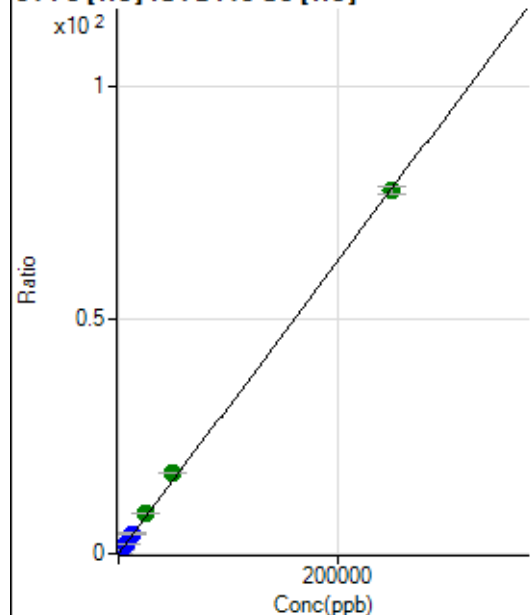
$$R = 0.9998$$

$$DL = 0.07469$$

$$BEC = 0.3983$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	453.72	0.0023	P	6.6
2	☐	50.000	52.452	3604.21	0.0187	P	5.4
3	☐	2500.000	2781.174	169532.32	0.8698	P	1.0
4	☐	6250.000	6799.772	413938.86	2.1233	P	1.5
5	☐	12500.000	13781.599	834585.84	4.3011	P	1.3
6	☐	25000.000	27304.209	1630568.22	8.5190	A	1.0
7	☐	50000.000	54920.791	3179971.95	17.1331	A	0.6
8	☐	250000.00	248704.78	14305175.55	77.5776	A	2.3

$$y = 3.1192E-004 * x + 0.0023$$

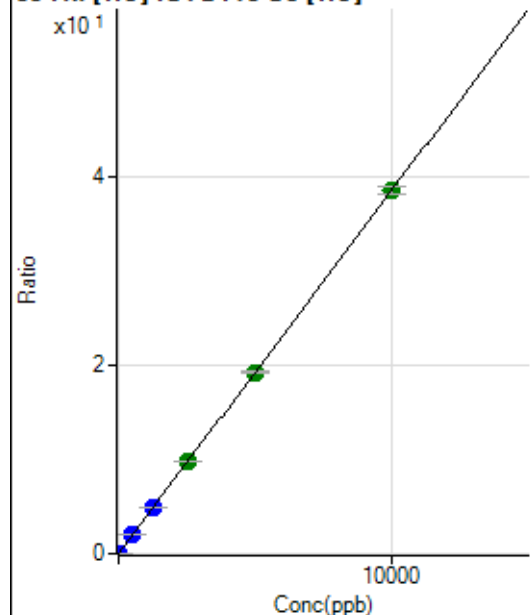
$$R = 0.9998$$

$$DL = 1.494$$

$$BEC = 7.51$$

Weight: <None>

Min Conc: 0

55 Mn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	65.56	0.0003	P	38.6
2	☐	1.000	0.929	753.36	0.0039	P	9.9
3	☐	500.000	511.782	383493.82	1.9678	P	2.0
4	☐	1250.000	1251.890	938291.96	4.8130	P	0.7
5	☐	2500.000	2543.669	1897568.84	9.7789	A	1.2
6	☐	5000.000	4984.772	3667924.14	19.1632	A	1.0
7	☐	10000.000	9995.872	7131744.20	38.4274	A	2.1
8	☐			3918.35	0.0213	P	4.9

$$y = 0.0038 * x + 3.3947E-004$$

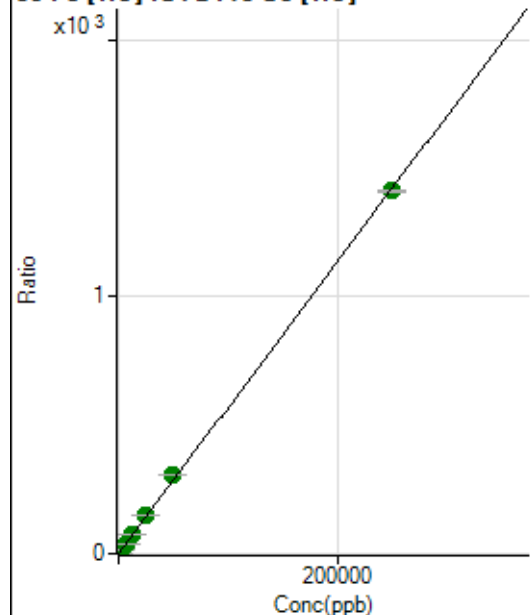
$$R = 1.0000$$

$$DL = 0.1023$$

$$BEC = 0.08831$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2868.87	0.0148	P	4.7
2	☐	50.000	49.811	57320.59	0.2973	P	1.8
3	☐	2500.000	2761.671	3055872.06	15.6785	A	0.6
4	☐	6250.000	6727.694	7442021.18	38.1730	A	1.6
5	☐	12500.000	13514.452	14877733.78	76.6662	A	1.1
6	☐	25000.000	26713.667	29002715.46	151.5295	A	1.6
7	☐	50000.000	54199.923	57056030.44	307.4262	A	1.6
8	☐	250000.00	248923.36	260388516.9	1,411.859	A	0.4

$$y = 0.0057 * x + 0.0148$$

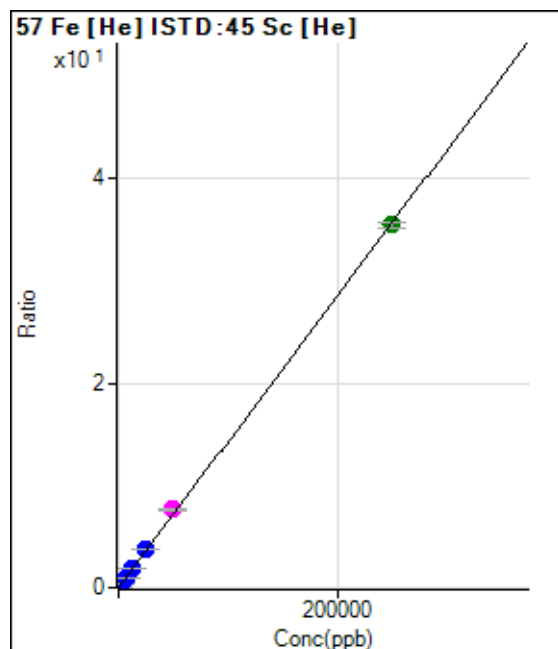
$$R = 0.9998$$

$$DL = 0.3658$$

$$BEC = 2.613$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	200.00	0.0010	P	15.8
2	☐	50.000	52.854	1650.13	0.0086	P	7.7
3	☐	2500.000	2713.366	75514.42	0.3874	P	0.9
4	☐	6250.000	6717.254	186697.19	0.9576	P	0.8
5	☐	12500.000	13423.368	371138.19	1.9127	P	1.8
6	☐	25000.000	26146.919	712844.82	3.7247	P	2.7
7	☐	50000.000	53574.766	1416337.20	7.6307	M	1.4
8	☐	250000.00	249110.37	6542633.36	35.4772	A	1.7

$$y = 1.4241\text{E-}004 * x + 0.0010$$

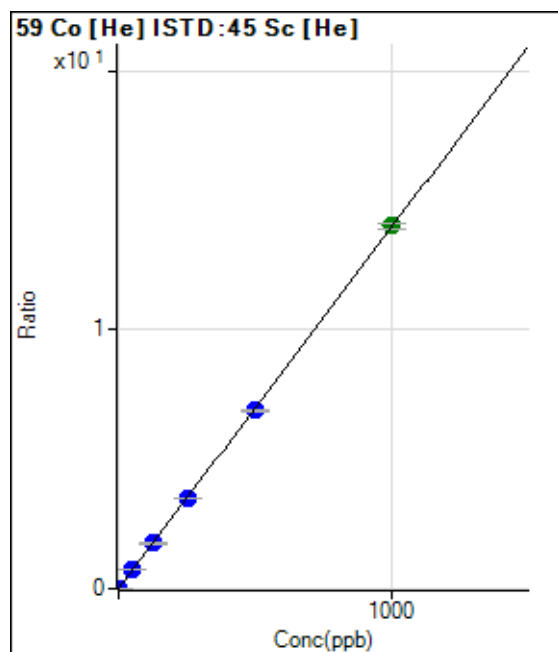
$$R = 0.9999$$

$$DL = 3.439$$

$$BEC = 7.262$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	74.45	0.0004	P	6.3
2	☐	1.000	0.984	2723.63	0.0141	P	8.0
3	☐	50.000	50.882	138533.57	0.7108	P	1.3
4	☐	125.000	125.336	341205.61	1.7502	P	1.9
5	☐	250.000	249.913	677133.42	3.4895	P	0.7
6	☐	500.000	492.427	1315988.96	6.8753	P	0.7
7	☐	1000.000	1003.722	2600882.41	14.0137	A	1.3
8	☐			3551.59	0.0193	P	7.2

$$y = 0.0140 * x + 3.8473\text{E-}004$$

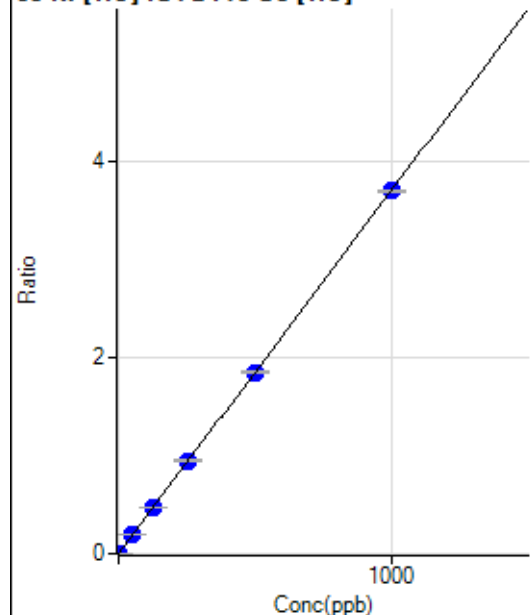
$$R = 1.0000$$

$$DL = 0.005207$$

$$BEC = 0.02756$$

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	115.56	0.0006	P	8.4
2	☐	1.000	0.917	771.14	0.0040	P	4.9
3	☐	50.000	51.959	37695.54	0.1934	P	1.9
4	☐	125.000	127.398	92287.24	0.4734	P	0.3
5	☐	250.000	255.802	184326.20	0.9499	P	1.5
6	☐	500.000	498.913	354490.43	1.8521	P	1.4
7	☐	1000.000	998.695	688008.02	3.7069	P	0.7
8	☐			1017.83	0.0055	P	3.4

$$y = 0.0037 * x + 5.9658E-004$$

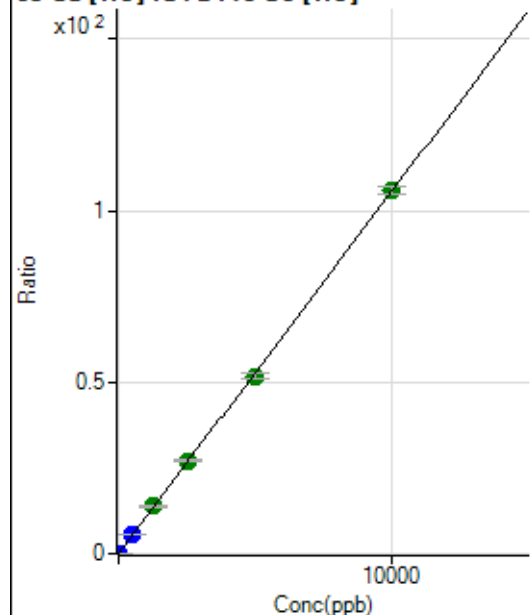
$$R = 1.0000$$

$$DL = 0.04047$$

$$BEC = 0.1608$$

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	596.69	0.0031	P	10.8
2	☐	2.000	1.949	4557.45	0.0236	P	1.8
3	☐	500.000	524.146	1078091.50	5.5313	P	0.6
4	☐	1250.000	1307.890	2689912.25	13.7976	A	1.9
5	☐	2500.000	2564.981	5250208.53	27.0563	A	1.7
6	☐	5000.000	4899.144	9889509.30	51.6751	A	3.3
7	☐	10000.000	10025.739	19626640.68	105.7460	A	1.9
8	☐			5485.58	0.0297	P	2.9

$$y = 0.0105 * x + 0.0031$$

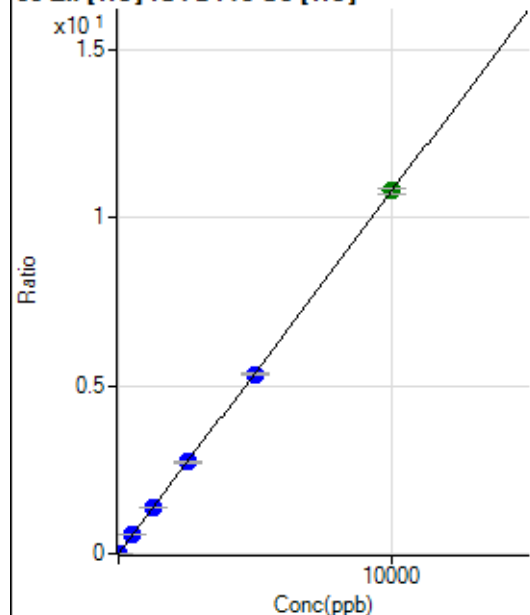
$$R = 0.9999$$

$$DL = 0.0945$$

$$BEC = 0.2923$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	142.22	0.0007	P	5.9
2	☐	2.000	2.127	583.35	0.0030	P	3.1
3	☐	500.000	518.351	108923.84	0.5589	P	2.3
4	☐	1250.000	1281.932	269252.86	1.3811	P	0.1
5	☐	2500.000	2527.388	528230.14	2.7222	P	1.4
6	☐	5000.000	4946.275	1019589.94	5.3269	P	0.7
7	☐	10000.000	10015.107	2001700.30	10.7850	A	1.6
8	☐			2653.61	0.0144	P	4.8

$$y = 0.0011 * x + 7.3493E-004$$

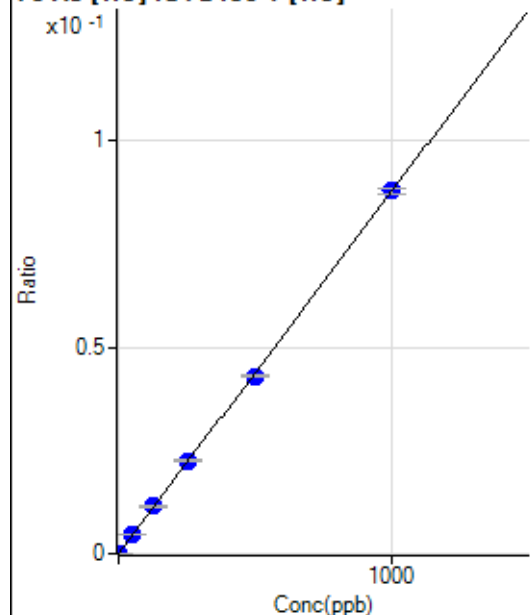
$$R = 1.0000$$

$$DL = 0.121$$

$$BEC = 0.6825$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	14.67	0.0000	P	35.8
2	☐	1.000	0.957	137.35	0.0001	P	3.5
3	☐	50.000	52.331	6825.35	0.0046	P	3.7
4	☐	125.000	130.078	16846.71	0.0114	P	0.9
5	☐	250.000	257.148	33530.28	0.0226	P	0.5
6	☐	500.000	491.033	64754.44	0.0431	P	1.7
7	☐	1000.000	1001.945	128822.95	0.0880	P	1.5
8	☐			53.67	0.0000	P	13.6

$$y = 8.7775E-005 * x + 9.8358E-006$$

$$R = 0.9999$$

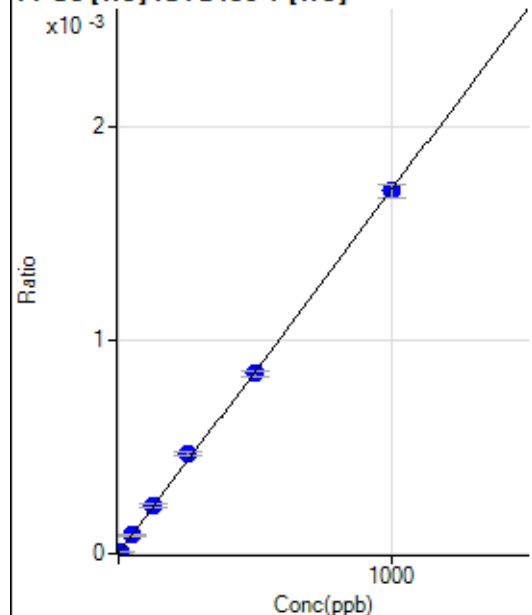
$$DL = 0.1205$$

$$BEC = 0.1121$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3.33	0.0000	P	100.
2	☐	5.000	4.457	14.45	0.0000	P	26.2
3	☐	50.000	50.536	131.11	0.0001	P	6.7
4	☐	125.000	131.535	333.34	0.0002	P	4.9
5	☐	250.000	272.513	692.25	0.0005	P	3.5
6	☐	500.000	493.556	1265.63	0.0008	P	3.8
7	☐	1000.000	996.753	2488.02	0.0017	P	3.8
8	☐			1.11	0.0000	P	173.

$$y = 1.7022\text{E-}006 * x + 2.2710\text{E-}006$$

$$R = 0.9997$$

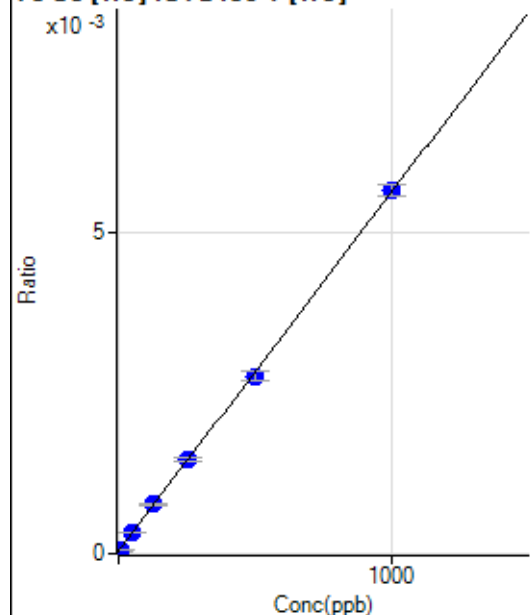
$$DL = 4.03$$

$$BEC = 1.334$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	62.68	0.0000	P	6.7
2	☐	5.000	4.715	100.34	0.0001	P	14.4
3	☐	50.000	52.611	498.73	0.0003	P	2.0
4	☐	125.000	130.971	1140.50	0.0008	P	3.1
5	☐	250.000	255.622	2182.40	0.0015	P	2.7
6	☐	500.000	488.067	4157.38	0.0028	P	4.8
7	☐	1000.000	1003.685	8272.27	0.0056	P	3.0
8	☐			52.01	0.0000	P	20.1

$$y = 5.5857\text{E-}006 * x + 4.2214\text{E-}005$$

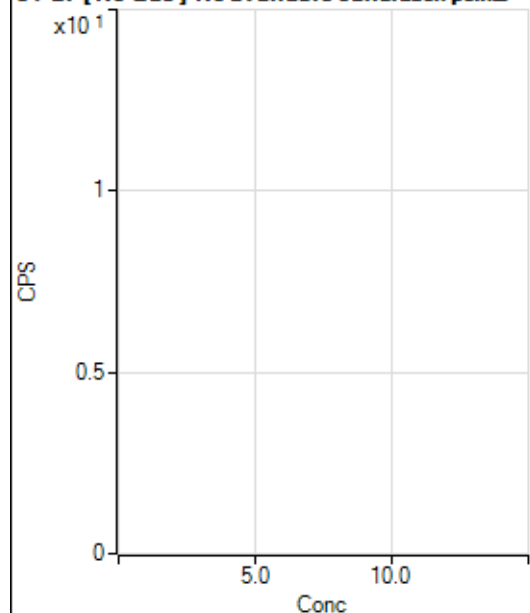
$$R = 0.9999$$

$$DL = 1.509$$

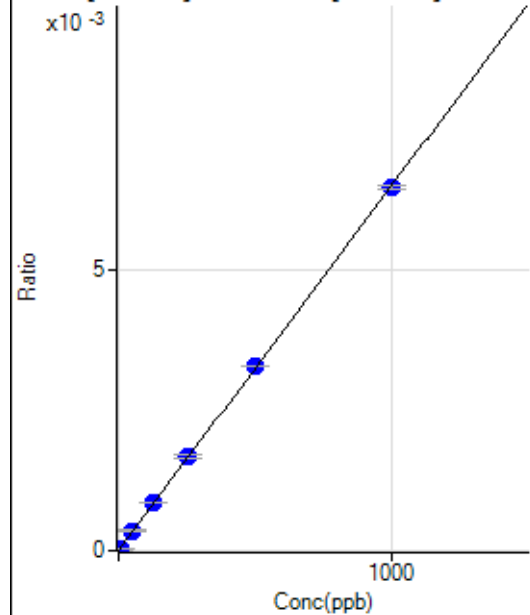
$$BEC = 7.558$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			15284.12		P	4.6
2	☐			14529.21		P	2.5
3	☐			14749.71		P	5.7
4	☐			14839.81		P	3.2
5	☐			14105.08		P	2.8
6	☐			14031.53		P	7.2
7	☐			13387.07		P	0.4
8	☐			14839.93		P	3.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	65.79	0.0000	P	78.1
2	☐	5.000	4.004	387.87	0.0000	P	2.2
3	☐	50.000	53.971	4484.38	0.0004	P	3.6
4	☐	125.000	130.913	10994.07	0.0009	P	0.3
5	☐	250.000	258.071	21980.71	0.0017	P	2.4
6	☐	500.000	505.332	43920.92	0.0033	P	0.5
7	☐	1000.000	994.383	86466.77	0.0064	P	1.2
8	☐			17.92	0.0000	P	249.

$$y = 6.4722E-006 * x + 5.0507E-006$$

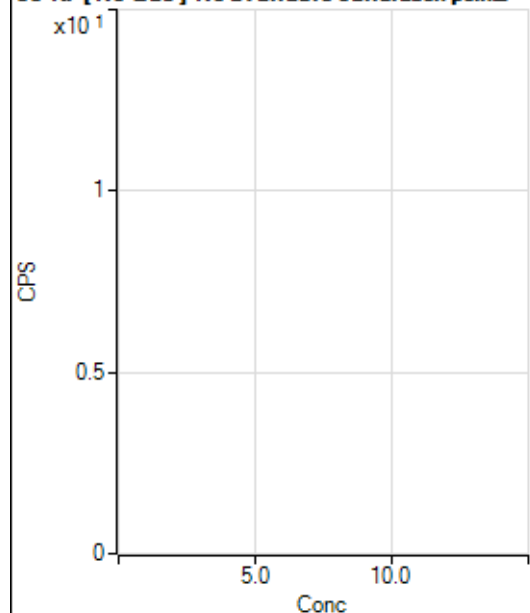
$$R = 0.9999$$

$$DL = 1.828$$

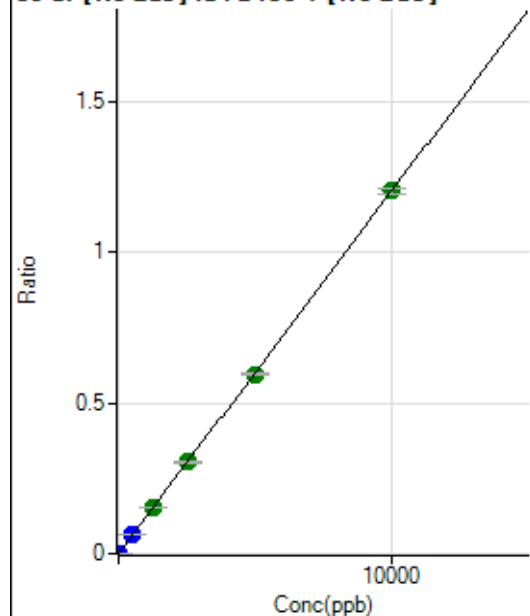
$$BEC = 0.7804$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1015.60		P	5.3
2	☐			1073.39		P	2.8
3	☐			1063.38		P	7.1
4	☐			1134.50		P	7.1
5	☐			1032.27		P	1.8
6	☐			1101.17		P	4.3
7	☐			1135.61		P	5.8
8	☐			1187.84		P	3.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1716.82	0.0001	P	8.4
2	☐	1.000	0.951	3108.76	0.0002	P	5.9
3	☐	500.000	536.347	818725.58	0.0647	P	2.2
4	☐	1250.000	1289.976	2004862.50	0.1554	A	1.3
5	☐	2500.000	2537.475	4009348.74	0.3056	A	2.8
6	☐	5000.000	4945.498	7984000.96	0.5955	A	0.8
7	☐	10000.000	10011.068	16179311.47	1.2053	A	1.7
8	☐			13098.31	0.0010	P	8.1

$$y = 1.2038E-004 * x + 1.3375E-004$$

$$R = 1.0000$$

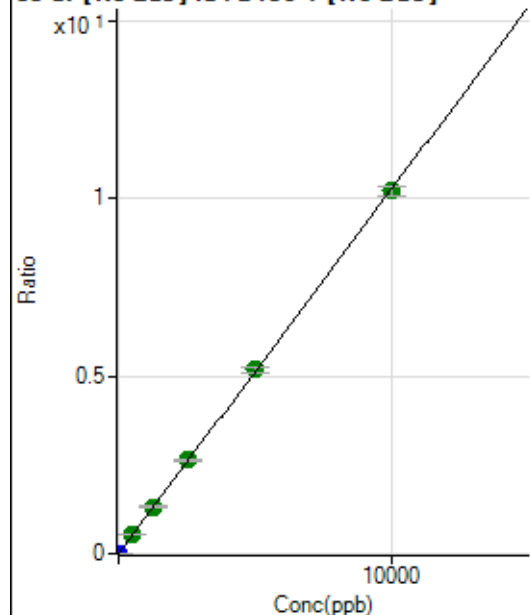
$$DL = 0.2803$$

$$BEC = 1.111$$

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	261.12	0.0000	P	19.5
2	☐	1.000	0.990	12967.44	0.0010	P	1.4
3	☐	500.000	529.869	6876619.60	0.5434	A	2.0
4	☐	1250.000	1287.762	17034829.20	1.3205	A	1.3
5	☐	2500.000	2568.886	34565118.48	2.6342	A	1.9
6	☐	5000.000	5041.029	69303582.11	5.1693	A	2.5
7	☐	10000.000	9956.050	137035568.3	10.2093	A	2.8
8	☐			98211.37	0.0079	P	7.3

$$y = 0.0010 * x + 2.0395E-005$$

$$R = 1.0000$$

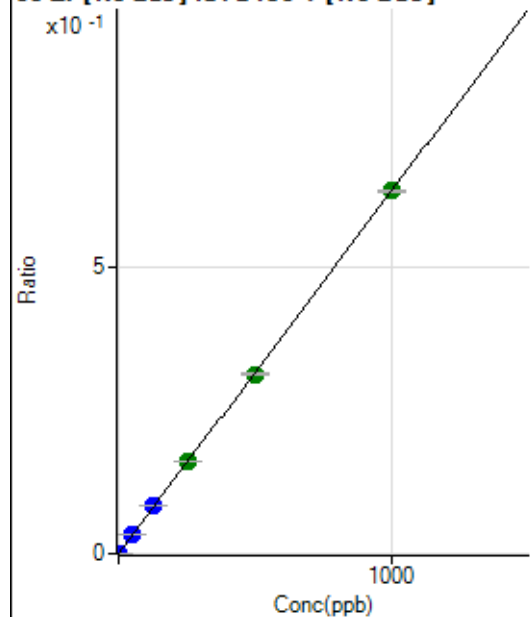
$$DL = 0.01163$$

$$BEC = 0.01989$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	677.81	0.0001	P	12.2
2	☐	1.000	0.962	8294.34	0.0007	P	4.4
3	☐	50.000	53.063	425932.79	0.0337	P	2.5
4	☐	125.000	131.352	1073790.70	0.0832	P	1.3
5	☐	250.000	254.034	2111956.97	0.1609	A	0.7
6	☐	500.000	495.508	4208601.92	0.3139	A	0.3
7	☐	1000.000	1000.290	8506759.65	0.6336	A	0.6
8	☐			5259.57	0.0004	P	7.7

$$y = 6.3333E-004 * x + 5.2844E-005$$

$$R = 1.0000$$

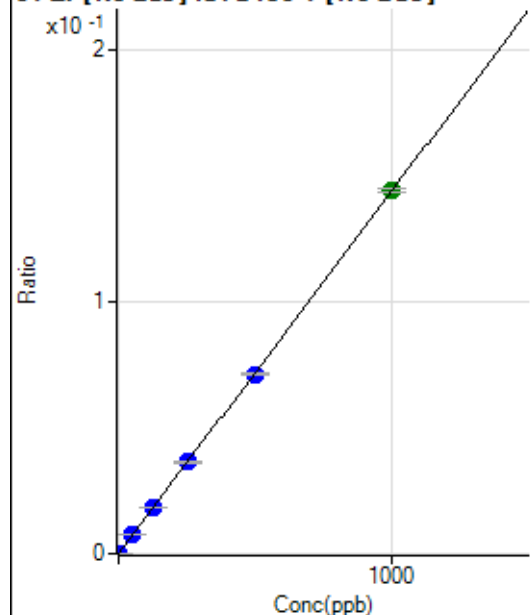
$$DL = 0.03051$$

$$BEC = 0.08344$$

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	144.45	0.0000	P	9.8
2	☐	1.000	0.988	1916.84	0.0002	P	5.8
3	☐	50.000	51.734	94071.18	0.0074	P	3.6
4	☐	125.000	127.303	235753.46	0.0183	P	3.5
5	☐	250.000	252.746	476147.52	0.0363	P	0.8
6	☐	500.000	494.658	952018.13	0.0710	P	1.3
7	☐	1000.000	1001.610	1929883.68	0.1438	A	1.0
8	☐			1253.00	0.0001	P	20.1

$$y = 1.4351\text{E-}004 * x + 1.1222\text{E-}005$$

$$R = 1.0000$$

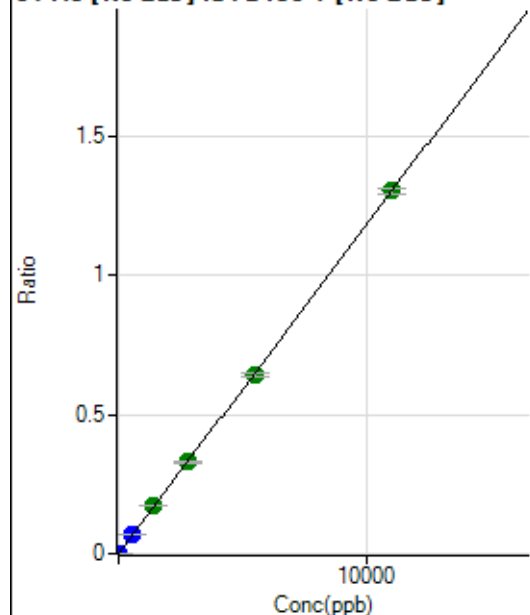
$$DL = 0.02296$$

$$BEC = 0.0782$$

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	252.79	0.0000	P	27.4
2	☐	5.000	5.874	8955.91	0.0007	P	3.0
3	☐	550.000	593.260	888976.58	0.0703	P	2.4
4	☐	1375.000	1450.557	2215109.82	0.1717	A	2.1
5	☐	2750.000	2776.676	4313735.25	0.3287	A	1.3
6	☐	5500.000	5429.578	8620546.29	0.6428	A	2.5
7	☐	11000.000	11016.934	17511695.71	1.3043	A	1.7
8	☐			6574.11	0.0005	P	16.6

$$y = 1.1838\text{E-}004 * x + 1.9703\text{E-}005$$

$$R = 0.9999$$

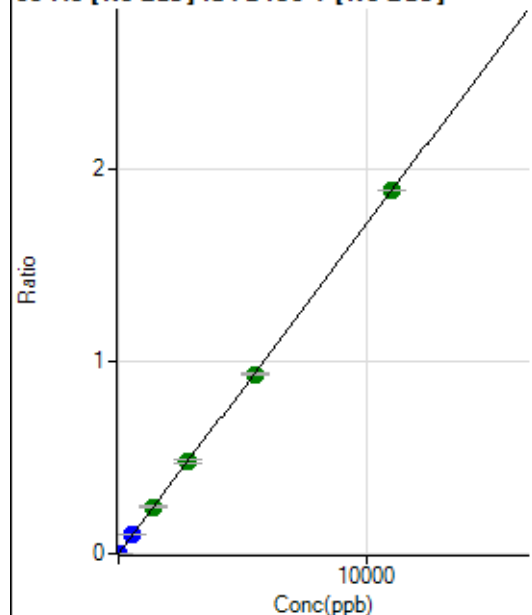
$$DL = 0.1367$$

$$BEC = 0.1664$$

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	80.56	0.0000	P	18.5
2	☐	5.000	5.128	11110.30	0.0009	P	2.0
3	☐	550.000	587.708	1277670.32	0.1010	P	1.6
4	☐	1375.000	1424.941	3156652.72	0.2448	A	4.1
5	☐	2750.000	2814.646	6342411.86	0.4834	A	3.2
6	☐	5500.000	5445.169	12541568.42	0.9353	A	1.3
7	☐	11000.000	11003.126	25373782.69	1.8899	A	0.1
8	☐			7182.75	0.0006	P	17.3

$$y = 1.7176\text{E-}004 * x + 6.2897\text{E-}006$$

$$R = 1.0000$$

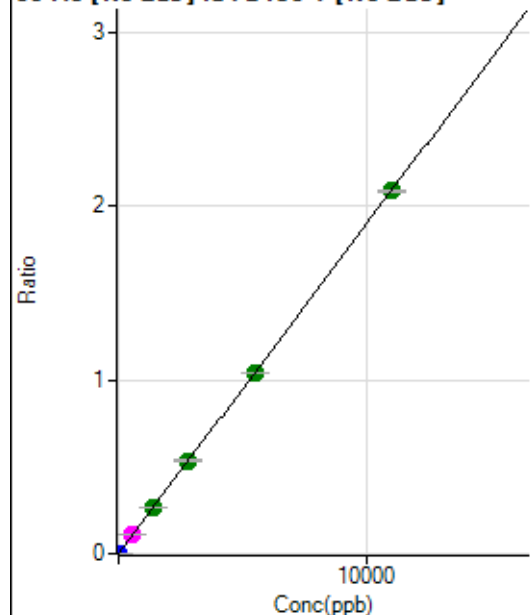
$$DL = 0.02034$$

$$BEC = 0.03662$$

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	183.34	0.0000	P	12.1
2	☐	5.000	5.229	12611.61	0.0010	P	1.2
3	☐	550.000	580.128	1393506.60	0.1101	M	3.1
4	☐	1375.000	1407.279	3445614.71	0.2671	A	1.8
5	☐	2750.000	2813.398	7006618.48	0.5341	A	3.1
6	☐	5500.000	5476.096	13937808.65	1.0395	A	0.8
7	☐	11000.000	10990.561	28011574.58	2.0863	A	0.6
8	☐			12925.92	0.0010	P	8.2

$$y = 1.8982\text{E-}004 * x + 1.4272\text{E-}005$$

$$R = 1.0000$$

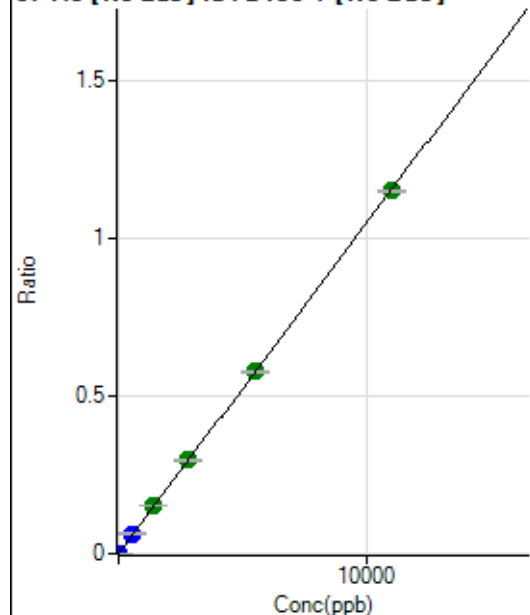
$$DL = 0.02739$$

$$BEC = 0.07518$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	36.11	0.0000	P	32.6
2	☐	5.000	5.067	6682.35	0.0005	P	0.5
3	☐	550.000	603.816	800007.44	0.0632	P	5.1
4	☐	1375.000	1455.228	1966264.41	0.1524	A	0.7
5	☐	2750.000	2821.960	3878384.29	0.2956	A	2.1
6	☐	5500.000	5511.065	7739519.70	0.5773	A	1.3
7	☐	11000.000	10963.758	15418302.77	1.1484	A	0.4
8	☐			4681.63	0.0004	P	22.6

$$y = 1.0474\text{E-}004 * x + 2.7930\text{E-}006$$

R = 1.0000

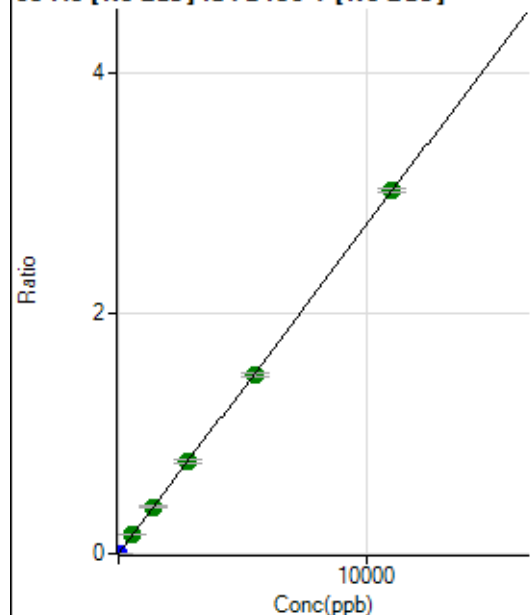
DL = 0.0261

BEC = 0.02666

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	86.11	0.0000	P	38.4
2	☐	5.000	5.136	17728.47	0.0014	P	2.9
3	☐	550.000	582.026	2019764.32	0.1596	A	3.6
4	☐	1375.000	1421.964	5030418.77	0.3900	A	2.4
5	☐	2750.000	2802.391	10084862.64	0.7687	A	2.5
6	☐	5500.000	5417.246	19920805.83	1.4859	A	1.8
7	☐	11000.000	11020.807	40581464.80	3.0228	A	1.1
8	☐			12013.54	0.0010	P	14.6

$$y = 2.7428\text{E-}004 * x + 6.6923\text{E-}006$$

R = 0.9999

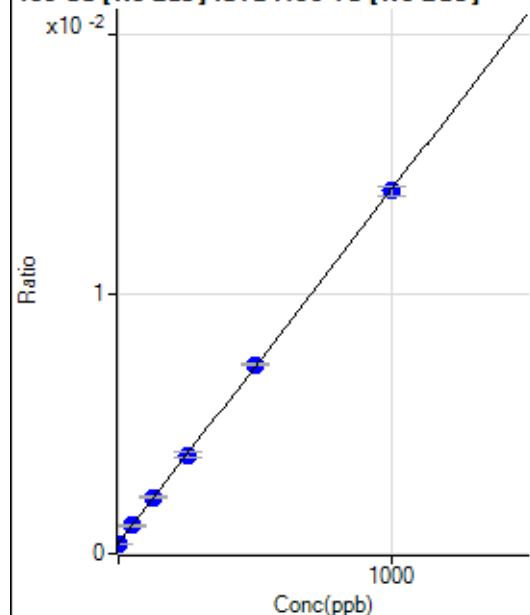
DL = 0.02813

BEC = 0.0244

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2967.07	0.0004	P	1.2
2	☐	1.000	-0.413	2944.85	0.0004	P	4.6
3	☐	50.000	50.875	8258.24	0.0011	P	5.9
4	☐	125.000	130.654	16816.18	0.0022	P	2.4
5	☐	250.000	250.444	30008.33	0.0038	P	4.8
6	☐	500.000	505.526	58193.40	0.0073	P	0.9
7	☐	1000.000	996.377	111481.04	0.0140	P	2.5
8	☐			2955.95	0.0004	P	2.7

$$y = 1.3605\text{E-}005 * x + 3.9532\text{E-}004$$

$$R = 1.0000$$

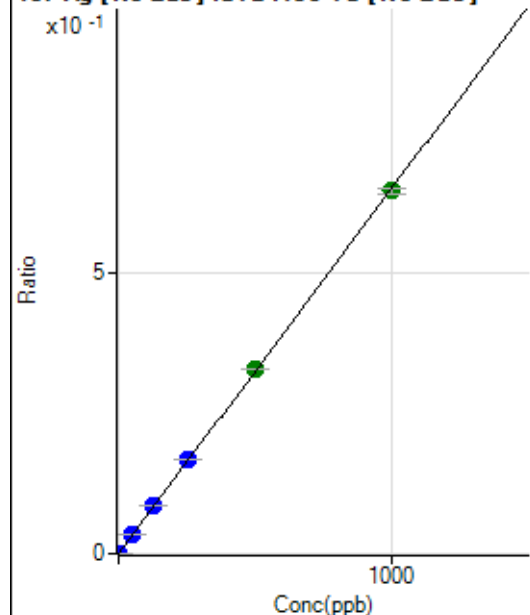
$$DL = 1.005$$

$$BEC = 29.06$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	161.12	0.0000	P	16.1
2	☐	1.000	0.942	4787.08	0.0006	P	1.5
3	☐	50.000	52.817	260682.22	0.0343	P	4.5
4	☐	125.000	131.438	660847.58	0.0854	P	0.3
5	☐	250.000	257.252	1319221.24	0.1671	P	1.0
6	☐	500.000	505.908	2628689.32	0.3285	A	1.0
7	☐	1000.000	994.287	5160677.07	0.6457	A	1.4
8	☐			1744.60	0.0002	P	4.7

$$y = 6.4938\text{E-}004 * x + 2.1463\text{E-}005$$

$$R = 0.9999$$

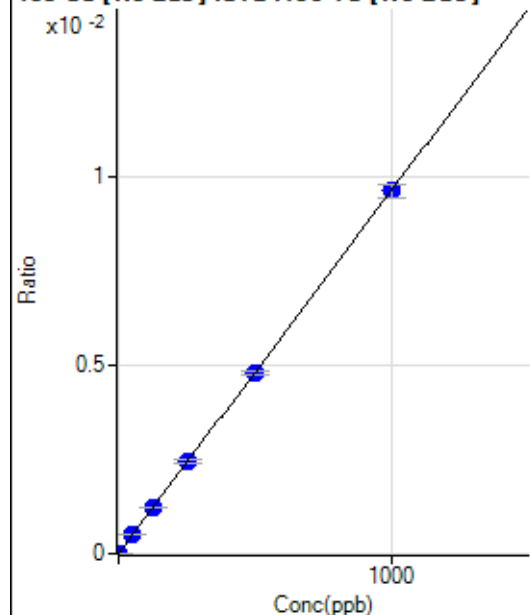
$$DL = 0.01599$$

$$BEC = 0.03305$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	45.83	0.0000	P	53.8
2	☐	1.000	0.857	108.34	0.0000	P	27.4
3	☐	50.000	53.798	3988.13	0.0005	P	3.9
4	☐	125.000	128.160	9613.17	0.0012	P	1.5
5	☐	250.000	255.242	19476.45	0.0025	P	3.4
6	☐	500.000	498.468	38505.41	0.0048	P	1.9
7	☐	1000.000	998.871	77022.44	0.0096	P	3.6
8	☐			73.61	0.0000	P	42.6

$$y = 9.6443\text{E-}006 * x + 6.0766\text{E-}006$$

$$R = 1.0000$$

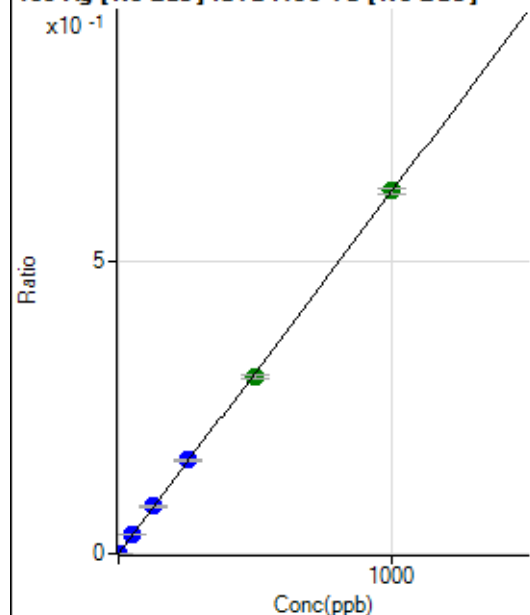
$$DL = 1.018$$

$$BEC = 0.6301$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	108.34	0.0000	P	49.9
2	☐	1.000	0.940	4500.87	0.0006	P	1.1
3	☐	50.000	52.140	244834.00	0.0322	P	4.8
4	☐	125.000	130.614	624839.63	0.0807	P	1.6
5	☐	250.000	257.699	1257088.43	0.1593	P	3.1
6	☐	500.000	489.635	2421115.16	0.3026	A	1.7
7	☐	1000.000	1002.449	4951636.66	0.6195	A	1.4
8	☐			1633.48	0.0002	P	9.7

$$y = 6.1798\text{E-}004 * x + 1.4440\text{E-}005$$

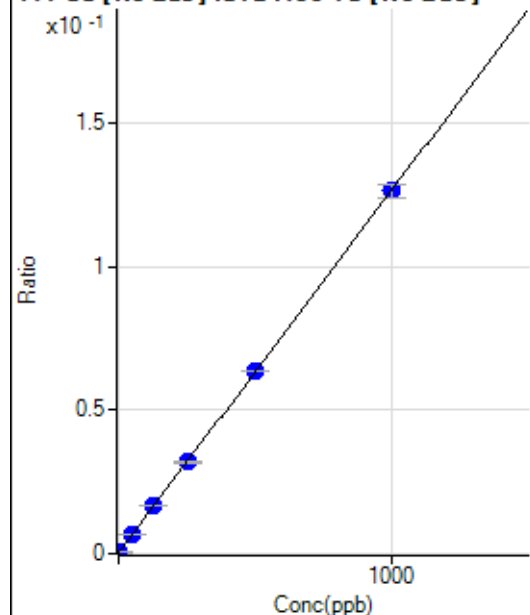
$$R = 0.9999$$

$$DL = 0.035$$

$$BEC = 0.02337$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2110.14	0.0003	P	2.0
2	☐	1.000	0.921	3003.67	0.0004	P	3.4
3	☐	50.000	52.497	52491.78	0.0069	P	3.6
4	☐	125.000	129.157	128383.90	0.0166	P	1.8
5	☐	250.000	251.253	252655.70	0.0320	P	2.2
6	☐	500.000	500.071	507409.98	0.0634	P	0.1
7	☐	1000.000	999.007	1010135.00	0.1264	P	3.4
8	☐			2299.59	0.0003	P	1.3

$$y = 1.2626\text{E-}004 * x + 2.8119\text{E-}004$$

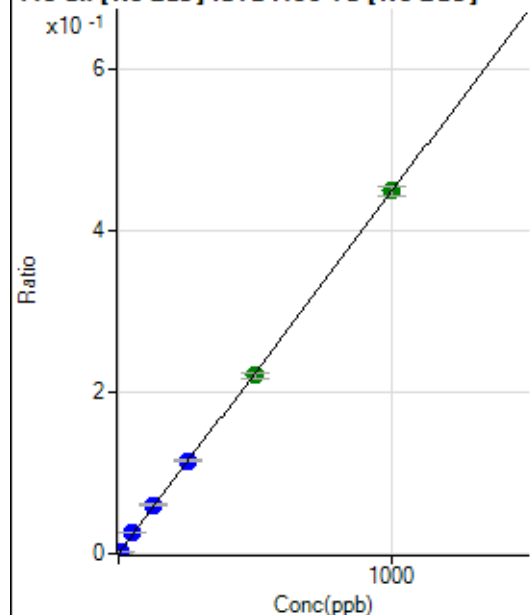
$$R = 1.0000$$

$$DL = 0.1318$$

$$BEC = 2.227$$

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	2166.91	0.0003	P	2.8
2	☐	5.000	5.003	19133.27	0.0025	P	1.7
3	☐	50.000	56.124	193391.61	0.0255	P	2.6
4	☐	125.000	134.252	468081.93	0.0605	P	1.2
5	☐	250.000	254.927	904549.80	0.1146	P	2.3
6	☐	500.000	491.011	1763717.38	0.2204	A	2.4
7	☐	1000.000	1001.800	3591443.09	0.4494	A	2.3
8	☐			1686.26	0.0002	P	7.2

$$y = 4.4833\text{E-}004 * x + 2.8876\text{E-}004$$

$$R = 0.9999$$

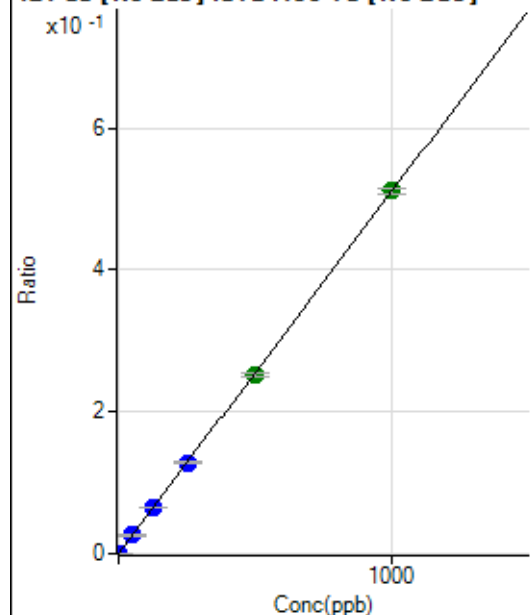
$$DL = 0.05393$$

$$BEC = 0.6441$$

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	47.22	0.0000	P	11.5
2	☐	2.000	1.915	7432.81	0.0010	P	0.7
3	☐	50.000	51.015	197907.45	0.0260	P	2.6
4	☐	125.000	126.782	500905.12	0.0647	P	0.4
5	☐	250.000	250.587	1009715.44	0.1279	P	2.1
6	☐	500.000	494.895	2021277.26	0.2526	A	1.6
7	☐	1000.000	1002.133	4088073.05	0.5115	A	1.4
8	☐			4025.74	0.0005	P	2.1

$$y = 5.1038\text{E-}004 * x + 6.2997\text{E-}006$$

$$R = 1.0000$$

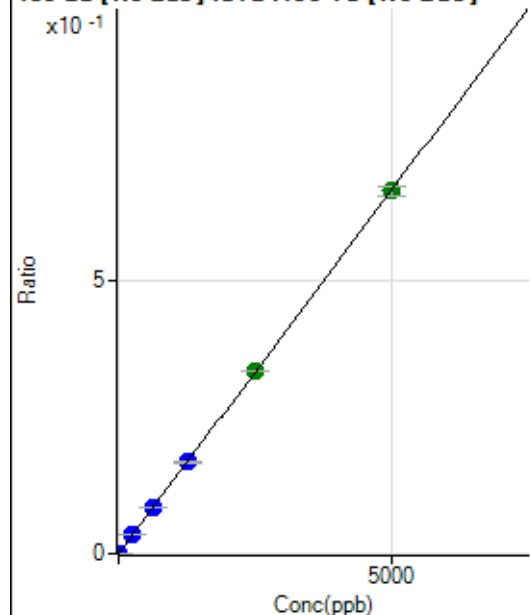
$$DL = 0.004271$$

$$BEC = 0.01234$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	47.22	0.0000	P	27.4
2	☐	10.000	9.615	9689.86	0.0013	P	1.8
3	☐	250.000	259.825	261973.28	0.0345	P	4.1
4	☐	625.000	636.932	654259.88	0.0845	P	1.1
5	☐	1250.000	1263.095	1323064.67	0.1676	P	2.7
6	☐	2500.000	2508.083	2662814.36	0.3328	A	0.2
7	☐	5000.000	4990.703	5292030.67	0.6622	A	2.4
8	☐			2161.35	0.0003	P	9.1

$$y = 1.3269\text{E-}004 * x + 6.3018\text{E-}006$$

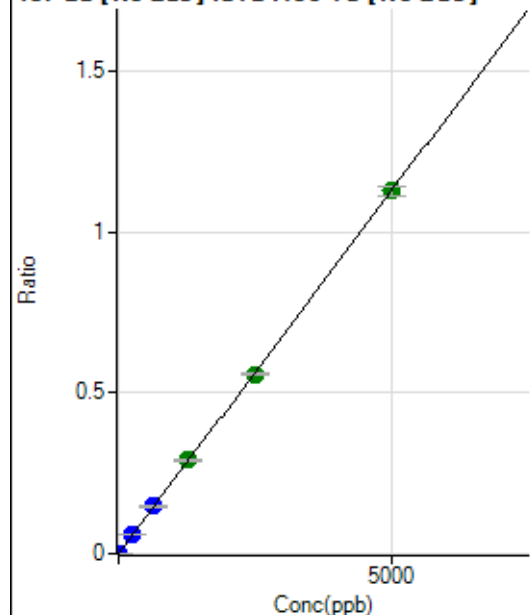
$$R = 1.0000$$

$$DL = 0.03899$$

$$BEC = 0.04749$$

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	91.67	0.0000	P	13.9
2	☐	10.000	9.475	16254.61	0.0022	P	0.9
3	☐	250.000	260.274	446328.93	0.0588	P	4.0
4	☐	625.000	652.978	1140657.80	0.1474	P	1.4
5	☐	1250.000	1289.328	2297492.80	0.2910	A	1.9
6	☐	2500.000	2474.957	4469008.39	0.5586	A	0.7
7	☐	5000.000	4998.680	9014988.40	1.1281	A	2.7
8	☐			3536.69	0.0005	P	9.7

$$y = 2.2569E-004 * x + 1.2191E-005$$

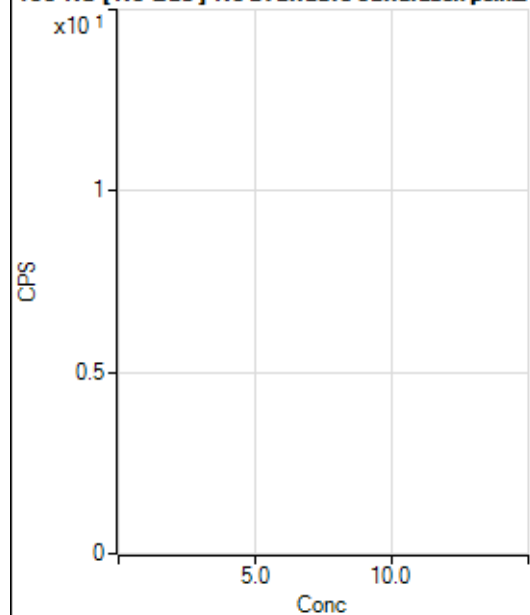
$$R = 0.9999$$

$$DL = 0.02247$$

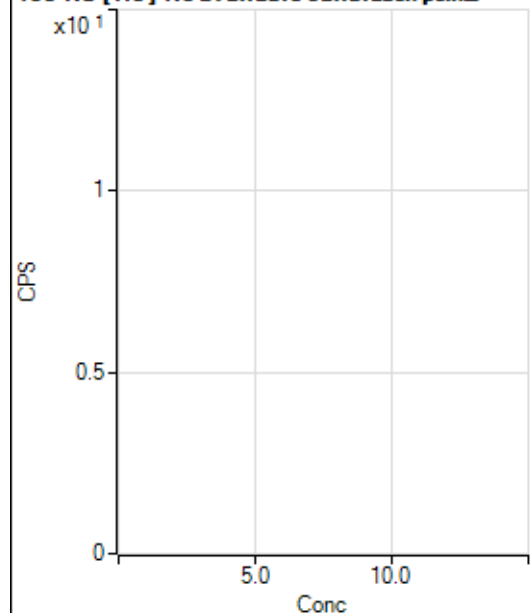
$$BEC = 0.05402$$

Weight: <None>

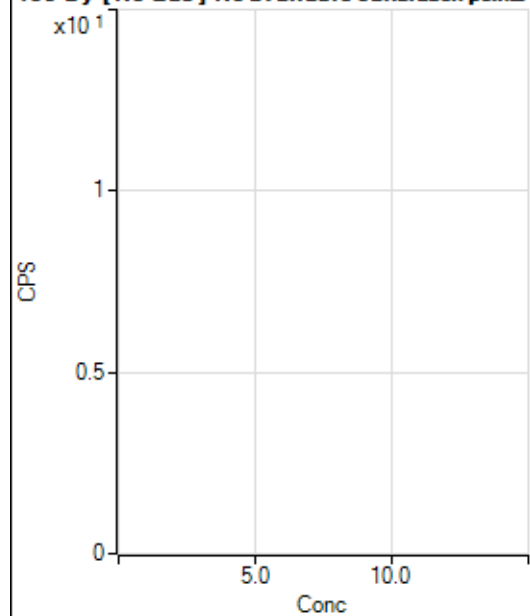
Min Conc: 0

150 Nd [No Gas] No available calibration points

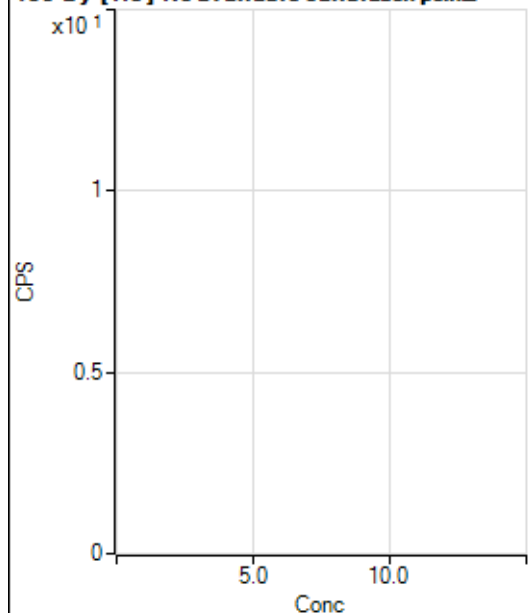
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	34.6
2	☐			8.89		P	43.3
3	☐			24.44		P	31.5
4	☐			48.89		P	56.8
5	☐			71.11		P	37.9
6	☐			171.12		P	15.7
7	☐			251.12		P	10.1
8	☐			26.67		P	50.0

150 Nd [He] No available calibration points

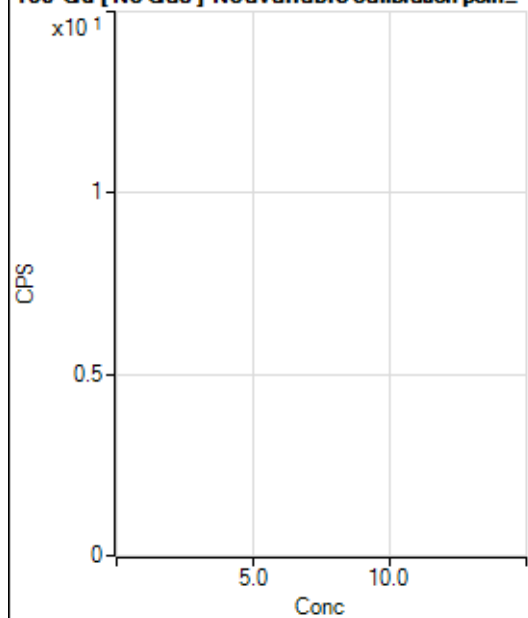
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			0.00		P	
3	☐			2.22		P	173.
4	☐			7.78		P	24.7
5	☐			11.11		P	45.8
6	☐			18.89		P	10.2
7	☐			24.44		P	20.8
8	☐			11.11		P	34.6

156 Dy [No Gas] No available calibration points

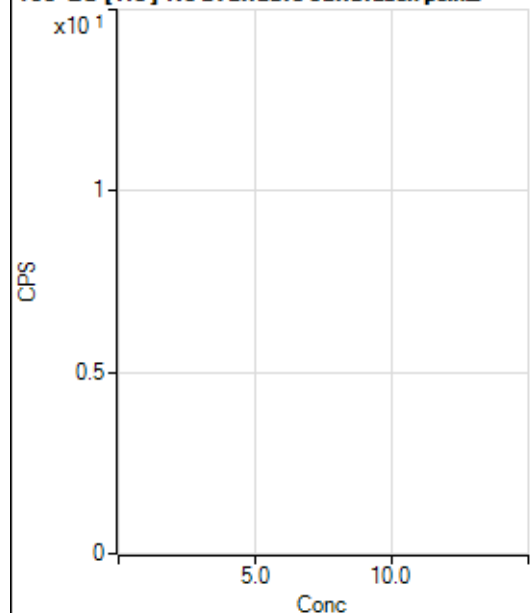
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.33		P	0.0
2	☐			19.45		P	24.7
3	☐			22.22		P	57.3
4	☐			33.33		P	25.0
5	☐			86.12		P	24.4
6	☐			113.89		P	4.2
7	☐			208.34		P	24.0
8	☐			752.82		P	10.2

156 Dy [He] No available calibration points

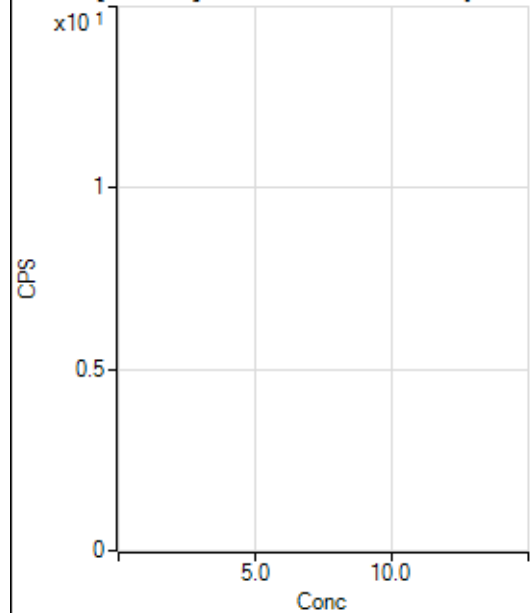
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			1.11		P	173.
3	☐			11.11		P	45.8
4	☐			24.44		P	7.9
5	☐			25.55		P	27.1
6	☐			73.33		P	16.4
7	☐			105.56		P	13.1
8	☐			304.45		P	9.4

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

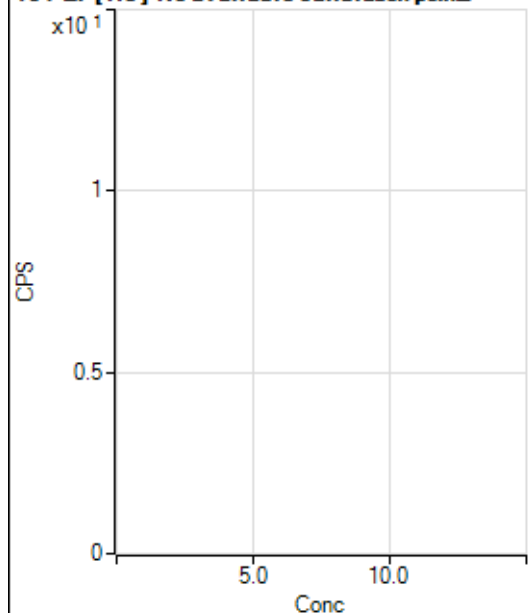
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			55.56		P	31.2
2	☐			55.56		P	17.3
3	☐			44.44		P	60.3
4	☐			80.56		P	23.9
5	☐			72.23		P	13.3
6	☐			175.01		P	21.8
7	☐			227.79		P	5.6
8	☐			619.48		P	7.4

160 Gd [He] No available calibration points

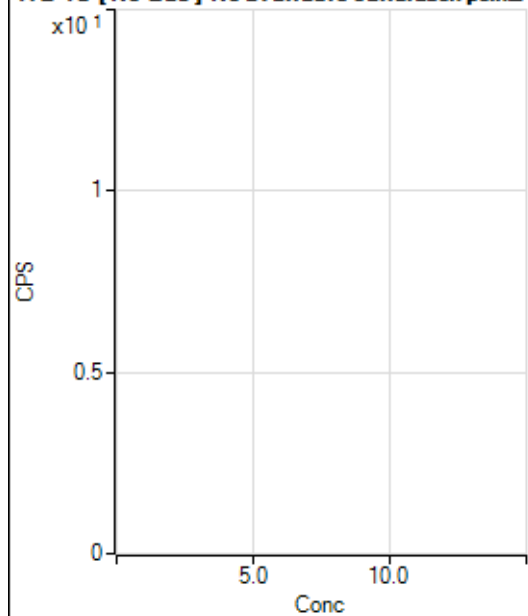
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			47.78		P	17.6
2	☐			64.44		P	23.3
3	☐			66.67		P	20.0
4	☐			70.00		P	21.8
5	☐			78.89		P	12.9
6	☐			107.78		P	14.6
7	☐			133.34		P	16.4
8	☐			345.56		P	9.5

164 Er [No Gas] No available calibration points

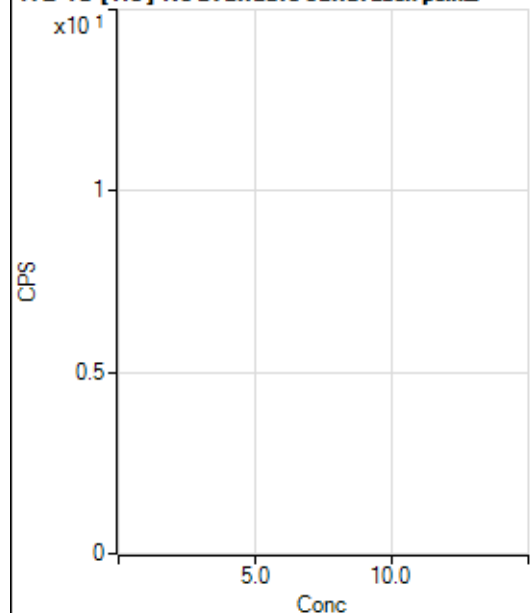
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			58.34		P	37.8
2	☐			55.56		P	17.3
3	☐			52.78		P	32.9
4	☐			63.89		P	61.6
5	☐			63.89		P	52.7
6	☐			88.89		P	37.9
7	☐			100.00		P	33.3
8	☐			161.12		P	26.5

164 Er [He] No available calibration points

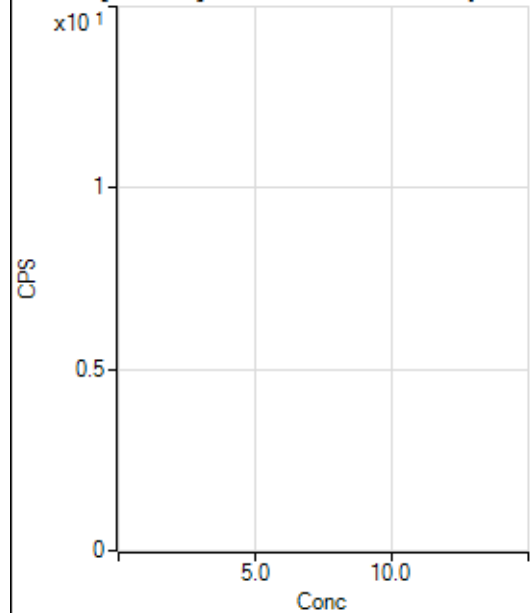
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			25.55		P	15.1
2	☐			30.00		P	40.1
3	☐			28.89		P	6.7
4	☐			28.89		P	13.3
5	☐			23.33		P	28.6
6	☐			41.11		P	37.5
7	☐			34.45		P	20.1
8	☐			74.44		P	6.8

172 Yb [No Gas] No available calibration points

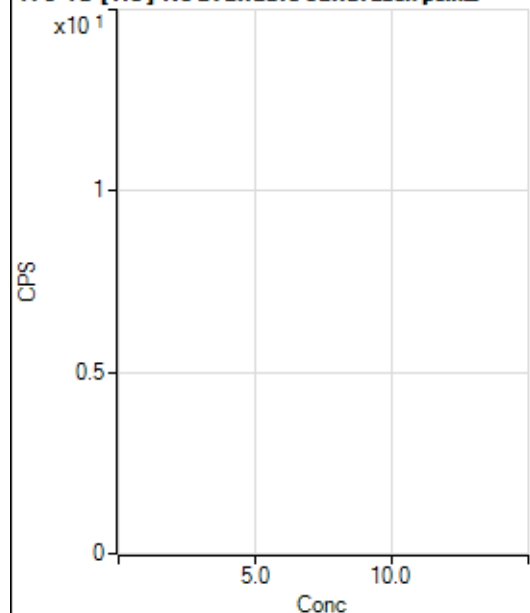
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			19.44		P	65.5
2	☐			47.22		P	36.7
3	☐			38.89		P	24.7
4	☐			19.44		P	65.5
5	☐			38.89		P	24.7
6	☐			25.00		P	66.7
7	☐			38.89		P	32.7
8	☐			55.56		P	31.2

172 Yb [He] No available calibration points

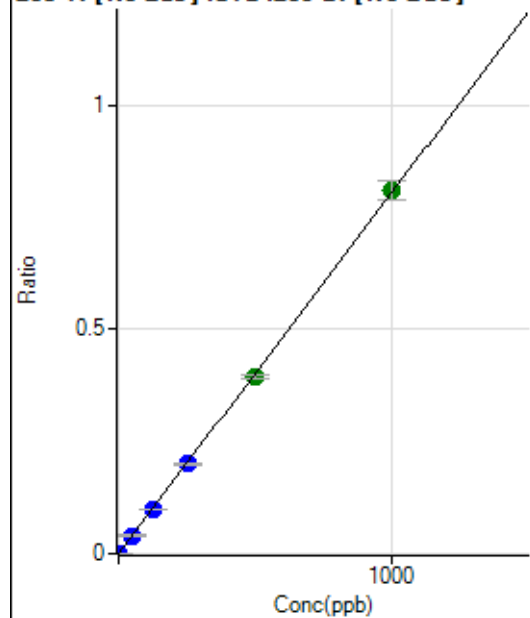
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			12.97		P	49.5
2	☐			7.41		P	114.
3	☐			14.82		P	57.3
4	☐			16.67		P	33.3
5	☐			14.81		P	43.3
6	☐			22.22		P	75.0
7	☐			12.96		P	65.4
8	☐			33.33		P	50.0

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			700.04		P	2.4
2	☐			844.50		P	8.0
3	☐			1536.25		P	5.8
4	☐			2316.93		P	6.0
5	☐			4261.93		P	4.9
6	☐			8144.43		P	3.2
7	☐			15504.02		P	4.2
8	☐			802.83		P	4.2

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3889.52		P	3.0
2	☐			3889.53		P	5.3
3	☐			4219.27		P	3.5
4	☐			4823.19		P	4.4
5	☐			5780.98		P	2.4
6	☐			7674.60		P	6.1
7	☐			10782.38		P	2.4
8	☐			3876.57		P	4.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	347.24	0.0001	P	37.7
2	☐	1.000	0.881	3239.37	0.0008	P	1.0
3	☐	50.000	49.944	165248.77	0.0402	P	3.4
4	☐	125.000	121.695	414705.85	0.0979	P	1.5
5	☐	250.000	249.038	849289.23	0.2003	P	2.7
6	☐	500.000	490.999	1712111.48	0.3948	A	2.2
7	☐	1000.000	1005.157	3540612.01	0.8081	A	5.5
8	☐			1075.08	0.0003	P	17.2

$$y = 8.0384E-004 * x + 8.5077E-005$$

$$R = 0.9999$$

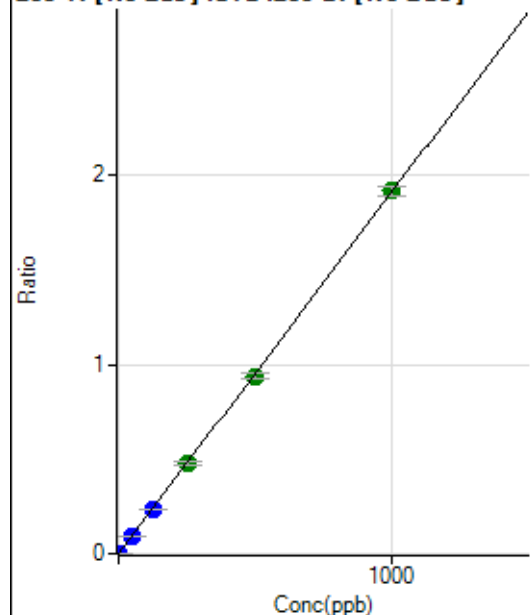
$$DL = 0.1198$$

$$BEC = 0.1058$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	697.26	0.0002	P	4.1
2	☐	1.000	0.866	7435.69	0.0018	P	4.8
3	☐	50.000	49.799	390719.69	0.0951	P	2.4
4	☐	125.000	121.144	979041.10	0.2311	P	1.0
5	☐	250.000	251.498	2033871.46	0.4796	A	3.7
6	☐	500.000	490.994	4060214.85	0.9362	A	2.8
7	☐	1000.000	1004.620	8398256.18	1.9154	A	2.6
8	☐			2461.43	0.0006	P	16.5

$$y = 0.0019 * x + 1.7029E-004$$

$$R = 0.9999$$

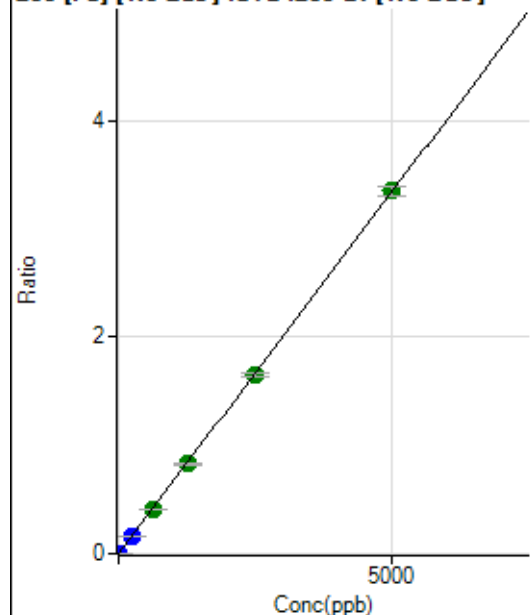
$$DL = 0.01107$$

$$BEC = 0.08932$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	670.40	0.0002	P	20.4
2	☐	1.000	0.888	3087.47	0.0008	P	8.7
3	☐	250.000	237.209	651379.12	0.1586	P	2.6
4	☐	625.000	606.863	1717364.32	0.4054	A	0.5
5	☐	1250.000	1246.523	3530596.17	0.8325	A	2.6
6	☐	2500.000	2468.084	7148288.93	1.6483	A	2.6
7	☐	5000.000	5019.734	14697312.37	3.3522	A	2.7
8	☐			8015.84	0.0020	P	9.9

$$y = 6.6776E-004 * x + 1.6332E-004$$

$$R = 1.0000$$

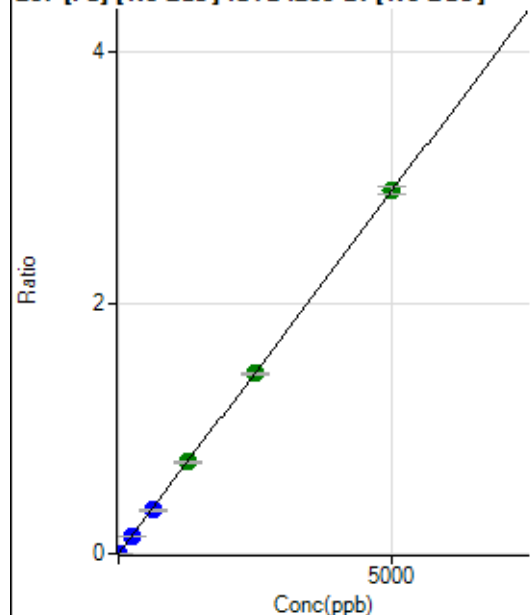
$$DL = 0.1497$$

$$BEC = 0.2446$$

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	553.73	0.0001	P	8.2
2	☐	1.000	0.892	2659.59	0.0007	P	9.3
3	☐	250.000	243.147	578268.81	0.1408	P	2.8
4	☐	625.000	599.263	1468710.71	0.3468	P	1.5
5	☐	1250.000	1266.193	3106546.68	0.7325	A	3.1
6	☐	2500.000	2484.071	6231890.13	1.4369	A	1.7
7	☐	5000.000	5007.476	12700828.18	2.8965	A	2.2
8	☐			7020.60	0.0017	P	11.6

$$y = 5.7840\text{E-}004 * x + 1.3533\text{E-}004$$

$$R = 1.0000$$

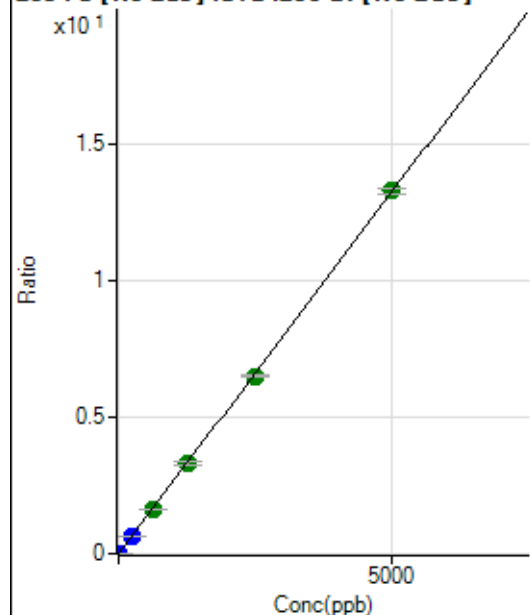
$$DL = 0.05751$$

$$BEC = 0.234$$

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	2553.85	0.0006	P	2.9
2	☐	1.000	0.886	12124.68	0.0030	P	3.5
3	☐	250.000	243.900	2654185.05	0.6461	P	2.4
4	☐	625.000	618.643	6937723.72	1.6378	A	0.8
5	☐	1250.000	1251.387	14047921.20	3.3123	A	3.3
6	☐	2500.000	2460.617	28244097.80	6.5125	A	1.7
7	☐	5000.000	5020.444	58265326.88	13.2869	A	1.9
8	☐			32569.03	0.0081	P	8.3

$$y = 0.0026 * x + 6.2369\text{E-}004$$

$$R = 1.0000$$

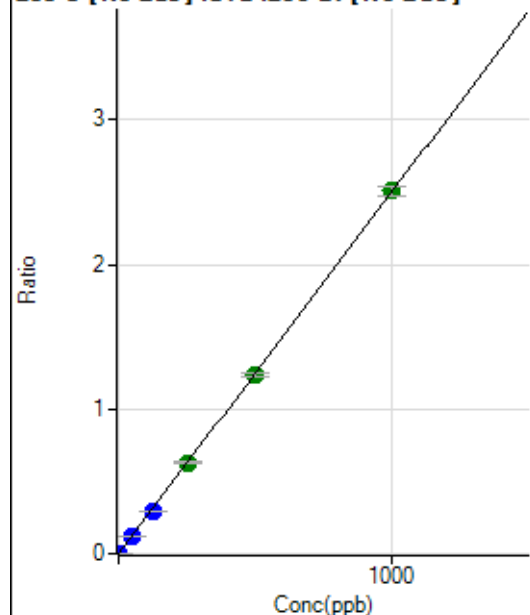
$$DL = 0.02064$$

$$BEC = 0.2357$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	13.89	0.0000	P	34.2
2	☐	1.000	0.845	8639.31	0.0021	P	1.2
3	☐	50.000	48.724	500122.75	0.1218	P	3.3
4	☐	125.000	117.286	1241618.85	0.2931	P	0.8
5	☐	250.000	252.066	2671688.91	0.6299	A	2.0
6	☐	500.000	492.877	5341458.24	1.2316	A	2.1
7	☐	1000.000	1004.073	11001710.23	2.5090	A	2.3
8	☐			2083.57	0.0005	P	23.6

$$y = 0.0025 * x + 3.3886E-006$$

$$R = 0.9999$$

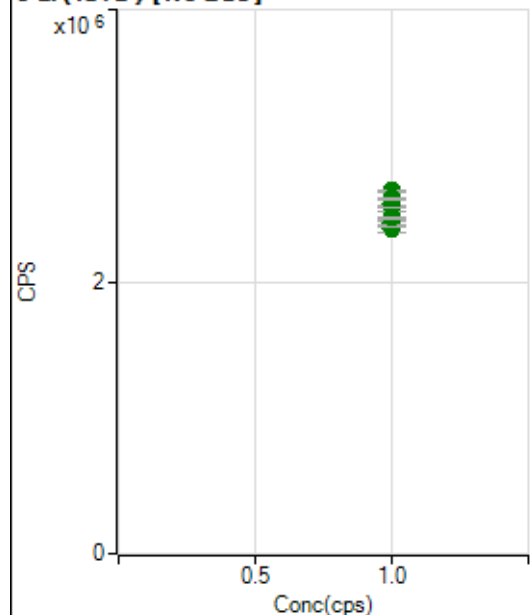
$$DL = 0.001393$$

$$BEC = 0.001356$$

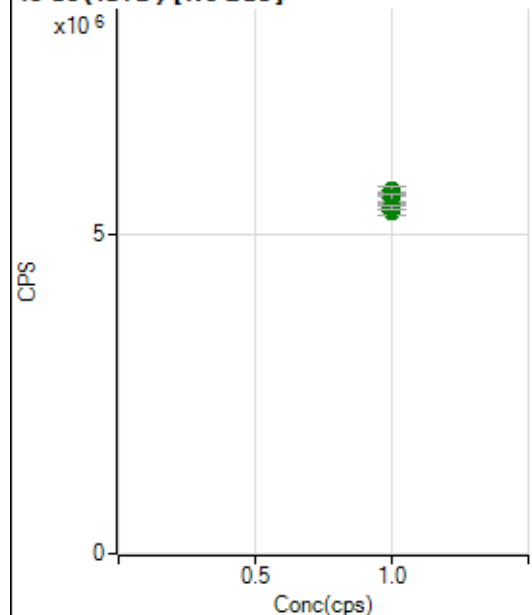
Weight: <None>

Min Conc: 0

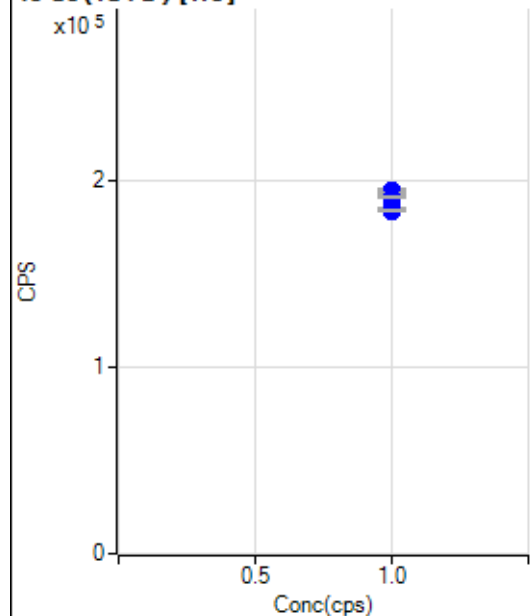
6 Li (ISTD) [No Gas]



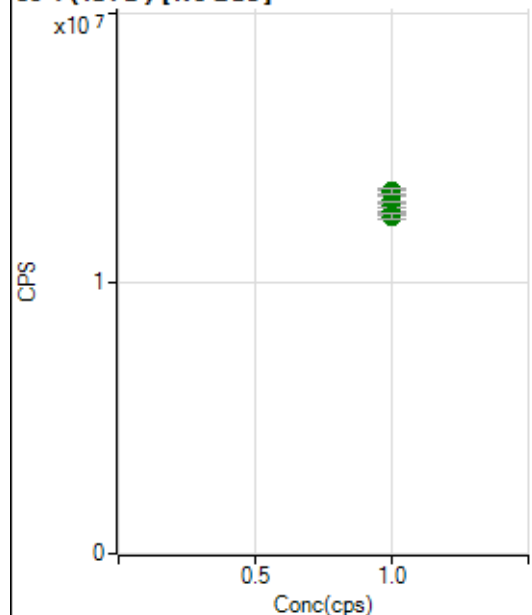
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2393472.75		A	2.3
2	☐	1.000		2433565.05		A	1.8
3	☐	1.000		2411362.67		A	0.5
4	☐	1.000		2541450.45		A	1.2
5	☐	1.000		2575480.91		A	1.9
6	☐	1.000		2670679.27		A	0.9
7	☐	1.000		2613476.11		A	0.2
8	☐	1.000		2471396.78		A	0.5

45 Sc (ISTD) [No Gas]

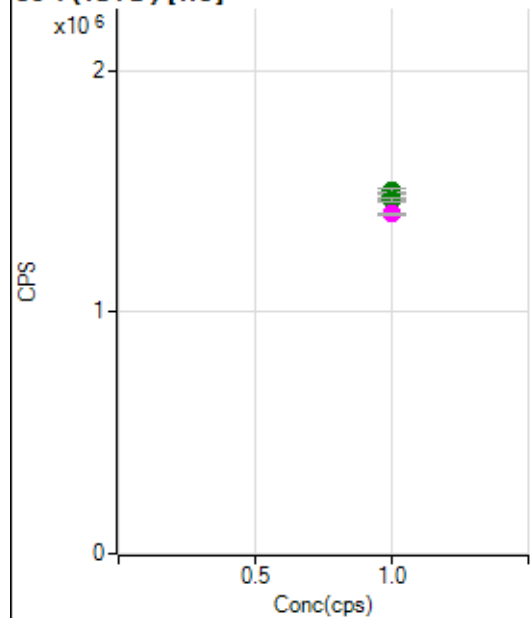
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5433617.80		A	1.7
2	☐	1.000		5440541.65		A	1.3
3	☐	1.000		5357975.41		A	1.5
4	☐	1.000		5577885.23		A	2.6
5	☐	1.000		5458005.48		A	0.1
6	☐	1.000		5684259.08		A	2.6
7	☐	1.000		5566278.56		A	2.2
8	☐	1.000		5417262.70		A	1.4

45 Sc (ISTD) [He]

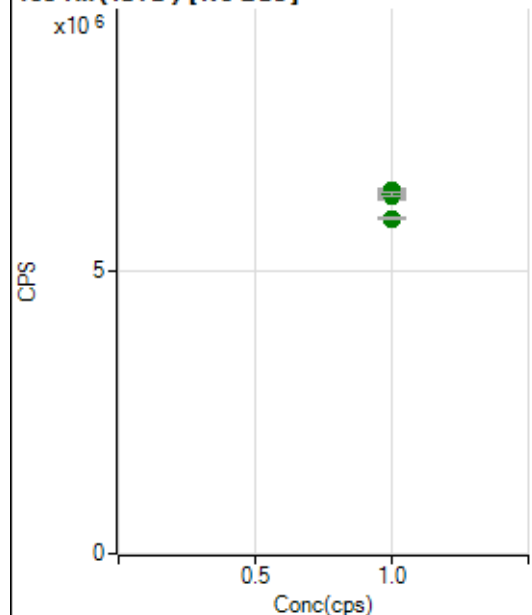
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		193599.11		P	1.3
2	☐	1.000		192793.81		P	1.3
3	☐	1.000		194913.17		P	1.0
4	☐	1.000		194952.75		P	0.2
5	☐	1.000		194050.83		P	0.6
6	☐	1.000		191411.47		P	0.8
7	☐	1.000		185611.45		P	1.0
8	☐	1.000		184424.79		P	0.9

89 Y (ISTD) [No Gas]

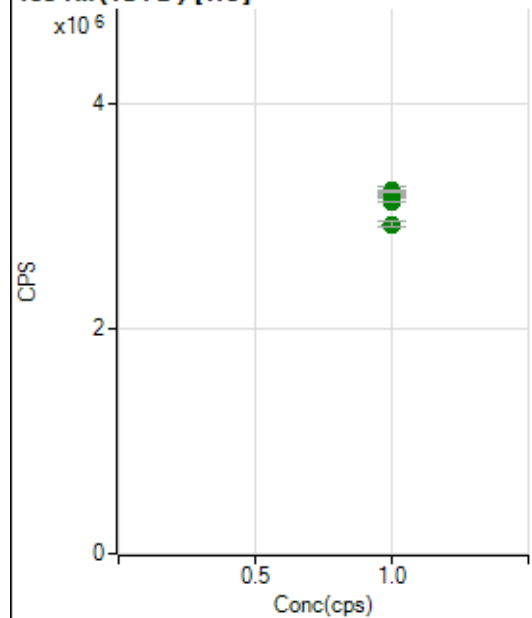
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12852937.31		A	3.0
2	☐	1.000		12525098.98		A	0.3
3	☐	1.000		12658774.95		A	2.4
4	☐	1.000		12898923.28		A	1.0
5	☐	1.000		13123545.78		A	1.6
6	☐	1.000		13408753.27		A	1.1
7	☐	1.000		13426088.55		A	1.4
8	☐	1.000		12475061.90		A	1.7

89 Y (ISTD) [He]

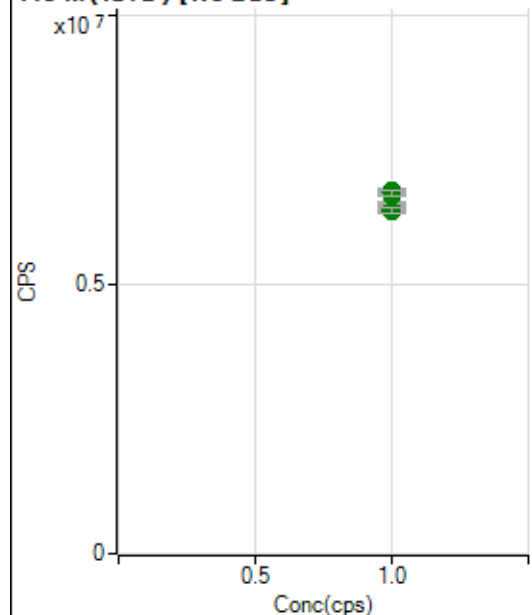
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1485560.85		M	1.8
2	☐	1.000		1464053.76		A	0.5
3	☐	1.000		1483494.20		A	2.2
4	☐	1.000		1474351.12		A	1.5
5	☐	1.000		1484945.11		A	1.4
6	☐	1.000		1502231.24		A	1.1
7	☐	1.000		1464800.83		A	1.1
8	☐	1.000		1407795.53		M	0.4

103 Rh (ISTD) [No Gas]

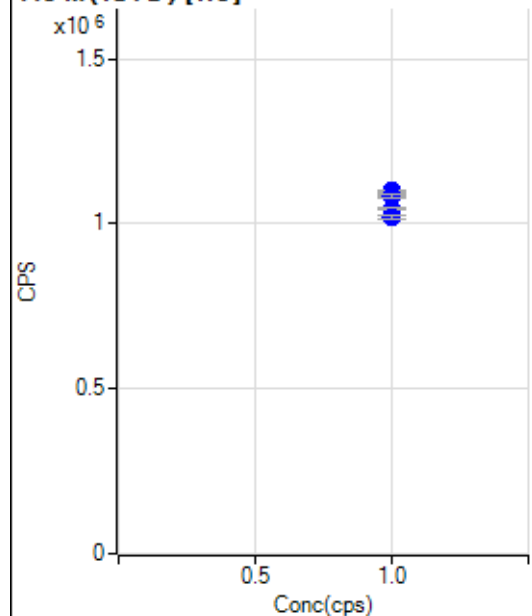
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6374140.85		A	2.8
2	☐	1.000		6316135.69		A	0.4
3	☐	1.000		6322400.05		A	1.7
4	☐	1.000		6357293.33		A	1.5
5	☐	1.000		6419434.82		A	0.7
6	☐	1.000		6410032.61		A	1.0
7	☐	1.000		6371693.33		A	0.8
8	☐	1.000		5927705.38		A	0.3

103 Rh (ISTD) [He]

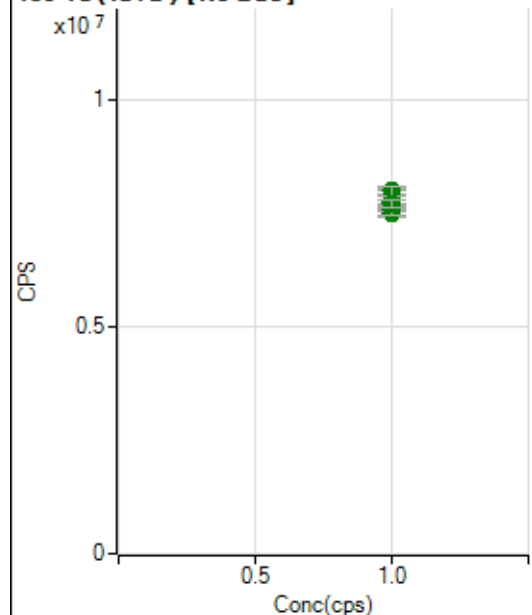
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3212569.85		A	0.6
2	☐	1.000		3209255.99		A	1.5
3	☐	1.000		3184536.17		A	1.6
4	☐	1.000		3220819.50		A	2.0
5	☐	1.000		3202278.18		A	1.5
6	☐	1.000		3215008.56		A	0.3
7	☐	1.000		3122634.64		A	0.1
8	☐	1.000		2926632.28		A	1.9

115 In (ISTD) [No Gas]

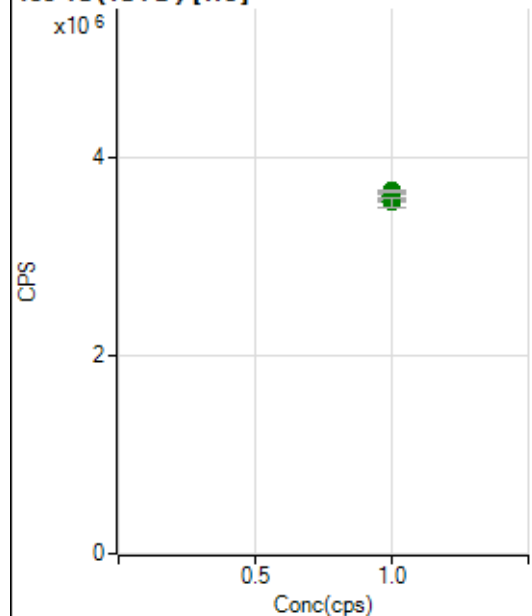
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6461262.30		A	2.7
2	☐	1.000		6391320.70		A	2.2
3	☐	1.000		6434635.73		A	2.1
4	☐	1.000		6656727.84		A	1.0
5	☐	1.000		6714519.69		A	0.8
6	☐	1.000		6734253.63		A	0.9
7	☐	1.000		6694896.22		A	1.1
8	☐	1.000		6369296.84		A	1.8

115 In (ISTD) [He]

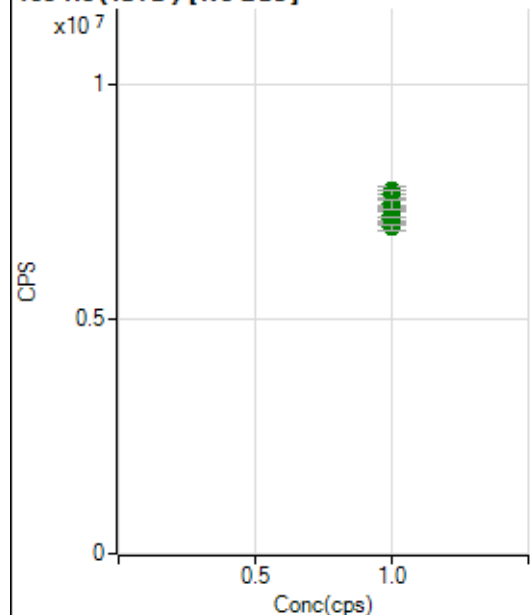
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1099979.78		P	0.6
2	☐	1.000		1089021.36		P	0.8
3	☐	1.000		1089954.51		P	0.9
4	☐	1.000		1098943.89		P	0.4
5	☐	1.000		1083109.52		P	0.7
6	☐	1.000		1085267.00		P	1.1
7	☐	1.000		1046103.82		P	0.6
8	☐	1.000		1020538.80		P	0.9

159 Tb (ISTD) [No Gas]

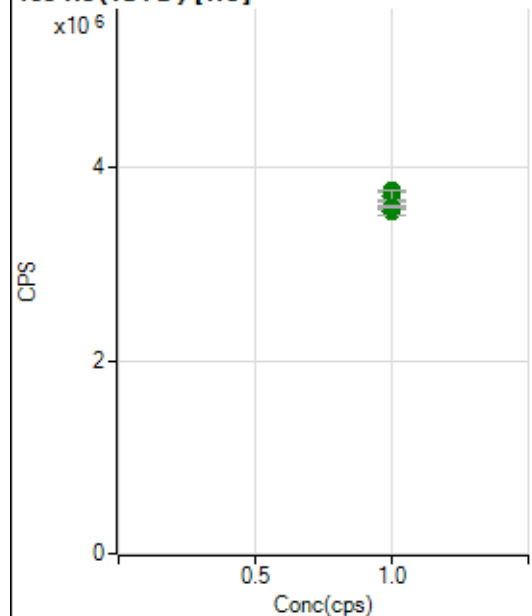
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7504955.30		A	2.1
2	☐	1.000		7557775.30		A	0.7
3	☐	1.000		7602762.04		A	3.1
4	☐	1.000		7740665.44		A	1.6
5	☐	1.000		7897456.83		A	2.7
6	☐	1.000		8001047.66		A	1.4
7	☐	1.000		7994187.45		A	2.5
8	☐	1.000		7725990.16		A	1.9

159 Tb (ISTD) [He]

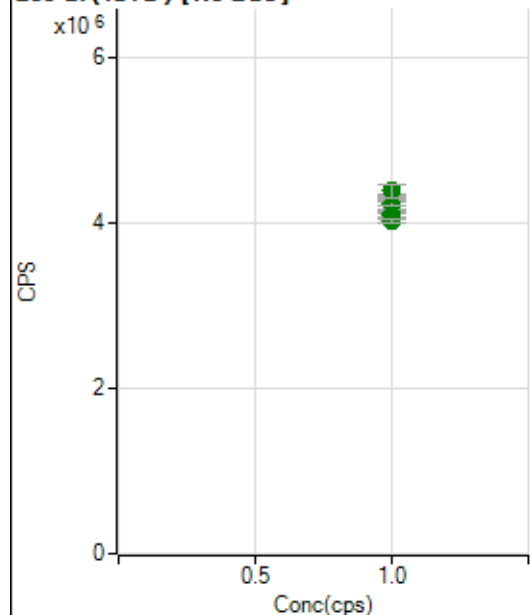
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3588312.27		A	0.5
2	☐	1.000		3610307.86		A	1.9
3	☐	1.000		3572770.54		A	0.8
4	☐	1.000		3595879.36		A	1.9
5	☐	1.000		3621962.62		A	1.1
6	☐	1.000		3665132.62		A	0.9
7	☐	1.000		3668745.81		A	0.6
8	☐	1.000		3552636.30		A	2.8

165 Ho (ISTD) [No Gas]

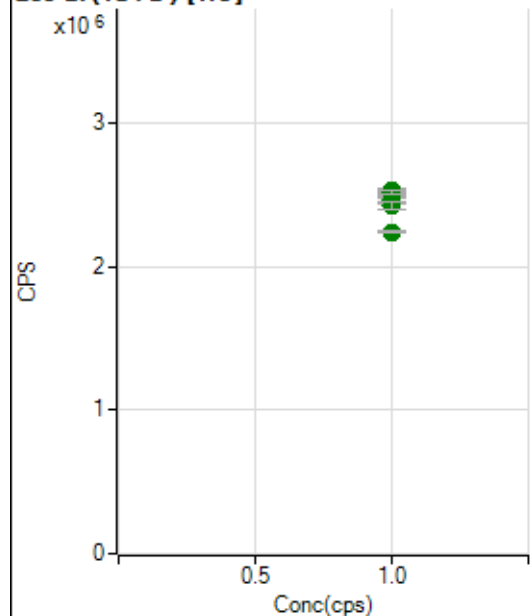
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7103547.90		A	1.2
2	☐	1.000		7010088.26		A	1.0
3	☐	1.000		6943072.90		A	2.1
4	☐	1.000		7215825.16		A	1.9
5	☐	1.000		7382438.01		A	0.9
6	☐	1.000		7718485.24		A	2.2
7	☐	1.000		7647671.61		A	2.0
8	☐	1.000		7438757.37		A	2.8

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3600812.34		A	0.6
2	☐	1.000		3545274.29		A	2.0
3	☐	1.000		3601040.12		A	2.3
4	☐	1.000		3612049.18		A	2.0
5	☐	1.000		3696205.81		A	2.1
6	☐	1.000		3754785.43		A	0.8
7	☐	1.000		3710459.77		A	2.9
8	☐	1.000		3588565.57		A	0.8

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4093514.42		A	2.1
2	☐	1.000		4084536.92		A	1.2
3	☐	1.000		4109475.84		A	2.2
4	☐	1.000		4236124.90		A	1.2
5	☐	1.000		4241428.03		A	1.4
6	☐	1.000		4337216.15		A	0.6
7	☐	1.000		4387100.52		A	3.5
8	☐	1.000		4021297.13		A	1.3

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2502109.77		A	0.9
2	☐	1.000		2526165.03		A	1.8
3	☐	1.000		2463518.64		A	1.9
4	☐	1.000		2457882.19		A	1.1
5	☐	1.000		2449265.73		A	0.2
6	☐	1.000		2517750.46		A	1.2
7	☐	1.000		2423628.37		A	2.6
8	☐	1.000		2239792.64		A	0.6

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P8121921 MS.b
Acq. Date-Time 2021-12-19 11:33:11
Report Comment ---
Instrument Name G8403A SG19224459

[No Gas]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
9		8387	83871.92			0.593	5.000
24		75803	758032.11			1.086	5.000
25		10298	102981.49			0.453	5.000
26		11737	117368.65			0.387	5.000
59		18601	186006.01			0.484	5.000
113		7310	73103.99			0.521	5.000
115		24380	243799.54			0.539	5.000
206		9189	91893.23			0.802	5.000
207		7710	77097.88			0.792	5.000
208		19025	190245.60			0.809	5.000
220		1	7.40			28.825	

Mass	RSD% (Flag)
9	
24	
25	
26	
59	
113	
115	
206	
207	
208	
220	

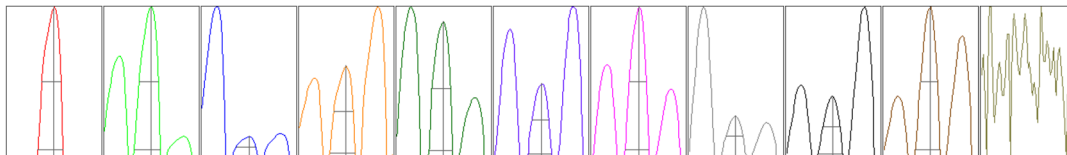
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	8340	8462	8401	8345	8388
24	74651	75704	75518	76336	76806
25	10238	10353	10293	10335	10271
26	11672	11790	11713	11759	11750
59	18523	18559	18528	18672	18721
113	7308	7334	7249	7348	7314
115	24457	24517	24299	24193	24433
206	9114	9289	9143	9157	9243
207	7657	7774	7642	7709	7767
208	18843	19192	18961	18948	19179

US EPA Tune Check Report

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
220	1	0	1	1	1

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	14848.75	9.00	8.90 - 9.10	
24	131666.18	24.00	23.90 - 24.10	
25	17730.60	25.05	24.90 - 25.10	
26	20499.88	26.00	25.90 - 26.10	
59	33988.05	59.00	58.90 - 59.10	
113	14313.36	113.05	112.90 - 113.10	
115	47819.35	115.05	114.90 - 115.10	
206	17681.68	206.00	205.90 - 206.10	
207	14796.49	207.00	206.90 - 207.10	
208	36753.20	208.00	207.90 - 208.10	
220			-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.60	0.783	0.900	
24	0.61	0.824	0.900	
25	0.61	0.786	0.900	
26	0.61	0.793	0.900	
59	0.58	0.741	0.900	
113	0.53	0.732	0.900	
115	0.53	0.761	0.900	
206	0.53	0.775	0.900	
207	0.53	0.777	0.900	
208	0.53	0.775	0.900	
220				

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.73 L/min Dilution Gas 0.40 L/min

US EPA Tune Check Report

RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.40 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	10.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	-6.0 V	Omega Lens	9.4 V	Deflect	15.0 V
Extract 2	-250.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-115 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	4.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	200 V		

QP Parameters

Mass Gain	123	Axis Gain	0.9991	QP Bias	-4.0 V
Mass Offset	124	Axis Offset	0.00		

Hardware Settings

Torch

Torch H	0.9 mm	Torch V	-0.8 mm

EM

Discriminator	4.1 mV	Analog HV	2268 V	Pulse HV	1587 V

[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		4575	45747.05			1.357	
89		14057	140573.78			1.254	
205		19688	196879.10			1.523	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	4480	4588	4648	4600	4558
89	13795	14181	14233	14105	13973
205	19267	19952	19912	19828	19481

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.75 L/min	Dilution Gas	0.40 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.40 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	10.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	-6.0 V	Omega Lens	9.4 V	Deflect	5.0 V

US EPA Tune Check Report

Extract 2	-250.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-115 V	Cell Exit	-70 V		
Cell Parameters					
Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	4.5 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		
QP Parameters					
Mass Gain	123	Axis Gain	0.9991	QP Bias	-13.0 V
Mass Offset	124	Axis Offset	0.00		
Hardware Settings					
Torch					
Torch H	0.9 mm	Torch V	-0.8 mm		
EM					
Discriminator	4.1 mV	Analog HV	2268 V	Pulse HV	1587 V

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE084	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 11:36:08	DataFile Name :	001SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2						ppb
Antimony	121-1						ppb
Arsenic	75-2						ppb
Barium	135-1						ppb
Barium	137-1						ppb
Beryllium	9-1						ppb
Bismuth	209-1				100		%
Bismuth	209-2				97		%
Boron	10-1						ppb
Boron	11-1						ppb
Bromine	81-1						cps
Cadmium	111-1						ppb
Cadmium	106-1						ppb
Cadmium	108-1						ppb
Calcium	43-1						ppb
Calcium	44-1						ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2						ppb
Cobalt	59-2						ppb
Copper	63-2						ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				97		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	54-2						ppb
Iron	56-2						ppb
Iron	57-2						ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE084	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 11:36:08	DataFile Name :	001SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1						ppb
Lead	207-1						ppb
Lead	208-1						ppb
Lithium	6-1				101		%
Magnesium	24-2						ppb
Manganese	55-2						ppb
Molybdenum	94-1						ppb
Molybdenum	95-1						ppb
Molybdenum	96-1						ppb
Molybdenum	97-1						ppb
Molybdenum	98-1						ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2						ppb
Phosphorus	31-2						ppb
Potassium	39-2						ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				96		%
Selenium	82-1						ppb
Selenium	77-2						ppb
Selenium	78-2						ppb
Silicon	28-1						ppb
Silver	107-1						ppb
Silver	109-1						ppb
Sodium	23-2						ppb
Strontium	86-1						ppb
Strontium	88-1						ppb
Sulfur	34-1						ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1						ppb
Thallium	205-1						ppb
Tin	118-1						ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE084	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 11:36:08	DataFile Name :	001SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1						ppb
Uranium	238-1						ppb
Vanadium	51-2						ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				97		%
Zinc	66-2						ppb
Zirconium	90-1						ppb
Zirconium	91-1						ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 12:12:30	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.06	-0.20	0.14	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.03	0.05	-0.02	0.00	N/A	ppb
Barium	135-1	0.00	-0.01	0.01	0.00	N/A	ppb
Barium	137-1	-0.01	0.00	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	0.00	-0.01	0.01	0.00	N/A	ppb
Boron	11-1	0.10	-0.12	0.01	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	111-1	0.01	-0.05	0.04	0.00	N/A	ppb
Cadmium	106-1	-0.20	-0.18	0.39	0.00	N/A	ppb
Cadmium	108-1	-0.22	0.39	-0.17	0.00	N/A	ppb
Calcium	43-1	-1.71	1.28	0.42	0.00	N/A	ppb
Calcium	44-1	-1.54	2.61	-1.07	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	-0.02	-0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	-0.03	0.00	0.03	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	54-2	-0.33	0.57	-0.24	0.00	N/A	ppb
Iron	56-2	0.10	-0.14	0.04	0.00	N/A	ppb
Iron	57-2	-0.81	-0.50	1.31	0.00	N/A	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 12:12:30	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	-0.04	-0.02	0.06	0.00	N/A	ppb
Lead	207-1	-0.02	0.02	0.00	0.00	N/A	ppb
Lead	208-1	-0.01	0.00	0.01	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.64	-0.49	-0.15	0.00	N/A	ppb
Manganese	55-2	-0.03	-0.01	0.04	0.00	N/A	ppb
Molybdenum	94-1	-0.05	0.02	0.03	0.00	N/A	ppb
Molybdenum	95-1	0.00	-0.01	0.01	0.00	N/A	ppb
Molybdenum	96-1	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	98-1	0.01	-0.01	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.00	-0.02	0.00	N/A	ppb
Phosphorus	31-2	-22.49	-15.33	-17.89	-18.57		ppb
Potassium	39-2	0.30	3.47	-3.77	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.47	0.22	-0.69	0.00	N/A	ppb
Selenium	77-2	1.35	-1.33	-0.02	0.00	N/A	ppb
Selenium	78-2	0.18	-0.57	0.39	0.00	N/A	ppb
Silicon	28-1	-3.90	-0.20	4.10	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.01	0.00	N/A	ppb
Silver	109-1	0.00	0.01	-0.01	0.00	N/A	ppb
Sodium	23-2	0.19	-2.62	2.43	0.00	N/A	ppb
Strontium	86-1	0.05	-0.11	0.06	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-364.68	301.21	144.55	27.03	1288.10	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.04	-0.01	-0.03	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.01	0.01	-0.02	0.00	N/A	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 12:12:30	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.01	0.01	-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
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.03	-0.02	0.05	0.00	N/A	ppb
Zirconium	90-1	0.00	-0.01	0.01	0.00	N/A	ppb
Zirconium	91-1	0.01	0.00	-0.01	0.00	N/A	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 12:18:39	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.68	20.51	19.93	20.04	2.12	ppb
Antimony	121-1	1.93	1.91	1.91	1.91	0.66	ppb
Arsenic	75-2	1.00	0.95	0.92	0.96	3.96	ppb
Barium	135-1	9.47	9.57	9.81	9.62	1.79	ppb
Barium	137-1	9.52	9.53	9.37	9.48	0.92	ppb
Beryllium	9-1	1.01	1.06	1.02	1.03	2.76	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	10-1	21.72	23.15	23.85	22.91	4.73	ppb
Boron	11-1	21.81	22.42	24.59	22.94	6.38	ppb
Bromine	81-1						cps
Cadmium	111-1	0.85	0.87	1.04	0.92	11.52	ppb
Cadmium	106-1	-0.90	-1.41	1.07	-0.41		ppb
Cadmium	108-1	0.85	0.46	1.27	0.86	47.45	ppb
Calcium	43-1	472.34	466.23	461.58	466.72	1.16	ppb
Calcium	44-1	473.87	479.93	476.47	476.76	0.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.89	1.68	1.95	1.84	7.69	ppb
Cobalt	59-2	1.01	1.04	0.89	0.98	8.18	ppb
Copper	63-2	1.92	1.99	1.93	1.95	2.05	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				99		%
Holmium	165-2				98		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	54-2	50.38	50.82	56.16	52.45	6.13	ppb
Iron	56-2	48.70	50.26	50.47	49.81	1.94	ppb
Iron	57-2	56.03	47.58	54.96	52.85	8.71	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 12:18:39	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.78	0.93	0.96	0.89	11.06	ppb
Lead	207-1	0.79	0.90	0.99	0.89	11.69	ppb
Lead	208-1	0.84	0.89	0.92	0.89	4.43	ppb
Lithium	6-1				102		%
Magnesium	24-2	530.52	514.45	525.53	523.50	1.57	ppb
Manganese	55-2	0.91	0.84	1.04	0.93	10.88	ppb
Molybdenum	94-1	5.75	5.79	6.08	5.87	3.08	ppb
Molybdenum	95-1	5.01	5.20	5.18	5.13	2.06	ppb
Molybdenum	96-1	5.29	5.17	5.23	5.23	1.19	ppb
Molybdenum	97-1	5.05	5.05	5.10	5.07	0.52	ppb
Molybdenum	98-1	5.31	5.05	5.04	5.14	2.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.95	0.94	0.86	0.92	5.75	ppb
Phosphorus	31-2	20.56	16.61	18.54	18.57	10.62	ppb
Potassium	39-2	508.71	508.75	532.38	516.61	2.64	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	4.12	3.91	3.98	4.00	2.69	ppb
Selenium	77-2	5.33	5.34	2.70	4.46	34.07	ppb
Selenium	78-2	5.97	2.69	5.49	4.71	37.57	ppb
Silicon	28-1	12.20	11.28	9.73	11.07	11.25	ppb
Silver	107-1	0.94	0.96	0.93	0.94	1.57	ppb
Silver	109-1	0.93	0.94	0.95	0.94	1.17	ppb
Sodium	23-2	498.21	505.51	495.08	499.60	1.07	ppb
Strontium	86-1	0.86	0.90	1.09	0.95	12.81	ppb
Strontium	88-1	1.00	0.97	1.00	0.99	1.43	ppb
Sulfur	34-1	109.19	-20.26	-170.02	-27.03		ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	0.89	0.87	0.88	0.88	1.07	ppb
Thallium	205-1	0.83	0.86	0.92	0.87	5.27	ppb
Tin	118-1	4.98	4.92	5.11	5.00	1.90	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 12:18:39	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.22	4.39	4.70	4.77	8.83	ppb
Uranium	238-1	0.85	0.85	0.83	0.85	1.24	ppb
Vanadium	51-2	4.77	4.55	4.86	4.73	3.37	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				99		%
Zinc	66-2	2.04	2.22	2.12	2.13	4.12	ppb
Zirconium	90-1	0.95	1.01	0.93	0.96	4.77	ppb
Zirconium	91-1	0.94	0.97	1.06	0.99	6.29	ppb

LB Number : LB117894 Operator : Jaswal
 Lab Sample ID : S03 Instrumnet Name : P8
 Client Sample ID : S03 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-19 12:21:44 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1098.28	1095.46	1104.22	1099.32	0.41	ppb
Antimony	121-1	50.12	50.36	52.56	51.02	2.64	ppb
Arsenic	75-2	53.19	50.13	53.68	52.33	3.68	ppb
Barium	135-1	247.55	265.86	266.07	259.83	4.09	ppb
Barium	137-1	248.67	263.90	268.25	260.27	3.95	ppb
Beryllium	9-1	52.90	53.55	53.94	53.46	0.99	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Boron	10-1	47.48	50.79	52.34	50.20	4.94	ppb
Boron	11-1	47.73	51.68	52.00	50.47	4.71	ppb
Bromine	81-1						cps
Cadmium	111-1	50.35	52.97	54.17	52.50	3.72	ppb
Cadmium	106-1	45.54	52.80	54.29	50.88	9.20	ppb
Cadmium	108-1	52.58	52.54	56.27	53.80	3.98	ppb
Calcium	43-1	5687.30	5487.91	5600.82	5592.01	1.79	ppb
Calcium	44-1	5603.72	5430.87	5573.60	5536.06	1.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	50.22	50.69	51.91	50.94	1.71	ppb
Cobalt	59-2	51.53	50.25	50.87	50.88	1.26	ppb
Copper	63-2	522.05	522.68	527.70	524.15	0.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	54-2	2786.71	2752.10	2804.72	2781.17	0.96	ppb
Iron	56-2	2775.84	2743.94	2765.23	2761.67	0.59	ppb
Iron	57-2	2721.71	2685.38	2733.01	2713.37	0.92	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 12:21:44	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	234.20	233.11	244.31	237.21	2.60	ppb
Lead	207-1	239.15	239.17	251.12	243.15	2.84	ppb
Lead	208-1	240.77	240.26	250.68	243.90	2.41	ppb
Lithium	6-1				101		%
Magnesium	24-2	5742.15	5529.12	5656.20	5642.49	1.90	ppb
Manganese	55-2	508.02	503.74	523.59	511.78	2.04	ppb
Molybdenum	94-1	595.60	577.90	606.28	593.26	2.42	ppb
Molybdenum	95-1	594.09	577.20	591.83	587.71	1.56	ppb
Molybdenum	96-1	576.39	564.47	599.52	580.13	3.07	ppb
Molybdenum	97-1	595.75	577.82	637.88	603.82	5.11	ppb
Molybdenum	98-1	578.12	563.39	604.57	582.03	3.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.31	50.83	52.74	51.96	1.93	ppb
Phosphorus	31-2	989.30	1019.15	1045.50	1017.99	2.76	ppb
Potassium	39-2	2751.58	2782.38	2851.88	2795.28	1.84	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				101		%
Selenium	82-1	55.78	51.86	54.27	53.97	3.67	ppb
Selenium	77-2	50.12	54.21	47.28	50.54	6.89	ppb
Selenium	78-2	52.51	53.85	51.46	52.61	2.28	ppb
Silicon	28-1	83.41	77.78	80.85	80.68	3.50	ppb
Silver	107-1	50.33	53.08	55.04	52.82	4.47	ppb
Silver	109-1	49.50	52.38	54.54	52.14	4.85	ppb
Sodium	23-2	5403.94	5373.23	5422.02	5399.73	0.46	ppb
Strontium	86-1	538.16	523.95	546.93	536.35	2.16	ppb
Strontium	88-1	521.93	526.04	541.65	529.87	1.96	ppb
Sulfur	34-1	1234.63	1275.57	1338.30	1282.83	4.07	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	48.53	49.45	51.85	49.94	3.44	ppb
Thallium	205-1	49.07	49.12	51.20	49.80	2.44	ppb
Tin	118-1	54.68	56.05	57.64	56.12	2.64	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 12:21:44	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	591.91	577.52	590.06	586.50	1.34	ppb
Uranium	238-1	47.38	48.32	50.47	48.72	3.25	ppb
Vanadium	51-2	50.59	50.41	52.55	51.18	2.31	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				100		%
Zinc	66-2	527.19	504.61	523.25	518.35	2.33	ppb
Zirconium	90-1	52.21	52.36	54.62	53.06	2.54	ppb
Zirconium	91-1	51.48	50.02	53.71	51.73	3.59	ppb

LB Number : LB117894 Operator : Jaswal
 Lab Sample ID : S04 Instrumnet Name : P8
 Client Sample ID : S04 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-19 12:24:47 DataFile Name : 007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2724.21	2691.85	2634.43	2683.50	1.69	ppb
Antimony	121-1	127.23	126.15	126.96	126.78	0.45	ppb
Arsenic	75-2	129.47	129.36	131.41	130.08	0.89	ppb
Barium	135-1	635.91	630.67	644.21	636.93	1.07	ppb
Barium	137-1	662.89	645.06	650.98	652.98	1.39	ppb
Beryllium	9-1	129.04	127.34	131.84	129.41	1.76	ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Boron	10-1	111.65	122.73	126.87	120.42	6.54	ppb
Boron	11-1	113.48	119.65	127.35	120.16	5.78	ppb
Bromine	81-1						cps
Cadmium	111-1	130.94	126.44	130.09	129.16	1.85	ppb
Cadmium	106-1	132.83	126.16	132.97	130.65	2.98	ppb
Cadmium	108-1	129.95	126.02	128.51	128.16	1.55	ppb
Calcium	43-1	13577.03	12979.62	13687.03	13414.56	2.84	ppb
Calcium	44-1	13715.18	12726.34	13289.65	13243.72	3.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	125.53	125.15	123.87	124.85	0.70	ppb
Cobalt	59-2	127.87	125.13	123.01	125.34	1.94	ppb
Copper	63-2	1310.02	1282.11	1331.53	1307.89	1.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	54-2	6917.36	6714.83	6767.13	6799.77	1.55	ppb
Iron	56-2	6611.32	6829.46	6742.30	6727.69	1.63	ppb
Iron	57-2	6713.60	6668.39	6769.77	6717.25	0.76	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 12:24:47	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	604.36	605.85	610.38	606.86	0.52	ppb
Lead	207-1	607.29	589.30	601.20	599.26	1.53	ppb
Lead	208-1	619.69	613.56	622.67	618.64	0.75	ppb
Lithium	6-1				106		%
Magnesium	24-2	13686.54	13667.50	13704.58	13686.21	0.14	ppb
Manganese	55-2	1261.37	1249.79	1244.51	1251.89	0.69	ppb
Molybdenum	94-1	1463.30	1472.55	1415.83	1450.56	2.10	ppb
Molybdenum	95-1	1462.62	1455.22	1356.98	1424.94	4.14	ppb
Molybdenum	96-1	1412.55	1429.00	1380.28	1407.28	1.76	ppb
Molybdenum	97-1	1459.75	1443.66	1462.26	1455.23	0.69	ppb
Molybdenum	98-1	1438.54	1445.12	1382.23	1421.96	2.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	127.76	127.51	126.93	127.40	0.33	ppb
Phosphorus	31-2	2591.86	2810.04	2459.69	2620.53	6.75	ppb
Potassium	39-2	6963.18	6841.95	6810.99	6872.04	1.17	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	82-1	130.80	131.38	130.56	130.91	0.32	ppb
Selenium	77-2	129.60	126.16	138.85	131.53	4.99	ppb
Selenium	78-2	126.28	131.97	134.66	130.97	3.27	ppb
Silicon	28-1	115.36	113.68	135.95	121.67	10.19	ppb
Silver	107-1	131.71	131.70	130.91	131.44	0.35	ppb
Silver	109-1	131.72	128.18	131.94	130.61	1.61	ppb
Sodium	23-2	13664.14	13181.93	13066.01	13304.03	2.38	ppb
Strontium	86-1	1307.85	1276.47	1285.61	1289.98	1.25	ppb
Strontium	88-1	1303.87	1270.11	1289.30	1287.76	1.31	ppb
Sulfur	34-1	2551.36	1891.79	2726.32	2389.83	18.42	ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	122.86	119.53	122.69	121.69	1.54	ppb
Thallium	205-1	122.33	121.07	120.03	121.14	0.95	ppb
Tin	118-1	136.18	133.42	133.15	134.25	1.25	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 12:24:47	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1450.62	1397.59	1449.39	1432.54	2.11	ppb
Uranium	238-1	116.21	118.10	117.54	117.29	0.83	ppb
Vanadium	51-2	127.19	125.58	124.32	125.70	1.14	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	1282.99	1281.21	1281.60	1281.93	0.07	ppb
Zirconium	90-1	130.46	130.22	133.38	131.35	1.34	ppb
Zirconium	91-1	122.36	131.16	128.39	127.30	3.53	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 12:27:53	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5388.34	5348.00	5355.43	5363.92	0.40	ppb
Antimony	121-1	254.58	244.63	252.56	250.59	2.10	ppb
Arsenic	75-2	256.04	258.38	257.02	257.15	0.46	ppb
Barium	135-1	1293.67	1226.63	1268.98	1263.10	2.68	ppb
Barium	137-1	1295.49	1262.54	1309.96	1289.33	1.89	ppb
Beryllium	9-1	255.22	263.71	256.06	258.33	1.81	ppb
Bismuth	209-1				104		%
Bismuth	209-2				98		%
Boron	10-1	236.52	242.63	249.66	242.94	2.71	ppb
Boron	11-1	231.79	249.50	252.55	244.61	4.58	ppb
Bromine	81-1						cps
Cadmium	111-1	253.90	244.77	255.09	251.25	2.25	ppb
Cadmium	106-1	265.95	240.97	244.41	250.44	5.41	ppb
Cadmium	108-1	262.65	245.58	257.49	255.24	3.43	ppb
Calcium	43-1	27359.36	27637.82	27963.97	27653.72	1.09	ppb
Calcium	44-1	26903.46	25570.33	26660.55	26378.11	2.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	252.30	253.00	248.37	251.22	0.99	ppb
Cobalt	59-2	251.84	248.40	249.49	249.91	0.70	ppb
Copper	63-2	2613.48	2530.54	2550.92	2564.98	1.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				98		%
Iron	54-2	13776.74	13611.21	13956.85	13781.60	1.25	ppb
Iron	56-2	13555.35	13643.89	13344.12	13514.45	1.14	ppb
Iron	57-2	13615.01	13158.53	13496.57	13423.37	1.76	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 12:27:53	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1235.29	1282.84	1221.44	1246.52	2.58	ppb
Lead	207-1	1237.71	1310.27	1250.60	1266.19	3.06	ppb
Lead	208-1	1216.51	1296.94	1240.71	1251.39	3.30	ppb
Lithium	6-1				108		%
Magnesium	24-2	26950.94	27138.41	27810.46	27299.94	1.66	ppb
Manganese	55-2	2512.94	2542.82	2575.25	2543.67	1.23	ppb
Molybdenum	94-1	2737.52	2786.45	2806.06	2776.68	1.27	ppb
Molybdenum	95-1	2717.78	2895.74	2830.41	2814.65	3.20	ppb
Molybdenum	96-1	2715.00	2874.18	2851.01	2813.40	3.06	ppb
Molybdenum	97-1	2753.77	2849.91	2862.20	2821.96	2.10	ppb
Molybdenum	98-1	2720.25	2848.79	2838.13	2802.39	2.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	259.83	252.50	255.07	255.80	1.45	ppb
Phosphorus	31-2	4868.65	5089.98	4890.18	4949.60	2.47	ppb
Potassium	39-2	13697.56	13504.35	13891.86	13697.92	1.41	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	251.30	263.67	259.24	258.07	2.43	ppb
Selenium	77-2	273.72	281.53	262.28	272.51	3.55	ppb
Selenium	78-2	247.50	260.68	258.68	255.62	2.78	ppb
Silicon	28-1	262.19	260.14	273.28	265.20	2.67	ppb
Silver	107-1	259.82	254.44	257.49	257.25	1.05	ppb
Silver	109-1	264.37	248.76	259.96	257.70	3.12	ppb
Sodium	23-2	26402.70	25942.87	27466.38	26603.99	2.94	ppb
Strontium	86-1	2456.58	2580.11	2575.74	2537.48	2.76	ppb
Strontium	88-1	2513.85	2581.95	2610.86	2568.89	1.94	ppb
Sulfur	34-1	5396.00	5324.79	5227.96	5316.25	1.59	ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	246.38	256.80	243.94	249.04	2.74	ppb
Thallium	205-1	248.39	261.95	244.15	251.50	3.70	ppb
Tin	118-1	257.82	248.20	258.76	254.93	2.29	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 12:27:53	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2822.54	2819.11	2836.23	2825.96	0.32	ppb
Uranium	238-1	256.41	246.66	253.13	252.07	1.97	ppb
Vanadium	51-2	253.87	251.21	248.99	251.36	0.97	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	2503.48	2511.96	2566.72	2527.39	1.36	ppb
Zirconium	90-1	252.20	255.67	254.23	254.03	0.69	ppb
Zirconium	91-1	253.24	254.56	250.44	252.75	0.83	ppb

LB Number : LB117894 Operator : Jaswal
 Lab Sample ID : S06 Instrumnet Name : P8
 Client Sample ID : S06 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-19 12:30:56 DataFile Name : 009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10500.61	10468.63	10325.34	10431.53	0.89	ppb
Antimony	121-1	486.32	496.02	502.34	494.89	1.63	ppb
Arsenic	75-2	499.38	490.77	482.95	491.03	1.67	ppb
Barium	135-1	2514.90	2506.65	2502.71	2508.08	0.25	ppb
Barium	137-1	2495.07	2464.12	2465.68	2474.96	0.70	ppb
Beryllium	9-1	495.73	491.03	499.23	495.33	0.83	ppb
Bismuth	209-1				106		%
Bismuth	209-2				101		%
Boron	10-1	455.29	473.46	521.52	483.43	7.08	ppb
Boron	11-1	466.03	483.12	509.32	486.16	4.48	ppb
Bromine	81-1						cps
Cadmium	111-1	500.44	500.54	499.23	500.07	0.15	ppb
Cadmium	106-1	499.83	508.70	508.05	505.53	0.98	ppb
Cadmium	108-1	505.94	501.75	487.71	498.47	1.92	ppb
Calcium	43-1	53251.60	52054.26	54880.42	53395.43	2.66	ppb
Calcium	44-1	52175.08	52820.22	53547.98	52847.76	1.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	489.83	488.31	476.73	484.96	1.48	ppb
Cobalt	59-2	496.56	490.33	490.40	492.43	0.73	ppb
Copper	63-2	5014.96	4967.07	4715.41	4899.14	3.28	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				109		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	54-2	27253.90	27604.56	27054.17	27304.21	1.02	ppb
Iron	56-2	26639.45	27163.86	26337.69	26713.67	1.56	ppb
Iron	57-2	26405.97	26677.12	25357.67	26146.92	2.67	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 12:30:56	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2395.40	2498.95	2509.89	2468.08	2.56	ppb
Lead	207-1	2436.17	2520.25	2495.79	2484.07	1.74	ppb
Lead	208-1	2416.77	2502.17	2462.91	2460.62	1.74	ppb
Lithium	6-1				112		%
Magnesium	24-2	52815.14	53616.83	51412.42	52614.80	2.12	ppb
Manganese	55-2	4971.94	5041.45	4940.93	4984.77	1.03	ppb
Molybdenum	94-1	5287.59	5441.72	5559.42	5429.58	2.51	ppb
Molybdenum	95-1	5365.54	5474.27	5495.70	5445.17	1.28	ppb
Molybdenum	96-1	5470.61	5524.83	5432.84	5476.10	0.84	ppb
Molybdenum	97-1	5542.17	5562.43	5428.59	5511.07	1.31	ppb
Molybdenum	98-1	5496.06	5450.09	5305.59	5417.25	1.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	504.72	500.89	491.12	498.91	1.41	ppb
Phosphorus	31-2	10402.37	9813.84	10127.29	10114.50	2.91	ppb
Potassium	39-2	26030.03	25151.51	25878.60	25686.71	1.83	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				105		%
Scandium	45-2				99		%
Selenium	82-1	505.70	507.90	502.40	505.33	0.55	ppb
Selenium	77-2	472.28	506.52	501.86	493.56	3.76	ppb
Selenium	78-2	507.34	495.35	461.51	488.07	4.87	ppb
Silicon	28-1	532.18	552.42	605.95	563.51	6.76	ppb
Silver	107-1	501.94	511.65	504.13	505.91	1.01	ppb
Silver	109-1	481.99	498.44	488.48	489.64	1.69	ppb
Sodium	23-2	51880.36	52108.23	50504.76	51497.78	1.68	ppb
Strontium	86-1	4961.58	4972.82	4902.10	4945.50	0.77	ppb
Strontium	88-1	5026.87	5172.56	4923.66	5041.03	2.48	ppb
Sulfur	34-1	9323.53	8704.99	10247.54	9425.35	8.24	ppb
Terbium	159-1				107		%
Terbium	159-2				102		%
Thallium	203-1	489.40	502.76	480.84	491.00	2.25	ppb
Thallium	205-1	477.24	504.76	490.99	490.99	2.80	ppb
Tin	118-1	478.74	502.24	492.05	491.01	2.40	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 12:30:56	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5512.31	5231.06	5547.73	5430.36	3.20	ppb
Uranium	238-1	481.20	499.71	497.72	492.88	2.06	ppb
Vanadium	51-2	503.32	490.93	480.51	491.58	2.32	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				101		%
Zinc	66-2	4966.43	4965.69	4906.70	4946.27	0.69	ppb
Zirconium	90-1	494.69	497.37	494.47	495.51	0.33	ppb
Zirconium	91-1	487.99	501.19	494.79	494.66	1.33	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 12:34:02	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21714.91	21268.48	21103.52	21362.31	1.48	ppb
Antimony	121-1	1015.42	988.35	1002.62	1002.13	1.35	ppb
Arsenic	75-2	1003.64	1016.07	986.13	1001.94	1.50	ppb
Barium	135-1	5028.32	4855.16	5088.63	4990.70	2.43	ppb
Barium	137-1	5115.61	4853.47	5026.96	4998.68	2.67	ppb
Beryllium	9-1	1011.21	1007.87	979.50	999.53	1.74	ppb
Bismuth	209-1				107		%
Bismuth	209-2				97		%
Boron	10-1	964.21	1020.34	1047.46	1010.67	4.20	ppb
Boron	11-1	966.63	1019.20	1040.87	1008.90	3.78	ppb
Bromine	81-1						cps
Cadmium	111-1	988.95	970.67	1037.40	999.01	3.45	ppb
Cadmium	106-1	998.67	969.17	1021.30	996.38	2.62	ppb
Cadmium	108-1	1035.14	963.28	998.19	998.87	3.60	ppb
Calcium	43-1	113185.05	111807.17	111249.90	112080.71	0.89	ppb
Calcium	44-1	108719.04	105556.92	106747.42	107007.79	1.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1035.62	998.75	987.19	1007.19	2.51	ppb
Cobalt	59-2	1016.92	1003.88	990.36	1003.72	1.32	ppb
Copper	63-2	10170.59	9803.52	10103.11	10025.74	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				108		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				95		%
Iron	54-2	55303.99	54768.59	54689.79	54920.79	0.61	ppb
Iron	56-2	55103.24	54108.17	53388.36	54199.92	1.59	ppb
Iron	57-2	53843.28	52737.88	54143.14	53574.77	1.38	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 12:34:02	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	5049.49	5139.59	4870.12	5019.73	2.73	ppb
Lead	207-1	5036.36	5100.87	4885.20	5007.48	2.21	ppb
Lead	208-1	5083.32	5067.80	4910.22	5020.44	1.91	ppb
Lithium	6-1				109		%
Magnesium	24-2	108962.14	105925.24	105940.78	106942.72	1.64	ppb
Manganese	55-2	10154.45	10078.06	9755.10	9995.87	2.12	ppb
Molybdenum	94-1	10850.81	11213.11	10986.88	11016.93	1.66	ppb
Molybdenum	95-1	11008.90	11003.50	10996.97	11003.13	0.05	ppb
Molybdenum	96-1	10988.22	10925.20	11058.26	10990.56	0.61	ppb
Molybdenum	97-1	11001.41	10915.07	10974.80	10963.76	0.40	ppb
Molybdenum	98-1	11158.57	10948.11	10955.74	11020.81	1.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1004.51	1000.41	991.17	998.70	0.68	ppb
Phosphorus	31-2	20158.56	19629.42	20030.17	19939.38	1.38	ppb
Potassium	39-2	52936.29	51117.41	51513.14	51855.61	1.84	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				102		%
Scandium	45-2				96		%
Selenium	82-1	1006.91	992.98	983.26	994.38	1.20	ppb
Selenium	77-2	1017.51	1019.55	953.20	996.75	3.79	ppb
Selenium	78-2	1018.21	1024.34	968.50	1003.69	3.05	ppb
Silicon	28-1	953.62	943.28	993.04	963.31	2.73	ppb
Silver	107-1	1006.75	978.94	997.18	994.29	1.42	ppb
Silver	109-1	1018.31	990.17	998.86	1002.45	1.44	ppb
Sodium	23-2	106698.80	105043.24	105083.38	105608.47	0.89	ppb
Strontium	86-1	10144.13	10069.21	9819.86	10011.07	1.70	ppb
Strontium	88-1	10168.37	10064.71	9635.07	9956.05	2.84	ppb
Sulfur	34-1	20591.84	19589.40	20442.43	20207.89	2.68	ppb
Terbium	159-1				107		%
Terbium	159-2				102		%
Thallium	203-1	1026.82	1046.00	942.66	1005.16	5.47	ppb
Thallium	205-1	1013.45	1025.13	975.29	1004.62	2.59	ppb
Tin	118-1	1011.25	975.52	1018.63	1001.80	2.30	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 12:34:02	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	10971.90	10783.85	11264.68	11006.81	2.20	ppb
Uranium	238-1	1021.81	1012.58	977.83	1004.07	2.31	ppb
Vanadium	51-2	1019.37	996.72	995.08	1003.72	1.35	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				99		%
Zinc	66-2	10160.30	9836.44	10048.58	10015.11	1.64	ppb
Zirconium	90-1	997.45	996.07	1007.36	1000.29	0.62	ppb
Zirconium	91-1	1003.57	1010.26	991.00	1001.61	0.98	ppb

LB Number : LB117894 Operator : Jaswal
 Lab Sample ID : S08 Instrumnet Name : P8
 Client Sample ID : S08 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-19 12:37:05 DataFile Name : 011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	96947.09	103869.13	98165.61	99660.61	3.71	ppb
Antimony	121-1	1.03	0.99	1.01	1.01	2.10	ppb
Arsenic	75-2	0.33	0.26	0.38	0.32	18.28	ppb
Barium	135-1	2.17	2.18	1.84	2.06	9.32	ppb
Barium	137-1	1.98	2.17	1.78	1.98	9.93	ppb
Beryllium	9-1	0.42	0.37	0.28	0.36	19.79	ppb
Bismuth	209-1				98		%
Bismuth	209-2				90		%
Boron	10-1	122.51	115.32	106.57	114.80	6.95	ppb
Boron	11-1	123.60	114.73	106.23	114.85	7.56	ppb
Bromine	81-1						cps
Cadmium	111-1	0.12	0.17	0.11	0.13	24.13	ppb
Cadmium	106-1	-1.72	-0.20	-0.87	-0.93		ppb
Cadmium	108-1	0.08	0.85	0.16	0.36	116.67	ppb
Calcium	43-1	513290.75	494423.56	483534.33	497082.88	3.03	ppb
Calcium	44-1	516007.53	491045.09	487609.87	498220.83	3.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.77	1.87	1.82	1.82	2.72	ppb
Cobalt	59-2	1.45	1.36	1.25	1.35	7.31	ppb
Copper	63-2	2.61	2.45	2.53	2.53	3.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				93		%
Iron	54-2	245114.79	255257.50	245742.06	248704.78	2.29	ppb
Iron	56-2	249217.78	247741.08	249811.23	248923.37	0.43	ppb
Iron	57-2	244458.71	250393.45	252478.95	249110.37	1.67	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 12:37:05	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2.78	3.01	2.43	2.74	10.76	ppb
Lead	207-1	2.91	3.06	2.39	2.79	12.58	ppb
Lead	208-1	2.98	2.96	2.53	2.83	8.98	ppb
Lithium	6-1				103		%
Magnesium	24-2	491381.41	514337.43	488877.78	498198.88	2.82	ppb
Manganese	55-2	5.48	5.69	5.15	5.44	5.00	ppb
Molybdenum	94-1	4.93	4.44	3.47	4.28	17.30	ppb
Molybdenum	95-1	3.84	3.40	2.70	3.31	17.44	ppb
Molybdenum	96-1	5.73	5.54	4.88	5.38	8.29	ppb
Molybdenum	97-1	3.98	4.05	2.62	3.55	22.78	ppb
Molybdenum	98-1	4.02	3.42	3.00	3.48	14.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.36	1.35	1.27	1.33	3.79	ppb
Phosphorus	31-2	-8.13	-7.06	-24.49	-13.23		ppb
Potassium	39-2	247446.80	255185.46	245813.06	249481.77	2.01	ppb
Rhodium	103-1				93		%
Rhodium	103-2				91		%
Scandium	45-1				100		%
Scandium	45-2				95		%
Selenium	82-1	-0.13	-1.17	-0.39	-0.56		ppb
Selenium	77-2	-1.33	0.05	-1.33	-0.87		ppb
Selenium	78-2	-2.47	-0.08	-0.28	-0.94		ppb
Silicon	28-1	352.18	380.93	393.41	375.51	5.63	ppb
Silver	107-1	0.32	0.32	0.30	0.31	5.24	ppb
Silver	109-1	0.35	0.32	0.29	0.32	10.37	ppb
Sodium	23-2	495870.79	504325.76	495676.14	498624.23	0.99	ppb
Strontium	86-1	8.22	7.76	6.83	7.61	9.29	ppb
Strontium	88-1	7.73	8.18	7.06	7.66	7.33	ppb
Sulfur	34-1	-1235.88	-1448.70	-1387.07	-1357.22		ppb
Terbium	159-1				103		%
Terbium	159-2				99		%
Thallium	203-1	0.22	0.29	0.17	0.23	25.14	ppb
Thallium	205-1	0.29	0.20	0.20	0.23	22.81	ppb
Tin	118-1	-0.18	-0.17	-0.12	-0.16		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 12:37:05	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.96	2.52	1.84	2.44	23.26	ppb
Uranium	238-1	0.25	0.21	0.15	0.21	23.78	ppb
Vanadium	51-2	0.37	0.34	0.31	0.34	8.35	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				95		%
Zinc	66-2	12.21	13.42	12.42	12.68	5.10	ppb
Zirconium	90-1	0.61	0.61	0.52	0.58	8.75	ppb
Zirconium	91-1	0.57	0.51	0.78	0.62	22.65	ppb

LB Number : LB117894 Operator : Jaswal
 Lab Sample ID : ICV084 Instrumnet Name : P8
 Client Sample ID : ICV084 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-19 12:58:40 DataFile Name : 013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	509.04	519.78	537.62	522.15	2.76	ppb
Antimony	121-1	201.45	203.02	206.74	203.74	1.33	ppb
Arsenic	75-2	209.13	203.43	213.26	208.61	2.37	ppb
Barium	135-1	103.39	104.16	106.00	104.52	1.29	ppb
Barium	137-1	104.28	103.52	106.64	104.81	1.55	ppb
Beryllium	9-1	110.72	106.88	109.74	109.11	1.83	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	10-1	8.14	7.28	7.50	7.64	5.85	ppb
Boron	11-1	7.97	7.73	7.60	7.77	2.42	ppb
Bromine	81-1						cps
Cadmium	111-1	103.10	104.79	105.54	104.48	1.20	ppb
Cadmium	106-1	86.14	89.27	90.10	88.50	2.36	ppb
Cadmium	108-1	88.02	91.78	96.12	91.97	4.41	ppb
Calcium	43-1	1972.75	2072.53	2076.55	2040.61	2.88	ppb
Calcium	44-1	2022.45	2097.94	2127.92	2082.77	2.61	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	99.21	100.67	104.52	101.47	2.70	ppb
Cobalt	59-2	98.89	102.70	104.85	102.14	2.96	ppb
Copper	63-2	99.51	99.56	103.77	100.95	2.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	54-2	2174.97	2164.70	2301.69	2213.79	3.45	ppb
Iron	56-2	2097.18	2117.19	2157.44	2123.94	1.45	ppb
Iron	57-2	2077.63	2058.12	2192.06	2109.27	3.43	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	ICV084	Instrumnet Name :	P8
Client Sample ID :	ICV084	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 12:58:40	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	196.80	196.37	203.64	198.94	2.05	ppb
Lead	207-1	192.74	195.06	198.47	195.42	1.47	ppb
Lead	208-1	196.08	198.99	202.00	199.02	1.49	ppb
Lithium	6-1				102		%
Magnesium	24-2	1269.85	1262.01	1270.50	1267.45	0.37	ppb
Manganese	55-2	99.22	97.60	101.26	99.36	1.85	ppb
Molybdenum	94-1	0.51	0.52	0.36	0.46	19.48	ppb
Molybdenum	95-1	0.40	0.38	0.39	0.39	3.17	ppb
Molybdenum	96-1	0.37	0.33	0.36	0.35	5.77	ppb
Molybdenum	97-1	0.44	0.39	0.36	0.40	10.67	ppb
Molybdenum	98-1	0.36	0.38	0.34	0.36	5.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	105.20	103.75	105.97	104.97	1.07	ppb
Phosphorus	31-2	3.47	-7.94	-2.14	-2.20		ppb
Potassium	39-2	2080.76	2043.12	2160.29	2094.72	2.86	ppb
Rhodium	103-1				102		%
Rhodium	103-2				104		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	82-1	194.97	200.56	197.68	197.74	1.41	ppb
Selenium	77-2	225.07	247.49	204.30	225.62	9.57	ppb
Selenium	78-2	228.98	213.89	231.25	224.71	4.20	ppb
Silicon	28-1	-7.44	1.41	3.89	-0.71		ppb
Silver	107-1	49.64	51.20	52.48	51.11	2.78	ppb
Silver	109-1	51.33	51.22	52.76	51.77	1.66	ppb
Sodium	23-2	2162.20	2144.65	2189.20	2165.35	1.04	ppb
Strontium	86-1	0.22	0.35	0.44	0.33	33.82	ppb
Strontium	88-1	0.32	0.32	0.29	0.31	5.44	ppb
Sulfur	34-1	-653.44	-235.84	-119.32	-336.20		ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	201.72	203.80	206.99	204.17	1.30	ppb
Thallium	205-1	204.86	205.19	206.66	205.57	0.46	ppb
Tin	118-1	-0.12	-0.20	-0.11	-0.15		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	ICV084	Instrumnet Name :	P8
Client Sample ID :	ICV084	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 12:58:40	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.35	0.21	0.31	0.29	24.18	ppb
Uranium	238-1	0.05	0.05	0.06	0.05	6.35	ppb
Vanadium	51-2	100.44	96.93	101.04	99.47	2.23	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				102		%
Zinc	66-2	200.30	201.63	208.64	203.52	2.20	ppb
Zirconium	90-1	0.08	0.06	0.07	0.07	12.75	ppb
Zirconium	91-1	0.06	0.08	0.06	0.07	18.97	ppb

LB Number : LB117894 Operator : Jaswal
 Lab Sample ID : ICB084 Instrumnet Name : P8
 Client Sample ID : ICB084 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-19 13:08:04 DataFile Name : 014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.22	0.30	0.57	0.36	50.53	ppb
Antimony	121-1	0.04	0.04	0.06	0.05	32.97	ppb
Arsenic	75-2	-0.03	-0.04	-0.02	-0.03		ppb
Barium	135-1	0.00	0.02	0.00	0.01	117.29	ppb
Barium	137-1	-0.02	0.00	-0.01	-0.01		ppb
Beryllium	9-1	0.01	0.03	0.00	0.02	98.28	ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Boron	10-1	4.64	3.50	3.66	3.93	15.75	ppb
Boron	11-1	4.52	3.86	3.80	4.06	9.87	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.41	-0.21	-0.43	-0.35		ppb
Cadmium	106-1	-5.39	-2.84	-6.05	-4.76		ppb
Cadmium	108-1	-0.23	-0.12	-0.23	-0.19		ppb
Calcium	43-1	15.71	14.59	15.17	15.16	3.72	ppb
Calcium	44-1	17.86	21.52	14.40	17.93	19.86	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.07	0.01	0.03	97.22	ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	88.66	ppb
Copper	63-2	0.03	0.02	0.02	0.02	25.17	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				98		%
Holmium	165-2				100		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	54-2	-0.07	1.54	1.33	0.93	94.12	ppb
Iron	56-2	1.36	1.24	1.25	1.28	5.39	ppb
Iron	57-2	-0.59	4.75	0.12	1.43	203.11	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	ICB084	Instrumnet Name :	P8
Client Sample ID :	ICB084	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 13:08:04	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.03	0.01	0.03	0.03	43.14	ppb
Lead	207-1	0.06	0.04	0.04	0.05	24.16	ppb
Lead	208-1	0.05	0.04	0.04	0.04	15.06	ppb
Lithium	6-1				103		%
Magnesium	24-2	-0.13	1.46	1.01	0.78	105.27	ppb
Manganese	55-2	0.09	0.04	0.02	0.05	71.32	ppb
Molybdenum	94-1	-0.03	0.00	-0.06	-0.03		ppb
Molybdenum	95-1	0.00	-0.01	0.00	0.00		ppb
Molybdenum	96-1	0.03	0.02	0.01	0.02	34.84	ppb
Molybdenum	97-1	0.02	0.01	0.00	0.01	76.64	ppb
Molybdenum	98-1	0.02	0.02	0.00	0.02	77.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.06	-0.05	-0.05	-0.05		ppb
Phosphorus	31-2	-19.90	-11.07	31.66	0.23	11845.87	ppb
Potassium	39-2	10.92	10.79	13.74	11.82	14.11	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	82-1	-1.07	-1.16	-0.86	-1.03		ppb
Selenium	77-2	-1.33	-1.33	-1.33	-1.33		ppb
Selenium	78-2	-1.11	-1.00	-1.23	-1.12		ppb
Silicon	28-1	-3.75	-0.36	-8.44	-4.18		ppb
Silver	107-1	0.00	0.01	0.02	0.01	109.79	ppb
Silver	109-1	0.01	0.01	0.01	0.01	20.42	ppb
Sodium	23-2	8.59	9.29	9.88	9.26	6.96	ppb
Strontium	86-1	0.05	0.04	-0.09	0.00	2870.28	ppb
Strontium	88-1	0.01	0.01	0.00	0.01	56.42	ppb
Sulfur	34-1	-573.60	-167.88	-1008.74	-583.41		ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	-0.02	-0.01	-0.03	-0.02		ppb
Thallium	205-1	0.00	-0.01	-0.01	0.00		ppb
Tin	118-1	4.56	4.24	4.38	4.39	3.59	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	ICB084	Instrumnet Name :	P8
Client Sample ID :	ICB084	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 13:08:04	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.04	0.09	0.05	0.03	203.13	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	-0.01	-0.01	-0.01		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.14	0.25	0.16	0.18	32.99	ppb
Zirconium	90-1	0.00	-0.01	0.00	-0.01		ppb
Zirconium	91-1	0.04	0.01	-0.01	0.02	171.16	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	ICSA084	Instrumnet Name :	P8
Client Sample ID :	ICSA084	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 13:11:07	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100632.76	99046.04	98122.90	99267.23	1.28	ppb
Antimony	121-1	1.24	1.19	1.17	1.20	2.77	ppb
Arsenic	75-2	0.27	0.29	0.19	0.25	20.97	ppb
Barium	135-1	1.44	1.49	1.42	1.45	2.34	ppb
Barium	137-1	1.51	1.18	1.28	1.32	12.62	ppb
Beryllium	9-1	0.33	0.31	0.30	0.31	5.97	ppb
Bismuth	209-1				101		%
Bismuth	209-2				96		%
Boron	10-1	5.07	4.79	5.52	5.13	7.17	ppb
Boron	11-1	5.22	5.06	4.91	5.07	3.06	ppb
Bromine	81-1						cps
Cadmium	111-1	0.56	-0.10	0.13	0.20	169.76	ppb
Cadmium	106-1	2.04	-5.88	-1.39	-1.74		ppb
Cadmium	108-1	10.89	9.78	10.16	10.28	5.51	ppb
Calcium	43-1	104155.38	101885.13	100293.83	102111.44	1.90	ppb
Calcium	44-1	102886.17	100290.33	102618.42	101931.64	1.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	20.17	19.20	19.17	19.51	2.93	ppb
Cobalt	59-2	1.13	1.13	1.12	1.13	0.58	ppb
Copper	63-2	7.33	7.33	7.13	7.26	1.58	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				104		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	54-2	105275.65	101038.17	103989.78	103434.53	2.10	ppb
Iron	56-2	104147.87	102795.42	103760.08	103567.79	0.67	ppb
Iron	57-2	105310.80	104649.11	106329.10	105429.67	0.80	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	ICSA084	Instrumnet Name :	P8
Client Sample ID :	ICSA084	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 13:11:07	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4.46	4.64	4.87	4.66	4.39	ppb
Lead	207-1	4.29	4.23	4.67	4.40	5.39	ppb
Lead	208-1	4.36	4.33	4.57	4.42	3.02	ppb
Lithium	6-1				105		%
Magnesium	24-2	102098.22	99485.79	100912.13	100832.05	1.30	ppb
Manganese	55-2	7.71	7.36	7.57	7.54	2.35	ppb
Molybdenum	94-1	1646.00	1638.98	1632.48	1639.15	0.41	ppb
Molybdenum	95-1	1977.68	1982.23	1956.98	1972.30	0.68	ppb
Molybdenum	96-1	1957.64	1924.42	1967.29	1949.78	1.15	ppb
Molybdenum	97-1	2026.50	1959.87	2025.55	2003.97	1.91	ppb
Molybdenum	98-1	1990.52	1974.78	2013.67	1992.99	0.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.44	5.19	5.15	5.26	3.00	ppb
Phosphorus	31-2	98514.97	96403.56	97353.35	97423.96	1.09	ppb
Potassium	39-2	102260.84	98257.25	98666.37	99728.16	2.21	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				105		%
Scandium	45-2				99		%
Selenium	82-1	-0.65	-0.77	-0.61	-0.68		ppb
Selenium	77-2	1.21	-1.33	-0.03	-0.05		ppb
Selenium	78-2	0.00	-1.42	-0.51	-0.64		ppb
Silicon	28-1	15.16	7.95	10.97	11.36	31.88	ppb
Silver	107-1	0.11	0.08	0.07	0.09	21.17	ppb
Silver	109-1	0.09	0.09	0.06	0.08	26.87	ppb
Sodium	23-2	106439.91	103402.70	102259.23	104033.95	2.08	ppb
Strontium	86-1	34.87	34.68	36.21	35.25	2.37	ppb
Strontium	88-1	34.94	35.42	35.26	35.20	0.69	ppb
Sulfur	34-1	79310.31	72712.36	75348.50	75790.39	4.38	ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	0.00	0.03	0.02	0.02	95.48	ppb
Thallium	205-1	0.03	0.05	0.05	0.04	30.90	ppb
Tin	118-1	5.80	5.81	5.78	5.80	0.26	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	ICSA084	Instrumnet Name :	P8
Client Sample ID :	ICSA084	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 13:11:07	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2040.04	1993.99	2010.43	2014.82	1.16	ppb
Uranium	238-1	0.02	0.03	0.02	0.02	15.68	ppb
Vanadium	51-2	0.17	0.15	0.18	0.17	10.60	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	12.72	10.50	11.48	11.57	9.62	ppb
Zirconium	90-1	0.04	0.02	0.03	0.03	34.90	ppb
Zirconium	91-1	0.02	-0.01	-0.01	0.00		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	ICSAB084	Instrumnet Name :	P8
Client Sample ID :	ICSAB084	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 13:14:02	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100320.47	100490.50	98930.79	99913.92	0.86	ppb
Antimony	121-1	20.95	20.17	21.79	20.97	3.86	ppb
Arsenic	75-2	20.60	20.49	21.51	20.86	2.69	ppb
Barium	135-1	20.94	21.00	22.65	21.53	4.50	ppb
Barium	137-1	21.00	20.75	22.52	21.43	4.46	ppb
Beryllium	9-1	20.58	20.93	20.94	20.82	0.99	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Boron	10-1	4.98	4.76	4.76	4.83	2.69	ppb
Boron	11-1	4.94	4.78	4.52	4.75	4.56	ppb
Bromine	81-1						cps
Cadmium	111-1	19.18	19.28	19.79	19.42	1.69	ppb
Cadmium	106-1	16.52	14.87	12.29	14.56	14.66	ppb
Cadmium	108-1	25.84	26.99	27.58	26.80	3.29	ppb
Calcium	43-1	101515.56	100951.66	109433.45	103966.89	4.56	ppb
Calcium	44-1	101311.91	101115.01	107973.00	103466.64	3.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	39.34	38.80	38.88	39.01	0.75	ppb
Cobalt	59-2	20.86	21.31	20.75	20.97	1.40	ppb
Copper	63-2	26.44	26.81	26.59	26.61	0.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	54-2	105732.77	105918.55	101220.99	104290.77	2.55	ppb
Iron	56-2	102385.22	105014.45	103943.83	103781.17	1.27	ppb
Iron	57-2	106309.09	107413.93	101573.37	105098.80	2.95	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	ICSAB084	Instrumnet Name :	P8
Client Sample ID :	ICSAB084	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 13:14:02	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	23.58	23.29	24.26	23.71	2.10	ppb
Lead	207-1	23.15	22.14	23.76	23.02	3.56	ppb
Lead	208-1	23.25	22.82	23.91	23.33	2.34	ppb
Lithium	6-1				110		%
Magnesium	24-2	100997.21	101972.56	100850.96	101273.58	0.60	ppb
Manganese	55-2	27.03	27.45	26.13	26.87	2.51	ppb
Molybdenum	94-1	1723.64	1678.56	1721.32	1707.84	1.49	ppb
Molybdenum	95-1	2020.71	1971.10	2077.23	2023.01	2.63	ppb
Molybdenum	96-1	1953.80	1972.33	1996.82	1974.32	1.09	ppb
Molybdenum	97-1	2092.89	2032.38	2075.40	2066.89	1.51	ppb
Molybdenum	98-1	2002.75	1975.77	2059.19	2012.57	2.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.13	24.54	25.37	25.01	1.72	ppb
Phosphorus	31-2	101082.85	98442.65	97961.92	99162.47	1.69	ppb
Potassium	39-2	101575.73	101014.28	102037.82	101542.61	0.50	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	82-1	18.48	16.27	18.05	17.60	6.66	ppb
Selenium	77-2	25.01	14.61	12.03	17.22	39.89	ppb
Selenium	78-2	17.73	16.86	18.72	17.77	5.24	ppb
Silicon	28-1	28.49	17.90	24.48	23.62	22.62	ppb
Silver	107-1	18.72	18.45	20.48	19.22	5.73	ppb
Silver	109-1	18.92	18.21	19.88	19.01	4.41	ppb
Sodium	23-2	103747.27	103128.57	105234.80	104036.88	1.04	ppb
Strontium	86-1	35.48	34.70	36.60	35.60	2.68	ppb
Strontium	88-1	35.25	35.25	37.34	35.95	3.36	ppb
Sulfur	34-1	77832.60	76655.27	77484.00	77323.96	0.78	ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	20.06	19.20	20.15	19.81	2.65	ppb
Thallium	205-1	19.52	19.82	20.53	19.96	2.61	ppb
Tin	118-1	5.13	4.85	5.28	5.09	4.29	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	ICSAB084	Instrumnet Name :	P8
Client Sample ID :	ICSAB084	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 13:14:02	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2049.44	2021.57	2054.48	2041.83	0.87	ppb
Uranium	238-1	0.03	0.02	0.02	0.02	16.43	ppb
Vanadium	51-2	19.84	20.21	19.63	19.89	1.46	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	31.26	31.82	30.77	31.28	1.68	ppb
Zirconium	90-1	0.04	0.02	0.04	0.03	24.96	ppb
Zirconium	91-1	0.03	0.02	0.07	0.04	62.48	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	CCV072	Instrumnet Name :	P8
Client Sample ID :	CCV072	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 13:16:56	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53267.29	52931.58	51593.60	52597.49	1.68	ppb
Antimony	121-1	510.43	491.25	475.45	492.38	3.56	ppb
Arsenic	75-2	528.07	521.03	502.79	517.30	2.52	ppb
Barium	135-1	2538.82	2601.58	2450.49	2530.30	3.00	ppb
Barium	137-1	2592.35	2537.83	2473.73	2534.64	2.34	ppb
Beryllium	9-1	503.74	504.39	512.67	506.93	0.98	ppb
Bismuth	209-1				99		%
Bismuth	209-2				95		%
Boron	10-1	463.11	496.10	507.49	488.90	4.71	ppb
Boron	11-1	466.08	497.35	516.06	493.16	5.12	ppb
Bromine	81-1						cps
Cadmium	111-1	472.41	477.50	469.40	473.10	0.87	ppb
Cadmium	106-1	482.17	499.49	491.37	491.01	1.77	ppb
Cadmium	108-1	488.97	480.31	486.03	485.10	0.91	ppb
Calcium	43-1	256253.25	248892.27	253558.56	252901.36	1.47	ppb
Calcium	44-1	250874.05	250210.85	249493.66	250192.85	0.28	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	490.54	482.58	483.77	485.63	0.88	ppb
Cobalt	59-2	483.82	480.17	472.63	478.87	1.19	ppb
Copper	63-2	5141.74	4824.16	4941.12	4969.01	3.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				96		%
Iron	54-2	134307.85	126960.45	125352.67	128873.66	3.70	ppb
Iron	56-2	130124.47	126844.45	125196.12	127388.35	1.97	ppb
Iron	57-2	131854.12	126899.02	126207.05	128320.06	2.40	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	CCV072	Instrumnet Name :	P8
Client Sample ID :	CCV072	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 13:16:56	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2459.61	2480.40	2487.78	2475.93	0.59	ppb
Lead	207-1	2428.62	2522.44	2516.50	2489.19	2.11	ppb
Lead	208-1	2460.05	2498.53	2501.92	2486.83	0.94	ppb
Lithium	6-1				107		%
Magnesium	24-2	263472.91	257314.72	252543.60	257777.08	2.13	ppb
Manganese	55-2	5137.18	4888.46	4850.74	4958.80	3.14	ppb
Molybdenum	94-1	5596.27	5512.24	5677.05	5595.19	1.47	ppb
Molybdenum	95-1	5438.59	5401.96	5590.74	5477.09	1.83	ppb
Molybdenum	96-1	5469.22	5500.23	5577.08	5515.51	1.01	ppb
Molybdenum	97-1	5478.71	5566.07	5594.62	5546.47	1.09	ppb
Molybdenum	98-1	5422.79	5499.37	5513.72	5478.63	0.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	508.58	498.73	498.46	501.92	1.15	ppb
Phosphorus	31-2	9905.78	9601.80	9765.45	9757.68	1.56	ppb
Potassium	39-2	127473.07	125837.92	127216.43	126842.47	0.69	ppb
Rhodium	103-1				96		%
Rhodium	103-2				94		%
Scandium	45-1				103		%
Scandium	45-2				99		%
Selenium	82-1	535.83	532.04	539.67	535.85	0.71	ppb
Selenium	77-2	536.82	617.42	505.23	553.16	10.46	ppb
Selenium	78-2	556.18	556.25	519.05	543.83	3.95	ppb
Silicon	28-1	503.23	507.00	504.81	505.01	0.37	ppb
Silver	107-1	531.42	528.49	520.61	526.84	1.06	ppb
Silver	109-1	519.33	526.68	501.84	515.95	2.47	ppb
Sodium	23-2	262597.69	257447.33	256276.78	258773.93	1.30	ppb
Strontium	86-1	4873.79	4923.60	4896.37	4897.92	0.51	ppb
Strontium	88-1	4974.17	4877.79	4958.76	4936.91	1.05	ppb
Sulfur	34-1	9763.26	8421.39	8297.57	8827.41	9.21	ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	489.45	498.23	501.09	496.26	1.22	ppb
Thallium	205-1	504.75	484.61	501.42	496.93	2.17	ppb
Tin	118-1	491.16	499.60	483.93	491.57	1.60	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	CCV072	Instrumnet Name :	P8
Client Sample ID :	CCV072	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 13:16:56	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5477.05	5299.67	5424.31	5400.34	1.69	ppb
Uranium	238-1	512.02	502.44	518.31	510.93	1.56	ppb
Vanadium	51-2	501.84	492.00	485.67	493.17	1.65	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				98		%
Zinc	66-2	5004.54	4875.03	4779.34	4886.30	2.31	ppb
Zirconium	90-1	483.81	499.55	500.92	494.76	1.92	ppb
Zirconium	91-1	495.36	491.49	501.30	496.05	1.00	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	CCB072	Instrumnet Name :	P8
Client Sample ID :	CCB072	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 13:31:03	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.01	0.22	0.96	0.40	126.24	ppb
Antimony	121-1	0.05	0.03	0.07	0.05	39.25	ppb
Arsenic	75-2	-0.05	-0.05	-0.07	-0.05		ppb
Barium	135-1	0.03	-0.01	-0.04	-0.01		ppb
Barium	137-1	-0.04	-0.01	0.01	-0.02		ppb
Beryllium	9-1	-0.01	0.01	-0.01	0.00		ppb
Bismuth	209-1				102		%
Bismuth	209-2				96		%
Boron	10-1	9.01	7.55	7.97	8.18	9.22	ppb
Boron	11-1	8.19	8.50	8.17	8.29	2.26	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.22	-0.31	-0.36	-0.30		ppb
Cadmium	106-1	-2.91	-4.66	-4.91	-4.16		ppb
Cadmium	108-1	-0.40	-0.22	-0.27	-0.30		ppb
Calcium	43-1	-2.66	-1.02	-0.37	-1.35		ppb
Calcium	44-1	-0.01	3.37	6.68	3.35	99.89	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.01	0.03	0.02	58.92	ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	0.04	0.06	0.05	0.05	21.06	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				101		%
Holmium	165-2				98		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	54-2	0.61	-0.65	-0.50	-0.18		ppb
Iron	56-2	0.39	0.47	0.11	0.32	57.78	ppb
Iron	57-2	1.74	3.10	2.08	2.30	30.68	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	CCB072	Instrumnet Name :	P8
Client Sample ID :	CCB072	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 13:31:03	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.04	0.01	0.03	0.02	71.57	ppb
Lead	207-1	0.03	0.03	0.01	0.02	55.24	ppb
Lead	208-1	0.04	0.04	0.02	0.03	22.73	ppb
Lithium	6-1				102		%
Magnesium	24-2	1.84	1.34	0.96	1.38	32.01	ppb
Manganese	55-2	-0.01	0.01	0.00	0.00		ppb
Molybdenum	94-1	0.07	0.06	0.08	0.07	15.73	ppb
Molybdenum	95-1	0.14	0.06	0.03	0.08	71.35	ppb
Molybdenum	96-1	0.07	0.04	0.05	0.05	28.28	ppb
Molybdenum	97-1	0.13	0.11	0.04	0.10	47.54	ppb
Molybdenum	98-1	0.13	0.06	0.06	0.08	51.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.07	-0.06	-0.05		ppb
Phosphorus	31-2	-19.50	-38.00	-21.08	-26.19		ppb
Potassium	39-2	29.00	11.15	18.29	19.48	46.13	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	82-1	-0.95	-0.83	0.04	-0.58		ppb
Selenium	77-2	-1.33	-1.33	0.00	-0.89		ppb
Selenium	78-2	-2.39	-0.14	-1.08	-1.20		ppb
Silicon	28-1	-16.04	-10.28	-2.46	-9.59		ppb
Silver	107-1	0.01	0.01	-0.01	0.00	201.32	ppb
Silver	109-1	0.00	0.00	0.01	0.00	128.14	ppb
Sodium	23-2	21.22	16.19	18.22	18.54	13.66	ppb
Strontium	86-1	0.01	0.03	0.12	0.05	102.78	ppb
Strontium	88-1	0.02	0.01	0.01	0.01	26.10	ppb
Sulfur	34-1	-1216.22	-823.25	-235.94	-758.47		ppb
Terbium	159-1				98		%
Terbium	159-2				96		%
Thallium	203-1	0.01	-0.02	-0.02	-0.01		ppb
Thallium	205-1	0.02	0.03	0.02	0.02	20.91	ppb
Tin	118-1	0.01	0.02	0.06	0.03	88.37	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	CCB072	Instrumnet Name :	P8
Client Sample ID :	CCB072	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 13:31:03	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.08	-0.06	0.10	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	112.81	ppb
Vanadium	51-2	-0.01	0.00	-0.01	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				97		%
Zinc	66-2	0.15	0.03	0.29	0.16	84.41	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	54.67	ppb
Zirconium	91-1	-0.01	0.04	-0.03	0.00	4578.69	ppb

LB Number : LB117894 Operator : Jaswal
 Lab Sample ID : PB141393BL Instrumnet Name : P8
 Client Sample ID : PBW393 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-19 13:37:14 DataFile Name : 020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.39	-0.47	0.56	0.16	339.03	ppb
Antimony	121-1	0.02	0.02	0.03	0.02	32.94	ppb
Arsenic	75-2	-0.03	-0.06	-0.07	-0.05		ppb
Barium	135-1	-0.01	-0.02	0.03	0.00		ppb
Barium	137-1	-0.01	-0.01	-0.02	-0.01		ppb
Beryllium	9-1	0.00	0.01	-0.02	0.00		ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Boron	10-1	5.14	5.59	5.48	5.40	4.35	ppb
Boron	11-1	5.50	5.32	5.33	5.38	1.88	ppb
Bromine	81-1						cps
Cadmium	111-1	0.29	0.27	-0.08	0.16	133.36	ppb
Cadmium	106-1	3.66	3.24	-1.47	1.81	157.16	ppb
Cadmium	108-1	-0.33	-0.09	-0.15	-0.19		ppb
Calcium	43-1	-4.27	-3.04	-0.15	-2.49		ppb
Calcium	44-1	1.63	1.80	3.21	2.21	39.26	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.04	0.06	0.04	72.37	ppb
Cobalt	59-2	0.00	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.02	0.04	0.02	0.01	220.07	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				101		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	54-2	-0.91	-0.50	-0.73	-0.71		ppb
Iron	56-2	0.32	0.19	0.42	0.31	36.56	ppb
Iron	57-2	0.48	2.90	1.10	1.49	84.16	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	PB141393BL	Instrumnet Name :	P8
Client Sample ID :	PBW393	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 13:37:14	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.01	0.02	0.00	0.01	70.16	ppb
Lead	207-1	-0.04	0.04	0.08	0.03	221.09	ppb
Lead	208-1	0.01	0.03	0.02	0.02	39.90	ppb
Lithium	6-1				101		%
Magnesium	24-2	0.63	1.54	0.19	0.79	87.83	ppb
Manganese	55-2	0.02	-0.01	0.01	0.01	335.88	ppb
Molybdenum	94-1	0.05	0.04	0.01	0.03	64.11	ppb
Molybdenum	95-1	0.01	0.03	0.00	0.02	102.97	ppb
Molybdenum	96-1	0.00	0.02	0.00	0.01	183.14	ppb
Molybdenum	97-1	0.02	0.03	0.00	0.02	69.65	ppb
Molybdenum	98-1	0.02	0.02	0.02	0.02	7.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.06	-0.05	-0.05		ppb
Phosphorus	31-2	-6.05	23.47	16.06	11.16	137.61	ppb
Potassium	39-2	7.43	10.74	12.30	10.16	24.53	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	82-1	0.17	-0.71	-0.20	-0.25		ppb
Selenium	77-2	1.33	0.02	2.69	1.35	99.42	ppb
Selenium	78-2	0.23	1.46	-1.92	-0.07		ppb
Silicon	28-1	-8.50	-7.30	-2.51	-6.10		ppb
Silver	107-1	0.00	-0.02	0.00	-0.01		ppb
Silver	109-1	0.01	0.01	0.00	0.01	46.61	ppb
Sodium	23-2	12.05	12.58	11.25	11.96	5.60	ppb
Strontium	86-1	0.04	-0.07	-0.09	-0.04		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	255.70	ppb
Sulfur	34-1	-330.62	-107.76	182.39	-85.33		ppb
Terbium	159-1				96		%
Terbium	159-2				99		%
Thallium	203-1	-0.02	0.00	-0.01	-0.01		ppb
Thallium	205-1	0.02	0.01	-0.01	0.01	164.41	ppb
Tin	118-1	-0.16	-0.20	-0.14	-0.17		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	PB141393BL	Instrumnet Name :	P8
Client Sample ID :	PBW393	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 13:37:14	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.11	0.00	0.04	-0.02		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	230.28	ppb
Vanadium	51-2	-0.01	0.00	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	0.01	0.03	0.10	0.05	101.56	ppb
Zirconium	90-1	0.00	0.01	-0.01	0.00		ppb
Zirconium	91-1	0.01	0.03	0.02	0.02	52.93	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	PB141393BS	Instrumnet Name :	P8
Client Sample ID :	LCS393	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 13:40:16	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41.05	38.47	40.28	39.93	3.31	ppb
Antimony	121-1	3.28	3.65	3.73	3.55	6.70	ppb
Arsenic	75-2	2.03	1.84	1.70	1.86	9.11	ppb
Barium	135-1	17.69	18.00	17.84	17.84	0.85	ppb
Barium	137-1	18.19	17.16	18.30	17.88	3.51	ppb
Beryllium	9-1	1.91	2.05	1.97	1.98	3.51	ppb
Bismuth	209-1				102		%
Bismuth	209-2				95		%
Boron	10-1	39.81	44.11	46.19	43.37	7.50	ppb
Boron	11-1	41.15	47.08	48.07	45.43	8.24	ppb
Bromine	81-1						cps
Cadmium	111-1	1.86	1.51	2.11	1.83	16.59	ppb
Cadmium	106-1	-0.05	-1.42	2.99	0.51	443.76	ppb
Cadmium	108-1	1.73	1.98	1.86	1.85	6.75	ppb
Calcium	43-1	907.22	906.35	946.27	919.94	2.48	ppb
Calcium	44-1	921.32	924.87	949.43	931.87	1.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.76	3.51	3.49	3.59	4.15	ppb
Cobalt	59-2	2.10	1.79	1.79	1.90	9.45	ppb
Copper	63-2	4.20	3.84	3.74	3.93	6.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				98		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	54-2	481.12	451.46	432.61	455.06	5.37	ppb
Iron	56-2	484.32	454.40	445.80	461.50	4.38	ppb
Iron	57-2	481.46	437.20	423.56	447.41	6.77	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	PB141393BS	Instrumnet Name :	P8
Client Sample ID :	LCS393	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 13:40:16	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.70	1.58	1.54	1.60	5.21	ppb
Lead	207-1	1.78	1.82	1.53	1.71	9.35	ppb
Lead	208-1	1.73	1.72	1.64	1.70	2.86	ppb
Lithium	6-1				102		%
Magnesium	24-2	1060.81	978.26	977.46	1005.51	4.76	ppb
Manganese	55-2	2.22	1.98	1.89	2.03	8.48	ppb
Molybdenum	94-1	11.66	12.11	11.59	11.79	2.40	ppb
Molybdenum	95-1	9.67	9.53	9.36	9.52	1.64	ppb
Molybdenum	96-1	9.66	9.62	9.72	9.66	0.51	ppb
Molybdenum	97-1	9.35	9.44	9.70	9.50	1.96	ppb
Molybdenum	98-1	9.44	9.70	9.43	9.52	1.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.99	1.86	1.84	1.90	4.12	ppb
Phosphorus	31-2	22.86	34.00	13.15	23.34	44.72	ppb
Potassium	39-2	1022.96	937.30	928.68	962.98	5.41	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	82-1	8.20	9.15	10.36	9.24	11.75	ppb
Selenium	77-2	4.15	6.55	10.93	7.21	47.73	ppb
Selenium	78-2	8.86	9.63	11.64	10.04	14.30	ppb
Silicon	28-1	11.94	12.28	16.66	13.62	19.31	ppb
Silver	107-1	1.78	1.70	1.78	1.75	2.48	ppb
Silver	109-1	1.83	1.72	1.89	1.81	4.75	ppb
Sodium	23-2	1050.24	969.85	963.40	994.50	4.87	ppb
Strontium	86-1	1.81	2.03	2.10	1.98	7.71	ppb
Strontium	88-1	1.93	1.85	1.91	1.90	2.39	ppb
Sulfur	34-1	-586.83	-388.22	-105.33	-360.13		ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1	1.56	1.76	1.74	1.69	6.47	ppb
Thallium	205-1	1.63	1.62	1.71	1.65	3.06	ppb
Tin	118-1	8.74	9.10	9.46	9.10	3.97	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	PB141393BS	Instrumnet Name :	P8
Client Sample ID :	LCS393	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 13:40:16	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	9.22	9.55	9.71	9.49	2.65	ppb
Uranium	238-1	1.68	1.65	1.63	1.65	1.50	ppb
Vanadium	51-2	9.59	8.96	8.91	9.15	4.12	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				98		%
Zinc	66-2	10.50	9.43	9.16	9.69	7.29	ppb
Zirconium	90-1	1.84	1.82	1.93	1.86	3.01	ppb
Zirconium	91-1	1.81	1.78	1.75	1.78	1.95	ppb

LB Number : LB117894 Operator : Jaswal
 Lab Sample ID : PB141391BL Instrumnet Name : P8
 Client Sample ID : PBW391 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-19 13:43:21 DataFile Name : 022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.51	0.13	0.43	0.36	57.19	ppb
Antimony	121-1	0.02	0.01	0.04	0.02	70.38	ppb
Arsenic	75-2	-0.08	-0.05	-0.04	-0.06		ppb
Barium	135-1	-0.02	-0.02	-0.01	-0.02		ppb
Barium	137-1	-0.02	-0.02	-0.01	-0.02		ppb
Beryllium	9-1	0.00	0.02	0.00	0.01	208.33	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Boron	10-1	7.73	7.69	7.40	7.61	2.35	ppb
Boron	11-1	8.38	7.62	6.90	7.63	9.71	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.04	-0.14	-0.07	-0.08		ppb
Cadmium	106-1	-0.66	-1.36	-0.95	-0.99		ppb
Cadmium	108-1	0.00	0.08	-0.22	-0.05		ppb
Calcium	43-1	-0.49	-3.19	-4.46	-2.71		ppb
Calcium	44-1	0.99	2.39	0.05	1.14	103.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.04	0.05	0.03	71.16	ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	0.02	-0.01	-0.01	0.00		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				98		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	54-2	-1.19	-1.04	-0.49	-0.91		ppb
Iron	56-2	0.43	0.65	-0.03	0.35	98.42	ppb
Iron	57-2	3.07	0.74	0.02	1.28	124.70	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	PB141391BL	Instrumnet Name :	P8
Client Sample ID :	PBW391	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 13:43:21	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.04	0.00	0.01	0.02	104.81	ppb
Lead	207-1	0.05	0.04	0.03	0.04	23.15	ppb
Lead	208-1	0.03	0.03	0.01	0.03	40.73	ppb
Lithium	6-1				102		%
Magnesium	24-2	-0.09	1.69	1.45	1.02	95.25	ppb
Manganese	55-2	-0.02	0.03	-0.03	-0.01		ppb
Molybdenum	94-1	0.03	0.04	0.05	0.04	22.67	ppb
Molybdenum	95-1	0.02	0.02	0.01	0.02	31.62	ppb
Molybdenum	96-1	0.03	0.01	0.01	0.02	49.64	ppb
Molybdenum	97-1	0.01	0.00	-0.01	0.00		ppb
Molybdenum	98-1	0.04	0.02	0.00	0.02	84.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.07	-0.09	-0.10	-0.08		ppb
Phosphorus	31-2	-9.16	18.49	-22.31	-4.33		ppb
Potassium	39-2	11.67	19.50	12.32	14.50	29.99	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	82-1	-1.67	-1.47	-1.54	-1.56		ppb
Selenium	77-2	-1.33	-0.03	-1.33	-0.90		ppb
Selenium	78-2	-1.17	0.17	-0.93	-0.64		ppb
Silicon	28-1	-7.17	-5.13	-11.16	-7.82		ppb
Silver	107-1	0.01	0.02	0.00	0.01	85.13	ppb
Silver	109-1	0.02	0.01	0.02	0.02	27.63	ppb
Sodium	23-2	12.87	7.20	10.32	10.13	27.99	ppb
Strontium	86-1	0.02	-0.10	0.16	0.03	452.29	ppb
Strontium	88-1	0.02	0.01	0.01	0.01	52.89	ppb
Sulfur	34-1	40.95	310.81	-105.02	82.25	256.50	ppb
Terbium	159-1				99		%
Terbium	159-2				100		%
Thallium	203-1	-0.01	-0.02	0.01	-0.01		ppb
Thallium	205-1	-0.01	0.00	0.01	0.00		ppb
Tin	118-1	-0.17	-0.19	-0.18	-0.18		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	PB141391BL	Instrumnet Name :	P8
Client Sample ID :	PBW391	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 13:43:21	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.08	0.03	0.15	0.03	356.08	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	43.61	ppb
Vanadium	51-2	-0.01	0.00	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				100		%
Zinc	66-2	0.27	0.21	0.25	0.24	11.55	ppb
Zirconium	90-1	0.00	0.01	0.00	0.00		ppb
Zirconium	91-1	0.01	0.03	0.04	0.02	55.49	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	PB141391BS	Instrumnet Name :	P8
Client Sample ID :	LCS391	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 13:46:24	DataFile Name :	023LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39.50	39.22	41.50	40.07	3.11	ppb
Antimony	121-1	3.70	3.66	3.83	3.73	2.36	ppb
Arsenic	75-2	1.91	1.92	1.94	1.92	0.74	ppb
Barium	135-1	18.73	18.06	18.33	18.37	1.84	ppb
Barium	137-1	18.91	18.24	17.92	18.36	2.76	ppb
Beryllium	9-1	2.00	2.03	1.90	1.98	3.49	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Boron	10-1	41.42	46.53	46.02	44.66	6.30	ppb
Boron	11-1	42.62	45.32	46.53	44.82	4.47	ppb
Bromine	81-1						cps
Cadmium	111-1	1.92	1.62	1.76	1.77	8.40	ppb
Cadmium	106-1	0.36	-1.82	-0.24	-0.57		ppb
Cadmium	108-1	1.73	1.86	1.71	1.76	4.67	ppb
Calcium	43-1	920.55	927.71	937.81	928.69	0.93	ppb
Calcium	44-1	922.83	938.78	956.45	939.35	1.79	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.63	3.39	3.68	3.57	4.44	ppb
Cobalt	59-2	1.84	1.79	1.85	1.83	1.99	ppb
Copper	63-2	3.86	3.82	4.11	3.93	3.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	54-2	474.33	453.72	475.21	467.76	2.60	ppb
Iron	56-2	453.13	438.60	471.33	454.35	3.61	ppb
Iron	57-2	447.82	428.34	471.80	449.32	4.84	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	PB141391BS	Instrumnet Name :	P8
Client Sample ID :	LCS391	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 13:46:24	DataFile Name :	023LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.81	1.66	1.64	1.70	5.57	ppb
Lead	207-1	1.80	1.72	1.96	1.83	6.79	ppb
Lead	208-1	1.76	1.77	1.77	1.77	0.35	ppb
Lithium	6-1				103		%
Magnesium	24-2	1007.29	970.37	1048.00	1008.56	3.85	ppb
Manganese	55-2	1.91	2.00	1.93	1.95	2.34	ppb
Molybdenum	94-1	11.28	11.68	11.58	11.51	1.82	ppb
Molybdenum	95-1	9.60	9.71	9.59	9.63	0.72	ppb
Molybdenum	96-1	9.66	10.00	9.81	9.82	1.75	ppb
Molybdenum	97-1	10.02	9.98	10.18	10.06	1.05	ppb
Molybdenum	98-1	9.64	9.44	10.01	9.70	3.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.85	1.78	2.02	1.88	6.67	ppb
Phosphorus	31-2	54.28	27.39	24.91	35.53	45.85	ppb
Potassium	39-2	993.34	950.48	1014.83	986.22	3.32	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	82-1	7.16	7.59	8.85	7.87	11.21	ppb
Selenium	77-2	12.04	2.57	12.27	8.96	61.74	ppb
Selenium	78-2	11.39	10.19	7.87	9.82	18.24	ppb
Silicon	28-1	12.42	16.71	21.26	16.79	26.30	ppb
Silver	107-1	1.87	1.79	1.86	1.84	2.55	ppb
Silver	109-1	1.93	1.96	1.86	1.92	2.78	ppb
Sodium	23-2	987.27	951.30	1003.02	980.53	2.70	ppb
Strontium	86-1	1.87	1.64	1.95	1.82	8.70	ppb
Strontium	88-1	1.90	1.88	1.93	1.90	1.13	ppb
Sulfur	34-1	-342.67	-17.48	29.25	-110.30		ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	1.65	1.63	1.83	1.70	6.55	ppb
Thallium	205-1	1.78	1.71	1.84	1.78	3.44	ppb
Tin	118-1	9.31	9.04	9.74	9.37	3.77	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	PB141391BS	Instrumnet Name :	P8
Client Sample ID :	LCS391	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 13:46:24	DataFile Name :	023LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	9.63	9.31	9.90	9.61	3.07	ppb
Uranium	238-1	1.78	1.58	1.72	1.69	5.94	ppb
Vanadium	51-2	9.10	8.66	9.29	9.02	3.58	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	10.20	8.85	9.49	9.51	7.12	ppb
Zirconium	90-1	1.85	1.79	1.77	1.80	2.51	ppb
Zirconium	91-1	1.83	1.78	1.71	1.78	3.25	ppb

LB Number : LB117894 Operator : Jaswal
 Lab Sample ID : PB141395BL Instrumnet Name : P8
 Client Sample ID : PBW395 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-19 13:49:28 DataFile Name : 024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.35	27.50	2.44	9.86	155.49	ppb
Antimony	121-1	0.01	0.03	0.03	0.02	48.62	ppb
Arsenic	75-2	-0.05	0.08	-0.06	-0.01		ppb
Barium	135-1	-0.01	0.00	0.01	0.00	3511.84	ppb
Barium	137-1	-0.03	-0.02	-0.03	-0.03		ppb
Beryllium	9-1	-0.02	0.00	-0.01	-0.01		ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Boron	10-1	8.53	7.84	6.69	7.69	12.10	ppb
Boron	11-1	7.45	7.01	6.87	7.11	4.22	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.19	-0.18	-0.39	-0.25		ppb
Cadmium	106-1	-2.26	-2.33	-5.23	-3.27		ppb
Cadmium	108-1	0.06	-0.10	-0.22	-0.09		ppb
Calcium	43-1	-1.03	0.92	-0.28	-0.13		ppb
Calcium	44-1	0.38	-0.44	0.08	0.00	9282.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.05	0.14	0.04	0.08	71.42	ppb
Cobalt	59-2	-0.01	0.16	0.02	0.06	161.08	ppb
Copper	63-2	-0.04	1.20	0.19	0.45	147.24	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				99		%
Holmium	165-2				100		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	54-2	0.22	46.39	4.81	17.14	148.39	ppb
Iron	56-2	0.32	45.42	5.22	16.99	145.71	ppb
Iron	57-2	0.28	41.44	5.31	15.68	143.23	ppb

LB Number : LB117894 Operator : Jaswal
 Lab Sample ID : PB141395BL Instrumnet Name : P8
 Client Sample ID : PBW395 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-19 13:49:28 DataFile Name : 024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	-0.04	-0.01	-0.02	-0.02		ppb
Lead	207-1	0.03	0.00	-0.02	0.00	1128.04	ppb
Lead	208-1	0.00	0.01	0.01	0.01	49.19	ppb
Lithium	6-1				102		%
Magnesium	24-2	1.00	65.32	7.86	24.73	142.85	ppb
Manganese	55-2	0.02	1.44	0.20	0.56	138.36	ppb
Molybdenum	94-1	0.00	0.03	-0.02	0.00	1195.64	ppb
Molybdenum	95-1	-0.01	-0.02	0.01	-0.01		ppb
Molybdenum	96-1	0.03	-0.01	0.00	0.01	206.53	ppb
Molybdenum	97-1	0.00	0.00	0.02	0.01	99.30	ppb
Molybdenum	98-1	0.00	-0.01	0.02	0.00	338.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.06	0.11	-0.02	0.01	856.75	ppb
Phosphorus	31-2	-2.00	4.36	-5.33	-0.99		ppb
Potassium	39-2	18.08	57.83	29.19	35.04	58.54	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	82-1	-1.35	-0.84	-0.15	-0.78		ppb
Selenium	77-2	0.02	-1.33	-0.01	-0.44		ppb
Selenium	78-2	0.73	-1.29	-0.65	-0.40		ppb
Silicon	28-1	-2.30	-6.31	-6.08	-4.90		ppb
Silver	107-1	0.01	0.02	0.02	0.02	31.79	ppb
Silver	109-1	0.03	0.02	0.03	0.03	31.87	ppb
Sodium	23-2	9.40	58.62	15.72	27.91	95.96	ppb
Strontium	86-1	-0.08	0.09	0.03	0.01	609.98	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	39.76	ppb
Sulfur	34-1	-50.55	-102.84	-172.70	-108.69		ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	-0.01	-0.04	-0.02	-0.02		ppb
Thallium	205-1	0.02	-0.01	-0.01	0.00		ppb
Tin	118-1	-0.13	-0.21	-0.16	-0.17		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	PB141395BL	Instrumnet Name :	P8
Client Sample ID :	PBW395	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 13:49:28	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.05	-0.01	-0.10	-0.05		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	148.15	ppb
Vanadium	51-2	-0.01	0.18	0.02	0.07	155.46	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	0.55	1.71	0.77	1.01	61.02	ppb
Zirconium	90-1	-0.01	0.00	0.00	0.00		ppb
Zirconium	91-1	-0.02	0.02	0.03	0.01	268.92	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	PB141395BS	Instrumnet Name :	P8
Client Sample ID :	LCS395	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 13:52:31	DataFile Name :	025LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39.51	39.18	39.59	39.43	0.56	ppb
Antimony	121-1	3.57	3.83	3.43	3.61	5.67	ppb
Arsenic	75-2	1.93	1.88	1.79	1.87	3.70	ppb
Barium	135-1	18.40	18.15	18.24	18.27	0.71	ppb
Barium	137-1	19.80	18.84	18.18	18.94	4.29	ppb
Beryllium	9-1	2.03	2.01	2.06	2.04	1.22	ppb
Bismuth	209-1				100		%
Bismuth	209-2				97		%
Boron	10-1	44.05	46.10	47.01	45.72	3.32	ppb
Boron	11-1	43.54	45.72	46.86	45.37	3.72	ppb
Bromine	81-1						cps
Cadmium	111-1	1.90	1.95	1.70	1.85	7.18	ppb
Cadmium	106-1	1.00	-0.12	-0.72	0.05	1668.28	ppb
Cadmium	108-1	1.44	1.16	1.67	1.42	17.96	ppb
Calcium	43-1	938.03	917.91	924.41	926.78	1.11	ppb
Calcium	44-1	942.17	941.61	962.56	948.78	1.26	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.75	3.66	3.65	3.69	1.59	ppb
Cobalt	59-2	1.93	1.90	1.90	1.91	0.93	ppb
Copper	63-2	3.79	4.03	3.83	3.88	3.41	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				99		%
Holmium	165-2				98		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	54-2	473.26	468.19	462.75	468.07	1.12	ppb
Iron	56-2	460.65	454.89	453.46	456.33	0.83	ppb
Iron	57-2	455.95	466.92	437.38	453.42	3.29	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	PB141395BS	Instrumnet Name :	P8
Client Sample ID :	LCS395	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 13:52:31	DataFile Name :	025LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.69	1.68	1.65	1.67	1.18	ppb
Lead	207-1	1.65	1.89	1.70	1.75	7.34	ppb
Lead	208-1	1.71	1.81	1.77	1.76	2.77	ppb
Lithium	6-1				101		%
Magnesium	24-2	1020.27	987.68	981.15	996.37	2.10	ppb
Manganese	55-2	1.95	1.77	1.71	1.81	6.70	ppb
Molybdenum	94-1	12.18	11.86	12.03	12.03	1.34	ppb
Molybdenum	95-1	10.47	9.51	9.95	9.97	4.81	ppb
Molybdenum	96-1	10.37	10.03	9.85	10.08	2.63	ppb
Molybdenum	97-1	10.41	10.29	9.80	10.17	3.18	ppb
Molybdenum	98-1	9.86	9.98	9.90	9.91	0.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.83	1.80	1.73	1.79	2.98	ppb
Phosphorus	31-2	42.31	38.29	29.59	36.73	17.70	ppb
Potassium	39-2	1003.36	984.44	982.69	990.17	1.16	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	82-1	8.46	9.07	9.21	8.91	4.43	ppb
Selenium	77-2	9.47	6.86	6.79	7.71	19.83	ppb
Selenium	78-2	7.88	8.81	9.02	8.57	7.11	ppb
Silicon	28-1	16.30	15.02	21.94	17.75	20.75	ppb
Silver	107-1	1.79	1.83	1.91	1.85	3.26	ppb
Silver	109-1	1.81	1.84	1.93	1.86	3.48	ppb
Sodium	23-2	1004.29	990.84	979.29	991.47	1.26	ppb
Strontium	86-1	2.03	2.10	1.85	1.99	6.52	ppb
Strontium	88-1	1.99	1.99	1.96	1.98	0.82	ppb
Sulfur	34-1	-196.90	-521.45	-138.76	-285.70		ppb
Terbium	159-1				99		%
Terbium	159-2				96		%
Thallium	203-1	1.60	1.83	1.77	1.74	6.81	ppb
Thallium	205-1	1.74	1.71	1.65	1.70	2.80	ppb
Tin	118-1	9.39	9.25	9.26	9.30	0.86	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	PB141395BS	Instrumnet Name :	P8
Client Sample ID :	LCS395	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 13:52:31	DataFile Name :	025LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	9.26	9.72	9.61	9.53	2.53	ppb
Uranium	238-1	1.66	1.82	1.69	1.72	5.00	ppb
Vanadium	51-2	9.33	8.89	8.99	9.07	2.54	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				97		%
Zinc	66-2	9.57	9.81	9.51	9.63	1.65	ppb
Zirconium	90-1	1.86	1.88	1.84	1.86	1.06	ppb
Zirconium	91-1	1.86	1.94	1.84	1.88	2.89	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	PB141396BL	Instrumnet Name :	P8
Client Sample ID :	PBW396	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 13:55:36	DataFile Name :	026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.42	2.31	2.59	2.77	20.82	ppb
Antimony	121-1	0.04	0.02	0.12	0.06	99.21	ppb
Arsenic	75-2	-0.06	0.01	-0.04	-0.03		ppb
Barium	135-1	-0.02	0.02	0.31	0.10	173.20	ppb
Barium	137-1	-0.02	-0.03	0.39	0.11	217.03	ppb
Beryllium	9-1	0.00	0.01	0.14	0.05	152.32	ppb
Bismuth	209-1				94		%
Bismuth	209-2				100		%
Boron	10-1	8.31	8.42	7.99	8.24	2.73	ppb
Boron	11-1	8.76	8.26	7.81	8.28	5.69	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.02	-0.22	-0.19	-0.14		ppb
Cadmium	106-1	0.07	-2.88	-3.41	-2.07		ppb
Cadmium	108-1	-0.21	-0.15	0.64	0.10	493.88	ppb
Calcium	43-1	-3.29	-2.45	41.24	11.83	215.30	ppb
Calcium	44-1	2.86	5.36	45.05	17.76	133.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.05	0.01	0.00	0.02	144.47	ppb
Cobalt	59-2	0.00	0.01	0.03	0.01	83.67	ppb
Copper	63-2	0.10	0.11	0.12	0.11	8.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				102		%
Indium	115-1				98		%
Indium	115-2				100		%
Iron	54-2	4.20	4.19	3.50	3.96	10.17	ppb
Iron	56-2	4.49	4.34	3.89	4.24	7.31	ppb
Iron	57-2	1.82	5.55	7.70	5.02	59.18	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	PB141396BL	Instrumnet Name :	P8
Client Sample ID :	PBW396	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 13:55:36	DataFile Name :	026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.00	0.01	0.36	0.12	168.24	ppb
Lead	207-1	0.05	0.03	0.34	0.14	121.89	ppb
Lead	208-1	0.02	0.02	0.39	0.14	146.44	ppb
Lithium	6-1				97		%
Magnesium	24-2	10.40	6.72	7.60	8.24	23.31	ppb
Manganese	55-2	0.10	0.19	0.22	0.17	34.38	ppb
Molybdenum	94-1	-0.03	0.03	0.94	0.31	173.87	ppb
Molybdenum	95-1	-0.02	0.02	0.78	0.26	173.59	ppb
Molybdenum	96-1	0.02	0.04	0.89	0.32	156.80	ppb
Molybdenum	97-1	-0.02	0.01	0.98	0.32	176.94	ppb
Molybdenum	98-1	0.04	0.02	0.96	0.34	159.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.07	-0.06	-0.04		ppb
Phosphorus	31-2	9.16	43.72	-4.77	16.04	155.72	ppb
Potassium	39-2	10.11	0.55	17.18	9.28	89.96	ppb
Rhodium	103-1				96		%
Rhodium	103-2				102		%
Scandium	45-1				93		%
Scandium	45-2				99		%
Selenium	82-1	-1.62	-1.69	-1.14	-1.48		ppb
Selenium	77-2	-0.03	-0.02	-1.33	-0.46		ppb
Selenium	78-2	-1.69	-0.82	0.37	-0.71		ppb
Silicon	28-1	2.20	19.02	6.77	9.33	93.21	ppb
Silver	107-1	0.00	0.01	0.02	0.01	66.60	ppb
Silver	109-1	0.02	0.00	0.02	0.01	82.19	ppb
Sodium	23-2	17.66	11.20	19.43	16.10	26.94	ppb
Strontium	86-1	0.21	0.02	0.97	0.40	124.77	ppb
Strontium	88-1	0.01	0.01	0.72	0.24	168.28	ppb
Sulfur	34-1	639.62	1052.45	670.60	787.56	29.19	ppb
Terbium	159-1				95		%
Terbium	159-2				103		%
Thallium	203-1	0.01	0.02	0.09	0.04	114.27	ppb
Thallium	205-1	-0.01	0.00	0.07	0.02	194.76	ppb
Tin	118-1	-0.16	-0.08	0.02	-0.08		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	PB141396BL	Instrumnet Name :	P8
Client Sample ID :	PBW396	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 13:55:36	DataFile Name :	026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.03	-0.10	1.13	0.34	206.66	ppb
Uranium	238-1	0.00	0.00	0.09	0.03	156.55	ppb
Vanadium	51-2	0.01	0.01	0.02	0.01	25.27	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				94		%
Yttrium	89-2				99		%
Zinc	66-2	0.33	0.19	0.34	0.29	28.76	ppb
Zirconium	90-1	0.01	0.00	0.06	0.02	120.58	ppb
Zirconium	91-1	-0.01	0.00	0.06	0.02	220.04	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	PB141396BS	Instrumnet Name :	P8
Client Sample ID :	LCS396	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 13:58:38	DataFile Name :	027LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39.64	38.59	38.14	38.79	1.97	ppb
Antimony	121-1	3.66	3.61	3.66	3.64	0.74	ppb
Arsenic	75-2	2.07	1.78	1.75	1.87	9.37	ppb
Barium	135-1	18.22	18.48	18.28	18.32	0.75	ppb
Barium	137-1	17.85	19.18	18.78	18.60	3.66	ppb
Beryllium	9-1	1.87	2.02	1.94	1.95	3.88	ppb
Bismuth	209-1				101		%
Bismuth	209-2				97		%
Boron	10-1	42.64	47.64	46.09	45.46	5.63	ppb
Boron	11-1	42.55	45.19	48.09	45.28	6.12	ppb
Bromine	81-1						cps
Cadmium	111-1	1.77	2.00	1.87	1.88	6.21	ppb
Cadmium	106-1	0.03	1.32	-1.46	-0.04		ppb
Cadmium	108-1	1.40	1.42	2.01	1.61	21.43	ppb
Calcium	43-1	889.62	961.27	920.47	923.79	3.89	ppb
Calcium	44-1	907.13	966.58	938.37	937.36	3.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.62	3.65	3.59	3.62	0.85	ppb
Cobalt	59-2	1.81	1.77	1.91	1.83	4.01	ppb
Copper	63-2	3.73	3.72	3.70	3.72	0.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	54-2	459.60	467.08	454.70	460.46	1.35	ppb
Iron	56-2	462.09	446.95	454.38	454.47	1.66	ppb
Iron	57-2	431.91	443.55	454.47	443.31	2.54	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	PB141396BS	Instrumnet Name :	P8
Client Sample ID :	LCS396	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 13:58:38	DataFile Name :	027LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.70	1.57	1.66	1.64	4.15	ppb
Lead	207-1	1.74	1.77	1.68	1.73	2.82	ppb
Lead	208-1	1.72	1.71	1.73	1.72	0.76	ppb
Lithium	6-1				102		%
Magnesium	24-2	1009.39	973.53	1008.48	997.13	2.05	ppb
Manganese	55-2	1.88	1.76	1.85	1.83	3.42	ppb
Molybdenum	94-1	11.52	11.57	11.46	11.52	0.45	ppb
Molybdenum	95-1	9.80	9.57	9.82	9.73	1.41	ppb
Molybdenum	96-1	9.76	9.78	10.06	9.87	1.70	ppb
Molybdenum	97-1	10.05	9.29	9.56	9.63	4.01	ppb
Molybdenum	98-1	9.67	9.60	10.15	9.81	3.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.91	1.90	1.73	1.84	5.47	ppb
Phosphorus	31-2	36.76	28.54	46.15	37.15	23.72	ppb
Potassium	39-2	983.68	949.11	968.95	967.25	1.79	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	82-1	8.13	7.52	6.76	7.47	9.16	ppb
Selenium	77-2	10.49	6.55	16.11	11.05	43.47	ppb
Selenium	78-2	7.33	6.74	8.14	7.40	9.52	ppb
Silicon	28-1	10.89	24.43	17.29	17.53	38.65	ppb
Silver	107-1	1.78	1.90	1.93	1.87	4.27	ppb
Silver	109-1	1.79	1.79	1.85	1.81	1.69	ppb
Sodium	23-2	966.09	938.53	991.52	965.38	2.75	ppb
Strontium	86-1	2.06	1.82	2.00	1.96	6.29	ppb
Strontium	88-1	1.87	1.85	1.85	1.86	0.50	ppb
Sulfur	34-1	-189.90	239.16	-225.92	-58.88		ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	1.72	1.63	1.69	1.68	2.52	ppb
Thallium	205-1	1.71	1.71	1.76	1.73	1.64	ppb
Tin	118-1	9.10	9.25	9.80	9.39	3.93	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	PB141396BS	Instrumnet Name :	P8
Client Sample ID :	LCS396	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 13:58:38	DataFile Name :	027LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	9.34	10.05	9.35	9.58	4.23	ppb
Uranium	238-1	1.69	1.81	1.71	1.74	3.76	ppb
Vanadium	51-2	8.72	8.99	9.02	8.91	1.85	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				100		%
Zinc	66-2	10.90	9.68	10.56	10.38	6.07	ppb
Zirconium	90-1	1.91	1.82	1.91	1.88	2.70	ppb
Zirconium	91-1	1.76	1.92	1.85	1.85	4.48	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-01	Instrumnet Name :	P8
Client Sample ID :	MH1E32	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:01:44	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.54	19.23	17.67	18.15	5.19	ppb
Antimony	121-1	3.84	3.90	3.90	3.88	0.80	ppb
Arsenic	75-2	2.15	2.23	2.47	2.28	7.22	ppb
Barium	135-1	58.64	59.53	57.71	58.63	1.56	ppb
Barium	137-1	59.61	57.56	59.40	58.86	1.91	ppb
Beryllium	9-1	-0.01	0.00	0.01	0.00		ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Boron	10-1	37.35	40.00	40.09	39.15	3.98	ppb
Boron	11-1	38.13	38.59	38.42	38.38	0.60	ppb
Bromine	81-1						cps
Cadmium	111-1	0.32	-0.02	0.20	0.17	104.48	ppb
Cadmium	106-1	2.94	-1.40	1.49	1.01	219.50	ppb
Cadmium	108-1	0.31	0.35	-0.06	0.20	112.82	ppb
Calcium	43-1	159375.56	160148.86	161513.63	160346.01	0.68	ppb
Calcium	44-1	162149.17	159001.45	157696.11	159615.57	1.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.16	0.13	0.15	0.15	9.79	ppb
Cobalt	59-2	0.11	0.10	0.08	0.10	17.70	ppb
Copper	63-2	0.71	0.66	0.69	0.69	3.28	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				101		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	54-2	108.46	123.25	114.00	115.24	6.48	ppb
Iron	56-2	116.93	122.09	114.26	117.76	3.38	ppb
Iron	57-2	229.38	229.40	236.40	231.72	1.75	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-01	Instrumnet Name :	P8
Client Sample ID :	MH1E32	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:01:44	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2.07	2.07	2.05	2.06	0.32	ppb
Lead	207-1	2.24	2.07	2.09	2.13	4.31	ppb
Lead	208-1	2.17	2.11	2.12	2.13	1.50	ppb
Lithium	6-1				103		%
Magnesium	24-2	41309.47	42159.90	40882.55	41450.64	1.57	ppb
Manganese	55-2	89.75	90.70	87.82	89.42	1.65	ppb
Molybdenum	94-1	0.89	0.74	1.14	0.92	22.14	ppb
Molybdenum	95-1	0.99	0.98	0.98	0.98	0.54	ppb
Molybdenum	96-1	0.87	0.99	1.01	0.96	8.20	ppb
Molybdenum	97-1	0.95	0.91	0.98	0.94	3.80	ppb
Molybdenum	98-1	1.10	0.99	1.00	1.03	5.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.51	0.51	0.43	0.48	10.35	ppb
Phosphorus	31-2	16.02	21.08	50.73	29.28	64.05	ppb
Potassium	39-2	1735.69	1754.05	1747.54	1745.76	0.53	ppb
Rhodium	103-1				97		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	82-1	1.04	-0.38	1.24	0.63	139.68	ppb
Selenium	77-2	-1.33	1.22	-1.33	-0.48		ppb
Selenium	78-2	-1.96	0.83	-1.85	-1.00		ppb
Silicon	28-1	6464.15	6653.38	6693.52	6603.68	1.85	ppb
Silver	107-1	0.07	0.08	0.05	0.07	19.86	ppb
Silver	109-1	0.08	0.08	0.06	0.07	19.88	ppb
Sodium	23-2	102589.23	102998.24	101726.06	102437.84	0.63	ppb
Strontium	86-1	828.83	863.76	865.35	852.65	2.42	ppb
Strontium	88-1	823.81	835.86	859.06	839.58	2.13	ppb
Sulfur	34-1	52394.56	55657.66	54449.91	54167.38	3.05	ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	0.00	-0.01	-0.02	-0.01		ppb
Thallium	205-1	-0.02	-0.01	-0.02	-0.02		ppb
Tin	118-1	-0.12	-0.07	-0.04	-0.08		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-01	Instrumnet Name :	P8
Client Sample ID :	MH1E32	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:01:44	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.76	0.88	0.51	0.72	26.27	ppb
Uranium	238-1	1.66	1.60	1.67	1.64	2.36	ppb
Vanadium	51-2	0.19	0.19	0.19	0.19	0.74	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				102		%
Zinc	66-2	54.69	54.41	54.24	54.45	0.42	ppb
Zirconium	90-1	0.03	0.05	0.02	0.03	43.36	ppb
Zirconium	91-1	0.00	0.03	0.01	0.01	131.91	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-02	Instrumnet Name :	P8
Client Sample ID :	MH1E36	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:04:39	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	69.10	66.39	67.22	67.57	2.05	ppb
Antimony	121-1	5.80	5.39	5.84	5.67	4.41	ppb
Arsenic	75-2	5.62	5.35	5.34	5.44	2.94	ppb
Barium	135-1	54.84	52.87	54.82	54.17	2.09	ppb
Barium	137-1	56.27	52.60	53.80	54.22	3.45	ppb
Beryllium	9-1	0.01	0.00	0.01	0.00	186.25	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Boron	10-1	38.07	38.09	41.73	39.30	5.36	ppb
Boron	11-1	38.71	40.11	42.23	40.35	4.39	ppb
Bromine	81-1						cps
Cadmium	111-1	1.04	0.54	0.69	0.75	33.81	ppb
Cadmium	106-1	2.03	-2.94	-1.98	-0.96		ppb
Cadmium	108-1	0.99	1.27	0.59	0.95	35.80	ppb
Calcium	43-1	125019.42	122711.49	119827.22	122519.38	2.12	ppb
Calcium	44-1	123703.13	123287.23	121231.67	122740.68	1.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.21	0.22	0.22	0.22	4.05	ppb
Cobalt	59-2	0.30	0.32	0.32	0.31	4.81	ppb
Copper	63-2	2.25	2.15	2.25	2.22	2.48	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				102		%
Holmium	165-2				101		%
Indium	115-1				104		%
Indium	115-2				98		%
Iron	54-2	364.27	350.75	336.67	350.56	3.94	ppb
Iron	56-2	360.20	359.14	352.41	357.25	1.18	ppb
Iron	57-2	442.18	438.80	425.54	435.51	2.02	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-02	Instrumnet Name :	P8
Client Sample ID :	MH1E36	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:04:39	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	25.25	26.17	25.88	25.76	1.82	ppb
Lead	207-1	26.56	26.09	26.24	26.29	0.91	ppb
Lead	208-1	26.37	26.30	26.23	26.30	0.27	ppb
Lithium	6-1				108		%
Magnesium	24-2	29797.34	28491.11	28153.82	28814.09	3.01	ppb
Manganese	55-2	265.88	262.48	259.48	262.61	1.22	ppb
Molybdenum	94-1	1.26	1.19	1.21	1.22	3.02	ppb
Molybdenum	95-1	1.35	1.24	1.37	1.32	5.49	ppb
Molybdenum	96-1	1.33	1.24	1.34	1.30	4.28	ppb
Molybdenum	97-1	1.30	1.38	1.26	1.32	4.69	ppb
Molybdenum	98-1	1.30	1.36	1.30	1.32	2.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.14	1.02	1.01	1.06	7.04	ppb
Phosphorus	31-2	2.68	16.76	-11.15	2.76	504.87	ppb
Potassium	39-2	2404.36	2322.03	2422.44	2382.94	2.25	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				105		%
Scandium	45-2				100		%
Selenium	82-1	0.92	-1.26	-1.31	-0.55		ppb
Selenium	77-2	-1.33	-1.33	1.27	-0.47		ppb
Selenium	78-2	-0.10	1.46	1.01	0.79	102.00	ppb
Silicon	28-1	6701.44	6526.28	6271.70	6499.80	3.32	ppb
Silver	107-1	0.11	0.10	0.08	0.10	18.49	ppb
Silver	109-1	0.09	0.11	0.08	0.09	16.40	ppb
Sodium	23-2	105663.91	102990.80	104396.82	104350.51	1.28	ppb
Strontium	86-1	562.54	575.71	561.20	566.48	1.42	ppb
Strontium	88-1	556.56	563.93	556.10	558.86	0.79	ppb
Sulfur	34-1	46050.22	44499.22	42439.13	44329.52	4.09	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.01	0.03	0.04	0.02	72.88	ppb
Thallium	205-1	0.02	0.06	0.05	0.04	43.05	ppb
Tin	118-1	-0.13	-0.08	-0.06	-0.09		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-02	Instrumnet Name :	P8
Client Sample ID :	MH1E36	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:04:39	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.79	1.64	1.53	1.65	7.99	ppb
Uranium	238-1	1.56	1.50	1.64	1.57	4.71	ppb
Vanadium	51-2	0.48	0.52	0.50	0.50	4.34	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	351.14	341.03	344.36	345.51	1.49	ppb
Zirconium	90-1	0.07	0.06	0.06	0.06	9.88	ppb
Zirconium	91-1	0.06	0.05	0.03	0.05	31.17	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-03	Instrumnet Name :	P8
Client Sample ID :	MH1E38	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:07:37	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	94.14	88.30	85.46	89.30	4.95	ppb
Antimony	121-1	5.88	5.99	5.81	5.89	1.51	ppb
Arsenic	75-2	6.33	5.86	5.62	5.94	6.06	ppb
Barium	135-1	52.98	55.05	56.10	54.71	2.90	ppb
Barium	137-1	54.97	55.56	54.68	55.07	0.81	ppb
Beryllium	9-1	-0.01	0.01	0.00	0.00		ppb
Bismuth	209-1				100		%
Bismuth	209-2				93		%
Boron	10-1	39.62	38.52	40.74	39.63	2.80	ppb
Boron	11-1	41.46	40.06	41.15	40.89	1.80	ppb
Bromine	81-1						cps
Cadmium	111-1	0.99	1.27	1.15	1.13	12.52	ppb
Cadmium	106-1	-1.31	3.41	0.93	1.01	234.17	ppb
Cadmium	108-1	0.79	1.36	1.11	1.09	26.55	ppb
Calcium	43-1	125306.26	128184.85	124121.33	125870.81	1.66	ppb
Calcium	44-1	127759.14	125602.59	124929.99	126097.24	1.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.41	0.42	0.31	0.38	16.11	ppb
Cobalt	59-2	0.37	0.34	0.35	0.35	4.50	ppb
Copper	63-2	2.96	2.93	2.79	2.89	3.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				97		%
Indium	115-1				103		%
Indium	115-2				94		%
Iron	54-2	451.69	416.68	416.37	428.24	4.74	ppb
Iron	56-2	443.71	413.09	413.23	423.34	4.17	ppb
Iron	57-2	533.34	504.03	511.32	516.23	2.96	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-03	Instrumnet Name :	P8
Client Sample ID :	MH1E38	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:07:37	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	35.09	33.39	33.53	34.00	2.78	ppb
Lead	207-1	35.35	34.45	34.84	34.88	1.29	ppb
Lead	208-1	35.31	34.96	34.67	34.98	0.92	ppb
Lithium	6-1				105		%
Magnesium	24-2	31717.16	30069.35	29550.61	30445.71	3.72	ppb
Manganese	55-2	302.66	287.11	280.80	290.19	3.88	ppb
Molybdenum	94-1	1.32	1.25	1.04	1.21	12.13	ppb
Molybdenum	95-1	1.20	1.36	1.39	1.32	7.59	ppb
Molybdenum	96-1	1.32	1.26	1.27	1.28	2.45	ppb
Molybdenum	97-1	1.34	1.36	1.24	1.31	5.02	ppb
Molybdenum	98-1	1.31	1.28	1.29	1.29	1.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.29	1.23	1.12	1.21	7.23	ppb
Phosphorus	31-2	39.53	24.59	31.55	31.89	23.44	ppb
Potassium	39-2	2640.53	2502.37	2470.21	2537.70	3.57	ppb
Rhodium	103-1				99		%
Rhodium	103-2				95		%
Scandium	45-1				102		%
Scandium	45-2				94		%
Selenium	82-1	-0.41	1.37	-1.08	-0.04		ppb
Selenium	77-2	1.48	1.45	2.74	1.89	39.07	ppb
Selenium	78-2	0.79	0.19	2.00	0.99	92.69	ppb
Silicon	28-1	6624.06	7013.96	6480.01	6706.01	4.12	ppb
Silver	107-1	0.14	0.13	0.14	0.14	4.82	ppb
Silver	109-1	0.15	0.14	0.14	0.14	2.91	ppb
Sodium	23-2	114742.07	105683.03	106890.76	109105.29	4.51	ppb
Strontium	86-1	563.46	573.03	549.01	561.83	2.15	ppb
Strontium	88-1	549.39	554.26	552.48	552.04	0.45	ppb
Sulfur	34-1	44968.39	47405.72	44437.74	45603.95	3.47	ppb
Terbium	159-1				102		%
Terbium	159-2				96		%
Thallium	203-1	0.01	0.03	0.00	0.01	121.09	ppb
Thallium	205-1	0.04	0.03	0.01	0.03	53.29	ppb
Tin	118-1	-0.11	-0.12	-0.12	-0.12		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-03	Instrumnet Name :	P8
Client Sample ID :	MH1E38	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:07:37	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.44	2.66	2.27	2.45	7.96	ppb
Uranium	238-1	1.56	1.55	1.50	1.54	2.00	ppb
Vanadium	51-2	0.55	0.56	0.54	0.55	1.61	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				95		%
Zinc	66-2	386.06	366.11	365.71	372.63	3.12	ppb
Zirconium	90-1	0.06	0.06	0.08	0.07	13.80	ppb
Zirconium	91-1	0.07	0.08	0.10	0.08	15.38	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-04	Instrumnet Name :	P8
Client Sample ID :	MH1E40	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:10:32	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	70.59	70.51	68.48	69.86	1.72	ppb
Antimony	121-1	5.76	5.64	5.59	5.66	1.50	ppb
Arsenic	75-2	5.11	5.05	4.99	5.05	1.16	ppb
Barium	135-1	54.58	50.57	54.23	53.13	4.18	ppb
Barium	137-1	56.65	52.22	53.56	54.14	4.20	ppb
Beryllium	9-1	-0.01	0.00	-0.01	0.00		ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Boron	10-1	35.63	41.57	39.00	38.73	7.69	ppb
Boron	11-1	36.69	39.12	40.99	38.93	5.54	ppb
Bromine	81-1						cps
Cadmium	111-1	0.81	0.69	0.87	0.79	11.30	ppb
Cadmium	106-1	0.31	-0.72	0.46	0.02	3479.08	ppb
Cadmium	108-1	1.38	1.63	1.17	1.39	16.44	ppb
Calcium	43-1	123340.17	122006.88	128249.45	124532.17	2.64	ppb
Calcium	44-1	121904.58	128248.13	123284.42	124479.04	2.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.37	0.26	0.36	0.33	17.72	ppb
Cobalt	59-2	0.31	0.32	0.29	0.31	4.27	ppb
Copper	63-2	2.15	2.09	2.14	2.13	1.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	54-2	341.10	342.40	352.09	345.20	1.74	ppb
Iron	56-2	333.07	339.65	339.16	337.30	1.09	ppb
Iron	57-2	407.34	414.64	436.23	419.40	3.58	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-04	Instrumnet Name :	P8
Client Sample ID :	MH1E40	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:10:32	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	26.58	26.57	26.19	26.45	0.85	ppb
Lead	207-1	27.54	26.81	26.50	26.95	1.97	ppb
Lead	208-1	27.00	26.81	26.44	26.75	1.07	ppb
Lithium	6-1				109		%
Magnesium	24-2	28484.54	28549.13	29207.14	28746.93	1.39	ppb
Manganese	55-2	254.57	256.24	257.92	256.24	0.65	ppb
Molybdenum	94-1	1.46	1.47	1.21	1.38	10.52	ppb
Molybdenum	95-1	1.35	1.37	1.26	1.33	4.69	ppb
Molybdenum	96-1	1.45	1.39	1.24	1.36	8.30	ppb
Molybdenum	97-1	1.51	1.42	1.54	1.49	4.42	ppb
Molybdenum	98-1	1.35	1.34	1.33	1.34	1.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.12	1.14	1.05	1.10	4.52	ppb
Phosphorus	31-2	-0.36	19.50	43.58	20.91	105.24	ppb
Potassium	39-2	2287.58	2296.94	2361.47	2315.33	1.74	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	82-1	-0.94	0.69	1.31	0.35	329.88	ppb
Selenium	77-2	-0.01	-0.05	3.86	1.27	177.33	ppb
Selenium	78-2	1.04	-1.67	-0.91	-0.52		ppb
Silicon	28-1	6511.95	6763.36	6746.36	6673.89	2.11	ppb
Silver	107-1	0.12	0.10	0.09	0.10	16.10	ppb
Silver	109-1	0.13	0.10	0.12	0.12	11.55	ppb
Sodium	23-2	101897.55	102167.12	103107.55	102390.74	0.62	ppb
Strontium	86-1	570.30	559.11	552.88	560.76	1.57	ppb
Strontium	88-1	560.30	563.36	549.87	557.84	1.27	ppb
Sulfur	34-1	45216.32	45710.30	49081.67	46669.43	4.51	ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	-0.01	0.02	0.01	0.01	179.19	ppb
Thallium	205-1	0.04	0.05	0.03	0.04	31.53	ppb
Tin	118-1	-0.06	-0.09	-0.14	-0.10		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-04	Instrumnet Name :	P8
Client Sample ID :	MH1E40	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:10:32	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.65	1.93	2.04	1.88	10.85	ppb
Uranium	238-1	1.53	1.57	1.47	1.52	3.20	ppb
Vanadium	51-2	0.51	0.44	0.51	0.48	7.86	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	334.30	327.79	334.28	332.13	1.13	ppb
Zirconium	90-1	0.09	0.07	0.06	0.07	17.79	ppb
Zirconium	91-1	0.09	0.04	0.09	0.07	39.03	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-05	Instrumnet Name :	P8
Client Sample ID :	MH1E42	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:13:30	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	83.93	83.49	83.78	83.73	0.27	ppb
Antimony	121-1	6.86	6.02	6.51	6.46	6.54	ppb
Arsenic	75-2	6.48	5.92	6.15	6.18	4.53	ppb
Barium	135-1	56.94	51.56	53.54	54.02	5.04	ppb
Barium	137-1	59.11	52.41	53.88	55.13	6.39	ppb
Beryllium	9-1	0.01	0.00	0.00	0.00	338.94	ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Boron	10-1	38.48	40.29	39.47	39.41	2.29	ppb
Boron	11-1	40.01	41.24	40.29	40.51	1.58	ppb
Bromine	81-1						cps
Cadmium	111-1	1.10	0.76	0.87	0.91	19.18	ppb
Cadmium	106-1	2.05	-0.52	-0.80	0.24	643.77	ppb
Cadmium	108-1	1.19	1.14	1.16	1.17	2.20	ppb
Calcium	43-1	126387.57	119364.76	125709.82	123820.72	3.13	ppb
Calcium	44-1	124515.81	122982.44	122744.41	123414.22	0.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.18	0.24	0.25	0.23	17.52	ppb
Cobalt	59-2	0.25	0.30	0.30	0.28	9.50	ppb
Copper	63-2	2.77	2.83	2.72	2.78	2.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				98		%
Iron	54-2	426.47	420.87	418.64	422.00	0.96	ppb
Iron	56-2	423.05	416.69	414.85	418.20	1.03	ppb
Iron	57-2	490.17	508.03	511.76	503.32	2.29	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-05	Instrumnet Name :	P8
Client Sample ID :	MH1E42	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:13:30	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	35.77	33.96	34.73	34.82	2.61	ppb
Lead	207-1	35.83	33.48	35.03	34.78	3.43	ppb
Lead	208-1	36.72	34.17	35.50	35.46	3.60	ppb
Lithium	6-1				109		%
Magnesium	24-2	29639.95	29416.44	29800.04	29618.81	0.65	ppb
Manganese	55-2	246.05	242.98	240.89	243.30	1.07	ppb
Molybdenum	94-1	1.30	1.11	1.31	1.24	9.27	ppb
Molybdenum	95-1	1.27	1.44	1.26	1.32	7.69	ppb
Molybdenum	96-1	1.31	1.24	1.26	1.27	2.84	ppb
Molybdenum	97-1	1.33	1.30	1.37	1.33	2.46	ppb
Molybdenum	98-1	1.28	1.37	1.40	1.35	4.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.15	0.97	1.04	1.05	8.56	ppb
Phosphorus	31-2	28.20	43.92	-7.34	21.60	121.60	ppb
Potassium	39-2	2418.83	2398.33	2410.96	2409.38	0.43	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	82-1	0.53	-0.92	0.37	-0.01		ppb
Selenium	77-2	-1.33	-1.33	1.23	-0.48		ppb
Selenium	78-2	1.07	-2.00	-0.52	-0.48		ppb
Silicon	28-1	6656.20	6671.16	6772.59	6699.99	0.95	ppb
Silver	107-1	0.12	0.08	0.11	0.10	19.28	ppb
Silver	109-1	0.14	0.11	0.13	0.13	13.94	ppb
Sodium	23-2	105433.14	106449.16	105254.27	105712.19	0.61	ppb
Strontium	86-1	579.13	564.22	579.57	574.31	1.52	ppb
Strontium	88-1	576.57	539.83	563.21	559.87	3.32	ppb
Sulfur	34-1	47487.27	44607.48	47268.41	46454.39	3.45	ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	0.03	0.01	0.03	0.02	46.43	ppb
Thallium	205-1	0.03	0.03	0.02	0.03	20.12	ppb
Tin	118-1	-0.10	-0.17	-0.13	-0.14		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-05	Instrumnet Name :	P8
Client Sample ID :	MH1E42	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:13:30	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.47	2.15	2.58	3.07	40.39	ppb
Uranium	238-1	1.60	1.53	1.58	1.57	2.43	ppb
Vanadium	51-2	0.60	0.63	0.61	0.61	2.60	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	324.82	321.03	316.80	320.88	1.25	ppb
Zirconium	90-1	0.06	0.06	0.08	0.07	16.13	ppb
Zirconium	91-1	0.05	0.06	0.05	0.05	5.93	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-06	Instrumnet Name :	P8
Client Sample ID :	MH1E44	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:16:26	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	169.08	170.03	168.54	169.22	0.45	ppb
Antimony	121-1	7.69	7.72	7.81	7.74	0.83	ppb
Arsenic	75-2	8.46	8.71	8.84	8.67	2.24	ppb
Barium	135-1	56.00	58.38	61.11	58.49	4.37	ppb
Barium	137-1	58.13	58.09	61.90	59.37	3.69	ppb
Beryllium	9-1	0.00	0.00	0.01	0.00		ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Boron	10-1	37.07	43.12	45.53	41.90	10.40	ppb
Boron	11-1	38.65	40.33	45.96	41.65	9.20	ppb
Bromine	81-1						cps
Cadmium	111-1	1.59	1.06	1.69	1.45	23.16	ppb
Cadmium	106-1	1.80	-3.45	3.36	0.57	628.27	ppb
Cadmium	108-1	1.59	1.83	1.37	1.59	14.50	ppb
Calcium	43-1	126600.59	131606.43	140143.16	132783.39	5.16	ppb
Calcium	44-1	127445.51	125265.45	136602.34	129771.10	4.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.36	0.24	0.31	0.30	21.02	ppb
Cobalt	59-2	0.40	0.42	0.40	0.41	3.62	ppb
Copper	63-2	5.14	5.28	5.04	5.15	2.35	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				101		%
Holmium	165-2				106		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	54-2	782.94	780.99	803.42	789.12	1.57	ppb
Iron	56-2	763.96	802.02	788.52	784.83	2.46	ppb
Iron	57-2	867.82	886.69	878.55	877.69	1.08	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-06	Instrumnet Name :	P8
Client Sample ID :	MH1E44	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:16:26	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	66.56	65.73	70.83	67.70	4.04	ppb
Lead	207-1	68.25	70.26	69.63	69.38	1.48	ppb
Lead	208-1	67.76	68.49	70.10	68.78	1.74	ppb
Lithium	6-1				108		%
Magnesium	24-2	28940.27	29960.58	29795.94	29565.60	1.85	ppb
Manganese	55-2	288.46	292.61	290.41	290.49	0.72	ppb
Molybdenum	94-1	1.37	1.34	1.31	1.34	2.31	ppb
Molybdenum	95-1	1.27	1.28	1.20	1.25	3.70	ppb
Molybdenum	96-1	1.26	1.34	1.23	1.28	4.57	ppb
Molybdenum	97-1	1.43	1.51	1.35	1.43	5.56	ppb
Molybdenum	98-1	1.13	1.27	1.21	1.20	5.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.26	1.23	1.09	1.19	7.63	ppb
Phosphorus	31-2	57.37	52.63	78.87	62.96	22.21	ppb
Potassium	39-2	2697.73	2739.42	2803.74	2746.96	1.94	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	82-1	0.62	0.42	0.31	0.45	34.69	ppb
Selenium	77-2	-1.33	2.57	-0.05	0.39	504.49	ppb
Selenium	78-2	0.56	0.41	-1.57	-0.20		ppb
Silicon	28-1	6954.76	7280.15	7410.86	7215.26	3.26	ppb
Silver	107-1	0.23	0.22	0.32	0.26	21.92	ppb
Silver	109-1	0.26	0.28	0.33	0.29	12.57	ppb
Sodium	23-2	106688.67	108899.37	106635.47	107407.84	1.20	ppb
Strontium	86-1	576.77	615.23	598.97	596.99	3.23	ppb
Strontium	88-1	578.95	584.73	589.22	584.30	0.88	ppb
Sulfur	34-1	47281.88	50202.02	48927.96	48803.95	3.00	ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	0.06	0.06	0.06	0.06	3.20	ppb
Thallium	205-1	0.03	0.04	0.04	0.04	12.26	ppb
Tin	118-1	-0.10	-0.15	-0.18	-0.14		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-06	Instrumnet Name :	P8
Client Sample ID :	MH1E44	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:16:26	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	3.47	3.98	4.36	3.94	11.30	ppb
Uranium	238-1	1.64	1.72	1.65	1.67	2.52	ppb
Vanadium	51-2	0.79	0.76	0.76	0.77	2.32	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				103		%
Zinc	66-2	361.27	380.98	379.93	374.06	2.96	ppb
Zirconium	90-1	0.09	0.10	0.11	0.10	12.51	ppb
Zirconium	91-1	0.05	0.07	0.10	0.07	36.58	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-07	Instrumnet Name :	P8
Client Sample ID :	MH1E46	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:19:24	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	69.73	67.01	67.41	68.05	2.16	ppb
Antimony	121-1	4.55	4.52	4.65	4.58	1.52	ppb
Arsenic	75-2	3.76	3.64	3.65	3.68	1.78	ppb
Barium	135-1	67.76	71.23	69.33	69.44	2.51	ppb
Barium	137-1	69.61	71.34	72.92	71.29	2.33	ppb
Beryllium	9-1	-0.02	-0.01	0.00	-0.01		ppb
Bismuth	209-1				100		%
Bismuth	209-2				97		%
Boron	10-1	34.78	35.65	35.94	35.46	1.70	ppb
Boron	11-1	33.89	36.31	36.99	35.73	4.56	ppb
Bromine	81-1						cps
Cadmium	111-1	0.40	0.33	0.36	0.36	10.13	ppb
Cadmium	106-1	1.85	0.11	-0.54	0.47	260.74	ppb
Cadmium	108-1	0.31	0.33	0.37	0.34	10.19	ppb
Calcium	43-1	173010.64	173182.48	175145.92	173779.68	0.68	ppb
Calcium	44-1	171418.35	174610.51	176001.13	174009.99	1.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.18	0.23	0.12	0.18	29.96	ppb
Cobalt	59-2	0.25	0.23	0.20	0.23	10.27	ppb
Copper	63-2	1.96	1.82	1.96	1.91	4.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	54-2	760.25	751.92	777.56	763.24	1.71	ppb
Iron	56-2	758.99	751.53	745.00	751.84	0.93	ppb
Iron	57-2	888.14	887.38	863.31	879.61	1.61	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-07	Instrumnet Name :	P8
Client Sample ID :	MH1E46	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:19:24	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	19.39	20.02	19.76	19.72	1.61	ppb
Lead	207-1	20.09	20.67	19.96	20.24	1.86	ppb
Lead	208-1	19.95	20.43	20.32	20.23	1.23	ppb
Lithium	6-1				108		%
Magnesium	24-2	44375.48	42362.13	42859.70	43199.10	2.43	ppb
Manganese	55-2	183.92	182.10	178.42	181.48	1.54	ppb
Molybdenum	94-1	1.16	1.10	1.11	1.12	3.08	ppb
Molybdenum	95-1	1.14	1.31	1.21	1.22	6.92	ppb
Molybdenum	96-1	1.17	1.11	1.14	1.14	2.40	ppb
Molybdenum	97-1	1.18	1.25	1.29	1.24	4.73	ppb
Molybdenum	98-1	1.27	1.19	1.20	1.22	3.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.61	0.60	0.71	0.64	9.58	ppb
Phosphorus	31-2	55.99	111.01	52.58	73.19	44.81	ppb
Potassium	39-2	1518.84	1605.92	1529.37	1551.38	3.06	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	82-1	0.93	-0.91	-0.86	-0.28		ppb
Selenium	77-2	-1.33	-1.33	1.35	-0.44		ppb
Selenium	78-2	-1.13	-1.30	-1.18	-1.20		ppb
Silicon	28-1	6941.11	6627.04	6896.24	6821.46	2.49	ppb
Silver	107-1	0.10	0.12	0.11	0.11	7.21	ppb
Silver	109-1	0.06	0.11	0.09	0.09	29.92	ppb
Sodium	23-2	113883.91	113187.76	114449.79	113840.49	0.56	ppb
Strontium	86-1	866.40	909.22	939.55	905.06	4.06	ppb
Strontium	88-1	866.58	873.97	912.62	884.39	2.80	ppb
Sulfur	34-1	58283.63	57873.66	60507.08	58888.12	2.41	ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	-0.03	-0.02	0.02	-0.01		ppb
Thallium	205-1	0.00	0.00	0.00	0.00	255.92	ppb
Tin	118-1	-0.20	-0.24	-0.25	-0.23		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-07	Instrumnet Name :	P8
Client Sample ID :	MH1E46	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:19:24	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.14	1.91	2.13	2.06	6.34	ppb
Uranium	238-1	2.08	2.12	2.09	2.10	0.83	ppb
Vanadium	51-2	0.40	0.39	0.34	0.38	8.61	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	108.89	111.66	108.60	109.72	1.54	ppb
Zirconium	90-1	0.03	0.04	0.07	0.05	50.40	ppb
Zirconium	91-1	0.08	0.04	0.00	0.04	97.17	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-08	Instrumnet Name :	P8
Client Sample ID :	MH1E48	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:22:20	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	117.96	120.97	118.20	119.04	1.41	ppb
Antimony	121-1	6.56	6.86	7.01	6.81	3.40	ppb
Arsenic	75-2	7.85	7.59	7.36	7.60	3.25	ppb
Barium	135-1	52.68	54.48	55.27	54.14	2.45	ppb
Barium	137-1	53.04	54.37	56.71	54.71	3.40	ppb
Beryllium	9-1	-0.02	-0.02	-0.01	-0.02		ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Boron	10-1	38.46	38.63	39.72	38.94	1.75	ppb
Boron	11-1	39.35	37.04	39.42	38.60	3.50	ppb
Bromine	81-1						cps
Cadmium	111-1	1.69	1.81	2.07	1.86	10.55	ppb
Cadmium	106-1	1.37	2.91	3.98	2.75	47.63	ppb
Cadmium	108-1	2.02	1.90	1.31	1.75	21.81	ppb
Calcium	43-1	128537.66	126197.27	125865.46	126866.80	1.15	ppb
Calcium	44-1	126241.76	125161.72	127866.22	126423.23	1.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.23	0.28	0.28	0.26	11.23	ppb
Cobalt	59-2	0.29	0.27	0.25	0.27	8.78	ppb
Copper	63-2	4.00	3.77	3.74	3.84	3.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				107		%
Indium	115-1				106		%
Indium	115-2				101		%
Iron	54-2	697.96	695.28	668.07	687.10	2.41	ppb
Iron	56-2	702.60	676.70	658.69	679.33	3.25	ppb
Iron	57-2	789.28	769.68	749.66	769.54	2.57	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-08	Instrumnet Name :	P8
Client Sample ID :	MH1E48	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:22:20	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	54.78	56.31	58.24	56.45	3.07	ppb
Lead	207-1	55.48	55.41	59.92	56.94	4.54	ppb
Lead	208-1	55.87	56.54	59.34	57.25	3.22	ppb
Lithium	6-1				111		%
Magnesium	24-2	28683.04	28135.61	27815.48	28211.38	1.56	ppb
Manganese	55-2	163.38	161.07	158.65	161.03	1.47	ppb
Molybdenum	94-1	1.33	1.34	1.21	1.29	5.40	ppb
Molybdenum	95-1	1.14	1.23	1.39	1.26	9.93	ppb
Molybdenum	96-1	1.33	1.22	1.38	1.31	6.30	ppb
Molybdenum	97-1	1.41	1.31	1.40	1.37	4.07	ppb
Molybdenum	98-1	1.25	1.27	1.41	1.31	6.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.97	1.03	1.01	1.00	2.92	ppb
Phosphorus	31-2	-19.32	17.69	12.08	3.48	572.95	ppb
Potassium	39-2	2327.66	2243.14	2278.43	2283.08	1.86	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Selenium	82-1	1.68	0.36	-0.21	0.61	158.20	ppb
Selenium	77-2	1.21	-0.05	-0.11	0.35	214.76	ppb
Selenium	78-2	-0.58	-0.52	-0.19	-0.43		ppb
Silicon	28-1	7014.15	6767.16	6681.19	6820.83	2.53	ppb
Silver	107-1	0.13	0.17	0.19	0.16	20.27	ppb
Silver	109-1	0.18	0.21	0.19	0.19	9.00	ppb
Sodium	23-2	104746.14	100521.63	101486.44	102251.40	2.16	ppb
Strontium	86-1	564.53	580.96	570.70	572.06	1.45	ppb
Strontium	88-1	564.59	560.73	558.85	561.39	0.52	ppb
Sulfur	34-1	48824.11	47361.32	46456.02	47547.15	2.51	ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.00	0.03	0.02	0.02	74.86	ppb
Thallium	205-1	0.04	0.03	0.03	0.04	15.86	ppb
Tin	118-1	-0.02	-0.05	-0.06	-0.04		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-08	Instrumnet Name :	P8
Client Sample ID :	MH1E48	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:22:20	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	3.20	3.87	3.36	3.48	10.06	ppb
Uranium	238-1	1.49	1.57	1.66	1.58	5.63	ppb
Vanadium	51-2	0.59	0.59	0.60	0.59	1.22	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				105		%
Zinc	66-2	344.14	336.65	329.83	336.87	2.12	ppb
Zirconium	90-1	0.13	0.12	0.12	0.12	2.83	ppb
Zirconium	91-1	0.10	0.05	0.09	0.08	35.93	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-09	Instrumnet Name :	P8
Client Sample ID :	MH1E50	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:25:18	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	111.81	109.01	105.17	108.67	3.07	ppb
Antimony	121-1	7.61	8.07	7.92	7.87	2.94	ppb
Arsenic	75-2	6.77	6.52	7.24	6.84	5.30	ppb
Barium	135-1	52.06	54.13	52.73	52.97	1.99	ppb
Barium	137-1	53.33	52.30	54.10	53.24	1.70	ppb
Beryllium	9-1	-0.01	-0.03	0.00	-0.01		ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Boron	10-1	37.52	37.50	41.01	38.68	5.22	ppb
Boron	11-1	37.08	38.45	41.04	38.85	5.17	ppb
Bromine	81-1						cps
Cadmium	111-1	1.16	1.25	1.00	1.14	11.07	ppb
Cadmium	106-1	-0.42	-0.35	-1.82	-0.86		ppb
Cadmium	108-1	1.29	1.33	0.77	1.13	27.82	ppb
Calcium	43-1	127310.05	125659.26	122166.63	125045.31	2.10	ppb
Calcium	44-1	124823.87	118867.34	125839.34	123176.85	3.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.30	0.34	0.28	0.31	10.47	ppb
Cobalt	59-2	0.29	0.33	0.28	0.30	8.21	ppb
Copper	63-2	5.04	5.03	4.79	4.95	2.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				99		%
Iron	54-2	580.72	565.99	582.18	576.30	1.55	ppb
Iron	56-2	585.26	577.95	577.83	580.35	0.73	ppb
Iron	57-2	651.40	638.88	653.32	647.87	1.21	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-09	Instrumnet Name :	P8
Client Sample ID :	MH1E50	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:25:18	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	48.26	47.37	46.30	47.31	2.08	ppb
Lead	207-1	47.81	48.53	48.81	48.39	1.06	ppb
Lead	208-1	48.02	47.98	48.11	48.04	0.14	ppb
Lithium	6-1				112		%
Magnesium	24-2	28575.92	28211.14	28439.69	28408.91	0.65	ppb
Manganese	55-2	188.62	189.50	187.63	188.58	0.50	ppb
Molybdenum	94-1	1.57	1.18	1.43	1.39	14.18	ppb
Molybdenum	95-1	1.73	1.55	1.39	1.56	10.95	ppb
Molybdenum	96-1	1.51	1.49	1.56	1.52	2.36	ppb
Molybdenum	97-1	1.55	1.50	1.41	1.48	4.74	ppb
Molybdenum	98-1	1.53	1.52	1.48	1.51	1.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.17	1.39	1.14	1.23	11.24	ppb
Phosphorus	31-2	48.75	32.63	8.30	29.89	68.12	ppb
Potassium	39-2	2323.51	2277.81	2232.01	2277.78	2.01	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				106		%
Scandium	45-2				100		%
Selenium	82-1	0.83	0.86	1.14	0.94	17.71	ppb
Selenium	77-2	1.22	3.91	-0.01	1.70	117.61	ppb
Selenium	78-2	-0.91	1.43	0.18	0.23	498.70	ppb
Silicon	28-1	6649.51	6646.86	6748.54	6681.64	0.87	ppb
Silver	107-1	0.29	0.26	0.25	0.26	8.06	ppb
Silver	109-1	0.28	0.27	0.25	0.26	5.46	ppb
Sodium	23-2	102195.89	101833.82	101206.97	101745.56	0.49	ppb
Strontium	86-1	581.29	575.32	534.13	563.58	4.56	ppb
Strontium	88-1	565.17	553.51	541.94	553.54	2.10	ppb
Sulfur	34-1	45557.99	45747.65	47176.64	46160.76	1.92	ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	0.06	0.05	0.07	0.06	21.75	ppb
Thallium	205-1	0.07	0.04	0.06	0.06	33.26	ppb
Tin	118-1	-0.11	-0.16	-0.07	-0.12		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-09	Instrumnet Name :	P8
Client Sample ID :	MH1E50	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:25:18	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.71	2.68	2.78	2.73	1.99	ppb
Uranium	238-1	1.69	1.60	1.57	1.62	3.60	ppb
Vanadium	51-2	0.47	0.50	0.45	0.47	5.44	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				101		%
Zinc	66-2	357.88	356.97	349.93	354.93	1.23	ppb
Zirconium	90-1	0.07	0.06	0.08	0.07	10.45	ppb
Zirconium	91-1	0.07	0.03	0.14	0.08	68.71	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-10	Instrumnet Name :	P8
Client Sample ID :	MH1E52	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:28:13	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47.55	44.36	44.61	45.50	3.90	ppb
Antimony	121-1	0.56	0.56	0.58	0.57	2.32	ppb
Arsenic	75-2	6.77	6.78	6.73	6.76	0.41	ppb
Barium	135-1	102.05	110.72	100.68	104.48	5.21	ppb
Barium	137-1	107.53	108.47	101.77	105.92	3.43	ppb
Beryllium	9-1	-0.01	0.00	-0.01	-0.01		ppb
Bismuth	209-1				101		%
Bismuth	209-2				96		%
Boron	10-1	111.28	120.47	122.94	118.23	5.20	ppb
Boron	11-1	114.97	123.00	125.92	121.29	4.68	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.19	0.01	-0.20	-0.13		ppb
Cadmium	106-1	-3.12	0.17	-2.40	-1.78		ppb
Cadmium	108-1	-0.41	0.00	0.44	0.01	4643.17	ppb
Calcium	43-1	303412.23	297212.86	302305.89	300977.00	1.10	ppb
Calcium	44-1	296839.10	305739.89	300117.25	300898.75	1.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.09	1.08	0.95	1.04	7.66	ppb
Cobalt	59-2	0.54	0.50	0.45	0.50	8.96	ppb
Copper	63-2	0.61	0.68	0.77	0.69	11.21	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				103		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	54-2	95.91	88.15	89.54	91.20	4.54	ppb
Iron	56-2	90.48	88.62	85.93	88.34	2.59	ppb
Iron	57-2	309.19	311.44	313.69	311.44	0.72	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-10	Instrumnet Name :	P8
Client Sample ID :	MH1E52	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:28:13	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.14	1.35	1.20	1.23	8.96	ppb
Lead	207-1	1.22	1.34	1.26	1.28	4.75	ppb
Lead	208-1	1.27	1.34	1.26	1.29	3.49	ppb
Lithium	6-1				107		%
Magnesium	24-2	95782.46	92397.27	92999.87	93726.53	1.93	ppb
Manganese	55-2	196.39	189.67	190.19	192.08	1.95	ppb
Molybdenum	94-1	1.17	1.26	1.27	1.23	4.51	ppb
Molybdenum	95-1	1.38	1.34	1.28	1.33	3.98	ppb
Molybdenum	96-1	1.21	1.20	1.29	1.23	3.88	ppb
Molybdenum	97-1	1.29	1.28	1.32	1.30	1.42	ppb
Molybdenum	98-1	1.40	1.45	1.26	1.37	7.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.15	1.10	1.07	1.11	3.81	ppb
Phosphorus	31-2	45.78	16.03	11.84	24.55	75.38	ppb
Potassium	39-2	8396.79	8283.42	8089.13	8256.45	1.88	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	82-1	1.45	0.48	0.13	0.68	99.49	ppb
Selenium	77-2	-1.33	-0.05	-1.33	-0.91		ppb
Selenium	78-2	-1.93	-2.38	-0.84	-1.72		ppb
Silicon	28-1	9177.97	8469.49	8510.34	8719.26	4.56	ppb
Silver	107-1	0.04	0.04	0.04	0.04	11.88	ppb
Silver	109-1	0.02	0.04	0.01	0.02	70.35	ppb
Sodium	23-2	258584.01	252378.20	253845.73	254935.98	1.27	ppb
Strontium	86-1	1877.57	1837.40	1852.30	1855.76	1.09	ppb
Strontium	88-1	1814.94	1841.09	1829.68	1828.57	0.72	ppb
Sulfur	34-1	148778.17	136874.94	144089.61	143247.57	4.19	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	-0.04	-0.04	-0.03	-0.04		ppb
Thallium	205-1	-0.03	0.00	-0.02	-0.02		ppb
Tin	118-1	-0.15	-0.13	-0.13	-0.14		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-10	Instrumnet Name :	P8
Client Sample ID :	MH1E52	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:28:13	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.56	1.67	1.50	1.58	5.48	ppb
Uranium	238-1	1.33	1.28	1.23	1.28	4.13	ppb
Vanadium	51-2	0.32	0.38	0.36	0.35	8.95	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	2.97	3.07	2.95	3.00	2.17	ppb
Zirconium	90-1	0.05	0.08	0.06	0.06	20.85	ppb
Zirconium	91-1	0.03	0.05	0.03	0.04	27.39	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-11	Instrumnet Name :	P8
Client Sample ID :	MH1E54	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:31:10	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	59.99	59.24	55.28	58.17	4.35	ppb
Antimony	121-1	6.35	6.38	6.42	6.39	0.56	ppb
Arsenic	75-2	6.44	5.86	5.91	6.07	5.25	ppb
Barium	135-1	50.70	50.14	52.71	51.18	2.64	ppb
Barium	137-1	52.23	52.88	53.61	52.90	1.31	ppb
Beryllium	9-1	-0.01	-0.01	-0.01	-0.01		ppb
Bismuth	209-1				104		%
Bismuth	209-2				98		%
Boron	10-1	47.00	52.25	48.90	49.39	5.39	ppb
Boron	11-1	47.25	52.96	50.72	50.31	5.72	ppb
Bromine	81-1						cps
Cadmium	111-1	0.92	0.84	0.89	0.88	4.20	ppb
Cadmium	106-1	1.70	0.20	0.35	0.75	109.61	ppb
Cadmium	108-1	0.83	0.35	0.37	0.52	52.53	ppb
Calcium	43-1	141508.08	147471.38	146058.98	145012.81	2.15	ppb
Calcium	44-1	142021.31	144386.41	146087.63	144165.12	1.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.26	0.21	0.22	0.23	12.64	ppb
Cobalt	59-2	0.26	0.23	0.24	0.24	4.43	ppb
Copper	63-2	2.59	2.59	2.69	2.62	2.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				97		%
Iron	54-2	439.53	409.46	424.02	424.34	3.54	ppb
Iron	56-2	443.67	421.15	425.91	430.24	2.76	ppb
Iron	57-2	547.12	515.02	543.57	535.24	3.29	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-11	Instrumnet Name :	P8
Client Sample ID :	MH1E54	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:31:10	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	29.51	29.05	30.58	29.71	2.64	ppb
Lead	207-1	29.89	29.60	31.67	30.39	3.68	ppb
Lead	208-1	30.43	30.10	31.22	30.58	1.87	ppb
Lithium	6-1				113		%
Magnesium	24-2	36237.02	34613.54	35184.74	35345.10	2.33	ppb
Manganese	55-2	227.03	218.97	227.26	224.42	2.10	ppb
Molybdenum	94-1	1.18	1.12	1.26	1.19	5.56	ppb
Molybdenum	95-1	1.30	1.13	1.42	1.28	11.60	ppb
Molybdenum	96-1	1.26	1.38	1.32	1.32	4.44	ppb
Molybdenum	97-1	1.35	1.38	1.45	1.39	3.59	ppb
Molybdenum	98-1	1.19	1.29	1.38	1.29	7.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.96	1.05	1.00	1.00	4.60	ppb
Phosphorus	31-2	3.28	20.12	21.30	14.90	67.66	ppb
Potassium	39-2	2657.09	2530.99	2593.20	2593.76	2.43	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				105		%
Scandium	45-2				99		%
Selenium	82-1	1.12	1.23	2.11	1.48	36.50	ppb
Selenium	77-2	-0.01	6.52	0.02	2.18	172.98	ppb
Selenium	78-2	0.06	0.46	-1.37	-0.28		ppb
Silicon	28-1	6667.08	7084.10	6631.34	6794.17	3.70	ppb
Silver	107-1	0.10	0.08	0.12	0.10	19.53	ppb
Silver	109-1	0.07	0.09	0.10	0.09	12.73	ppb
Sodium	23-2	118513.76	113371.31	111081.40	114322.16	3.33	ppb
Strontium	86-1	649.41	653.03	690.15	664.19	3.40	ppb
Strontium	88-1	648.14	640.17	685.22	657.84	3.65	ppb
Sulfur	34-1	59258.95	60626.17	60073.49	59986.20	1.15	ppb
Terbium	159-1				105		%
Terbium	159-2				100		%
Thallium	203-1	0.04	0.03	0.05	0.04	33.54	ppb
Thallium	205-1	0.04	0.01	0.07	0.04	70.63	ppb
Tin	118-1	-0.10	-0.01	-0.10	-0.07		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-11	Instrumnet Name :	P8
Client Sample ID :	MH1E54	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:31:10	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.45	2.07	1.62	1.71	18.71	ppb
Uranium	238-1	1.67	1.60	1.79	1.69	5.83	ppb
Vanadium	51-2	0.47	0.41	0.41	0.43	7.97	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				99		%
Zinc	66-2	309.74	299.81	296.48	302.01	2.29	ppb
Zirconium	90-1	0.06	0.05	0.06	0.06	15.20	ppb
Zirconium	91-1	0.03	0.09	0.04	0.05	63.43	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-12	Instrumnet Name :	P8
Client Sample ID :	MH1E56	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:34:07	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51.82	53.14	53.69	52.89	1.82	ppb
Antimony	121-1	7.82	8.10	7.74	7.88	2.42	ppb
Arsenic	75-2	8.22	8.16	8.32	8.23	1.02	ppb
Barium	135-1	52.44	54.28	53.76	53.49	1.78	ppb
Barium	137-1	55.76	54.59	54.79	55.05	1.14	ppb
Beryllium	9-1	-0.01	-0.02	-0.02	-0.01		ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Boron	10-1	40.54	41.91	39.38	40.61	3.11	ppb
Boron	11-1	40.56	41.04	41.87	41.16	1.61	ppb
Bromine	81-1						cps
Cadmium	111-1	1.04	0.72	1.01	0.92	19.11	ppb
Cadmium	106-1	3.48	-1.95	2.28	1.27	225.07	ppb
Cadmium	108-1	0.99	0.78	0.92	0.89	12.02	ppb
Calcium	43-1	130326.87	128099.63	134952.10	131126.20	2.67	ppb
Calcium	44-1	132444.92	129875.29	130989.19	131103.13	0.98	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.50	0.50	0.48	0.49	1.66	ppb
Cobalt	59-2	0.24	0.21	0.23	0.23	6.64	ppb
Copper	63-2	2.60	2.54	2.90	2.68	7.15	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				103		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	54-2	402.83	382.72	405.19	396.91	3.11	ppb
Iron	56-2	405.90	394.50	396.14	398.85	1.55	ppb
Iron	57-2	477.93	501.08	480.52	486.51	2.61	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-12	Instrumnet Name :	P8
Client Sample ID :	MH1E56	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:34:07	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	42.02	41.68	41.50	41.74	0.63	ppb
Lead	207-1	43.02	41.45	41.46	41.98	2.15	ppb
Lead	208-1	42.59	42.16	42.30	42.35	0.52	ppb
Lithium	6-1				111		%
Magnesium	24-2	31000.52	30971.32	31679.25	31217.03	1.28	ppb
Manganese	55-2	148.90	152.37	153.51	151.59	1.58	ppb
Molybdenum	94-1	1.05	1.14	1.14	1.11	4.74	ppb
Molybdenum	95-1	1.34	1.34	1.28	1.32	2.76	ppb
Molybdenum	96-1	1.19	1.31	1.26	1.25	5.12	ppb
Molybdenum	97-1	1.19	1.48	1.46	1.38	11.50	ppb
Molybdenum	98-1	1.19	1.35	1.26	1.27	6.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.16	0.98	1.03	1.06	8.50	ppb
Phosphorus	31-2	4.08	11.84	-26.41	-3.50		ppb
Potassium	39-2	2165.05	2184.73	2185.01	2178.26	0.53	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	82-1	0.78	-0.23	0.04	0.20	267.50	ppb
Selenium	77-2	-1.33	1.30	-0.04	-0.03		ppb
Selenium	78-2	0.13	1.70	0.52	0.78	104.87	ppb
Silicon	28-1	6442.75	6476.11	6582.52	6500.46	1.12	ppb
Silver	107-1	0.53	0.57	0.55	0.55	3.54	ppb
Silver	109-1	0.52	0.50	0.48	0.50	3.79	ppb
Sodium	23-2	107422.27	107158.92	107159.54	107246.91	0.14	ppb
Strontium	86-1	592.28	614.33	609.99	605.53	1.93	ppb
Strontium	88-1	589.82	616.17	598.34	601.44	2.24	ppb
Sulfur	34-1	49019.37	49152.46	48951.65	49041.16	0.21	ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.00	0.01	0.07	0.02	152.75	ppb
Thallium	205-1	0.07	0.06	0.03	0.05	37.73	ppb
Tin	118-1	-0.22	-0.14	-0.13	-0.16		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-12	Instrumnet Name :	P8
Client Sample ID :	MH1E56	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:34:07	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.52	1.48	1.63	1.54	4.95	ppb
Uranium	238-1	1.70	1.69	1.55	1.65	4.90	ppb
Vanadium	51-2	0.30	0.43	0.33	0.35	18.50	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	269.78	268.82	261.04	266.54	1.80	ppb
Zirconium	90-1	0.06	0.06	0.05	0.06	5.96	ppb
Zirconium	91-1	0.04	0.04	0.06	0.04	30.37	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-13	Instrumnet Name :	P8
Client Sample ID :	MH1E58	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:37:05	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	81.60	80.03	80.75	80.79	0.97	ppb
Antimony	121-1	6.65	6.69	6.80	6.71	1.15	ppb
Arsenic	75-2	7.09	7.02	7.04	7.05	0.52	ppb
Barium	135-1	51.23	50.79	53.98	52.00	3.33	ppb
Barium	137-1	52.66	52.04	55.64	53.45	3.60	ppb
Beryllium	9-1	-0.02	-0.03	0.00	-0.02		ppb
Bismuth	209-1				102		%
Bismuth	209-2				96		%
Boron	10-1	47.42	46.28	50.37	48.02	4.40	ppb
Boron	11-1	45.70	47.59	50.28	47.85	4.81	ppb
Bromine	81-1						cps
Cadmium	111-1	0.71	0.81	0.82	0.78	7.58	ppb
Cadmium	106-1	-1.79	-0.87	-0.94	-1.20		ppb
Cadmium	108-1	0.68	1.09	1.19	0.99	27.70	ppb
Calcium	43-1	143066.77	146649.65	147838.53	145851.65	1.70	ppb
Calcium	44-1	148303.92	148475.59	148520.46	148433.32	0.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.23	0.22	0.18	0.21	13.26	ppb
Cobalt	59-2	0.32	0.33	0.31	0.32	3.82	ppb
Copper	63-2	3.38	3.50	3.65	3.51	3.83	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				104		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				97		%
Iron	54-2	548.37	549.29	533.59	543.75	1.62	ppb
Iron	56-2	540.97	544.80	541.16	542.31	0.40	ppb
Iron	57-2	645.32	647.55	647.54	646.81	0.20	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-13	Instrumnet Name :	P8
Client Sample ID :	MH1E58	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:37:05	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	44.79	46.22	45.25	45.42	1.60	ppb
Lead	207-1	42.64	47.02	47.20	45.62	5.66	ppb
Lead	208-1	44.53	47.36	46.24	46.04	3.10	ppb
Lithium	6-1				113		%
Magnesium	24-2	35219.39	35557.52	35591.24	35456.05	0.58	ppb
Manganese	55-2	249.61	247.72	248.64	248.66	0.38	ppb
Molybdenum	94-1	1.18	1.24	1.45	1.29	10.75	ppb
Molybdenum	95-1	1.26	1.35	1.21	1.27	5.70	ppb
Molybdenum	96-1	1.17	1.22	1.22	1.20	2.33	ppb
Molybdenum	97-1	1.21	1.21	1.32	1.25	4.86	ppb
Molybdenum	98-1	1.35	1.23	1.34	1.30	5.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.90	0.98	0.95	0.94	4.02	ppb
Phosphorus	31-2	1.14	33.58	17.90	17.54	92.47	ppb
Potassium	39-2	2616.94	2616.83	2691.05	2641.61	1.62	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				105		%
Scandium	45-2				99		%
Selenium	82-1	0.02	0.24	0.66	0.30	107.54	ppb
Selenium	77-2	-0.04	-0.02	1.33	0.43	184.75	ppb
Selenium	78-2	0.16	-1.30	-1.34	-0.83		ppb
Silicon	28-1	6657.45	6615.90	7059.87	6777.74	3.62	ppb
Silver	107-1	0.13	0.18	0.19	0.17	20.00	ppb
Silver	109-1	0.17	0.17	0.24	0.19	22.67	ppb
Sodium	23-2	115093.80	118168.36	117482.91	116915.02	1.38	ppb
Strontium	86-1	679.64	665.43	682.74	675.94	1.37	ppb
Strontium	88-1	670.67	651.66	669.22	663.85	1.59	ppb
Sulfur	34-1	58562.19	59508.70	61660.25	59910.38	2.65	ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	0.01	0.02	-0.01	0.00	465.49	ppb
Thallium	205-1	0.05	0.06	0.04	0.05	16.56	ppb
Tin	118-1	0.30	0.34	0.30	0.31	7.57	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-13	Instrumnet Name :	P8
Client Sample ID :	MH1E58	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:37:05	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.96	2.06	2.12	2.05	3.80	ppb
Uranium	238-1	1.69	1.68	1.77	1.71	2.73	ppb
Vanadium	51-2	0.45	0.37	0.41	0.41	10.73	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	345.21	344.07	336.72	342.00	1.35	ppb
Zirconium	90-1	0.04	0.05	0.06	0.05	21.47	ppb
Zirconium	91-1	0.12	0.01	0.08	0.07	76.03	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-14	Instrumnet Name :	P8
Client Sample ID :	MH1E60	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:40:01	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	147.30	144.39	143.09	144.93	1.49	ppb
Antimony	121-1	7.34	7.73	7.33	7.47	3.09	ppb
Arsenic	75-2	7.13	7.25	6.83	7.07	3.05	ppb
Barium	135-1	58.50	57.53	57.45	57.82	1.01	ppb
Barium	137-1	60.13	57.71	60.01	59.28	2.30	ppb
Beryllium	9-1	-0.02	-0.01	-0.01	-0.01		ppb
Bismuth	209-1				102		%
Bismuth	209-2				97		%
Boron	10-1	40.97	40.20	41.86	41.01	2.03	ppb
Boron	11-1	40.78	42.80	43.70	42.43	3.52	ppb
Bromine	81-1						cps
Cadmium	111-1	1.44	1.24	1.44	1.37	8.37	ppb
Cadmium	106-1	0.62	-1.60	-0.98	-0.65		ppb
Cadmium	108-1	0.84	0.54	1.35	0.91	45.10	ppb
Calcium	43-1	140302.69	143855.68	141977.04	142045.14	1.25	ppb
Calcium	44-1	136776.30	142768.61	139938.36	139827.76	2.14	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.34	0.24	0.39	0.32	24.29	ppb
Cobalt	59-2	0.35	0.36	0.35	0.36	2.17	ppb
Copper	63-2	4.42	4.57	4.54	4.51	1.76	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				104		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				97		%
Iron	54-2	599.45	566.06	580.02	581.84	2.88	ppb
Iron	56-2	589.59	571.13	581.52	580.75	1.59	ppb
Iron	57-2	656.40	689.44	657.19	667.68	2.82	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-14	Instrumnet Name :	P8
Client Sample ID :	MH1E60	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:40:01	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	56.31	57.25	57.96	57.18	1.45	ppb
Lead	207-1	59.56	58.07	59.03	58.89	1.28	ppb
Lead	208-1	59.28	57.98	59.30	58.85	1.29	ppb
Lithium	6-1				111		%
Magnesium	24-2	34390.00	33229.30	33004.89	33541.40	2.22	ppb
Manganese	55-2	234.38	224.21	221.77	226.79	2.95	ppb
Molybdenum	94-1	1.43	1.37	1.23	1.35	7.44	ppb
Molybdenum	95-1	1.27	1.24	1.27	1.26	1.26	ppb
Molybdenum	96-1	1.27	1.39	1.16	1.27	8.93	ppb
Molybdenum	97-1	1.28	1.27	1.28	1.28	0.36	ppb
Molybdenum	98-1	1.23	1.29	1.32	1.28	3.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.01	0.99	1.00	1.00	1.16	ppb
Phosphorus	31-2	34.66	59.73	44.13	46.17	27.43	ppb
Potassium	39-2	2448.19	2374.73	2372.19	2398.37	1.80	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				105		%
Scandium	45-2				100		%
Selenium	82-1	-1.56	0.78	-0.32	-0.37		ppb
Selenium	77-2	0.01	-0.05	1.32	0.43	181.59	ppb
Selenium	78-2	-0.79	-0.98	0.08	-0.56		ppb
Silicon	28-1	6951.77	6900.88	6780.29	6877.64	1.28	ppb
Silver	107-1	0.25	0.26	0.23	0.25	6.97	ppb
Silver	109-1	0.20	0.21	0.23	0.21	5.81	ppb
Sodium	23-2	117867.85	114779.55	110408.92	114352.10	3.28	ppb
Strontium	86-1	649.04	655.17	652.52	652.24	0.47	ppb
Strontium	88-1	659.24	649.47	665.73	658.15	1.24	ppb
Sulfur	34-1	54919.36	54349.02	53082.05	54116.81	1.74	ppb
Terbium	159-1				103		%
Terbium	159-2				98		%
Thallium	203-1	0.07	0.08	0.05	0.07	19.33	ppb
Thallium	205-1	0.04	0.06	0.09	0.06	43.70	ppb
Tin	118-1	-0.10	-0.17	-0.16	-0.14		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-14	Instrumnet Name :	P8
Client Sample ID :	MH1E60	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:40:01	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	3.52	3.66	3.38	3.52	4.09	ppb
Uranium	238-1	1.77	1.77	1.78	1.78	0.47	ppb
Vanadium	51-2	0.51	0.46	0.58	0.51	11.53	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				100		%
Zinc	66-2	432.78	404.14	407.84	414.92	3.75	ppb
Zirconium	90-1	0.12	0.10	0.09	0.10	14.56	ppb
Zirconium	91-1	0.10	0.08	0.08	0.09	10.74	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-15	Instrumnet Name :	P8
Client Sample ID :	MH1E62	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:42:59	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.83	18.72	19.40	19.32	2.90	ppb
Antimony	121-1	6.35	6.54	6.63	6.51	2.20	ppb
Arsenic	75-2	3.96	3.85	3.81	3.87	2.06	ppb
Barium	135-1	49.28	50.08	47.82	49.06	2.33	ppb
Barium	137-1	49.56	48.83	49.10	49.16	0.75	ppb
Beryllium	9-1	0.00	-0.03	-0.01	-0.01		ppb
Bismuth	209-1				104		%
Bismuth	209-2				97		%
Boron	10-1	38.98	40.53	39.13	39.55	2.17	ppb
Boron	11-1	39.27	41.32	40.20	40.26	2.56	ppb
Bromine	81-1						cps
Cadmium	111-1	2.25	2.35	1.99	2.20	8.59	ppb
Cadmium	106-1	2.32	1.83	0.20	1.45	76.68	ppb
Cadmium	108-1	1.64	1.63	1.71	1.66	2.55	ppb
Calcium	43-1	139583.62	144998.72	139791.13	141457.83	2.17	ppb
Calcium	44-1	141154.65	143459.44	140736.53	141783.54	1.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.62	0.71	0.78	0.71	11.79	ppb
Cobalt	59-2	0.10	0.13	0.12	0.12	13.84	ppb
Copper	63-2	2.02	1.99	2.20	2.07	5.41	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				105		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				96		%
Iron	54-2	127.25	128.11	138.15	131.17	4.62	ppb
Iron	56-2	127.19	131.24	126.95	128.46	1.88	ppb
Iron	57-2	222.56	213.38	236.83	224.26	5.27	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-15	Instrumnet Name :	P8
Client Sample ID :	MH1E62	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:42:59	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	6.38	6.96	6.50	6.61	4.66	ppb
Lead	207-1	6.81	6.62	6.61	6.68	1.65	ppb
Lead	208-1	6.75	6.86	6.61	6.74	1.86	ppb
Lithium	6-1				110		%
Magnesium	24-2	33542.92	33748.87	32613.72	33301.84	1.82	ppb
Manganese	55-2	62.41	64.94	62.40	63.25	2.31	ppb
Molybdenum	94-1	1.25	1.31	1.05	1.20	11.10	ppb
Molybdenum	95-1	1.22	1.39	1.25	1.28	7.11	ppb
Molybdenum	96-1	1.14	1.31	1.30	1.25	7.60	ppb
Molybdenum	97-1	1.38	1.37	1.30	1.35	3.24	ppb
Molybdenum	98-1	1.33	1.28	1.15	1.25	7.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.00	0.93	0.99	0.97	3.98	ppb
Phosphorus	31-2	1.59	-17.18	-18.04	-11.21		ppb
Potassium	39-2	2310.29	2389.07	2341.48	2346.95	1.69	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				103		%
Scandium	45-2				99		%
Selenium	82-1	1.28	-0.12	0.27	0.48	151.14	ppb
Selenium	77-2	0.01	0.02	1.26	0.43	167.13	ppb
Selenium	78-2	0.06	-0.36	-0.32	-0.21		ppb
Silicon	28-1	6478.12	6694.09	6575.23	6582.48	1.64	ppb
Silver	107-1	0.04	0.03	0.05	0.04	33.56	ppb
Silver	109-1	0.02	0.03	0.02	0.03	11.99	ppb
Sodium	23-2	112290.08	116389.65	116427.07	115035.60	2.07	ppb
Strontium	86-1	663.50	687.19	659.01	669.90	2.26	ppb
Strontium	88-1	652.09	658.13	637.29	649.17	1.65	ppb
Sulfur	34-1	52703.16	56499.21	54368.79	54523.72	3.49	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.07	0.04	0.07	0.06	32.75	ppb
Thallium	205-1	0.07	0.07	0.07	0.07	3.51	ppb
Tin	118-1	1.22	1.15	1.15	1.17	3.65	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-15	Instrumnet Name :	P8
Client Sample ID :	MH1E62	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:42:59	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.04	1.19	0.97	1.06	10.46	ppb
Uranium	238-1	1.82	1.80	1.66	1.76	5.05	ppb
Vanadium	51-2	0.22	0.23	0.22	0.22	3.37	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	468.06	475.92	464.16	469.38	1.28	ppb
Zirconium	90-1	0.04	0.04	0.02	0.04	34.13	ppb
Zirconium	91-1	0.04	0.04	0.06	0.05	25.98	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-16	Instrumnet Name :	P8
Client Sample ID :	MH1E64	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:45:54	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48.43	51.88	55.39	51.90	6.71	ppb
Antimony	121-1	11.96	11.96	12.53	12.15	2.72	ppb
Arsenic	75-2	2.28	2.11	2.50	2.30	8.50	ppb
Barium	135-1	55.33	54.77	60.07	56.72	5.13	ppb
Barium	137-1	56.77	57.85	57.72	57.45	1.03	ppb
Beryllium	9-1	0.02	0.02	0.04	0.03	41.25	ppb
Bismuth	209-1				100		%
Bismuth	209-2				94		%
Boron	10-1	102.57	109.82	108.46	106.95	3.60	ppb
Boron	11-1	104.12	110.30	112.21	108.88	3.88	ppb
Bromine	81-1						cps
Cadmium	111-1	50.54	50.15	54.92	51.87	5.11	ppb
Cadmium	106-1	45.59	42.07	52.76	46.80	11.64	ppb
Cadmium	108-1	46.37	47.13	48.31	47.27	2.07	ppb
Calcium	43-1	351291.37	331346.86	317403.99	333347.41	5.11	ppb
Calcium	44-1	354539.64	341543.04	325953.22	340678.63	4.20	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.23	0.28	0.23	0.25	10.59	ppb
Cobalt	59-2	8.05	8.12	7.83	8.00	1.91	ppb
Copper	63-2	19.35	19.72	19.84	19.64	1.29	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				104		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	54-2	134.03	137.43	134.08	135.18	1.44	ppb
Iron	56-2	137.13	136.83	135.00	136.32	0.84	ppb
Iron	57-2	372.16	358.63	372.77	367.85	2.17	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-16	Instrumnet Name :	P8
Client Sample ID :	MH1E64	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:45:54	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	6.94	6.87	6.64	6.82	2.23	ppb
Lead	207-1	6.80	6.93	6.93	6.89	1.10	ppb
Lead	208-1	6.87	6.93	6.87	6.89	0.50	ppb
Lithium	6-1				110		%
Magnesium	24-2	96245.48	97335.25	95233.50	96271.41	1.09	ppb
Manganese	55-2	1111.10	1101.80	1099.31	1104.07	0.56	ppb
Molybdenum	94-1	4.50	4.66	4.27	4.48	4.28	ppb
Molybdenum	95-1	5.17	5.17	4.66	5.00	5.97	ppb
Molybdenum	96-1	5.27	4.85	4.73	4.95	5.70	ppb
Molybdenum	97-1	5.11	5.23	4.86	5.07	3.68	ppb
Molybdenum	98-1	5.18	4.84	5.03	5.02	3.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	12.44	11.81	11.94	12.07	2.76	ppb
Phosphorus	31-2	15.23	15.53	18.22	16.33	10.09	ppb
Potassium	39-2	10955.48	10874.26	10702.96	10844.24	1.19	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	82-1	1.62	0.24	0.09	0.65	130.24	ppb
Selenium	77-2	-1.33	-0.04	1.23	-0.05		ppb
Selenium	78-2	-0.68	-0.70	-1.47	-0.95		ppb
Silicon	28-1	10475.37	9859.31	9798.08	10044.26	3.73	ppb
Silver	107-1	0.26	0.26	0.23	0.25	5.66	ppb
Silver	109-1	0.27	0.24	0.25	0.25	7.33	ppb
Sodium	23-2	316553.09	317201.37	323398.72	319051.06	1.18	ppb
Strontium	86-1	1927.99	1885.58	1929.98	1914.52	1.31	ppb
Strontium	88-1	1855.17	1888.44	1861.03	1868.21	0.95	ppb
Sulfur	34-1	136612.52	127678.74	128787.34	131026.20	3.72	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	0.96	0.84	0.95	0.92	7.29	ppb
Thallium	205-1	0.96	0.98	0.99	0.98	1.26	ppb
Tin	118-1	-0.13	-0.21	-0.16	-0.17		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-16	Instrumnet Name :	P8
Client Sample ID :	MH1E64	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:45:54	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.82	0.88	0.75	0.82	8.13	ppb
Uranium	238-1	11.72	11.71	11.73	11.72	0.08	ppb
Vanadium	51-2	0.13	0.12	0.12	0.13	4.32	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	9501.87	9349.63	9221.29	9357.60	1.50	ppb
Zirconium	90-1	0.05	0.05	0.04	0.04	9.08	ppb
Zirconium	91-1	0.05	0.01	0.03	0.03	62.58	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-17	Instrumnet Name :	P8
Client Sample ID :	MH1E66	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:48:50	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.46	15.28	14.50	14.75	3.15	ppb
Antimony	121-1	6.70	6.91	7.03	6.88	2.46	ppb
Arsenic	75-2	3.63	4.01	3.68	3.77	5.51	ppb
Barium	135-1	47.39	48.40	46.41	47.40	2.10	ppb
Barium	137-1	49.14	50.66	46.09	48.63	4.79	ppb
Beryllium	9-1	-0.02	-0.03	-0.01	-0.02		ppb
Bismuth	209-1				98		%
Bismuth	209-2				95		%
Boron	10-1	42.59	43.49	46.39	44.16	4.50	ppb
Boron	11-1	42.88	45.87	46.95	45.23	4.66	ppb
Bromine	81-1						cps
Cadmium	111-1	2.12	2.57	2.58	2.42	10.68	ppb
Cadmium	106-1	0.18	4.83	3.49	2.84	84.34	ppb
Cadmium	108-1	1.89	1.81	1.60	1.77	8.62	ppb
Calcium	43-1	138096.41	136347.93	140485.11	138309.81	1.50	ppb
Calcium	44-1	140999.86	137995.39	139979.16	139658.14	1.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.55	0.54	0.53	0.54	1.94	ppb
Cobalt	59-2	0.09	0.11	0.12	0.11	12.40	ppb
Copper	63-2	1.74	2.00	1.88	1.87	7.07	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				100		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	54-2	108.61	113.86	105.30	109.26	3.95	ppb
Iron	56-2	108.15	113.56	111.82	111.18	2.48	ppb
Iron	57-2	200.08	229.71	228.28	219.35	7.62	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-17	Instrumnet Name :	P8
Client Sample ID :	MH1E66	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:48:50	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	8.58	8.35	8.45	8.46	1.36	ppb
Lead	207-1	8.65	8.48	8.80	8.64	1.87	ppb
Lead	208-1	8.69	8.67	8.63	8.66	0.34	ppb
Lithium	6-1				107		%
Magnesium	24-2	33456.89	33725.12	33782.04	33654.68	0.52	ppb
Manganese	55-2	58.39	61.88	61.40	60.56	3.12	ppb
Molybdenum	94-1	1.33	1.06	1.25	1.21	11.49	ppb
Molybdenum	95-1	1.24	1.24	1.28	1.25	1.67	ppb
Molybdenum	96-1	1.24	1.18	1.24	1.22	2.90	ppb
Molybdenum	97-1	1.18	1.27	1.25	1.23	3.82	ppb
Molybdenum	98-1	1.20	1.29	1.29	1.26	4.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.02	1.12	1.12	1.08	5.36	ppb
Phosphorus	31-2	4.48	-12.54	26.97	6.30	314.40	ppb
Potassium	39-2	2316.50	2400.75	2367.14	2361.46	1.80	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				103		%
Scandium	45-2				98		%
Selenium	82-1	-0.70	-0.03	0.51	-0.07		ppb
Selenium	77-2	-0.03	1.40	-1.33	0.01	10757.82	ppb
Selenium	78-2	-1.48	-1.05	-2.28	-1.60		ppb
Silicon	28-1	6300.30	6133.02	6331.59	6254.97	1.71	ppb
Silver	107-1	0.02	0.06	0.03	0.04	52.60	ppb
Silver	109-1	0.03	0.05	0.02	0.03	48.86	ppb
Sodium	23-2	115198.54	118638.40	113313.44	115716.80	2.33	ppb
Strontium	86-1	633.83	671.16	672.23	659.07	3.32	ppb
Strontium	88-1	643.14	643.61	663.95	650.23	1.83	ppb
Sulfur	34-1	52493.37	51663.72	53108.57	52421.88	1.38	ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	0.04	0.03	0.06	0.04	41.66	ppb
Thallium	205-1	0.08	0.11	0.08	0.09	18.11	ppb
Tin	118-1	-0.10	-0.11	-0.07	-0.09		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-17	Instrumnet Name :	P8
Client Sample ID :	MH1E66	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:48:50	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.70	0.85	0.66	0.74	14.19	ppb
Uranium	238-1	1.78	1.77	1.85	1.80	2.32	ppb
Vanadium	51-2	0.21	0.26	0.18	0.22	18.20	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				99		%
Zinc	66-2	468.29	493.01	485.48	482.26	2.63	ppb
Zirconium	90-1	0.04	0.03	0.02	0.03	33.12	ppb
Zirconium	91-1	0.00	-0.02	-0.01	-0.01		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-18	Instrumnet Name :	P8
Client Sample ID :	MH1E68	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:51:46	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.63	10.23	9.54	9.80	3.85	ppb
Antimony	121-1	8.06	8.02	8.31	8.13	1.95	ppb
Arsenic	75-2	3.86	3.97	4.14	3.99	3.54	ppb
Barium	135-1	49.26	48.34	52.22	49.94	4.06	ppb
Barium	137-1	49.80	48.20	52.48	50.16	4.31	ppb
Beryllium	9-1	-0.04	-0.01	-0.02	-0.03		ppb
Bismuth	209-1				101		%
Bismuth	209-2				97		%
Boron	10-1	39.75	41.46	44.73	41.98	6.03	ppb
Boron	11-1	41.21	41.93	45.73	42.96	5.66	ppb
Bromine	81-1						cps
Cadmium	111-1	5.04	5.08	5.36	5.16	3.36	ppb
Cadmium	106-1	2.14	2.70	2.20	2.35	13.05	ppb
Cadmium	108-1	3.47	4.78	4.62	4.29	16.69	ppb
Calcium	43-1	154976.06	153297.29	152379.57	153550.97	0.86	ppb
Calcium	44-1	153587.71	152370.96	154331.61	153430.09	0.65	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.41	0.36	0.38	0.38	5.66	ppb
Cobalt	59-2	0.42	0.42	0.41	0.42	1.54	ppb
Copper	63-2	2.99	2.89	2.86	2.91	2.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	54-2	74.71	72.62	71.49	72.94	2.24	ppb
Iron	56-2	71.98	73.91	74.45	73.45	1.77	ppb
Iron	57-2	177.21	184.04	197.60	186.28	5.57	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-18	Instrumnet Name :	P8
Client Sample ID :	MH1E68	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:51:46	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	6.45	6.26	6.52	6.41	2.10	ppb
Lead	207-1	6.69	6.27	6.54	6.50	3.29	ppb
Lead	208-1	6.63	6.34	6.73	6.57	3.12	ppb
Lithium	6-1				112		%
Magnesium	24-2	38020.15	38372.91	38222.44	38205.17	0.46	ppb
Manganese	55-2	61.61	61.70	59.56	60.96	1.99	ppb
Molybdenum	94-1	1.14	1.04	1.22	1.13	8.04	ppb
Molybdenum	95-1	1.51	1.40	1.41	1.44	4.02	ppb
Molybdenum	96-1	1.40	1.32	1.27	1.33	4.71	ppb
Molybdenum	97-1	1.45	1.52	1.24	1.40	10.52	ppb
Molybdenum	98-1	1.37	1.41	1.60	1.46	8.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.59	1.53	1.60	1.57	2.37	ppb
Phosphorus	31-2	8.10	-11.89	11.87	2.69	474.37	ppb
Potassium	39-2	2741.73	2713.11	2707.57	2720.80	0.67	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				107		%
Scandium	45-2				102		%
Selenium	82-1	-0.40	0.59	0.07	0.08	589.63	ppb
Selenium	77-2	-0.02	-1.33	-0.03	-0.46		ppb
Selenium	78-2	1.24	0.33	0.23	0.60	92.70	ppb
Silicon	28-1	6052.74	6208.97	6024.64	6095.45	1.63	ppb
Silver	107-1	0.03	0.04	0.02	0.03	22.45	ppb
Silver	109-1	0.06	0.03	0.04	0.04	38.02	ppb
Sodium	23-2	135899.37	132408.85	135204.70	134504.31	1.37	ppb
Strontium	86-1	746.17	740.97	747.34	744.83	0.45	ppb
Strontium	88-1	737.28	720.75	745.45	734.49	1.71	ppb
Sulfur	34-1	56373.28	57747.89	55177.95	56433.04	2.28	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.11	0.17	0.13	0.14	22.81	ppb
Thallium	205-1	0.16	0.14	0.14	0.15	8.64	ppb
Tin	118-1	0.02	0.06	0.08	0.05	48.70	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-18	Instrumnet Name :	P8
Client Sample ID :	MH1E68	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:51:46	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.44	0.47	0.57	0.49	13.91	ppb
Uranium	238-1	2.30	2.30	2.22	2.27	2.04	ppb
Vanadium	51-2	0.17	0.16	0.18	0.17	6.85	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				101		%
Zinc	66-2	757.59	753.33	756.25	755.72	0.29	ppb
Zirconium	90-1	0.03	0.03	0.03	0.03	7.11	ppb
Zirconium	91-1	0.09	0.05	0.03	0.06	54.58	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-19	Instrumnet Name :	P8
Client Sample ID :	MH1E70	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:54:44	DataFile Name :	046AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25.12	24.92	26.33	25.45	2.99	ppb
Antimony	121-1	7.03	6.65	6.74	6.80	2.91	ppb
Arsenic	75-2	3.75	4.08	4.04	3.96	4.55	ppb
Barium	135-1	46.28	45.38	46.12	45.93	1.05	ppb
Barium	137-1	48.98	48.93	47.16	48.36	2.14	ppb
Beryllium	9-1	-0.03	-0.01	-0.01	-0.02		ppb
Bismuth	209-1				103		%
Bismuth	209-2				96		%
Boron	10-1	39.09	37.41	38.57	38.36	2.23	ppb
Boron	11-1	39.70	40.29	40.68	40.22	1.22	ppb
Bromine	81-1						cps
Cadmium	111-1	1.92	2.06	1.94	1.97	3.88	ppb
Cadmium	106-1	-1.08	-1.68	0.98	-0.59		ppb
Cadmium	108-1	1.15	2.40	2.05	1.86	34.53	ppb
Calcium	43-1	139115.85	136531.25	139141.81	138262.97	1.08	ppb
Calcium	44-1	141837.06	136574.73	135861.93	138091.24	2.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.21	0.25	0.23	0.23	8.82	ppb
Cobalt	59-2	0.08	0.09	0.11	0.09	18.04	ppb
Copper	63-2	2.43	2.34	2.42	2.40	2.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				105		%
Indium	115-2				96		%
Iron	54-2	102.82	97.59	101.65	100.69	2.73	ppb
Iron	56-2	96.76	98.00	101.31	98.69	2.39	ppb
Iron	57-2	198.80	201.20	204.40	201.47	1.40	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-19	Instrumnet Name :	P8
Client Sample ID :	MH1E70	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:54:44	DataFile Name :	046AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	12.97	13.55	12.75	13.09	3.17	ppb
Lead	207-1	13.54	13.19	13.08	13.27	1.78	ppb
Lead	208-1	13.34	13.54	12.99	13.29	2.08	ppb
Lithium	6-1				115		%
Magnesium	24-2	34149.08	33759.00	34277.35	34061.81	0.79	ppb
Manganese	55-2	46.57	44.33	46.88	45.93	3.03	ppb
Molybdenum	94-1	1.03	1.00	1.21	1.08	10.76	ppb
Molybdenum	95-1	1.23	1.31	1.23	1.26	3.87	ppb
Molybdenum	96-1	1.20	1.23	1.19	1.21	1.75	ppb
Molybdenum	97-1	1.27	1.22	1.13	1.20	5.65	ppb
Molybdenum	98-1	1.10	1.24	1.27	1.20	7.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.85	0.90	0.91	0.88	3.39	ppb
Phosphorus	31-2	1.37	1.02	15.49	5.96	138.52	ppb
Potassium	39-2	2350.47	2341.92	2415.70	2369.36	1.70	ppb
Rhodium	103-1				101		%
Rhodium	103-2				97		%
Scandium	45-1				106		%
Scandium	45-2				99		%
Selenium	82-1	1.09	-0.72	1.03	0.47	221.01	ppb
Selenium	77-2	-1.33	1.30	-0.01	-0.01		ppb
Selenium	78-2	-0.84	-0.45	0.83	-0.15		ppb
Silicon	28-1	6185.54	6243.39	6196.36	6208.43	0.50	ppb
Silver	107-1	0.06	0.07	0.05	0.06	16.25	ppb
Silver	109-1	0.06	0.04	0.07	0.06	27.83	ppb
Sodium	23-2	116255.52	115877.82	119756.12	117296.49	1.82	ppb
Strontium	86-1	639.53	637.79	639.80	639.04	0.17	ppb
Strontium	88-1	635.06	640.67	633.46	636.40	0.59	ppb
Sulfur	34-1	53422.84	51422.64	53593.09	52812.85	2.29	ppb
Terbium	159-1				105		%
Terbium	159-2				100		%
Thallium	203-1	0.05	0.07	0.07	0.06	21.89	ppb
Thallium	205-1	0.10	0.09	0.09	0.09	9.77	ppb
Tin	118-1	0.03	0.04	0.01	0.03	45.55	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-19	Instrumnet Name :	P8
Client Sample ID :	MH1E70	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:54:44	DataFile Name :	046AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.38	1.09	1.08	1.18	14.29	ppb
Uranium	238-1	1.73	1.81	1.67	1.74	4.11	ppb
Vanadium	51-2	0.24	0.23	0.22	0.23	3.89	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				100		%
Zinc	66-2	409.10	401.42	404.59	405.03	0.95	ppb
Zirconium	90-1	0.07	0.05	0.05	0.06	21.50	ppb
Zirconium	91-1	0.04	0.07	0.06	0.06	25.75	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-20	Instrumnet Name :	P8
Client Sample ID :	MH1E72	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:57:40	DataFile Name :	047AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29.96	33.26	30.67	31.30	5.55	ppb
Antimony	121-1	6.78	6.53	6.88	6.73	2.69	ppb
Arsenic	75-2	6.01	5.54	5.64	5.73	4.29	ppb
Barium	135-1	59.03	58.96	59.45	59.15	0.44	ppb
Barium	137-1	58.06	60.35	60.85	59.75	2.49	ppb
Beryllium	9-1	-0.03	0.00	-0.02	-0.02		ppb
Bismuth	209-1				100		%
Bismuth	209-2				96		%
Boron	10-1	35.51	39.61	41.32	38.82	7.69	ppb
Boron	11-1	37.03	40.10	43.00	40.04	7.46	ppb
Bromine	81-1						cps
Cadmium	111-1	0.87	1.00	0.82	0.90	10.46	ppb
Cadmium	106-1	-2.01	1.89	-0.53	-0.22		ppb
Cadmium	108-1	0.20	1.08	0.84	0.71	64.32	ppb
Calcium	43-1	127840.17	129262.60	134568.74	130557.17	2.72	ppb
Calcium	44-1	131376.88	128644.64	132358.77	130793.43	1.47	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.14	0.17	0.16	0.16	8.05	ppb
Cobalt	59-2	0.20	0.25	0.22	0.22	10.75	ppb
Copper	63-2	2.42	2.68	2.55	2.55	5.09	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				101		%
Indium	115-1				104		%
Indium	115-2				97		%
Iron	54-2	330.14	322.90	321.98	325.01	1.38	ppb
Iron	56-2	322.40	327.83	322.60	324.28	0.95	ppb
Iron	57-2	416.45	421.55	420.31	419.43	0.63	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-20	Instrumnet Name :	P8
Client Sample ID :	MH1E72	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:57:40	DataFile Name :	047AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	31.71	33.52	32.96	32.73	2.84	ppb
Lead	207-1	32.60	33.22	33.46	33.10	1.33	ppb
Lead	208-1	31.99	33.50	33.21	32.90	2.44	ppb
Lithium	6-1				113		%
Magnesium	24-2	32696.30	31414.85	31886.29	31999.15	2.03	ppb
Manganese	55-2	154.92	157.18	158.19	156.76	1.07	ppb
Molybdenum	94-1	1.10	1.27	1.16	1.18	7.21	ppb
Molybdenum	95-1	1.07	1.06	1.14	1.09	3.88	ppb
Molybdenum	96-1	1.10	1.09	1.13	1.10	1.91	ppb
Molybdenum	97-1	1.19	1.30	1.11	1.20	7.98	ppb
Molybdenum	98-1	1.25	1.14	1.14	1.18	5.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.92	0.98	0.95	0.95	3.34	ppb
Phosphorus	31-2	24.81	16.81	21.39	21.00	19.09	ppb
Potassium	39-2	2569.19	2582.13	2575.84	2575.72	0.25	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				104		%
Scandium	45-2				100		%
Selenium	82-1	0.42	0.04	0.53	0.33	79.05	ppb
Selenium	77-2	-1.33	1.31	1.35	0.44	348.62	ppb
Selenium	78-2	-1.38	-3.09	1.03	-1.15		ppb
Silicon	28-1	7057.13	7399.72	7452.80	7303.22	2.94	ppb
Silver	107-1	0.06	0.05	0.04	0.05	18.51	ppb
Silver	109-1	0.04	0.06	0.05	0.05	22.12	ppb
Sodium	23-2	106092.82	106396.81	107010.91	106500.18	0.44	ppb
Strontium	86-1	607.41	598.72	627.34	611.16	2.40	ppb
Strontium	88-1	606.56	597.11	602.69	602.12	0.79	ppb
Sulfur	34-1	50299.40	49797.69	50624.98	50240.69	0.83	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.05	0.05	0.08	0.06	24.42	ppb
Thallium	205-1	0.07	0.06	0.09	0.08	22.23	ppb
Tin	118-1	-0.14	-0.15	-0.09	-0.12		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-20	Instrumnet Name :	P8
Client Sample ID :	MH1E72	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:57:40	DataFile Name :	047AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.32	1.28	1.19	1.26	5.18	ppb
Uranium	238-1	1.65	1.63	1.80	1.69	5.53	ppb
Vanadium	51-2	0.52	0.64	0.56	0.57	10.17	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	301.71	307.16	309.06	305.98	1.25	ppb
Zirconium	90-1	0.06	0.06	0.05	0.06	8.99	ppb
Zirconium	91-1	0.15	0.04	0.07	0.09	68.03	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-21	Instrumnet Name :	P8
Client Sample ID :	MH1E72D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:00:38	DataFile Name :	048AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32.15	33.79	31.17	32.37	4.09	ppb
Antimony	121-1	6.67	6.74	6.90	6.77	1.76	ppb
Arsenic	75-2	6.19	5.59	5.54	5.77	6.23	ppb
Barium	135-1	58.30	57.69	59.00	58.33	1.13	ppb
Barium	137-1	59.87	58.17	59.00	59.01	1.43	ppb
Beryllium	9-1	-0.02	-0.04	0.00	-0.02		ppb
Bismuth	209-1				102		%
Bismuth	209-2				94		%
Boron	10-1	38.43	39.65	40.46	39.51	2.60	ppb
Boron	11-1	38.10	39.25	41.21	39.52	3.97	ppb
Bromine	81-1						cps
Cadmium	111-1	1.28	0.98	0.91	1.06	18.35	ppb
Cadmium	106-1	2.66	-0.72	-1.58	0.12	1831.56	ppb
Cadmium	108-1	0.77	0.53	0.76	0.69	19.72	ppb
Calcium	43-1	133211.07	137039.15	128371.75	132873.99	3.27	ppb
Calcium	44-1	128969.24	133452.99	130935.17	131119.13	1.71	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.16	0.13	0.13	0.14	9.15	ppb
Cobalt	59-2	0.25	0.26	0.25	0.25	1.31	ppb
Copper	63-2	2.65	2.56	2.38	2.53	5.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				96		%
Iron	54-2	335.12	323.89	320.82	326.61	2.31	ppb
Iron	56-2	340.06	327.95	314.91	327.64	3.84	ppb
Iron	57-2	421.95	413.43	404.22	413.20	2.15	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-21	Instrumnet Name :	P8
Client Sample ID :	MH1E72D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:00:38	DataFile Name :	048AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	31.06	32.33	32.19	31.86	2.18	ppb
Lead	207-1	31.58	33.25	32.98	32.61	2.75	ppb
Lead	208-1	31.58	32.79	32.33	32.23	1.90	ppb
Lithium	6-1				113		%
Magnesium	24-2	33491.74	32147.63	31251.26	32296.88	3.49	ppb
Manganese	55-2	164.76	158.91	156.00	159.89	2.79	ppb
Molybdenum	94-1	1.19	1.13	1.21	1.17	3.63	ppb
Molybdenum	95-1	1.17	1.20	1.23	1.20	2.67	ppb
Molybdenum	96-1	1.09	1.18	1.15	1.14	4.03	ppb
Molybdenum	97-1	1.19	1.22	1.10	1.17	5.00	ppb
Molybdenum	98-1	0.94	1.26	1.11	1.10	14.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.92	0.88	0.71	0.84	13.38	ppb
Phosphorus	31-2	3.69	-17.63	7.99	-1.98		ppb
Potassium	39-2	2665.94	2587.80	2504.37	2586.04	3.12	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				104		%
Scandium	45-2				99		%
Selenium	82-1	0.26	1.03	0.13	0.47	103.16	ppb
Selenium	77-2	2.79	0.02	-1.33	0.49	426.89	ppb
Selenium	78-2	0.99	-0.49	-2.10	-0.53		ppb
Silicon	28-1	7285.06	7878.86	7049.86	7404.59	5.77	ppb
Silver	107-1	0.07	0.04	0.07	0.06	28.15	ppb
Silver	109-1	0.06	0.04	0.04	0.05	23.65	ppb
Sodium	23-2	110354.85	108005.06	105543.26	107967.72	2.23	ppb
Strontium	86-1	589.22	605.69	617.53	604.15	2.35	ppb
Strontium	88-1	589.18	594.31	594.83	592.77	0.53	ppb
Sulfur	34-1	50618.85	52724.81	47661.90	50335.19	5.05	ppb
Terbium	159-1				104		%
Terbium	159-2				97		%
Thallium	203-1	0.08	0.05	0.06	0.06	24.86	ppb
Thallium	205-1	0.04	0.07	0.05	0.05	32.14	ppb
Tin	118-1	-0.12	-0.10	-0.14	-0.12		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-21	Instrumnet Name :	P8
Client Sample ID :	MH1E72D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:00:38	DataFile Name :	048AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.29	1.05	1.28	1.21	11.18	ppb
Uranium	238-1	1.59	1.60	1.61	1.60	0.43	ppb
Vanadium	51-2	0.66	0.63	0.62	0.63	3.03	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				97		%
Zinc	66-2	319.65	312.18	303.89	311.90	2.53	ppb
Zirconium	90-1	0.05	0.07	0.06	0.06	15.22	ppb
Zirconium	91-1	0.12	0.09	0.01	0.07	80.55	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	CCV073	Instrumnet Name :	P8
Client Sample ID :	CCV073	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:04:47	DataFile Name :	049CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	54441.61	53195.89	52547.82	53395.11	1.80	ppb
Antimony	121-1	482.12	500.62	476.74	486.49	2.57	ppb
Arsenic	75-2	521.17	519.13	503.14	514.48	1.92	ppb
Barium	135-1	2481.08	2547.19	2447.48	2491.91	2.04	ppb
Barium	137-1	2484.63	2579.41	2483.67	2515.90	2.19	ppb
Beryllium	9-1	488.39	499.57	510.40	499.45	2.20	ppb
Bismuth	209-1				102		%
Bismuth	209-2				96		%
Boron	10-1	476.10	503.96	529.24	503.10	5.28	ppb
Boron	11-1	467.99	503.49	533.97	501.82	6.58	ppb
Bromine	81-1						cps
Cadmium	111-1	479.50	487.29	488.37	485.05	1.00	ppb
Cadmium	106-1	486.79	483.17	471.53	480.50	1.66	ppb
Cadmium	108-1	486.75	481.33	485.95	484.68	0.60	ppb
Calcium	43-1	248938.98	252742.27	246526.66	249402.64	1.26	ppb
Calcium	44-1	251066.61	245546.17	247564.68	248059.15	1.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	485.93	484.72	483.06	484.57	0.30	ppb
Cobalt	59-2	477.56	482.35	474.98	478.30	0.78	ppb
Copper	63-2	4991.68	4903.71	5000.29	4965.23	1.08	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				107		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				97		%
Iron	54-2	131091.85	130976.18	128064.04	130044.02	1.32	ppb
Iron	56-2	128766.05	129460.78	125789.19	128005.34	1.52	ppb
Iron	57-2	129884.53	127820.91	129775.55	129160.33	0.90	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	CCV073	Instrumnet Name :	P8
Client Sample ID :	CCV073	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:04:47	DataFile Name :	049CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2527.22	2405.51	2546.86	2493.20	3.07	ppb
Lead	207-1	2558.62	2417.23	2528.93	2501.59	2.98	ppb
Lead	208-1	2535.25	2411.78	2522.51	2489.85	2.73	ppb
Lithium	6-1				112		%
Magnesium	24-2	271562.89	262921.60	256009.58	263498.02	2.96	ppb
Manganese	55-2	4997.61	4899.72	4827.66	4908.33	1.74	ppb
Molybdenum	94-1	5599.07	5584.67	5722.43	5635.39	1.34	ppb
Molybdenum	95-1	5599.40	5466.42	5852.49	5639.44	3.48	ppb
Molybdenum	96-1	5661.63	5619.65	5737.96	5673.08	1.06	ppb
Molybdenum	97-1	5641.21	5606.21	5765.20	5670.87	1.47	ppb
Molybdenum	98-1	5539.28	5420.83	5747.33	5569.15	2.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	503.27	505.84	498.45	502.52	0.75	ppb
Phosphorus	31-2	10173.32	10126.77	9811.47	10037.19	1.96	ppb
Potassium	39-2	126107.35	129053.28	133899.93	129686.85	3.03	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				107		%
Scandium	45-2				102		%
Selenium	82-1	545.52	533.84	556.19	545.18	2.05	ppb
Selenium	77-2	545.61	553.71	511.88	537.07	4.13	ppb
Selenium	78-2	564.82	552.41	521.39	546.21	4.10	ppb
Silicon	28-1	466.90	500.97	506.82	491.56	4.39	ppb
Silver	107-1	525.09	528.35	519.11	524.18	0.89	ppb
Silver	109-1	527.81	517.25	534.52	526.53	1.65	ppb
Sodium	23-2	259282.25	263687.63	260668.77	261212.88	0.86	ppb
Strontium	86-1	5165.70	5026.21	5004.10	5065.34	1.73	ppb
Strontium	88-1	5126.91	4948.50	5089.01	5054.81	1.86	ppb
Sulfur	34-1	10821.75	11470.79	10176.01	10822.85	5.98	ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	528.87	477.82	522.44	509.71	5.46	ppb
Thallium	205-1	513.46	473.18	515.16	500.60	4.75	ppb
Tin	118-1	493.02	490.55	487.64	490.40	0.55	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	CCV073	Instrumnet Name :	P8
Client Sample ID :	CCV073	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:04:47	DataFile Name :	049CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5365.58	5492.43	5507.52	5455.18	1.43	ppb
Uranium	238-1	506.99	481.22	514.00	500.74	3.45	ppb
Vanadium	51-2	494.29	501.49	494.90	496.89	0.80	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	4830.46	4825.42	4874.14	4843.34	0.55	ppb
Zirconium	90-1	495.13	496.16	499.05	496.78	0.41	ppb
Zirconium	91-1	499.11	494.24	500.34	497.90	0.65	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	CCB073	Instrumnet Name :	P8
Client Sample ID :	CCB073	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:07:43	DataFile Name :	050CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.40	4.76	3.69	4.62	18.68	ppb
Antimony	121-1	0.38	0.38	0.28	0.35	17.14	ppb
Arsenic	75-2	-0.03	-0.02	-0.02	-0.02		ppb
Barium	135-1	0.58	0.41	0.43	0.47	19.54	ppb
Barium	137-1	0.64	0.50	0.31	0.48	33.84	ppb
Beryllium	9-1	0.16	0.13	0.11	0.13	17.95	ppb
Bismuth	209-1				107		%
Bismuth	209-2				99		%
Boron	10-1	38.35	32.30	29.60	33.42	13.41	ppb
Boron	11-1	37.34	32.62	31.57	33.85	9.07	ppb
Bromine	81-1						cps
Cadmium	111-1	0.00	-0.04	-0.18	-0.07		ppb
Cadmium	106-1	-1.52	-2.59	-3.85	-2.65		ppb
Cadmium	108-1	0.20	0.03	-0.47	-0.08		ppb
Calcium	43-1	77.05	56.46	29.27	54.26	44.17	ppb
Calcium	44-1	85.09	63.56	39.08	62.58	36.79	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.08	0.03	0.00	0.04	110.20	ppb
Cobalt	59-2	0.04	0.04	0.03	0.03	18.42	ppb
Copper	63-2	0.62	0.55	0.44	0.54	16.90	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				102		%
Indium	115-1				106		%
Indium	115-2				99		%
Iron	54-2	15.94	13.40	9.30	12.88	26.00	ppb
Iron	56-2	11.96	9.98	9.78	10.57	11.38	ppb
Iron	57-2	13.65	12.02	10.14	11.93	14.71	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	CCB073	Instrumnet Name :	P8
Client Sample ID :	CCB073	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:07:43	DataFile Name :	050CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.73	0.41	0.36	0.50	40.20	ppb
Lead	207-1	0.77	0.49	0.26	0.51	50.30	ppb
Lead	208-1	0.70	0.47	0.34	0.51	35.84	ppb
Lithium	6-1				112		%
Magnesium	24-2	30.58	24.15	23.35	26.03	15.23	ppb
Manganese	55-2	0.54	0.41	0.42	0.46	16.46	ppb
Molybdenum	94-1	2.31	1.53	0.87	1.57	46.08	ppb
Molybdenum	95-1	2.09	1.40	0.94	1.48	39.08	ppb
Molybdenum	96-1	2.08	1.53	1.01	1.54	34.82	ppb
Molybdenum	97-1	2.15	1.49	0.99	1.54	37.44	ppb
Molybdenum	98-1	1.93	1.54	0.96	1.48	33.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	-0.04	-0.02	-0.01		ppb
Phosphorus	31-2	-6.28	-6.95	29.10	5.29	389.75	ppb
Potassium	39-2	25.16	32.37	23.93	27.15	16.80	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				100		%
Selenium	82-1	-3.19	-0.60	0.41	-1.12		ppb
Selenium	77-2	-1.33	-0.08	-1.33	-0.92		ppb
Selenium	78-2	-0.95	-1.12	-1.41	-1.16		ppb
Silicon	28-1	-11.08	-14.55	-13.87	-13.17		ppb
Silver	107-1	0.19	0.14	0.09	0.14	37.18	ppb
Silver	109-1	0.16	0.14	0.12	0.14	13.12	ppb
Sodium	23-2	94.22	86.68	76.57	85.82	10.32	ppb
Strontium	86-1	1.52	1.14	0.67	1.11	38.51	ppb
Strontium	88-1	1.35	0.99	0.52	0.95	43.81	ppb
Sulfur	34-1	691.91	225.60	543.31	486.94	48.92	ppb
Terbium	159-1				106		%
Terbium	159-2				101		%
Thallium	203-1	0.15	0.11	0.04	0.10	52.85	ppb
Thallium	205-1	0.18	0.12	0.07	0.12	45.23	ppb
Tin	118-1	0.21	0.09	0.10	0.14	49.77	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	CCB073	Instrumnet Name :	P8
Client Sample ID :	CCB073	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:07:43	DataFile Name :	050CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.78	1.08	0.86	1.24	38.71	ppb
Uranium	238-1	0.13	0.12	0.06	0.10	37.71	ppb
Vanadium	51-2	0.06	0.04	0.03	0.04	34.27	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				101		%
Zinc	66-2	0.72	0.50	0.57	0.60	19.01	ppb
Zirconium	90-1	0.12	0.09	0.06	0.09	33.23	ppb
Zirconium	91-1	0.12	0.09	0.07	0.09	30.88	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-20LX5	Instrumnet Name :	P8
Client Sample ID :	MH1E72L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-19 15:10:45	DataFile Name :	051AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.08	6.81	6.93	6.94	1.96	ppb
Antimony	121-1	1.40	1.49	1.38	1.43	3.95	ppb
Arsenic	75-2	0.91	0.99	1.32	1.07	20.01	ppb
Barium	135-1	11.11	11.18	11.97	11.42	4.20	ppb
Barium	137-1	10.63	12.31	11.91	11.62	7.54	ppb
Beryllium	9-1	0.03	0.01	0.01	0.02	65.18	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Boron	10-1	22.28	21.60	22.77	22.22	2.65	ppb
Boron	11-1	22.55	22.07	22.55	22.39	1.24	ppb
Bromine	81-1						cps
Cadmium	111-1	0.04	-0.08	0.28	0.08	228.51	ppb
Cadmium	106-1	-2.85	-3.56	0.61	-1.93		ppb
Cadmium	108-1	0.07	-0.12	0.11	0.02	574.39	ppb
Calcium	43-1	25413.86	25295.40	27573.31	26094.19	4.91	ppb
Calcium	44-1	25573.27	25230.85	27119.83	25974.65	3.87	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.06	0.08	0.07	0.07	19.77	ppb
Cobalt	59-2	0.04	0.04	0.04	0.04	5.79	ppb
Copper	63-2	0.55	0.59	0.55	0.56	3.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	54-2	60.44	59.80	59.54	59.93	0.78	ppb
Iron	56-2	65.14	65.40	64.00	64.85	1.15	ppb
Iron	57-2	83.05	85.57	79.20	82.61	3.89	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-20LX5	Instrumnet Name :	P8
Client Sample ID :	MH1E72L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-19 15:10:45	DataFile Name :	051AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	6.34	6.42	6.73	6.50	3.13	ppb
Lead	207-1	6.05	6.36	6.84	6.42	6.25	ppb
Lead	208-1	6.32	6.34	6.64	6.44	2.81	ppb
Lithium	6-1				112		%
Magnesium	24-2	6021.77	6200.81	6317.08	6179.89	2.41	ppb
Manganese	55-2	30.29	31.00	30.45	30.58	1.22	ppb
Molybdenum	94-1	0.47	0.32	0.52	0.44	23.71	ppb
Molybdenum	95-1	0.50	0.43	0.50	0.48	8.28	ppb
Molybdenum	96-1	0.41	0.41	0.40	0.41	1.30	ppb
Molybdenum	97-1	0.43	0.36	0.48	0.42	13.75	ppb
Molybdenum	98-1	0.49	0.48	0.42	0.46	8.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.16	0.17	0.13	0.16	12.40	ppb
Phosphorus	31-2	-39.26	8.95	-38.39	-22.90		ppb
Potassium	39-2	481.59	499.49	501.66	494.25	2.23	ppb
Rhodium	103-1				100		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	82-1	-1.93	-0.24	-1.49	-1.22		ppb
Selenium	77-2	1.20	-1.33	-0.02	-0.05		ppb
Selenium	78-2	-2.22	-1.60	-1.91	-1.91		ppb
Silicon	28-1	1369.36	1350.06	1518.39	1412.60	6.52	ppb
Silver	107-1	0.05	0.07	0.03	0.05	42.38	ppb
Silver	109-1	0.06	0.04	0.03	0.04	30.47	ppb
Sodium	23-2	20085.63	20395.85	20492.38	20324.62	1.05	ppb
Strontium	86-1	116.14	119.30	124.76	120.07	3.63	ppb
Strontium	88-1	121.01	122.51	125.13	122.89	1.70	ppb
Sulfur	34-1	12460.56	12322.29	14730.50	13171.12	10.27	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	-0.01	0.00	-0.02	-0.01		ppb
Thallium	205-1	0.02	0.01	0.03	0.02	46.88	ppb
Tin	118-1	-0.16	-0.15	-0.11	-0.14		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-20LX5	Instrumnet Name :	P8
Client Sample ID :	MH1E72L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-19 15:10:45	DataFile Name :	051AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.40	0.26	0.43	0.36	25.46	ppb
Uranium	238-1	0.33	0.30	0.37	0.33	11.37	ppb
Vanadium	51-2	0.11	0.11	0.12	0.11	7.67	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	59.66	61.05	62.54	61.08	2.36	ppb
Zirconium	90-1	0.02	0.04	0.02	0.03	49.53	ppb
Zirconium	91-1	0.06	0.05	0.03	0.04	36.37	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-21RE	Instrumnet Name :	P8
Client Sample ID :	MH1E72D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:13:46	DataFile Name :	052AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35.13	35.51	33.20	34.61	3.59	ppb
Antimony	121-1	7.08	6.95	7.17	7.07	1.58	ppb
Arsenic	75-2	5.54	5.44	5.92	5.64	4.52	ppb
Barium	135-1	59.60	57.10	59.45	58.72	2.39	ppb
Barium	137-1	61.45	59.35	60.55	60.45	1.74	ppb
Beryllium	9-1	0.03	0.01	0.01	0.02	49.15	ppb
Bismuth	209-1				93		%
Bismuth	209-2				90		%
Boron	10-1	45.14	46.69	48.55	46.80	3.65	ppb
Boron	11-1	48.53	46.30	48.71	47.85	2.80	ppb
Bromine	81-1						cps
Cadmium	111-1	0.85	0.94	0.98	0.93	7.02	ppb
Cadmium	106-1	-1.14	-0.21	0.61	-0.25		ppb
Cadmium	108-1	0.95	1.16	1.09	1.07	10.06	ppb
Calcium	43-1	136419.41	128761.93	133830.86	133004.07	2.93	ppb
Calcium	44-1	135269.91	132167.96	134554.07	133997.31	1.21	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.51	0.50	0.48	0.50	3.18	ppb
Cobalt	59-2	0.23	0.25	0.22	0.23	6.64	ppb
Copper	63-2	2.63	2.67	2.49	2.59	3.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				93		%
Indium	115-1				93		%
Indium	115-2				91		%
Iron	54-2	338.65	321.33	316.53	325.50	3.58	ppb
Iron	56-2	323.72	324.82	326.89	325.14	0.49	ppb
Iron	57-2	435.85	424.77	427.25	429.29	1.35	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-21RE	Instrumnet Name :	P8
Client Sample ID :	MH1E72D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:13:46	DataFile Name :	052AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	32.80	33.47	32.27	32.84	1.83	ppb
Lead	207-1	32.64	32.99	33.07	32.90	0.70	ppb
Lead	208-1	32.86	33.03	32.94	32.94	0.27	ppb
Lithium	6-1				103		%
Magnesium	24-2	32165.01	31586.25	31673.57	31808.28	0.98	ppb
Manganese	55-2	158.72	161.30	161.31	160.45	0.93	ppb
Molybdenum	94-1	1.36	1.29	1.35	1.33	2.74	ppb
Molybdenum	95-1	1.26	1.05	1.28	1.19	10.71	ppb
Molybdenum	96-1	1.43	1.18	1.23	1.28	10.15	ppb
Molybdenum	97-1	1.35	1.25	1.39	1.33	5.39	ppb
Molybdenum	98-1	1.26	1.35	1.35	1.32	3.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.90	0.94	1.22	1.02	17.05	ppb
Phosphorus	31-2	15.03	25.98	56.39	32.47	66.00	ppb
Potassium	39-2	2577.19	2559.32	2573.77	2570.09	0.37	ppb
Rhodium	103-1				90		%
Rhodium	103-2				91		%
Scandium	45-1				94		%
Scandium	45-2				94		%
Selenium	82-1	-0.50	1.07	0.81	0.46	182.93	ppb
Selenium	77-2	0.09	0.09	-1.33	-0.38		ppb
Selenium	78-2	1.32	2.35	-0.23	1.15	113.48	ppb
Silicon	28-1	7840.03	7163.68	7711.14	7571.62	4.74	ppb
Silver	107-1	0.10	0.10	0.09	0.09	8.03	ppb
Silver	109-1	0.07	0.09	0.08	0.08	10.92	ppb
Sodium	23-2	103821.34	105472.25	106654.36	105315.98	1.35	ppb
Strontium	86-1	605.42	590.86	615.92	604.06	2.08	ppb
Strontium	88-1	606.18	597.67	617.78	607.21	1.66	ppb
Sulfur	34-1	54882.10	48774.27	50879.69	51512.02	6.02	ppb
Terbium	159-1				94		%
Terbium	159-2				95		%
Thallium	203-1	0.11	0.09	0.08	0.09	16.12	ppb
Thallium	205-1	0.10	0.10	0.09	0.10	7.91	ppb
Tin	118-1	0.27	0.30	0.25	0.27	9.34	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-21RE	Instrumnet Name :	P8
Client Sample ID :	MH1E72D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:13:46	DataFile Name :	052AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.33	1.43	1.54	1.43	7.37	ppb
Uranium	238-1	1.70	1.70	1.60	1.67	3.66	ppb
Vanadium	51-2	0.66	0.61	0.51	0.59	12.99	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				95		%
Yttrium	89-2				93		%
Zinc	66-2	287.46	290.92	297.26	291.88	1.70	ppb
Zirconium	90-1	0.12	0.11	0.11	0.11	6.58	ppb
Zirconium	91-1	0.16	0.08	0.08	0.11	42.73	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-01	Instrumnet Name :	P8
Client Sample ID :	MH1E74	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:16:43	DataFile Name :	053AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.21	10.34	10.38	10.31	0.86	ppb
Antimony	121-1	9.26	9.31	9.27	9.28	0.25	ppb
Arsenic	75-2	3.82	3.79	3.89	3.83	1.34	ppb
Barium	135-1	53.52	55.93	52.94	54.13	2.93	ppb
Barium	137-1	53.39	57.02	53.58	54.66	3.74	ppb
Beryllium	9-1	-0.01	0.00	0.00	0.00	1205.01	ppb
Bismuth	209-1				104		%
Bismuth	209-2				98		%
Boron	10-1	45.56	48.56	47.62	47.25	3.25	ppb
Boron	11-1	47.38	49.47	46.15	47.66	3.52	ppb
Bromine	81-1						cps
Cadmium	111-1	5.89	5.79	6.29	5.99	4.47	ppb
Cadmium	106-1	3.22	5.21	4.79	4.41	23.73	ppb
Cadmium	108-1	5.94	5.48	5.42	5.61	5.03	ppb
Calcium	43-1	167441.96	169257.46	170377.09	169025.50	0.88	ppb
Calcium	44-1	169213.82	168073.01	169522.98	168936.61	0.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.27	0.35	0.34	0.32	13.61	ppb
Cobalt	59-2	0.32	0.37	0.37	0.36	7.63	ppb
Copper	63-2	2.92	2.85	2.82	2.86	1.66	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				107		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	54-2	65.45	63.22	64.12	64.26	1.75	ppb
Iron	56-2	60.59	60.82	61.17	60.86	0.48	ppb
Iron	57-2	173.69	178.69	189.91	180.76	4.59	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-01	Instrumnet Name :	P8
Client Sample ID :	MH1E74	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:16:43	DataFile Name :	053AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4.74	4.80	4.73	4.76	0.82	ppb
Lead	207-1	4.69	4.75	4.98	4.81	3.17	ppb
Lead	208-1	4.81	4.84	4.92	4.86	1.20	ppb
Lithium	6-1				114		%
Magnesium	24-2	39347.79	40082.53	41215.62	40215.31	2.34	ppb
Manganese	55-2	57.10	57.56	56.62	57.09	0.82	ppb
Molybdenum	94-1	1.27	1.35	1.40	1.34	4.74	ppb
Molybdenum	95-1	1.46	1.51	1.45	1.47	1.97	ppb
Molybdenum	96-1	1.27	1.50	1.32	1.36	9.07	ppb
Molybdenum	97-1	1.59	1.52	1.31	1.47	9.81	ppb
Molybdenum	98-1	1.42	1.52	1.36	1.43	5.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.54	1.65	1.61	1.60	3.37	ppb
Phosphorus	31-2	4.69	-2.40	9.73	4.00	152.13	ppb
Potassium	39-2	2663.85	2751.93	2696.94	2704.24	1.65	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				105		%
Scandium	45-2				105		%
Selenium	82-1	0.97	2.06	1.70	1.58	35.04	ppb
Selenium	77-2	-1.33	1.17	2.53	0.79	248.91	ppb
Selenium	78-2	-1.85	-1.50	-1.67	-1.68		ppb
Silicon	28-1	7221.81	7041.68	7221.52	7161.67	1.45	ppb
Silver	107-1	0.09	0.06	0.04	0.06	43.33	ppb
Silver	109-1	0.09	0.07	0.05	0.07	25.47	ppb
Sodium	23-2	137948.63	143100.85	141280.90	140776.80	1.86	ppb
Strontium	86-1	771.29	813.78	804.14	796.40	2.80	ppb
Strontium	88-1	765.02	792.95	783.73	780.57	1.82	ppb
Sulfur	34-1	62611.51	61676.55	62471.04	62253.03	0.81	ppb
Terbium	159-1				108		%
Terbium	159-2				103		%
Thallium	203-1	0.15	0.17	0.12	0.14	17.84	ppb
Thallium	205-1	0.15	0.18	0.16	0.16	8.42	ppb
Tin	118-1	-0.21	-0.14	-0.12	-0.15		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-01	Instrumnet Name :	P8
Client Sample ID :	MH1E74	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:16:43	DataFile Name :	053AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.65	0.56	0.61	0.61	7.50	ppb
Uranium	238-1	2.35	2.40	2.52	2.43	3.64	ppb
Vanadium	51-2	0.21	0.20	0.18	0.20	8.32	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				105		%
Zinc	66-2	1254.47	1256.42	1262.14	1257.68	0.32	ppb
Zirconium	90-1	0.06	0.03	0.03	0.04	46.49	ppb
Zirconium	91-1	0.08	0.06	0.03	0.06	45.29	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-02	Instrumnet Name :	P8
Client Sample ID :	MH1E76	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:19:41	DataFile Name :	054AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.19	7.90	6.14	7.08	12.48	ppb
Antimony	121-1	7.51	7.18	7.41	7.37	2.27	ppb
Arsenic	75-2	3.78	3.37	3.45	3.53	6.14	ppb
Barium	135-1	49.45	47.92	47.41	48.26	2.20	ppb
Barium	137-1	51.09	46.94	49.93	49.32	4.34	ppb
Beryllium	9-1	0.00	-0.01	0.00	0.00		ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Boron	10-1	43.64	44.38	46.27	44.76	3.02	ppb
Boron	11-1	42.60	45.65	44.96	44.41	3.61	ppb
Bromine	81-1						cps
Cadmium	111-1	2.38	2.03	2.06	2.15	9.02	ppb
Cadmium	106-1	3.71	1.22	0.43	1.79	95.84	ppb
Cadmium	108-1	3.68	1.69	1.80	2.39	46.72	ppb
Calcium	43-1	146869.97	155186.77	157238.91	153098.55	3.59	ppb
Calcium	44-1	146598.62	155470.98	150864.19	150977.93	2.94	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.06	0.06	0.14	0.09	57.58	ppb
Cobalt	59-2	0.06	0.06	0.04	0.05	27.13	ppb
Copper	63-2	1.36	1.46	1.46	1.43	4.04	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				103		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	54-2	30.83	34.91	30.55	32.09	7.60	ppb
Iron	56-2	31.35	32.07	30.31	31.24	2.84	ppb
Iron	57-2	138.60	137.91	139.44	138.65	0.55	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-02	Instrumnet Name :	P8
Client Sample ID :	MH1E76	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:19:41	DataFile Name :	054AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.86	1.92	1.86	1.88	1.85	ppb
Lead	207-1	1.67	2.14	1.83	1.88	12.75	ppb
Lead	208-1	1.83	1.95	1.91	1.90	3.17	ppb
Lithium	6-1				113		%
Magnesium	24-2	35247.92	35314.34	35232.34	35264.87	0.12	ppb
Manganese	55-2	5.77	5.23	5.47	5.49	4.93	ppb
Molybdenum	94-1	1.29	1.19	1.01	1.16	12.27	ppb
Molybdenum	95-1	1.12	1.38	1.17	1.22	11.25	ppb
Molybdenum	96-1	1.41	1.21	1.16	1.26	10.59	ppb
Molybdenum	97-1	1.18	1.46	1.26	1.30	11.06	ppb
Molybdenum	98-1	1.28	1.19	1.17	1.21	4.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.76	0.72	0.81	0.77	5.78	ppb
Phosphorus	31-2	-23.53	-1.67	-9.00	-11.40		ppb
Potassium	39-2	2494.78	2457.89	2487.00	2479.89	0.78	ppb
Rhodium	103-1				96		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	82-1	-0.59	-0.11	-0.18	-0.29		ppb
Selenium	77-2	1.26	-0.05	-0.05	0.39	196.72	ppb
Selenium	78-2	0.98	-0.99	-1.45	-0.49		ppb
Silicon	28-1	6722.93	7062.40	7286.76	7024.03	4.04	ppb
Silver	107-1	0.51	0.03	0.02	0.19	146.92	ppb
Silver	109-1	0.02	0.03	0.02	0.02	14.39	ppb
Sodium	23-2	123418.55	121941.30	121530.41	122296.75	0.81	ppb
Strontium	86-1	703.14	696.12	712.31	703.86	1.15	ppb
Strontium	88-1	695.45	676.52	686.08	686.02	1.38	ppb
Sulfur	34-1	54737.66	57194.74	59228.88	57053.76	3.94	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.05	0.05	0.05	0.05	4.59	ppb
Thallium	205-1	0.04	0.10	0.08	0.07	38.95	ppb
Tin	118-1	-0.16	-0.16	-0.13	-0.15		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-02	Instrumnet Name :	P8
Client Sample ID :	MH1E76	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:19:41	DataFile Name :	054AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.82	0.60	0.59	0.67	19.15	ppb
Uranium	238-1	1.71	1.76	1.75	1.74	1.58	ppb
Vanadium	51-2	0.18	0.18	0.18	0.18	0.29	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	542.50	529.74	516.62	529.62	2.44	ppb
Zirconium	90-1	0.02	0.01	0.04	0.02	63.83	ppb
Zirconium	91-1	0.02	0.01	0.00	0.01	71.58	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-03	Instrumnet Name :	P8
Client Sample ID :	MH1E78	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:22:36	DataFile Name :	055AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.73	8.00	6.74	7.49	8.90	ppb
Antimony	121-1	9.70	9.36	9.76	9.61	2.24	ppb
Arsenic	75-2	4.27	4.15	3.99	4.14	3.45	ppb
Barium	135-1	52.33	50.88	51.53	51.58	1.40	ppb
Barium	137-1	52.48	50.34	50.86	51.22	2.18	ppb
Beryllium	9-1	-0.03	-0.02	-0.02	-0.02		ppb
Bismuth	209-1				101		%
Bismuth	209-2				96		%
Boron	10-1	42.86	44.42	46.38	44.55	3.95	ppb
Boron	11-1	43.58	45.00	45.75	44.78	2.47	ppb
Bromine	81-1						cps
Cadmium	111-1	6.40	6.42	5.68	6.17	6.86	ppb
Cadmium	106-1	6.62	8.98	0.30	5.30	84.68	ppb
Cadmium	108-1	5.69	5.55	5.32	5.52	3.41	ppb
Calcium	43-1	163112.58	162434.89	163636.12	163061.20	0.37	ppb
Calcium	44-1	162443.54	164806.19	167183.46	164811.06	1.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.08	0.08	0.15	0.10	40.25	ppb
Cobalt	59-2	0.10	0.12	0.11	0.11	8.66	ppb
Copper	63-2	2.51	2.37	2.58	2.49	4.33	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				103		%
Holmium	165-2				103		%
Indium	115-1				105		%
Indium	115-2				98		%
Iron	54-2	25.97	31.00	28.80	28.59	8.82	ppb
Iron	56-2	28.69	28.58	29.65	28.97	2.04	ppb
Iron	57-2	143.95	147.63	164.52	152.04	7.22	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-03	Instrumnet Name :	P8
Client Sample ID :	MH1E78	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:22:36	DataFile Name :	055AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.66	1.67	1.66	1.66	0.27	ppb
Lead	207-1	1.75	1.63	1.67	1.68	3.75	ppb
Lead	208-1	1.73	1.66	1.69	1.69	2.00	ppb
Lithium	6-1				114		%
Magnesium	24-2	39464.56	41170.12	41174.43	40603.04	2.43	ppb
Manganese	55-2	15.44	15.59	15.92	15.65	1.56	ppb
Molybdenum	94-1	1.17	1.17	1.15	1.16	1.23	ppb
Molybdenum	95-1	1.24	1.29	1.35	1.29	3.97	ppb
Molybdenum	96-1	1.23	1.24	1.14	1.20	4.43	ppb
Molybdenum	97-1	1.56	1.33	1.53	1.47	8.59	ppb
Molybdenum	98-1	1.38	1.21	1.28	1.29	6.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.18	1.23	1.44	1.28	10.94	ppb
Phosphorus	31-2	3.26	-11.85	-10.59	-6.39		ppb
Potassium	39-2	2624.00	2671.12	2700.84	2665.32	1.45	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				106		%
Scandium	45-2				101		%
Selenium	82-1	0.40	0.61	-1.59	-0.19		ppb
Selenium	77-2	-0.03	-1.33	1.30	-0.02		ppb
Selenium	78-2	-1.14	0.57	0.15	-0.14		ppb
Silicon	28-1	6724.98	6849.53	6837.50	6804.00	1.01	ppb
Silver	107-1	0.03	0.03	0.03	0.03	8.11	ppb
Silver	109-1	0.03	0.02	0.04	0.03	21.51	ppb
Sodium	23-2	139920.37	142753.72	144912.05	142528.71	1.76	ppb
Strontium	86-1	796.88	811.53	762.11	790.17	3.21	ppb
Strontium	88-1	777.61	771.41	777.19	775.40	0.45	ppb
Sulfur	34-1	62270.63	62409.95	62313.01	62331.20	0.11	ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	0.18	0.11	0.17	0.15	24.07	ppb
Thallium	205-1	0.19	0.14	0.15	0.16	14.15	ppb
Tin	118-1	-0.19	-0.17	-0.21	-0.19		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-03	Instrumnet Name :	P8
Client Sample ID :	MH1E78	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:22:36	DataFile Name :	055AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.47	0.57	0.82	0.62	28.63	ppb
Uranium	238-1	2.33	2.29	2.40	2.34	2.34	ppb
Vanadium	51-2	0.13	0.14	0.12	0.13	8.89	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	1457.09	1471.96	1483.25	1470.77	0.89	ppb
Zirconium	90-1	0.03	0.02	0.02	0.02	17.01	ppb
Zirconium	91-1	0.06	0.04	0.04	0.05	33.01	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-04	Instrumnet Name :	P8
Client Sample ID :	MH1E80	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:25:34	DataFile Name :	056AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.85	6.24	5.71	5.93	4.67	ppb
Antimony	121-1	14.84	15.03	17.01	15.63	7.68	ppb
Arsenic	75-2	3.53	3.50	3.55	3.53	0.66	ppb
Barium	135-1	50.77	51.82	58.76	53.78	8.08	ppb
Barium	137-1	52.34	51.84	57.63	53.94	5.95	ppb
Beryllium	9-1	-0.01	-0.02	0.00	-0.01		ppb
Bismuth	209-1				98		%
Bismuth	209-2				95		%
Boron	10-1	49.39	46.83	56.86	51.03	10.21	ppb
Boron	11-1	50.74	47.68	58.82	52.41	10.98	ppb
Bromine	81-1						cps
Cadmium	111-1	4.24	3.72	4.63	4.20	10.97	ppb
Cadmium	106-1	5.96	2.25	4.00	4.07	45.61	ppb
Cadmium	108-1	4.29	3.81	4.97	4.35	13.39	ppb
Calcium	43-1	187790.79	193453.88	205732.39	195659.02	4.69	ppb
Calcium	44-1	186291.77	194900.07	210364.77	197185.54	6.19	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.14	0.08	0.20	0.14	41.50	ppb
Cobalt	59-2	0.49	0.42	0.47	0.46	8.30	ppb
Copper	63-2	2.37	2.25	2.18	2.27	4.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				97		%
Indium	115-2				97		%
Iron	54-2	271.64	260.00	271.14	267.60	2.46	ppb
Iron	56-2	270.01	264.45	275.87	270.11	2.11	ppb
Iron	57-2	407.89	381.77	419.26	402.98	4.77	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-04	Instrumnet Name :	P8
Client Sample ID :	MH1E80	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:25:34	DataFile Name :	056AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4.86	4.91	5.60	5.12	8.10	ppb
Lead	207-1	4.88	4.98	5.27	5.05	3.97	ppb
Lead	208-1	4.92	4.99	5.45	5.12	5.58	ppb
Lithium	6-1				111		%
Magnesium	24-2	46979.64	47324.47	49223.83	47842.64	2.53	ppb
Manganese	55-2	236.10	228.09	240.03	234.74	2.59	ppb
Molybdenum	94-1	0.90	0.90	0.94	0.91	2.67	ppb
Molybdenum	95-1	0.92	0.92	1.28	1.04	20.19	ppb
Molybdenum	96-1	1.09	1.04	1.23	1.12	9.05	ppb
Molybdenum	97-1	1.04	1.06	1.19	1.10	7.73	ppb
Molybdenum	98-1	1.07	1.06	1.18	1.11	6.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.21	1.26	1.40	1.29	7.56	ppb
Phosphorus	31-2	0.13	-19.88	12.79	-2.32		ppb
Potassium	39-2	2286.60	2176.57	2259.73	2240.97	2.56	ppb
Rhodium	103-1				94		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	82-1	1.31	0.42	0.12	0.62	100.30	ppb
Selenium	77-2	1.30	2.61	1.37	1.76	42.09	ppb
Selenium	78-2	0.14	-1.42	0.71	-0.19		ppb
Silicon	28-1	10685.61	10897.40	12004.68	11195.90	6.33	ppb
Silver	107-1	0.02	0.02	0.03	0.03	17.07	ppb
Silver	109-1	0.02	0.03	0.04	0.03	27.78	ppb
Sodium	23-2	154421.59	149424.27	155485.76	153110.54	2.11	ppb
Strontium	86-1	963.93	972.43	1040.01	992.12	4.20	ppb
Strontium	88-1	932.05	955.23	1019.47	968.92	4.67	ppb
Sulfur	34-1	68963.65	73349.09	79953.59	74088.77	7.47	ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	0.06	0.08	0.11	0.08	33.57	ppb
Thallium	205-1	0.09	0.11	0.11	0.10	13.95	ppb
Tin	118-1	-0.07	-0.08	0.02	-0.04		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-04	Instrumnet Name :	P8
Client Sample ID :	MH1E80	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:25:34	DataFile Name :	056AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.79	0.77	0.77	0.78	1.38	ppb
Uranium	238-1	1.70	1.78	1.93	1.80	6.58	ppb
Vanadium	51-2	0.15	0.19	0.14	0.16	13.98	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	1222.98	1198.66	1219.89	1213.84	1.09	ppb
Zirconium	90-1	0.02	0.04	0.04	0.03	33.45	ppb
Zirconium	91-1	0.01	0.01	0.06	0.02	118.56	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-05	Instrumnet Name :	P8
Client Sample ID :	MH1E82	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:28:29	DataFile Name :	057AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.10	8.72	9.83	9.55	7.67	ppb
Antimony	121-1	8.89	8.72	8.58	8.73	1.74	ppb
Arsenic	75-2	6.11	6.10	5.75	5.99	3.39	ppb
Barium	135-1	57.30	55.83	55.15	56.09	1.96	ppb
Barium	137-1	59.22	57.51	54.78	57.17	3.92	ppb
Beryllium	9-1	0.00	-0.01	-0.02	-0.01		ppb
Bismuth	209-1				99		%
Bismuth	209-2				95		%
Boron	10-1	47.88	47.55	47.30	47.58	0.62	ppb
Boron	11-1	50.30	49.30	51.14	50.25	1.83	ppb
Bromine	81-1						cps
Cadmium	111-1	1.08	0.76	0.61	0.82	29.48	ppb
Cadmium	106-1	3.73	-0.51	-1.76	0.49	590.02	ppb
Cadmium	108-1	0.86	0.51	0.41	0.59	39.50	ppb
Calcium	43-1	186034.31	195525.05	187737.67	189765.68	2.67	ppb
Calcium	44-1	188353.74	194742.20	186963.22	190019.72	2.18	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.43	3.59	3.37	3.46	3.26	ppb
Cobalt	59-2	0.37	0.39	0.35	0.37	5.63	ppb
Copper	63-2	2.24	2.34	2.33	2.30	2.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	54-2	113.87	105.09	108.41	109.12	4.06	ppb
Iron	56-2	110.57	112.84	109.24	110.89	1.64	ppb
Iron	57-2	245.11	256.22	247.23	249.52	2.36	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-05	Instrumnet Name :	P8
Client Sample ID :	MH1E82	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:28:29	DataFile Name :	057AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	5.83	5.83	5.94	5.86	1.12	ppb
Lead	207-1	6.21	5.97	5.80	5.99	3.41	ppb
Lead	208-1	6.06	6.01	5.98	6.02	0.73	ppb
Lithium	6-1				113		%
Magnesium	24-2	47946.31	46666.31	47734.44	47449.02	1.45	ppb
Manganese	55-2	276.39	272.37	276.44	275.07	0.85	ppb
Molybdenum	94-1	0.37	0.53	0.51	0.47	19.07	ppb
Molybdenum	95-1	0.55	0.56	0.57	0.56	2.00	ppb
Molybdenum	96-1	0.48	0.47	0.54	0.50	7.73	ppb
Molybdenum	97-1	0.37	0.52	0.58	0.49	21.24	ppb
Molybdenum	98-1	0.47	0.57	0.53	0.52	9.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.70	3.78	3.76	3.75	1.07	ppb
Phosphorus	31-2	7.72	7.78	-7.11	2.80	306.57	ppb
Potassium	39-2	1255.15	1249.76	1274.83	1259.91	1.05	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	82-1	-1.54	-0.92	0.38	-0.70		ppb
Selenium	77-2	0.00	0.02	-1.33	-0.44		ppb
Selenium	78-2	-0.86	-0.74	-1.34	-0.98		ppb
Silicon	28-1	11393.33	12538.32	11454.59	11795.41	5.46	ppb
Silver	107-1	0.02	0.04	0.04	0.03	32.39	ppb
Silver	109-1	0.04	0.04	0.05	0.04	8.24	ppb
Sodium	23-2	154410.20	157311.21	157015.30	156245.57	1.02	ppb
Strontium	86-1	900.19	908.72	889.52	899.48	1.07	ppb
Strontium	88-1	899.68	885.37	871.27	885.44	1.60	ppb
Sulfur	34-1	66801.90	71137.28	62994.57	66977.92	6.08	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	-0.01	-0.02	-0.02	-0.02		ppb
Thallium	205-1	-0.01	-0.01	-0.02	-0.01		ppb
Tin	118-1	0.00	-0.09	-0.07	-0.06		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-05	Instrumnet Name :	P8
Client Sample ID :	MH1E82	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:28:29	DataFile Name :	057AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.87	0.59	1.07	0.84	28.74	ppb
Uranium	238-1	0.62	0.59	0.58	0.60	3.17	ppb
Vanadium	51-2	0.09	0.09	0.07	0.08	16.63	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				98		%
Zinc	66-2	291.96	289.43	292.93	291.44	0.62	ppb
Zirconium	90-1	0.03	0.02	0.03	0.03	26.18	ppb
Zirconium	91-1	0.06	0.02	-0.01	0.02	152.10	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-06	Instrumnet Name :	P8
Client Sample ID :	MH1E84	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:31:27	DataFile Name :	058AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.31	4.01	3.99	4.10	4.28	ppb
Antimony	121-1	15.25	16.36	16.55	16.05	4.40	ppb
Arsenic	75-2	5.31	5.27	5.46	5.35	1.86	ppb
Barium	135-1	47.92	50.36	50.04	49.44	2.68	ppb
Barium	137-1	48.72	49.17	50.67	49.52	2.06	ppb
Beryllium	9-1	-0.01	-0.03	-0.02	-0.02		ppb
Bismuth	209-1				100		%
Bismuth	209-2				95		%
Boron	10-1	45.80	46.82	49.79	47.47	4.36	ppb
Boron	11-1	44.29	49.10	51.25	48.22	7.39	ppb
Bromine	81-1						cps
Cadmium	111-1	6.77	6.86	7.56	7.06	6.16	ppb
Cadmium	106-1	4.15	7.79	5.94	5.96	30.59	ppb
Cadmium	108-1	7.06	6.74	6.12	6.64	7.24	ppb
Calcium	43-1	177279.22	174243.15	177068.82	176197.06	0.96	ppb
Calcium	44-1	176581.22	178468.45	182898.87	179316.18	1.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.12	0.17	0.20	0.16	26.99	ppb
Cobalt	59-2	0.17	0.17	0.15	0.16	5.92	ppb
Copper	63-2	2.82	2.85	2.93	2.87	2.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				99		%
Indium	115-1				101		%
Indium	115-2				96		%
Iron	54-2	34.89	31.46	34.04	33.46	5.34	ppb
Iron	56-2	36.35	36.28	35.88	36.17	0.71	ppb
Iron	57-2	166.27	174.88	177.73	172.96	3.45	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-06	Instrumnet Name :	P8
Client Sample ID :	MH1E84	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:31:27	DataFile Name :	058AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	3.20	3.32	3.35	3.29	2.46	ppb
Lead	207-1	3.26	3.32	3.12	3.24	3.15	ppb
Lead	208-1	3.22	3.34	3.28	3.28	1.77	ppb
Lithium	6-1				114		%
Magnesium	24-2	45364.18	45111.19	44726.86	45067.41	0.71	ppb
Manganese	55-2	52.36	51.24	50.92	51.51	1.47	ppb
Molybdenum	94-1	1.08	1.19	1.24	1.17	7.01	ppb
Molybdenum	95-1	1.28	1.16	1.37	1.27	8.17	ppb
Molybdenum	96-1	1.37	1.27	1.37	1.34	4.21	ppb
Molybdenum	97-1	1.44	1.30	1.39	1.38	5.00	ppb
Molybdenum	98-1	1.39	1.40	1.37	1.38	0.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.58	1.63	1.46	1.56	5.64	ppb
Phosphorus	31-2	-10.95	24.22	3.86	5.71	309.34	ppb
Potassium	39-2	2785.81	2817.58	2732.00	2778.46	1.56	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				106		%
Scandium	45-2				101		%
Selenium	82-1	-3.67	1.42	0.87	-0.46		ppb
Selenium	77-2	1.28	-0.04	-1.33	-0.03		ppb
Selenium	78-2	-0.40	-0.55	0.29	-0.22		ppb
Silicon	28-1	7665.61	7697.63	7873.83	7745.69	1.45	ppb
Silver	107-1	0.05	0.05	0.03	0.04	18.77	ppb
Silver	109-1	0.03	0.04	0.05	0.04	30.63	ppb
Sodium	23-2	160416.57	159919.99	157822.81	159386.46	0.86	ppb
Strontium	86-1	833.49	880.99	890.96	868.48	3.54	ppb
Strontium	88-1	822.47	860.91	894.55	859.31	4.20	ppb
Sulfur	34-1	66265.80	66960.63	68359.59	67195.34	1.59	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	0.19	0.23	0.21	0.21	9.28	ppb
Thallium	205-1	0.19	0.25	0.24	0.23	14.20	ppb
Tin	118-1	-0.11	-0.14	-0.14	-0.13		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-06	Instrumnet Name :	P8
Client Sample ID :	MH1E84	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:31:27	DataFile Name :	058AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.55	0.58	0.61	0.58	5.24	ppb
Uranium	238-1	2.55	2.57	2.60	2.57	1.04	ppb
Vanadium	51-2	0.16	0.11	0.12	0.13	22.16	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				101		%
Zinc	66-2	2112.04	2135.29	2048.87	2098.73	2.13	ppb
Zirconium	90-1	0.02	0.00	0.03	0.02	89.22	ppb
Zirconium	91-1	0.00	0.03	0.06	0.03	97.63	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-07	Instrumnet Name :	P8
Client Sample ID :	MH1E86	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:34:22	DataFile Name :	059AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.88	5.16	5.24	5.09	3.68	ppb
Antimony	121-1	16.51	17.63	15.79	16.65	5.56	ppb
Arsenic	75-2	5.94	6.11	5.78	5.95	2.77	ppb
Barium	135-1	51.00	51.01	48.74	50.25	2.60	ppb
Barium	137-1	54.10	53.92	50.37	52.80	3.98	ppb
Beryllium	9-1	-0.02	-0.01	-0.02	-0.02		ppb
Bismuth	209-1				101		%
Bismuth	209-2				93		%
Boron	10-1	47.94	49.61	48.28	48.61	1.82	ppb
Boron	11-1	49.33	52.25	50.62	50.73	2.89	ppb
Bromine	81-1						cps
Cadmium	111-1	7.18	7.93	7.22	7.44	5.69	ppb
Cadmium	106-1	8.70	10.13	4.94	7.92	33.82	ppb
Cadmium	108-1	6.91	7.12	7.16	7.07	1.90	ppb
Calcium	43-1	190069.42	182467.28	191122.55	187886.42	2.51	ppb
Calcium	44-1	189097.95	191673.97	188800.86	189857.59	0.83	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.62	0.60	0.68	0.64	6.63	ppb
Cobalt	59-2	0.24	0.28	0.22	0.25	11.07	ppb
Copper	63-2	3.14	3.12	3.00	3.09	2.48	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				104		%
Holmium	165-2				98		%
Indium	115-1				104		%
Indium	115-2				96		%
Iron	54-2	29.86	29.65	29.50	29.67	0.60	ppb
Iron	56-2	31.48	31.80	30.42	31.23	2.32	ppb
Iron	57-2	165.95	165.72	185.54	172.41	6.60	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-07	Instrumnet Name :	P8
Client Sample ID :	MH1E86	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:34:22	DataFile Name :	059AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	3.12	3.40	3.05	3.19	5.87	ppb
Lead	207-1	3.45	3.44	3.32	3.40	2.15	ppb
Lead	208-1	3.29	3.44	3.20	3.31	3.77	ppb
Lithium	6-1				116		%
Magnesium	24-2	48348.40	48240.50	47114.97	47901.29	1.43	ppb
Manganese	55-2	53.43	52.74	51.44	52.54	1.92	ppb
Molybdenum	94-1	1.24	1.21	1.27	1.24	2.25	ppb
Molybdenum	95-1	1.35	1.51	1.33	1.40	7.09	ppb
Molybdenum	96-1	1.42	1.32	1.44	1.39	4.62	ppb
Molybdenum	97-1	1.43	1.53	1.42	1.46	4.38	ppb
Molybdenum	98-1	1.38	1.47	1.51	1.46	4.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.13	5.17	4.87	5.06	3.28	ppb
Phosphorus	31-2	21.09	19.92	-11.80	9.74	191.61	ppb
Potassium	39-2	2943.31	2890.00	2835.30	2889.54	1.87	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				106		%
Scandium	45-2				101		%
Selenium	82-1	0.13	1.35	-0.16	0.44	181.89	ppb
Selenium	77-2	2.70	2.64	-0.01	1.78	87.31	ppb
Selenium	78-2	-0.05	-0.53	-0.19	-0.25		ppb
Silicon	28-1	8357.10	7692.60	8305.85	8118.52	4.55	ppb
Silver	107-1	0.03	0.04	0.03	0.04	22.11	ppb
Silver	109-1	0.05	0.04	0.03	0.04	19.03	ppb
Sodium	23-2	167772.53	170136.01	161593.53	166500.69	2.65	ppb
Strontium	86-1	949.54	932.23	919.55	933.77	1.61	ppb
Strontium	88-1	901.69	918.58	906.69	908.99	0.95	ppb
Sulfur	34-1	71488.07	66820.45	69183.43	69163.99	3.37	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	0.19	0.26	0.25	0.23	16.48	ppb
Thallium	205-1	0.23	0.23	0.24	0.23	2.96	ppb
Tin	118-1	-0.15	-0.13	-0.12	-0.13		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-07	Instrumnet Name :	P8
Client Sample ID :	MH1E86	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:34:22	DataFile Name :	059AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.54	0.52	0.37	0.48	19.22	ppb
Uranium	238-1	2.62	2.76	2.60	2.66	3.23	ppb
Vanadium	51-2	0.11	0.14	0.15	0.13	12.15	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	2212.93	2186.59	2165.01	2188.18	1.10	ppb
Zirconium	90-1	0.01	0.05	0.04	0.03	52.08	ppb
Zirconium	91-1	0.09	0.01	0.04	0.05	81.02	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-08	Instrumnet Name :	P8
Client Sample ID :	MH1E88	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:37:20	DataFile Name :	060AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.72	6.39	4.91	6.01	16.01	ppb
Antimony	121-1	16.61	15.60	16.03	16.08	3.16	ppb
Arsenic	75-2	6.37	6.21	6.16	6.25	1.84	ppb
Barium	135-1	44.66	46.95	45.81	45.81	2.50	ppb
Barium	137-1	46.58	47.58	46.66	46.94	1.19	ppb
Beryllium	9-1	-0.02	0.00	-0.01	-0.01		ppb
Bismuth	209-1				99		%
Bismuth	209-2				89		%
Boron	10-1	45.54	48.56	47.29	47.13	3.22	ppb
Boron	11-1	44.95	49.15	48.95	47.68	4.97	ppb
Bromine	81-1						cps
Cadmium	111-1	6.05	5.79	6.36	6.06	4.70	ppb
Cadmium	106-1	6.52	2.40	5.32	4.74	44.65	ppb
Cadmium	108-1	6.14	5.78	6.26	6.06	4.09	ppb
Calcium	43-1	168060.76	171751.74	166256.92	168689.81	1.66	ppb
Calcium	44-1	166438.19	175259.29	168084.12	169927.20	2.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.25	0.16	0.17	0.19	23.44	ppb
Cobalt	59-2	0.18	0.15	0.15	0.16	10.40	ppb
Copper	63-2	3.01	2.88	2.65	2.84	6.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				95		%
Indium	115-1				101		%
Indium	115-2				90		%
Iron	54-2	40.31	36.28	39.66	38.75	5.59	ppb
Iron	56-2	40.64	37.62	36.65	38.30	5.43	ppb
Iron	57-2	170.26	172.24	163.86	168.78	2.59	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-08	Instrumnet Name :	P8
Client Sample ID :	MH1E88	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:37:20	DataFile Name :	060AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	5.83	6.08	5.73	5.88	3.07	ppb
Lead	207-1	6.04	6.03	5.82	5.96	2.09	ppb
Lead	208-1	5.92	6.17	5.91	6.00	2.45	ppb
Lithium	6-1				112		%
Magnesium	24-2	46451.78	44671.27	42888.70	44670.59	3.99	ppb
Manganese	55-2	49.95	45.88	45.29	47.04	5.39	ppb
Molybdenum	94-1	1.16	1.15	1.19	1.17	1.78	ppb
Molybdenum	95-1	1.42	1.34	1.40	1.39	3.17	ppb
Molybdenum	96-1	1.37	1.24	1.27	1.29	5.54	ppb
Molybdenum	97-1	1.47	1.33	1.37	1.39	5.22	ppb
Molybdenum	98-1	1.41	1.34	1.41	1.39	2.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.49	1.42	1.31	1.40	6.55	ppb
Phosphorus	31-2	-30.98	6.50	5.61	-6.29		ppb
Potassium	39-2	2986.98	2636.51	2723.38	2782.29	6.56	ppb
Rhodium	103-1				96		%
Rhodium	103-2				92		%
Scandium	45-1				103		%
Scandium	45-2				96		%
Selenium	82-1	-0.99	1.72	-0.16	0.19	737.98	ppb
Selenium	77-2	-1.33	2.78	1.44	0.96	218.25	ppb
Selenium	78-2	1.50	0.73	-1.61	0.21	785.07	ppb
Silicon	28-1	8169.81	7721.53	7601.29	7830.88	3.83	ppb
Silver	107-1	0.07	0.04	0.06	0.06	24.68	ppb
Silver	109-1	0.02	0.03	0.04	0.03	34.98	ppb
Sodium	23-2	165694.64	149667.60	151216.42	155526.22	5.68	ppb
Strontium	86-1	848.27	795.10	853.04	832.14	3.87	ppb
Strontium	88-1	816.15	804.56	828.70	816.47	1.48	ppb
Sulfur	34-1	68033.52	66390.39	66365.85	66929.92	1.43	ppb
Terbium	159-1				100		%
Terbium	159-2				94		%
Thallium	203-1	0.16	0.21	0.24	0.21	19.16	ppb
Thallium	205-1	0.18	0.24	0.21	0.21	13.50	ppb
Tin	118-1	-0.10	-0.20	-0.12	-0.14		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-08	Instrumnet Name :	P8
Client Sample ID :	MH1E88	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:37:20	DataFile Name :	060AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.45	0.40	0.47	0.44	7.37	ppb
Uranium	238-1	2.46	2.66	2.49	2.54	4.18	ppb
Vanadium	51-2	0.14	0.13	0.09	0.12	21.88	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				93		%
Zinc	66-2	1928.36	1779.04	1761.62	1823.01	5.03	ppb
Zirconium	90-1	0.02	0.01	0.02	0.02	33.37	ppb
Zirconium	91-1	0.00	0.01	0.05	0.02	115.77	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-09	Instrumnet Name :	P8
Client Sample ID :	MH1E90	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:40:16	DataFile Name :	061AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32.64	29.78	31.33	31.25	4.58	ppb
Antimony	121-1	30.52	31.15	31.53	31.07	1.64	ppb
Arsenic	75-2	11.81	12.34	11.63	11.93	3.08	ppb
Barium	135-1	30.74	32.72	33.84	32.44	4.85	ppb
Barium	137-1	32.38	34.51	34.39	33.76	3.54	ppb
Beryllium	9-1	-0.02	-0.01	-0.02	-0.02		ppb
Bismuth	209-1				98		%
Bismuth	209-2				96		%
Boron	10-1	40.95	39.05	42.94	40.98	4.74	ppb
Boron	11-1	41.10	40.46	42.21	41.26	2.15	ppb
Bromine	81-1						cps
Cadmium	111-1	19.02	20.98	21.19	20.40	5.87	ppb
Cadmium	106-1	13.57	19.74	22.67	18.66	24.90	ppb
Cadmium	108-1	17.52	19.35	17.17	18.01	6.52	ppb
Calcium	43-1	191233.77	175031.02	180376.16	182213.65	4.53	ppb
Calcium	44-1	187492.72	173656.05	180065.35	180404.71	3.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.82	0.98	0.95	0.92	9.47	ppb
Cobalt	59-2	0.33	0.34	0.37	0.35	5.28	ppb
Copper	63-2	9.64	9.52	9.19	9.45	2.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	54-2	171.69	166.02	171.42	169.71	1.89	ppb
Iron	56-2	171.22	168.85	165.18	168.42	1.81	ppb
Iron	57-2	292.85	304.03	315.47	304.12	3.72	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-09	Instrumnet Name :	P8
Client Sample ID :	MH1E90	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:40:16	DataFile Name :	061AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	69.55	66.82	70.14	68.83	2.57	ppb
Lead	207-1	71.31	69.63	69.92	70.29	1.28	ppb
Lead	208-1	70.87	68.37	70.15	69.80	1.84	ppb
Lithium	6-1				110		%
Magnesium	24-2	46604.11	44146.62	44070.46	44940.40	3.21	ppb
Manganese	55-2	188.64	188.41	183.58	186.88	1.53	ppb
Molybdenum	94-1	0.95	1.10	0.98	1.01	7.80	ppb
Molybdenum	95-1	1.04	1.13	1.08	1.08	4.01	ppb
Molybdenum	96-1	1.18	1.11	1.16	1.15	3.47	ppb
Molybdenum	97-1	1.24	1.34	1.21	1.26	5.51	ppb
Molybdenum	98-1	1.24	1.08	1.20	1.17	6.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.43	1.53	1.36	1.44	6.10	ppb
Phosphorus	31-2	2.73	56.17	58.55	39.15	80.62	ppb
Potassium	39-2	2792.34	2764.65	2695.79	2750.93	1.81	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Selenium	82-1	-0.62	1.11	0.89	0.46	202.93	ppb
Selenium	77-2	-0.04	1.29	-0.08	0.39	199.91	ppb
Selenium	78-2	0.12	0.72	-0.08	0.25	162.81	ppb
Silicon	28-1	7691.26	7909.46	7738.43	7779.72	1.48	ppb
Silver	107-1	0.18	0.24	0.19	0.20	15.69	ppb
Silver	109-1	0.25	0.22	0.23	0.23	7.08	ppb
Sodium	23-2	160005.82	156756.10	155389.99	157383.97	1.51	ppb
Strontium	86-1	880.46	873.84	869.20	874.50	0.65	ppb
Strontium	88-1	869.55	842.26	856.14	855.98	1.59	ppb
Sulfur	34-1	73532.65	75564.49	71131.93	73409.69	3.02	ppb
Terbium	159-1				99		%
Terbium	159-2				100		%
Thallium	203-1	0.46	0.40	0.45	0.44	6.99	ppb
Thallium	205-1	0.50	0.45	0.45	0.47	6.02	ppb
Tin	118-1	-0.18	-0.02	-0.17	-0.12		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-09	Instrumnet Name :	P8
Client Sample ID :	MH1E90	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:40:16	DataFile Name :	061AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.25	1.30	1.29	1.28	1.91	ppb
Uranium	238-1	3.07	3.09	3.06	3.07	0.54	ppb
Vanadium	51-2	0.16	0.20	0.14	0.17	18.24	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	2768.57	2737.55	2770.94	2759.02	0.68	ppb
Zirconium	90-1	0.04	0.06	0.06	0.05	22.91	ppb
Zirconium	91-1	0.04	0.01	0.04	0.03	48.47	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-10	Instrumnet Name :	P8
Client Sample ID :	MH1E92	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:43:13	DataFile Name :	062AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.41	7.68	8.12	8.07	4.54	ppb
Antimony	121-1	15.72	16.06	16.22	16.00	1.61	ppb
Arsenic	75-2	5.95	5.19	5.31	5.48	7.49	ppb
Barium	135-1	45.38	45.44	47.08	45.96	2.10	ppb
Barium	137-1	45.74	46.38	47.89	46.67	2.36	ppb
Beryllium	9-1	-0.02	-0.03	-0.02	-0.02		ppb
Bismuth	209-1				100		%
Bismuth	209-2				96		%
Boron	10-1	42.77	43.59	44.73	43.70	2.25	ppb
Boron	11-1	40.62	43.66	43.54	42.61	4.04	ppb
Bromine	81-1						cps
Cadmium	111-1	5.91	5.91	6.19	6.00	2.64	ppb
Cadmium	106-1	6.11	4.53	7.65	6.09	25.57	ppb
Cadmium	108-1	5.73	5.39	5.97	5.70	5.11	ppb
Calcium	43-1	174624.09	177696.10	176965.57	176428.59	0.91	ppb
Calcium	44-1	175228.46	174853.02	173937.05	174672.84	0.38	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.29	0.21	0.23	0.24	17.78	ppb
Cobalt	59-2	0.19	0.20	0.16	0.18	10.95	ppb
Copper	63-2	3.05	2.76	2.90	2.90	4.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	54-2	42.27	43.45	41.48	42.40	2.33	ppb
Iron	56-2	44.44	42.59	41.84	42.96	3.12	ppb
Iron	57-2	167.81	175.01	167.12	169.98	2.57	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-10	Instrumnet Name :	P8
Client Sample ID :	MH1E92	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:43:13	DataFile Name :	062AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	5.73	5.74	5.73	5.73	0.15	ppb
Lead	207-1	5.89	5.92	6.07	5.96	1.70	ppb
Lead	208-1	5.73	5.87	5.88	5.82	1.47	ppb
Lithium	6-1				114		%
Magnesium	24-2	42799.56	41326.40	42466.89	42197.61	1.83	ppb
Manganese	55-2	44.96	44.98	44.66	44.86	0.40	ppb
Molybdenum	94-1	1.11	1.17	1.28	1.18	7.39	ppb
Molybdenum	95-1	1.37	1.44	1.39	1.40	2.85	ppb
Molybdenum	96-1	1.18	1.34	1.27	1.26	6.53	ppb
Molybdenum	97-1	1.35	1.28	1.40	1.34	4.54	ppb
Molybdenum	98-1	1.26	1.28	1.27	1.27	0.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.35	1.31	1.42	1.36	4.09	ppb
Phosphorus	31-2	-8.66	-12.86	5.14	-5.46		ppb
Potassium	39-2	2631.51	2662.66	2584.24	2626.14	1.50	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				101		%
Scandium	45-2				104		%
Selenium	82-1	0.15	0.31	-0.52	-0.02		ppb
Selenium	77-2	1.28	-1.33	-1.33	-0.46		ppb
Selenium	78-2	0.10	-1.12	-0.31	-0.44		ppb
Silicon	28-1	7970.00	7822.39	8167.74	7986.71	2.17	ppb
Silver	107-1	0.04	0.06	0.05	0.05	15.73	ppb
Silver	109-1	0.05	0.06	0.06	0.06	9.06	ppb
Sodium	23-2	150887.57	148497.05	144895.98	148093.53	2.04	ppb
Strontium	86-1	818.91	848.72	862.91	843.51	2.66	ppb
Strontium	88-1	822.24	837.19	844.86	834.76	1.38	ppb
Sulfur	34-1	68863.33	67627.83	69353.35	68614.84	1.30	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	0.18	0.17	0.22	0.19	14.73	ppb
Thallium	205-1	0.20	0.19	0.21	0.20	4.11	ppb
Tin	118-1	-0.09	-0.13	-0.11	-0.11		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-10	Instrumnet Name :	P8
Client Sample ID :	MH1E92	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:43:13	DataFile Name :	062AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.67	0.65	0.63	0.65	3.61	ppb
Uranium	238-1	2.54	2.33	2.52	2.46	4.63	ppb
Vanadium	51-2	0.15	0.13	0.13	0.14	8.82	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				103		%
Zinc	66-2	1746.89	1738.71	1698.70	1728.10	1.49	ppb
Zirconium	90-1	0.04	0.02	0.04	0.04	29.59	ppb
Zirconium	91-1	0.02	0.03	-0.02	0.01	210.70	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-11	Instrumnet Name :	P8
Client Sample ID :	MH1E94	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:46:09	DataFile Name :	063AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.54	9.23	9.48	9.41	1.75	ppb
Antimony	121-1	16.48	16.29	16.78	16.52	1.49	ppb
Arsenic	75-2	6.06	6.13	5.84	6.01	2.51	ppb
Barium	135-1	47.17	46.96	47.60	47.24	0.69	ppb
Barium	137-1	48.10	48.08	48.33	48.17	0.29	ppb
Beryllium	9-1	-0.03	-0.01	-0.03	-0.03		ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Boron	10-1	41.67	43.19	44.25	43.04	3.02	ppb
Boron	11-1	42.26	43.78	46.94	44.33	5.38	ppb
Bromine	81-1						cps
Cadmium	111-1	6.09	6.14	5.96	6.07	1.53	ppb
Cadmium	106-1	7.76	8.40	5.21	7.12	23.67	ppb
Cadmium	108-1	5.77	6.32	6.23	6.11	4.79	ppb
Calcium	43-1	172727.10	170894.66	171403.55	171675.10	0.55	ppb
Calcium	44-1	175436.75	176055.51	174739.48	175410.58	0.38	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.45	0.48	0.46	0.47	3.55	ppb
Cobalt	59-2	0.14	0.14	0.20	0.16	22.43	ppb
Copper	63-2	2.94	3.19	3.07	3.07	4.08	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				103		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	54-2	56.65	58.39	56.29	57.11	1.97	ppb
Iron	56-2	57.49	56.62	54.93	56.35	2.31	ppb
Iron	57-2	176.90	183.97	186.50	182.46	2.73	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-11	Instrumnet Name :	P8
Client Sample ID :	MH1E94	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:46:09	DataFile Name :	063AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	7.95	8.49	8.54	8.32	3.94	ppb
Lead	207-1	7.97	8.67	8.92	8.52	5.77	ppb
Lead	208-1	8.16	8.77	8.90	8.61	4.58	ppb
Lithium	6-1				114		%
Magnesium	24-2	42935.76	44516.40	43352.36	43601.51	1.88	ppb
Manganese	55-2	49.09	49.74	48.69	49.18	1.08	ppb
Molybdenum	94-1	1.19	1.27	0.98	1.15	12.99	ppb
Molybdenum	95-1	1.19	1.31	1.34	1.28	6.13	ppb
Molybdenum	96-1	1.32	1.20	1.20	1.24	5.65	ppb
Molybdenum	97-1	1.31	1.29	1.24	1.28	2.73	ppb
Molybdenum	98-1	1.24	1.38	1.35	1.32	5.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.78	1.65	1.65	1.69	4.30	ppb
Phosphorus	31-2	-2.14	40.50	-2.61	11.91	207.76	ppb
Potassium	39-2	2651.82	2682.97	2654.33	2663.04	0.65	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				106		%
Scandium	45-2				105		%
Selenium	82-1	0.54	-0.75	0.69	0.16	497.51	ppb
Selenium	77-2	2.47	2.57	-1.33	1.23	180.23	ppb
Selenium	78-2	-0.72	-0.65	-2.02	-1.13		ppb
Silicon	28-1	7500.26	7632.25	7738.20	7623.57	1.56	ppb
Silver	107-1	0.06	0.06	0.06	0.06	0.66	ppb
Silver	109-1	0.06	0.05	0.06	0.05	12.61	ppb
Sodium	23-2	149344.72	152523.48	153319.94	151729.38	1.39	ppb
Strontium	86-1	845.48	865.67	844.70	851.95	1.40	ppb
Strontium	88-1	829.26	865.01	846.03	846.77	2.11	ppb
Sulfur	34-1	67070.45	64769.56	65757.60	65865.87	1.75	ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	0.18	0.28	0.25	0.24	20.84	ppb
Thallium	205-1	0.19	0.22	0.22	0.21	6.97	ppb
Tin	118-1	-0.14	-0.11	-0.10	-0.11		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-11	Instrumnet Name :	P8
Client Sample ID :	MH1E94	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:46:09	DataFile Name :	063AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.52	0.83	0.69	0.68	23.24	ppb
Uranium	238-1	2.51	2.55	2.56	2.54	1.11	ppb
Vanadium	51-2	0.13	0.11	0.17	0.14	21.98	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				103		%
Zinc	66-2	1770.24	1750.48	1746.31	1755.68	0.73	ppb
Zirconium	90-1	0.04	0.03	0.04	0.04	22.61	ppb
Zirconium	91-1	0.04	0.02	0.01	0.02	62.91	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-12	Instrumnet Name :	P8
Client Sample ID :	MH1E96	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:49:07	DataFile Name :	064AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.88	15.35	16.63	16.29	5.03	ppb
Antimony	121-1	16.21	16.08	15.74	16.01	1.50	ppb
Arsenic	75-2	6.34	5.99	6.19	6.17	2.82	ppb
Barium	135-1	46.74	45.58	46.91	46.41	1.56	ppb
Barium	137-1	47.58	47.82	48.21	47.87	0.67	ppb
Beryllium	9-1	-0.02	-0.03	-0.03	-0.03		ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Boron	10-1	43.01	45.49	45.20	44.57	3.04	ppb
Boron	11-1	41.87	44.22	45.00	43.70	3.73	ppb
Bromine	81-1						cps
Cadmium	111-1	5.79	5.94	6.14	5.95	2.99	ppb
Cadmium	106-1	2.07	2.63	4.59	3.10	42.71	ppb
Cadmium	108-1	4.97	5.87	6.61	5.82	14.12	ppb
Calcium	43-1	170234.85	170849.39	175216.24	172100.16	1.58	ppb
Calcium	44-1	175513.33	171455.56	176704.62	174557.83	1.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.20	0.17	0.22	0.20	11.65	ppb
Cobalt	59-2	0.20	0.20	0.16	0.19	11.94	ppb
Copper	63-2	3.35	3.31	3.43	3.36	1.81	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				103		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	54-2	74.13	74.61	69.42	72.72	3.95	ppb
Iron	56-2	71.81	70.57	70.53	70.97	1.03	ppb
Iron	57-2	201.26	190.77	195.72	195.91	2.68	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-12	Instrumnet Name :	P8
Client Sample ID :	MH1E96	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:49:07	DataFile Name :	064AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	11.42	11.15	11.75	11.44	2.62	ppb
Lead	207-1	11.47	11.19	11.51	11.39	1.50	ppb
Lead	208-1	11.41	11.26	11.86	11.51	2.68	ppb
Lithium	6-1				115		%
Magnesium	24-2	43391.42	41104.04	43416.59	42637.35	3.11	ppb
Manganese	55-2	52.41	50.58	52.83	51.94	2.31	ppb
Molybdenum	94-1	1.38	1.25	1.24	1.29	5.90	ppb
Molybdenum	95-1	1.35	1.42	1.31	1.36	4.10	ppb
Molybdenum	96-1	1.30	1.31	1.37	1.33	2.78	ppb
Molybdenum	97-1	1.46	1.33	1.46	1.42	5.53	ppb
Molybdenum	98-1	1.46	1.35	1.43	1.41	3.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.56	1.30	1.31	1.39	10.59	ppb
Phosphorus	31-2	-13.22	23.62	2.99	4.46	413.64	ppb
Potassium	39-2	2692.27	2597.88	2628.13	2639.43	1.83	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				105		%
Scandium	45-2				104		%
Selenium	82-1	0.49	0.18	-1.39	-0.24		ppb
Selenium	77-2	1.25	-1.33	1.23	0.38	389.11	ppb
Selenium	78-2	0.00	0.19	0.06	0.08	117.18	ppb
Silicon	28-1	7700.21	7670.36	7702.72	7691.09	0.23	ppb
Silver	107-1	0.05	0.04	0.06	0.05	20.56	ppb
Silver	109-1	0.06	0.09	0.06	0.07	26.41	ppb
Sodium	23-2	151767.52	146986.01	149358.55	149370.69	1.60	ppb
Strontium	86-1	856.04	859.05	870.66	861.92	0.90	ppb
Strontium	88-1	850.68	849.45	837.49	845.87	0.86	ppb
Sulfur	34-1	66629.60	63536.94	66027.38	65397.97	2.51	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.16	0.16	0.19	0.17	9.73	ppb
Thallium	205-1	0.18	0.22	0.23	0.21	12.21	ppb
Tin	118-1	-0.12	-0.06	-0.16	-0.12		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-12	Instrumnet Name :	P8
Client Sample ID :	MH1E96	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:49:07	DataFile Name :	064AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.91	0.77	1.00	0.90	12.74	ppb
Uranium	238-1	2.43	2.35	2.57	2.45	4.65	ppb
Vanadium	51-2	0.18	0.15	0.16	0.17	8.09	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				103		%
Zinc	66-2	1777.67	1759.38	1790.85	1775.97	0.89	ppb
Zirconium	90-1	0.04	0.04	0.04	0.04	4.50	ppb
Zirconium	91-1	0.04	0.04	0.09	0.05	51.96	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-13	Instrumnet Name :	P8
Client Sample ID :	MH1E98	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:52:03	DataFile Name :	065AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30.08	31.48	30.46	30.67	2.37	ppb
Antimony	121-1	16.43	16.64	16.95	16.67	1.56	ppb
Arsenic	75-2	6.18	6.55	6.15	6.30	3.57	ppb
Barium	135-1	47.21	46.38	49.75	47.78	3.67	ppb
Barium	137-1	49.67	46.83	48.83	48.44	3.01	ppb
Beryllium	9-1	-0.02	-0.02	-0.03	-0.02		ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Boron	10-1	40.99	45.72	46.80	44.50	6.95	ppb
Boron	11-1	43.02	46.44	48.33	45.93	5.85	ppb
Bromine	81-1						cps
Cadmium	111-1	6.61	6.59	6.57	6.59	0.32	ppb
Cadmium	106-1	4.86	5.75	4.60	5.07	11.94	ppb
Cadmium	108-1	6.76	7.48	7.09	7.11	5.08	ppb
Calcium	43-1	172918.42	168964.03	177803.97	173228.81	2.56	ppb
Calcium	44-1	174295.37	172120.37	176610.56	174342.10	1.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.25	0.29	0.27	0.27	7.64	ppb
Cobalt	59-2	0.18	0.18	0.24	0.20	18.74	ppb
Copper	63-2	3.99	3.94	3.90	3.94	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				101		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	54-2	87.66	99.73	99.73	95.71	7.28	ppb
Iron	56-2	93.56	97.10	94.26	94.98	1.98	ppb
Iron	57-2	197.31	227.04	219.61	214.65	7.21	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-13	Instrumnet Name :	P8
Client Sample ID :	MH1E98	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:52:03	DataFile Name :	065AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	17.70	17.41	18.23	17.78	2.34	ppb
Lead	207-1	17.73	17.92	18.78	18.14	3.10	ppb
Lead	208-1	18.07	17.74	18.61	18.14	2.44	ppb
Lithium	6-1				113		%
Magnesium	24-2	41936.72	42620.41	43540.84	42699.32	1.89	ppb
Manganese	55-2	58.44	60.08	59.71	59.41	1.44	ppb
Molybdenum	94-1	1.22	1.15	1.24	1.20	3.80	ppb
Molybdenum	95-1	1.20	1.49	1.38	1.35	10.67	ppb
Molybdenum	96-1	1.16	1.20	1.23	1.20	2.84	ppb
Molybdenum	97-1	1.32	1.22	1.44	1.33	8.13	ppb
Molybdenum	98-1	1.25	1.33	1.29	1.29	3.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.57	1.62	1.36	1.52	9.05	ppb
Phosphorus	31-2	-5.46	-16.17	-8.66	-10.10		ppb
Potassium	39-2	2649.86	2728.78	2808.89	2729.18	2.91	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				105		%
Scandium	45-2				103		%
Selenium	82-1	-0.66	0.73	0.98	0.35	250.99	ppb
Selenium	77-2	-1.33	1.27	-1.33	-0.47		ppb
Selenium	78-2	-0.58	-1.14	0.64	-0.36		ppb
Silicon	28-1	7698.39	7639.89	7881.28	7739.85	1.63	ppb
Silver	107-1	0.08	0.10	0.10	0.09	14.46	ppb
Silver	109-1	0.11	0.12	0.10	0.11	7.95	ppb
Sodium	23-2	146477.71	152197.93	155954.00	151543.21	3.15	ppb
Strontium	86-1	826.63	840.93	868.08	845.21	2.49	ppb
Strontium	88-1	844.49	866.86	858.59	856.65	1.32	ppb
Sulfur	34-1	68483.01	64301.81	68581.51	67122.11	3.64	ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	0.20	0.19	0.17	0.19	10.00	ppb
Thallium	205-1	0.24	0.24	0.23	0.23	2.72	ppb
Tin	118-1	-0.17	-0.08	-0.12	-0.12		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-13	Instrumnet Name :	P8
Client Sample ID :	MH1E98	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:52:03	DataFile Name :	065AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.44	1.03	1.38	1.28	17.46	ppb
Uranium	238-1	2.49	2.52	2.51	2.51	0.47	ppb
Vanadium	51-2	0.17	0.17	0.16	0.17	3.27	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	1882.95	1943.27	1938.63	1921.62	1.75	ppb
Zirconium	90-1	0.07	0.05	0.07	0.06	14.99	ppb
Zirconium	91-1	0.01	0.11	0.03	0.05	109.46	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-14	Instrumnet Name :	P8
Client Sample ID :	MH1F00	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:55:01	DataFile Name :	066AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26.44	18.63	19.87	21.65	19.38	ppb
Antimony	121-1	16.38	16.78	16.73	16.63	1.30	ppb
Arsenic	75-2	5.79	5.64	6.34	5.92	6.19	ppb
Barium	135-1	46.45	45.88	46.45	46.26	0.71	ppb
Barium	137-1	46.90	45.69	48.20	46.93	2.68	ppb
Beryllium	9-1	-0.02	-0.01	-0.02	-0.02		ppb
Bismuth	209-1				98		%
Bismuth	209-2				93		%
Boron	10-1	42.55	43.37	43.32	43.08	1.07	ppb
Boron	11-1	44.95	44.51	46.47	45.31	2.27	ppb
Bromine	81-1						cps
Cadmium	111-1	6.98	6.77	7.13	6.96	2.58	ppb
Cadmium	106-1	6.35	6.19	6.03	6.19	2.53	ppb
Cadmium	108-1	6.76	6.24	7.35	6.78	8.17	ppb
Calcium	43-1	181914.92	168511.69	173972.22	174799.61	3.86	ppb
Calcium	44-1	180644.64	167968.02	170777.55	173130.07	3.85	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.55	0.56	0.54	0.55	2.52	ppb
Cobalt	59-2	0.20	0.19	0.22	0.20	8.25	ppb
Copper	63-2	3.89	3.92	3.85	3.88	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				101		%
Holmium	165-2				99		%
Indium	115-1				101		%
Indium	115-2				95		%
Iron	54-2	68.84	64.99	67.91	67.25	2.99	ppb
Iron	56-2	64.82	62.84	63.11	63.59	1.68	ppb
Iron	57-2	181.50	198.43	198.19	192.71	5.04	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-14	Instrumnet Name :	P8
Client Sample ID :	MH1F00	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:55:01	DataFile Name :	066AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	18.33	19.11	19.22	18.89	2.57	ppb
Lead	207-1	18.87	18.88	19.72	19.16	2.53	ppb
Lead	208-1	19.04	19.26	19.77	19.36	1.94	ppb
Lithium	6-1				113		%
Magnesium	24-2	43109.79	41597.64	43408.27	42705.23	2.27	ppb
Manganese	55-2	59.58	57.94	59.37	58.96	1.51	ppb
Molybdenum	94-1	1.29	1.05	1.06	1.13	12.27	ppb
Molybdenum	95-1	1.20	1.32	1.21	1.25	5.56	ppb
Molybdenum	96-1	1.15	1.16	1.36	1.23	9.49	ppb
Molybdenum	97-1	1.43	1.40	1.21	1.35	9.05	ppb
Molybdenum	98-1	1.28	1.37	1.44	1.36	6.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.81	1.61	1.77	1.73	6.28	ppb
Phosphorus	31-2	-11.33	-19.71	-23.48	-18.17		ppb
Potassium	39-2	2690.21	2651.91	2672.64	2671.59	0.72	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	82-1	0.43	-1.32	-1.74	-0.88		ppb
Selenium	77-2	-1.33	-0.02	-1.33	-0.90		ppb
Selenium	78-2	0.72	-0.20	-1.51	-0.33		ppb
Silicon	28-1	8130.43	7219.03	7874.48	7741.31	6.07	ppb
Silver	107-1	0.12	0.11	0.09	0.11	18.40	ppb
Silver	109-1	0.13	0.10	0.09	0.11	19.51	ppb
Sodium	23-2	149820.50	147853.37	153814.35	150496.07	2.02	ppb
Strontium	86-1	860.57	858.83	836.72	852.04	1.56	ppb
Strontium	88-1	864.86	845.19	842.63	850.89	1.43	ppb
Sulfur	34-1	71818.37	63469.24	68747.40	68011.67	6.21	ppb
Terbium	159-1				101		%
Terbium	159-2				97		%
Thallium	203-1	0.21	0.21	0.27	0.23	13.86	ppb
Thallium	205-1	0.21	0.23	0.23	0.22	5.14	ppb
Tin	118-1	0.16	0.17	0.13	0.16	14.33	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-14	Instrumnet Name :	P8
Client Sample ID :	MH1F00	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:55:01	DataFile Name :	066AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.78	0.92	0.96	0.89	10.97	ppb
Uranium	238-1	2.58	2.53	2.49	2.53	1.68	ppb
Vanadium	51-2	0.18	0.15	0.17	0.16	7.79	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	1951.03	1938.52	1952.07	1947.21	0.39	ppb
Zirconium	90-1	0.02	0.03	0.02	0.02	15.27	ppb
Zirconium	91-1	0.04	0.02	0.07	0.04	58.39	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-15	Instrumnet Name :	P8
Client Sample ID :	MH1F02	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:57:57	DataFile Name :	067AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.66	20.77	20.08	20.50	1.78	ppb
Antimony	121-1	16.98	18.16	17.54	17.56	3.36	ppb
Arsenic	75-2	6.19	5.88	6.19	6.09	2.98	ppb
Barium	135-1	46.04	50.24	47.14	47.81	4.56	ppb
Barium	137-1	46.18	52.19	49.53	49.30	6.11	ppb
Beryllium	9-1	-0.02	-0.02	-0.03	-0.02		ppb
Bismuth	209-1				96		%
Bismuth	209-2				92		%
Boron	10-1	43.15	45.02	45.36	44.51	2.67	ppb
Boron	11-1	42.85	46.70	46.75	45.43	4.92	ppb
Bromine	81-1						cps
Cadmium	111-1	7.28	8.25	7.11	7.55	8.12	ppb
Cadmium	106-1	7.14	6.10	4.85	6.03	19.00	ppb
Cadmium	108-1	6.09	7.42	7.46	6.99	11.10	ppb
Calcium	43-1	174225.53	180909.53	184437.15	179857.41	2.88	ppb
Calcium	44-1	178698.20	185867.51	179335.00	181300.24	2.19	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.59	1.59	1.64	1.61	1.71	ppb
Cobalt	59-2	0.19	0.23	0.28	0.23	19.94	ppb
Copper	63-2	4.24	4.35	4.34	4.31	1.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				96		%
Iron	54-2	74.83	72.73	71.02	72.86	2.62	ppb
Iron	56-2	77.77	71.88	76.11	75.25	4.03	ppb
Iron	57-2	197.92	197.39	207.80	201.04	2.92	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-15	Instrumnet Name :	P8
Client Sample ID :	MH1F02	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:57:57	DataFile Name :	067AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	17.22	19.09	17.57	17.96	5.52	ppb
Lead	207-1	17.32	18.68	17.42	17.81	4.27	ppb
Lead	208-1	17.64	19.07	17.63	18.11	4.56	ppb
Lithium	6-1				113		%
Magnesium	24-2	44632.23	44054.84	45291.41	44659.49	1.39	ppb
Manganese	55-2	66.88	64.27	66.25	65.80	2.07	ppb
Molybdenum	94-1	1.16	1.25	1.36	1.26	7.70	ppb
Molybdenum	95-1	1.36	1.38	1.42	1.39	2.36	ppb
Molybdenum	96-1	1.28	1.33	1.35	1.32	2.94	ppb
Molybdenum	97-1	1.35	1.29	1.50	1.38	8.03	ppb
Molybdenum	98-1	1.36	1.45	1.44	1.42	3.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.58	2.42	2.58	2.52	3.63	ppb
Phosphorus	31-2	18.83	1.79	-23.24	-0.87		ppb
Potassium	39-2	2776.25	2690.70	2826.49	2764.48	2.48	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	82-1	-0.44	1.54	0.89	0.66	152.61	ppb
Selenium	77-2	1.34	-0.06	-1.33	-0.02		ppb
Selenium	78-2	1.62	-0.82	0.25	0.35	349.80	ppb
Silicon	28-1	7676.64	8057.64	7899.71	7878.00	2.43	ppb
Silver	107-1	0.09	0.12	0.10	0.10	17.76	ppb
Silver	109-1	0.09	0.10	0.11	0.10	9.56	ppb
Sodium	23-2	156356.52	150928.10	162812.31	156698.98	3.80	ppb
Strontium	86-1	821.80	908.12	910.51	880.14	5.74	ppb
Strontium	88-1	810.49	911.83	872.46	864.93	5.91	ppb
Sulfur	34-1	66682.46	69975.92	69188.83	68615.74	2.51	ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	0.21	0.21	0.27	0.23	15.09	ppb
Thallium	205-1	0.20	0.30	0.25	0.25	19.29	ppb
Tin	118-1	-0.07	-0.02	-0.02	-0.04		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-15	Instrumnet Name :	P8
Client Sample ID :	MH1F02	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:57:57	DataFile Name :	067AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.81	0.89	0.98	0.89	9.37	ppb
Uranium	238-1	2.52	2.63	2.60	2.58	2.18	ppb
Vanadium	51-2	0.13	0.18	0.17	0.16	14.71	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	2146.49	2087.23	2134.36	2122.69	1.47	ppb
Zirconium	90-1	0.05	0.04	0.05	0.05	9.72	ppb
Zirconium	91-1	0.03	0.04	0.08	0.05	51.66	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-16	Instrumnet Name :	P8
Client Sample ID :	MH1F04	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 16:00:55	DataFile Name :	068AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24.94	26.10	27.04	26.03	4.03	ppb
Antimony	121-1	17.18	18.39	16.79	17.45	4.79	ppb
Arsenic	75-2	6.33	6.73	6.38	6.48	3.35	ppb
Barium	135-1	46.99	49.39	46.29	47.56	3.42	ppb
Barium	137-1	48.62	49.52	47.33	48.49	2.26	ppb
Beryllium	9-1	-0.02	-0.02	-0.01	-0.02		ppb
Bismuth	209-1				96		%
Bismuth	209-2				93		%
Boron	10-1	41.29	45.32	46.95	44.52	6.55	ppb
Boron	11-1	43.04	45.83	48.87	45.92	6.35	ppb
Bromine	81-1						cps
Cadmium	111-1	7.62	8.00	7.79	7.81	2.45	ppb
Cadmium	106-1	5.24	4.40	8.24	5.96	33.84	ppb
Cadmium	108-1	7.49	7.51	7.07	7.36	3.43	ppb
Calcium	43-1	178369.11	175192.98	176065.59	176542.56	0.93	ppb
Calcium	44-1	172946.59	176097.71	170518.40	173187.57	1.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.11	0.15	0.09	0.12	23.45	ppb
Cobalt	59-2	0.26	0.23	0.27	0.25	6.77	ppb
Copper	63-2	4.70	4.79	4.85	4.78	1.57	ppb
Dysprosium	156-1						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				98		%
Indium	115-1				99		%
Indium	115-2				95		%
Iron	54-2	82.40	79.20	83.22	81.61	2.60	ppb
Iron	56-2	81.18	81.28	80.39	80.95	0.60	ppb
Iron	57-2	192.02	223.95	207.38	207.78	7.68	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-16	Instrumnet Name :	P8
Client Sample ID :	MH1F04	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 16:00:55	DataFile Name :	068AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	23.52	23.36	22.56	23.14	2.21	ppb
Lead	207-1	23.77	23.95	23.01	23.58	2.13	ppb
Lead	208-1	23.86	23.46	22.98	23.43	1.89	ppb
Lithium	6-1				111		%
Magnesium	24-2	43149.95	44976.21	43404.97	43843.71	2.26	ppb
Manganese	55-2	71.56	71.15	71.84	71.51	0.49	ppb
Molybdenum	94-1	1.14	1.41	1.22	1.26	10.89	ppb
Molybdenum	95-1	1.30	1.33	1.37	1.33	2.70	ppb
Molybdenum	96-1	1.21	1.29	1.38	1.29	6.44	ppb
Molybdenum	97-1	1.31	1.38	1.56	1.42	9.22	ppb
Molybdenum	98-1	1.29	1.32	1.35	1.32	2.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.45	1.55	1.37	1.46	6.14	ppb
Phosphorus	31-2	-15.94	-3.20	9.88	-3.09		ppb
Potassium	39-2	2748.40	2800.98	2722.30	2757.23	1.45	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	82-1	2.00	0.12	-0.18	0.65	181.60	ppb
Selenium	77-2	-1.33	0.00	1.33	0.00		ppb
Selenium	78-2	-0.25	-0.84	0.59	-0.17		ppb
Silicon	28-1	7679.86	7770.04	7934.63	7794.84	1.66	ppb
Silver	107-1	0.14	0.13	0.11	0.13	11.76	ppb
Silver	109-1	0.13	0.13	0.11	0.13	9.71	ppb
Sodium	23-2	154746.44	154787.54	151963.87	153832.61	1.05	ppb
Strontium	86-1	877.55	881.85	889.89	883.10	0.71	ppb
Strontium	88-1	872.64	864.19	862.68	866.50	0.62	ppb
Sulfur	34-1	69347.40	67908.43	67987.38	68414.40	1.18	ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	0.23	0.24	0.15	0.21	24.58	ppb
Thallium	205-1	0.28	0.26	0.23	0.26	9.60	ppb
Tin	118-1	-0.05	-0.07	-0.09	-0.07		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-16	Instrumnet Name :	P8
Client Sample ID :	MH1F04	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 16:00:55	DataFile Name :	068AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.18	1.04	1.03	1.08	7.52	ppb
Uranium	238-1	2.58	2.60	2.46	2.55	3.06	ppb
Vanadium	51-2	0.20	0.19	0.17	0.19	8.21	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	2200.70	2211.54	2175.21	2195.81	0.85	ppb
Zirconium	90-1	0.03	0.04	0.05	0.04	23.03	ppb
Zirconium	91-1	0.00	0.03	0.01	0.01	124.23	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-17	Instrumnet Name :	P8
Client Sample ID :	MH1F06	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 16:03:51	DataFile Name :	069AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26.52	27.27	25.06	26.28	4.28	ppb
Antimony	121-1	17.23	18.85	18.67	18.25	4.87	ppb
Arsenic	75-2	6.42	6.14	6.10	6.22	2.86	ppb
Barium	135-1	44.78	50.27	48.89	47.98	5.95	ppb
Barium	137-1	48.07	49.79	49.09	48.98	1.76	ppb
Beryllium	9-1	-0.02	-0.02	-0.02	-0.02		ppb
Bismuth	209-1				100		%
Bismuth	209-2				94		%
Boron	10-1	42.35	45.89	44.84	44.36	4.09	ppb
Boron	11-1	42.88	45.52	46.67	45.02	4.31	ppb
Bromine	81-1						cps
Cadmium	111-1	8.23	8.61	7.91	8.25	4.25	ppb
Cadmium	106-1	7.57	12.66	8.71	9.65	27.66	ppb
Cadmium	108-1	6.66	8.21	8.19	7.69	11.60	ppb
Calcium	43-1	176905.22	185924.49	180892.25	181240.65	2.49	ppb
Calcium	44-1	177150.22	180002.59	182194.88	179782.56	1.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.17	0.12	0.16	0.15	18.58	ppb
Cobalt	59-2	0.28	0.29	0.24	0.27	10.07	ppb
Copper	63-2	5.09	5.12	4.91	5.04	2.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				107		%
Indium	115-2				99		%
Iron	54-2	84.36	75.12	80.05	79.84	5.79	ppb
Iron	56-2	80.98	79.37	78.64	79.66	1.51	ppb
Iron	57-2	215.24	213.20	210.82	213.09	1.04	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-17	Instrumnet Name :	P8
Client Sample ID :	MH1F06	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 16:03:51	DataFile Name :	069AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	25.37	26.60	25.67	25.88	2.49	ppb
Lead	207-1	25.68	27.57	26.37	26.54	3.61	ppb
Lead	208-1	26.17	27.51	26.40	26.69	2.68	ppb
Lithium	6-1				119		%
Magnesium	24-2	45646.72	44875.38	44248.98	44923.69	1.56	ppb
Manganese	55-2	85.11	81.30	80.71	82.37	2.90	ppb
Molybdenum	94-1	1.22	1.45	1.11	1.26	13.83	ppb
Molybdenum	95-1	1.41	1.29	1.35	1.35	4.56	ppb
Molybdenum	96-1	1.45	1.36	1.30	1.37	5.31	ppb
Molybdenum	97-1	1.33	1.25	1.25	1.28	3.66	ppb
Molybdenum	98-1	1.47	1.27	1.63	1.46	12.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.76	1.55	1.52	1.61	7.87	ppb
Phosphorus	31-2	-18.74	-9.24	-32.80	-20.26		ppb
Potassium	39-2	2902.57	2867.48	2751.40	2840.48	2.79	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				108		%
Scandium	45-2				104		%
Selenium	82-1	0.64	-2.28	0.05	-0.53		ppb
Selenium	77-2	0.00	1.21	1.19	0.80	86.29	ppb
Selenium	78-2	0.03	0.45	-0.64	-0.05		ppb
Silicon	28-1	8063.60	7825.81	7795.33	7894.91	1.86	ppb
Silver	107-1	0.11	0.11	0.09	0.10	7.92	ppb
Silver	109-1	0.12	0.15	0.11	0.13	16.08	ppb
Sodium	23-2	161774.06	161519.70	158838.15	160710.64	1.01	ppb
Strontium	86-1	941.67	895.52	855.66	897.61	4.80	ppb
Strontium	88-1	879.31	888.80	878.01	882.04	0.67	ppb
Sulfur	34-1	70628.90	71065.73	65944.92	69213.19	4.10	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.19	0.30	0.28	0.26	23.07	ppb
Thallium	205-1	0.21	0.26	0.23	0.23	9.53	ppb
Tin	118-1	-0.12	-0.10	-0.11	-0.11		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-17	Instrumnet Name :	P8
Client Sample ID :	MH1F06	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 16:03:51	DataFile Name :	069AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.94	0.67	1.12	0.91	24.81	ppb
Uranium	238-1	2.76	2.77	2.55	2.69	4.51	ppb
Vanadium	51-2	0.13	0.20	0.16	0.16	20.00	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	2438.14	2343.75	2288.71	2356.87	3.21	ppb
Zirconium	90-1	0.04	0.05	0.06	0.05	13.77	ppb
Zirconium	91-1	0.06	0.04	0.05	0.05	25.00	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-18	Instrumnet Name :	P8
Client Sample ID :	MH1F08	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 16:06:48	DataFile Name :	070AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28.21	30.75	27.97	28.98	5.31	ppb
Antimony	121-1	18.41	18.45	18.24	18.36	0.59	ppb
Arsenic	75-2	6.41	7.05	6.53	6.66	5.11	ppb
Barium	135-1	48.26	50.65	49.24	49.39	2.43	ppb
Barium	137-1	49.27	51.86	50.48	50.54	2.56	ppb
Beryllium	9-1	-0.02	-0.04	-0.02	-0.03		ppb
Bismuth	209-1				97		%
Bismuth	209-2				94		%
Boron	10-1	42.57	47.31	43.89	44.59	5.50	ppb
Boron	11-1	44.72	46.99	46.38	46.03	2.56	ppb
Bromine	81-1						cps
Cadmium	111-1	8.37	8.73	8.49	8.53	2.14	ppb
Cadmium	106-1	6.81	6.43	8.24	7.16	13.33	ppb
Cadmium	108-1	8.55	8.10	7.34	8.00	7.69	ppb
Calcium	43-1	184133.21	191680.33	184436.78	186750.11	2.29	ppb
Calcium	44-1	181943.33	186190.70	183191.74	183775.26	1.19	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.16	0.07	0.17	0.13	42.45	ppb
Cobalt	59-2	0.26	0.27	0.29	0.27	6.19	ppb
Copper	63-2	5.04	5.14	5.01	5.06	1.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				103		%
Indium	115-2				96		%
Iron	54-2	85.24	91.97	83.92	87.04	4.96	ppb
Iron	56-2	86.21	85.99	86.99	86.40	0.61	ppb
Iron	57-2	207.49	219.53	227.50	218.17	4.62	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-18	Instrumnet Name :	P8
Client Sample ID :	MH1F08	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 16:06:48	DataFile Name :	070AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	30.27	29.92	29.39	29.86	1.49	ppb
Lead	207-1	30.35	30.33	30.62	30.43	0.52	ppb
Lead	208-1	30.31	29.91	30.69	30.30	1.27	ppb
Lithium	6-1				116		%
Magnesium	24-2	44304.01	44897.69	45896.55	45032.75	1.79	ppb
Manganese	55-2	77.73	77.00	76.17	76.97	1.02	ppb
Molybdenum	94-1	1.28	1.27	1.05	1.20	10.88	ppb
Molybdenum	95-1	1.48	1.34	1.30	1.37	6.71	ppb
Molybdenum	96-1	1.35	1.56	1.44	1.45	7.31	ppb
Molybdenum	97-1	1.42	1.53	1.42	1.46	4.63	ppb
Molybdenum	98-1	1.39	1.41	1.38	1.39	1.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.51	1.55	1.54	1.53	1.43	ppb
Phosphorus	31-2	2.07	5.93	-28.57	-6.85		ppb
Potassium	39-2	2769.51	2827.97	2757.95	2785.15	1.35	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				101		%
Scandium	45-2				104		%
Selenium	82-1	0.62	0.28	0.21	0.37	59.09	ppb
Selenium	77-2	-1.33	-1.33	-1.33	-1.33		ppb
Selenium	78-2	-0.31	-0.41	-1.35	-0.69		ppb
Silicon	28-1	8493.80	7869.19	8383.56	8248.85	4.04	ppb
Silver	107-1	0.12	0.15	0.12	0.13	12.16	ppb
Silver	109-1	0.14	0.12	0.13	0.13	7.92	ppb
Sodium	23-2	153305.44	161830.74	152005.23	155713.81	3.43	ppb
Strontium	86-1	924.96	892.56	874.38	897.30	2.86	ppb
Strontium	88-1	873.07	890.41	888.42	883.97	1.07	ppb
Sulfur	34-1	73219.79	70402.13	73632.74	72418.22	2.43	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.26	0.26	0.24	0.25	5.20	ppb
Thallium	205-1	0.25	0.25	0.24	0.25	3.63	ppb
Tin	118-1	-0.10	-0.11	-0.16	-0.13		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-18	Instrumnet Name :	P8
Client Sample ID :	MH1F08	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 16:06:48	DataFile Name :	070AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.32	1.57	1.29	1.40	11.10	ppb
Uranium	238-1	2.62	2.64	2.64	2.63	0.49	ppb
Vanadium	51-2	0.16	0.20	0.18	0.18	9.85	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				98		%
Zinc	66-2	2314.93	2321.22	2338.76	2324.97	0.53	ppb
Zirconium	90-1	0.05	0.09	0.03	0.06	54.46	ppb
Zirconium	91-1	0.05	0.04	0.04	0.05	10.25	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-19	Instrumnet Name :	P8
Client Sample ID :	MH1F10	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 16:09:44	DataFile Name :	071AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48.76	51.92	49.69	50.12	3.24	ppb
Antimony	121-1	18.80	18.92	19.55	19.09	2.12	ppb
Arsenic	75-2	7.85	7.46	7.49	7.60	2.85	ppb
Barium	135-1	50.55	49.88	50.77	50.40	0.92	ppb
Barium	137-1	52.53	49.36	49.87	50.58	3.36	ppb
Beryllium	9-1	-0.04	-0.04	-0.02	-0.03		ppb
Bismuth	209-1				101		%
Bismuth	209-2				97		%
Boron	10-1	44.40	46.28	47.71	46.13	3.60	ppb
Boron	11-1	46.49	47.35	48.68	47.51	2.32	ppb
Bromine	81-1						cps
Cadmium	111-1	8.91	8.59	8.66	8.72	1.92	ppb
Cadmium	106-1	7.38	5.50	8.72	7.20	22.48	ppb
Cadmium	108-1	8.61	8.74	9.01	8.79	2.31	ppb
Calcium	43-1	192980.41	175720.15	188219.87	185640.14	4.80	ppb
Calcium	44-1	188289.15	175953.68	183028.54	182423.79	3.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.41	0.41	0.41	0.41	0.88	ppb
Cobalt	59-2	0.29	0.31	0.35	0.32	8.47	ppb
Copper	63-2	6.99	7.06	6.71	6.92	2.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	54-2	138.43	150.53	139.83	142.93	4.63	ppb
Iron	56-2	140.59	141.48	142.98	141.68	0.85	ppb
Iron	57-2	270.16	272.29	281.32	274.59	2.16	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-19	Instrumnet Name :	P8
Client Sample ID :	MH1F10	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 16:09:44	DataFile Name :	071AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	53.01	48.81	50.18	50.67	4.23	ppb
Lead	207-1	53.74	50.68	49.41	51.28	4.33	ppb
Lead	208-1	53.48	50.07	50.16	51.23	3.79	ppb
Lithium	6-1				117		%
Magnesium	24-2	46158.67	43987.38	46319.78	45488.61	2.86	ppb
Manganese	55-2	96.20	96.23	96.69	96.37	0.28	ppb
Molybdenum	94-1	1.50	1.31	1.25	1.35	9.58	ppb
Molybdenum	95-1	1.30	1.39	1.38	1.36	3.79	ppb
Molybdenum	96-1	1.28	1.43	1.24	1.32	7.67	ppb
Molybdenum	97-1	1.31	1.35	1.50	1.38	7.16	ppb
Molybdenum	98-1	1.40	1.39	1.40	1.40	0.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.63	1.56	1.52	1.57	3.52	ppb
Phosphorus	31-2	8.59	30.30	3.90	14.27	98.73	ppb
Potassium	39-2	2866.66	2827.29	2848.46	2847.47	0.69	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				108		%
Scandium	45-2				106		%
Selenium	82-1	1.00	1.52	0.92	1.15	28.25	ppb
Selenium	77-2	-0.03	-1.33	-0.06	-0.47		ppb
Selenium	78-2	-0.87	-0.75	-0.21	-0.61		ppb
Silicon	28-1	8016.76	7595.22	8442.53	8018.17	5.28	ppb
Silver	107-1	0.25	0.24	0.30	0.26	11.32	ppb
Silver	109-1	0.29	0.30	0.27	0.29	4.77	ppb
Sodium	23-2	162986.73	156506.87	160948.51	160147.37	2.07	ppb
Strontium	86-1	898.72	880.74	889.38	889.61	1.01	ppb
Strontium	88-1	902.51	845.11	904.93	884.19	3.83	ppb
Sulfur	34-1	73776.55	67288.04	72446.91	71170.50	4.82	ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	0.22	0.23	0.25	0.23	5.97	ppb
Thallium	205-1	0.26	0.28	0.25	0.26	5.44	ppb
Tin	118-1	-0.01	-0.13	-0.08	-0.07		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-19	Instrumnet Name :	P8
Client Sample ID :	MH1F10	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 16:09:44	DataFile Name :	071AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.70	1.22	1.98	1.63	23.47	ppb
Uranium	238-1	2.69	2.58	2.57	2.62	2.52	ppb
Vanadium	51-2	0.27	0.22	0.24	0.24	11.59	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				103		%
Zinc	66-2	2393.05	2390.99	2429.09	2404.38	0.89	ppb
Zirconium	90-1	0.08	0.05	0.06	0.06	20.92	ppb
Zirconium	91-1	0.08	0.06	0.06	0.07	21.78	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-20	Instrumnet Name :	P8
Client Sample ID :	MH1F12	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 16:12:41	DataFile Name :	072AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	76.14	78.17	73.85	76.05	2.84	ppb
Antimony	121-1	19.53	20.09	20.71	20.11	2.94	ppb
Arsenic	75-2	8.87	8.80	8.90	8.86	0.58	ppb
Barium	135-1	49.52	47.68	50.33	49.18	2.77	ppb
Barium	137-1	50.91	52.52	53.26	52.23	2.30	ppb
Beryllium	9-1	-0.03	-0.02	-0.03	-0.03		ppb
Bismuth	209-1				99		%
Bismuth	209-2				96		%
Boron	10-1	41.39	45.47	42.86	43.24	4.77	ppb
Boron	11-1	42.10	46.48	47.08	45.22	6.00	ppb
Bromine	81-1						cps
Cadmium	111-1	9.17	8.92	8.86	8.99	1.84	ppb
Cadmium	106-1	9.02	7.89	5.64	7.52	22.90	ppb
Cadmium	108-1	8.82	8.58	9.16	8.85	3.27	ppb
Calcium	43-1	179469.15	176277.17	176898.19	177548.17	0.95	ppb
Calcium	44-1	175956.20	180215.03	173460.44	176543.89	1.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.40	0.38	0.30	0.36	13.94	ppb
Cobalt	59-2	0.34	0.32	0.36	0.34	5.75	ppb
Copper	63-2	9.25	9.27	9.50	9.34	1.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	54-2	248.76	245.76	245.60	246.71	0.72	ppb
Iron	56-2	255.36	236.84	245.69	245.96	3.77	ppb
Iron	57-2	377.11	379.26	376.56	377.64	0.38	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-20	Instrumnet Name :	P8
Client Sample ID :	MH1F12	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 16:12:41	DataFile Name :	072AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	80.99	84.52	86.73	84.08	3.44	ppb
Lead	207-1	83.60	84.51	88.93	85.68	3.33	ppb
Lead	208-1	84.24	84.99	87.14	85.45	1.76	ppb
Lithium	6-1				118		%
Magnesium	24-2	45522.92	43909.25	44974.25	44802.14	1.83	ppb
Manganese	55-2	119.80	120.39	124.13	121.44	1.93	ppb
Molybdenum	94-1	1.12	1.15	1.23	1.17	4.70	ppb
Molybdenum	95-1	1.35	1.39	1.54	1.43	7.18	ppb
Molybdenum	96-1	1.32	1.32	1.50	1.38	7.57	ppb
Molybdenum	97-1	1.46	1.24	1.40	1.37	8.26	ppb
Molybdenum	98-1	1.26	1.23	1.47	1.32	9.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.71	1.80	1.75	1.75	2.47	ppb
Phosphorus	31-2	62.26	-17.63	1.99	15.54	267.91	ppb
Potassium	39-2	2777.22	2772.18	2811.62	2787.01	0.77	ppb
Rhodium	103-1				98		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				105		%
Selenium	82-1	0.71	0.27	0.28	0.42	59.83	ppb
Selenium	77-2	2.50	-0.02	-1.33	0.38	511.44	ppb
Selenium	78-2	-0.09	-0.10	-0.37	-0.19		ppb
Silicon	28-1	8061.79	7849.62	8368.51	8093.31	3.22	ppb
Silver	107-1	0.43	0.42	0.48	0.45	7.31	ppb
Silver	109-1	0.40	0.46	0.44	0.43	7.38	ppb
Sodium	23-2	159688.04	158497.93	164306.36	160830.78	1.91	ppb
Strontium	86-1	865.84	881.60	915.92	887.79	2.88	ppb
Strontium	88-1	851.72	867.44	868.20	862.45	1.08	ppb
Sulfur	34-1	68669.87	67419.76	70364.16	68817.93	2.15	ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	0.27	0.24	0.30	0.27	11.36	ppb
Thallium	205-1	0.27	0.25	0.28	0.27	3.88	ppb
Tin	118-1	0.04	-0.15	-0.10	-0.07		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-20	Instrumnet Name :	P8
Client Sample ID :	MH1F12	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 16:12:41	DataFile Name :	072AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.25	2.24	2.45	2.31	5.08	ppb
Uranium	238-1	2.49	2.63	2.67	2.59	3.52	ppb
Vanadium	51-2	0.27	0.24	0.26	0.25	5.66	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	2439.82	2390.30	2455.29	2428.47	1.40	ppb
Zirconium	90-1	0.07	0.08	0.09	0.08	11.56	ppb
Zirconium	91-1	0.06	0.06	0.07	0.06	15.30	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-21	Instrumnet Name :	P8
Client Sample ID :	MH1F12D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 16:15:37	DataFile Name :	073AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	79.32	76.08	74.89	76.76	2.99	ppb
Antimony	121-1	20.04	23.53	22.28	21.95	8.04	ppb
Arsenic	75-2	9.26	8.75	8.81	8.94	3.07	ppb
Barium	135-1	49.20	56.56	52.65	52.80	6.97	ppb
Barium	137-1	50.47	57.70	53.41	53.86	6.74	ppb
Beryllium	9-1	-0.01	-0.03	-0.02	-0.02		ppb
Bismuth	209-1				94		%
Bismuth	209-2				93		%
Boron	10-1	43.20	50.04	48.42	47.22	7.56	ppb
Boron	11-1	45.32	50.29	50.46	48.69	5.99	ppb
Bromine	81-1						cps
Cadmium	111-1	8.89	10.07	9.65	9.54	6.25	ppb
Cadmium	106-1	5.41	12.68	7.62	8.57	43.47	ppb
Cadmium	108-1	8.17	7.82	9.96	8.65	13.28	ppb
Calcium	43-1	174596.37	208791.78	189950.63	191112.93	8.96	ppb
Calcium	44-1	180449.17	204861.13	193102.92	192804.41	6.33	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.35	0.30	0.23	0.29	20.75	ppb
Cobalt	59-2	0.37	0.37	0.38	0.37	2.47	ppb
Copper	63-2	9.47	9.43	9.36	9.42	0.58	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				96		%
Holmium	165-2				102		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	54-2	244.59	262.24	248.80	251.88	3.66	ppb
Iron	56-2	241.89	249.20	248.41	246.50	1.63	ppb
Iron	57-2	362.01	394.37	370.52	375.63	4.47	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-21	Instrumnet Name :	P8
Client Sample ID :	MH1F12D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 16:15:37	DataFile Name :	073AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	87.48	97.98	92.32	92.59	5.68	ppb
Lead	207-1	88.99	98.15	91.28	92.81	5.14	ppb
Lead	208-1	89.88	98.22	92.92	93.67	4.51	ppb
Lithium	6-1				113		%
Magnesium	24-2	45538.87	44153.89	44483.65	44725.47	1.62	ppb
Manganese	55-2	120.28	122.08	118.75	120.37	1.38	ppb
Molybdenum	94-1	1.43	1.54	3.98	2.31	62.38	ppb
Molybdenum	95-1	1.22	1.64	1.37	1.41	14.93	ppb
Molybdenum	96-1	1.47	1.42	1.44	1.44	1.90	ppb
Molybdenum	97-1	1.49	1.59	1.47	1.52	4.06	ppb
Molybdenum	98-1	1.40	1.58	1.35	1.44	8.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.49	1.71	1.61	1.60	6.94	ppb
Phosphorus	31-2	9.20	-5.81	31.82	11.73	161.42	ppb
Potassium	39-2	2818.94	2775.75	2689.66	2761.45	2.38	ppb
Rhodium	103-1				96		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				105		%
Selenium	82-1	1.70	0.67	-0.13	0.75	122.50	ppb
Selenium	77-2	-1.33	-1.33	-1.33	-1.33		ppb
Selenium	78-2	-1.94	-0.38	-1.40	-1.24		ppb
Silicon	28-1	7915.02	9385.47	8533.04	8611.17	8.57	ppb
Silver	107-1	0.39	0.52	0.47	0.46	14.24	ppb
Silver	109-1	0.38	0.49	0.44	0.44	12.60	ppb
Sodium	23-2	156845.56	156159.49	160250.63	157751.89	1.39	ppb
Strontium	86-1	879.79	988.55	914.37	927.57	5.99	ppb
Strontium	88-1	868.69	969.35	894.60	910.88	5.74	ppb
Sulfur	34-1	69355.48	84485.63	73233.20	75691.44	10.38	ppb
Terbium	159-1				97		%
Terbium	159-2				99		%
Thallium	203-1	0.25	0.28	0.22	0.25	12.57	ppb
Thallium	205-1	0.28	0.32	0.28	0.29	7.91	ppb
Tin	118-1	-0.15	-0.05	-0.09	-0.10		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-21	Instrumnet Name :	P8
Client Sample ID :	MH1F12D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 16:15:37	DataFile Name :	073AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.01	2.88	2.59	2.49	17.72	ppb
Uranium	238-1	2.52	2.98	2.66	2.72	8.61	ppb
Vanadium	51-2	0.27	0.31	0.27	0.29	8.35	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				101		%
Zinc	66-2	2411.00	2434.91	2431.93	2425.95	0.54	ppb
Zirconium	90-1	0.11	0.12	0.08	0.10	22.95	ppb
Zirconium	91-1	0.08	0.06	0.04	0.06	31.70	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-20LX5	Instrumnet Name :	P8
Client Sample ID :	MH1F12L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-19 16:18:35	DataFile Name :	074AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.18	14.95	14.88	15.00	1.03	ppb
Antimony	121-1	3.72	3.88	4.03	3.88	4.06	ppb
Arsenic	75-2	1.72	1.93	1.59	1.74	9.78	ppb
Barium	135-1	9.37	10.15	9.69	9.73	4.03	ppb
Barium	137-1	9.47	9.63	9.68	9.59	1.12	ppb
Beryllium	9-1	-0.02	0.00	-0.02	-0.01		ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Boron	10-1	12.64	14.13	13.95	13.57	5.98	ppb
Boron	11-1	13.58	13.98	13.42	13.66	2.15	ppb
Bromine	81-1						cps
Cadmium	111-1	1.54	1.93	2.08	1.85	15.16	ppb
Cadmium	106-1	0.24	2.40	5.84	2.83	99.90	ppb
Cadmium	108-1	1.42	0.42	1.49	1.11	53.83	ppb
Calcium	43-1	33785.05	33845.97	32761.08	33464.03	1.82	ppb
Calcium	44-1	34533.34	33425.83	33515.40	33824.86	1.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.06	0.11	0.07	0.08	36.26	ppb
Cobalt	59-2	0.07	0.08	0.08	0.07	7.52	ppb
Copper	63-2	1.71	1.80	1.79	1.77	2.87	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				104		%
Holmium	165-2				105		%
Indium	115-1				108		%
Indium	115-2				103		%
Iron	54-2	44.49	45.25	47.92	45.89	3.93	ppb
Iron	56-2	46.34	46.11	46.52	46.32	0.45	ppb
Iron	57-2	67.93	71.98	64.29	68.07	5.65	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-20LX5	Instrumnet Name :	P8
Client Sample ID :	MH1F12L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-19 16:18:35	DataFile Name :	074AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	15.64	16.42	16.72	16.26	3.45	ppb
Lead	207-1	16.34	16.65	16.58	16.52	1.00	ppb
Lead	208-1	16.13	16.60	16.86	16.53	2.24	ppb
Lithium	6-1				125		%
Magnesium	24-2	8662.14	8616.74	8927.34	8735.41	1.92	ppb
Manganese	55-2	23.60	23.98	23.70	23.76	0.82	ppb
Molybdenum	94-1	0.23	0.21	0.20	0.21	8.39	ppb
Molybdenum	95-1	0.25	0.18	0.28	0.24	21.60	ppb
Molybdenum	96-1	0.23	0.28	0.18	0.23	21.75	ppb
Molybdenum	97-1	0.23	0.31	0.28	0.27	14.29	ppb
Molybdenum	98-1	0.28	0.26	0.28	0.27	5.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.28	0.19	0.25	0.24	17.42	ppb
Phosphorus	31-2	-26.96	-23.16	-19.43	-23.18		ppb
Potassium	39-2	533.54	527.84	530.01	530.46	0.54	ppb
Rhodium	103-1				104		%
Rhodium	103-2				106		%
Scandium	45-1				111		%
Scandium	45-2				110		%
Selenium	82-1	-0.59	-1.20	-0.53	-0.78		ppb
Selenium	77-2	-1.33	-0.10	-1.33	-0.92		ppb
Selenium	78-2	0.95	-0.32	-0.38	0.08	898.46	ppb
Silicon	28-1	1483.43	1473.40	1449.69	1468.84	1.18	ppb
Silver	107-1	0.09	0.09	0.08	0.09	4.16	ppb
Silver	109-1	0.08	0.06	0.10	0.08	23.30	ppb
Sodium	23-2	30388.93	29929.56	29373.02	29897.17	1.70	ppb
Strontium	86-1	163.60	169.62	164.99	166.07	1.90	ppb
Strontium	88-1	169.03	166.25	168.48	167.92	0.88	ppb
Sulfur	34-1	18755.25	18448.81	18018.43	18407.49	2.01	ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	-0.02	0.02	0.00	0.00	1867.48	ppb
Thallium	205-1	-0.02	0.02	0.01	0.00	812.88	ppb
Tin	118-1	-0.20	-0.19	-0.17	-0.19		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-20LX5	Instrumnet Name :	P8
Client Sample ID :	MH1F12L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-19 16:18:35	DataFile Name :	074AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.50	0.20	0.47	0.39	42.75	ppb
Uranium	238-1	0.49	0.48	0.45	0.47	4.73	ppb
Vanadium	51-2	0.05	0.05	0.04	0.05	12.09	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				106		%
Zinc	66-2	476.94	488.72	476.26	480.64	1.46	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	18.39	ppb
Zirconium	91-1	0.01	-0.01	0.00	0.00	8568.94	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-20RE	Instrumnet Name :	P8
Client Sample ID :	MH1F12	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 16:21:33	DataFile Name :	075AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	69.25	71.01	72.75	71.00	2.46	ppb
Antimony	121-1	18.83	19.22	19.23	19.09	1.20	ppb
Arsenic	75-2	8.28	8.73	8.34	8.45	2.86	ppb
Barium	135-1	48.36	49.45	46.80	48.20	2.77	ppb
Barium	137-1	47.14	48.06	46.52	47.24	1.64	ppb
Beryllium	9-1	-0.04	-0.02	-0.02	-0.03		ppb
Bismuth	209-1				96		%
Bismuth	209-2				94		%
Boron	10-1	41.78	41.70	41.61	41.70	0.20	ppb
Boron	11-1	40.56	42.63	44.06	42.42	4.15	ppb
Bromine	81-1						cps
Cadmium	111-1	8.63	8.28	8.56	8.49	2.20	ppb
Cadmium	106-1	4.63	5.10	9.41	6.38	41.23	ppb
Cadmium	108-1	7.91	7.79	7.65	7.78	1.69	ppb
Calcium	43-1	165411.15	171861.75	166845.42	168039.44	2.02	ppb
Calcium	44-1	170282.35	174299.58	175493.86	173358.60	1.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.61	0.60	0.69	0.63	7.94	ppb
Cobalt	59-2	0.34	0.34	0.39	0.36	6.96	ppb
Copper	63-2	8.68	8.39	8.76	8.61	2.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	54-2	217.65	206.79	219.58	214.67	3.21	ppb
Iron	56-2	217.24	218.29	222.46	219.33	1.26	ppb
Iron	57-2	334.89	317.49	341.96	331.45	3.80	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-20RE	Instrumnet Name :	P8
Client Sample ID :	MH1F12	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 16:21:33	DataFile Name :	075AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	81.33	82.98	81.28	81.86	1.19	ppb
Lead	207-1	82.52	85.33	82.54	83.47	1.94	ppb
Lead	208-1	82.15	84.49	82.87	83.17	1.44	ppb
Lithium	6-1				116		%
Magnesium	24-2	42740.68	41348.81	43088.95	42392.81	2.17	ppb
Manganese	55-2	117.41	114.66	118.13	116.73	1.57	ppb
Molybdenum	94-1	1.50	1.39	1.38	1.42	4.84	ppb
Molybdenum	95-1	1.26	1.32	1.28	1.29	2.38	ppb
Molybdenum	96-1	1.30	1.32	1.25	1.29	3.07	ppb
Molybdenum	97-1	1.20	1.29	1.39	1.29	7.25	ppb
Molybdenum	98-1	1.32	1.31	1.26	1.30	2.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.13	2.04	2.52	2.23	11.51	ppb
Phosphorus	31-2	5.19	-7.15	-20.20	-7.39		ppb
Potassium	39-2	2595.89	2633.57	2717.30	2648.92	2.35	ppb
Rhodium	103-1				97		%
Rhodium	103-2				99		%
Scandium	45-1				104		%
Scandium	45-2				105		%
Selenium	82-1	-0.11	0.20	1.03	0.37	158.45	ppb
Selenium	77-2	-0.03	-0.02	1.26	0.41	182.72	ppb
Selenium	78-2	-0.39	-1.16	1.57	0.01	17442.49	ppb
Silicon	28-1	7984.47	7439.49	7506.83	7643.60	3.89	ppb
Silver	107-1	0.31	0.33	0.29	0.31	5.96	ppb
Silver	109-1	0.31	0.32	0.33	0.32	2.63	ppb
Sodium	23-2	153306.47	151640.83	152572.61	152506.63	0.55	ppb
Strontium	86-1	820.13	863.12	860.03	847.76	2.83	ppb
Strontium	88-1	817.94	859.54	853.71	843.73	2.67	ppb
Sulfur	34-1	67237.39	65173.60	66949.16	66453.38	1.68	ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	0.28	0.25	0.24	0.26	7.84	ppb
Thallium	205-1	0.28	0.28	0.27	0.28	2.84	ppb
Tin	118-1	0.01	0.09	0.11	0.07	71.93	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-20RE	Instrumnet Name :	P8
Client Sample ID :	MH1F12	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 16:21:33	DataFile Name :	075AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.26	2.16	2.35	2.26	4.21	ppb
Uranium	238-1	2.49	2.66	2.45	2.54	4.26	ppb
Vanadium	51-2	0.26	0.23	0.23	0.24	8.19	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				101		%
Zinc	66-2	2213.92	2212.11	2299.72	2241.91	2.23	ppb
Zirconium	90-1	0.12	0.10	0.11	0.11	11.76	ppb
Zirconium	91-1	0.06	0.13	0.14	0.11	42.04	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-01	Instrumnet Name :	P8
Client Sample ID :	MH1F54	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 16:24:31	DataFile Name :	076AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.66	21.04	21.07	21.26	1.66	ppb
Antimony	121-1	0.39	0.40	0.45	0.41	8.66	ppb
Arsenic	75-2	1.66	1.66	1.63	1.65	1.03	ppb
Barium	135-1	20.65	21.22	21.40	21.09	1.86	ppb
Barium	137-1	20.67	21.52	21.73	21.31	2.63	ppb
Beryllium	9-1	-0.04	-0.04	-0.03	-0.04		ppb
Bismuth	209-1				102		%
Bismuth	209-2				97		%
Boron	10-1	128.90	127.07	137.78	131.25	4.37	ppb
Boron	11-1	130.58	134.32	146.51	137.14	6.08	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.07	-0.10	-0.12	-0.10		ppb
Cadmium	106-1	-1.25	-1.52	-2.24	-1.67		ppb
Cadmium	108-1	-0.15	-0.16	0.14	-0.06		ppb
Calcium	43-1	410853.89	431832.17	433484.40	425390.15	2.97	ppb
Calcium	44-1	420538.77	436363.83	443660.44	433521.01	2.73	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.07	0.13	0.14	0.11	34.61	ppb
Cobalt	59-2	0.37	0.34	0.31	0.34	8.41	ppb
Copper	63-2	0.31	0.33	0.30	0.31	4.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				104		%
Indium	115-1				110		%
Indium	115-2				102		%
Iron	54-2	127.58	121.57	114.15	121.10	5.56	ppb
Iron	56-2	126.21	125.31	119.67	123.73	2.87	ppb
Iron	57-2	436.27	427.99	435.58	433.28	1.06	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-01	Instrumnet Name :	P8
Client Sample ID :	MH1F54	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 16:24:31	DataFile Name :	076AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.46	0.39	0.40	0.42	9.80	ppb
Lead	207-1	0.55	0.43	0.47	0.48	12.74	ppb
Lead	208-1	0.50	0.42	0.42	0.45	10.19	ppb
Lithium	6-1				123		%
Magnesium	24-2	116060.28	113543.51	110201.12	113268.30	2.59	ppb
Manganese	55-2	321.72	310.31	305.06	312.36	2.73	ppb
Molybdenum	94-1	0.75	0.75	0.64	0.71	8.74	ppb
Molybdenum	95-1	0.68	0.64	0.68	0.66	3.38	ppb
Molybdenum	96-1	0.57	0.74	0.71	0.67	13.28	ppb
Molybdenum	97-1	0.76	0.78	0.63	0.73	11.32	ppb
Molybdenum	98-1	0.63	0.71	0.67	0.67	5.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.18	1.24	1.22	1.21	2.50	ppb
Phosphorus	31-2	-0.32	-16.44	-17.73	-11.49		ppb
Potassium	39-2	4516.23	4280.54	4105.23	4300.67	4.80	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				113		%
Scandium	45-2				111		%
Selenium	82-1	2.44	1.25	1.03	1.57	48.13	ppb
Selenium	77-2	-1.33	-1.33	-1.33	-1.33		ppb
Selenium	78-2	-2.39	-1.54	-0.57	-1.50		ppb
Silicon	28-1	7286.79	7298.67	7886.77	7490.75	4.58	ppb
Silver	107-1	0.04	0.02	0.01	0.02	73.70	ppb
Silver	109-1	0.04	0.01	0.01	0.02	92.98	ppb
Sodium	23-2	185191.67	176971.00	171872.95	178011.87	3.78	ppb
Strontium	86-1	1923.12	1867.36	1979.66	1923.38	2.92	ppb
Strontium	88-1	1919.63	1886.57	1971.27	1925.82	2.22	ppb
Sulfur	34-1	232902.41	235264.17	244972.66	237713.08	2.69	ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	-0.07	-0.06	-0.09	-0.08		ppb
Thallium	205-1	-0.03	-0.05	-0.06	-0.05		ppb
Tin	118-1	-0.33	-0.33	-0.33	-0.33		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-01	Instrumnet Name :	P8
Client Sample ID :	MH1F54	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 16:24:31	DataFile Name :	076AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.75	1.29	0.91	0.98	28.37	ppb
Uranium	238-1	4.28	4.13	4.35	4.25	2.55	ppb
Vanadium	51-2	0.28	0.27	0.24	0.27	7.40	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				108		%
Zinc	66-2	20.98	20.55	21.70	21.08	2.75	ppb
Zirconium	90-1	0.04	0.06	0.04	0.04	27.49	ppb
Zirconium	91-1	0.07	0.09	0.02	0.06	56.00	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-02	Instrumnet Name :	P8
Client Sample ID :	MH1F56	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 16:27:27	DataFile Name :	077AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.30	1.48	1.42	1.40	6.63	ppb
Antimony	121-1	0.00	0.01	0.00	0.01	129.88	ppb
Arsenic	75-2	-0.07	-0.08	-0.04	-0.06		ppb
Barium	135-1	0.10	0.03	0.03	0.05	74.70	ppb
Barium	137-1	0.07	0.05	0.04	0.06	29.03	ppb
Beryllium	9-1	-0.04	-0.03	-0.03	-0.03		ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Boron	10-1	12.43	11.85	11.11	11.80	5.59	ppb
Boron	11-1	12.88	12.16	11.50	12.18	5.67	ppb
Bromine	81-1						cps
Cadmium	111-1	0.04	0.23	0.00	0.09	138.60	ppb
Cadmium	106-1	0.71	3.28	-0.08	1.30	135.31	ppb
Cadmium	108-1	-0.35	-0.02	-0.29	-0.22		ppb
Calcium	43-1	202.80	135.34	95.70	144.61	37.44	ppb
Calcium	44-1	222.58	145.87	113.04	160.50	35.02	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	0.08	0.13	0.08	51.81	ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	0.12	0.08	0.09	0.10	19.43	ppb
Dysprosium	156-1						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				107		%
Indium	115-2				103		%
Iron	54-2	38.26	33.18	37.46	36.30	7.52	ppb
Iron	56-2	36.18	35.67	37.35	36.40	2.37	ppb
Iron	57-2	35.49	34.01	35.52	35.01	2.47	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-02	Instrumnet Name :	P8
Client Sample ID :	MH1F56	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 16:27:27	DataFile Name :	077AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.03	0.06	0.05	0.05	26.53	ppb
Lead	207-1	0.07	0.04	0.07	0.06	30.58	ppb
Lead	208-1	0.06	0.06	0.06	0.06	6.95	ppb
Lithium	6-1				122		%
Magnesium	24-2	27.38	29.91	26.33	27.87	6.60	ppb
Manganese	55-2	0.53	0.37	0.41	0.44	18.96	ppb
Molybdenum	94-1	-0.03	0.00	0.02	0.00		ppb
Molybdenum	95-1	-0.03	-0.02	-0.02	-0.02		ppb
Molybdenum	96-1	-0.05	-0.02	-0.03	-0.03		ppb
Molybdenum	97-1	-0.01	-0.01	0.00	-0.01		ppb
Molybdenum	98-1	-0.01	-0.01	-0.02	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	-0.05	-0.08	-0.06		ppb
Phosphorus	31-2	-17.09	-24.56	-16.39	-19.35		ppb
Potassium	39-2	8.76	9.56	20.25	12.86	49.89	ppb
Rhodium	103-1				104		%
Rhodium	103-2				109		%
Scandium	45-1				109		%
Scandium	45-2				112		%
Selenium	82-1	-0.76	-1.05	-1.23	-1.01		ppb
Selenium	77-2	-0.10	-1.33	-1.33	-0.92		ppb
Selenium	78-2	-1.70	-0.48	-1.67	-1.28		ppb
Silicon	28-1	-6.36	-12.28	-1.62	-6.75		ppb
Silver	107-1	0.02	-0.01	-0.01	0.00		ppb
Silver	109-1	0.01	-0.01	0.00	0.00	1186.05	ppb
Sodium	23-2	119.29	106.17	103.38	109.61	7.75	ppb
Strontium	86-1	1.17	0.62	0.51	0.77	45.83	ppb
Strontium	88-1	0.87	0.55	0.41	0.61	38.30	ppb
Sulfur	34-1	2200.22	1596.18	2504.54	2100.31	22.01	ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	-0.08	-0.08	-0.08	-0.08		ppb
Thallium	205-1	-0.05	-0.06	-0.06	-0.06		ppb
Tin	118-1	-0.47	-0.49	-0.46	-0.47		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-02	Instrumnet Name :	P8
Client Sample ID :	MH1F56	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 16:27:27	DataFile Name :	077AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.07	0.12	-0.02	0.05	132.74	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	79.18	ppb
Vanadium	51-2	0.01	0.00	0.01	0.01	121.34	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				108		%
Zinc	66-2	1.40	1.63	1.37	1.47	9.85	ppb
Zirconium	90-1	0.01	-0.01	0.00	0.00	1558.25	ppb
Zirconium	91-1	0.00	0.02	0.00	0.01	180.00	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-03	Instrumnet Name :	P8
Client Sample ID :	MH1F58	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 16:30:31	DataFile Name :	078AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.05	2.24	2.14	2.48	20.05	ppb
Antimony	121-1	0.01	0.02	0.01	0.02	29.50	ppb
Arsenic	75-2	-0.08	-0.05	-0.06	-0.06		ppb
Barium	135-1	0.13	0.14	0.21	0.16	26.42	ppb
Barium	137-1	0.13	0.16	0.10	0.13	21.41	ppb
Beryllium	9-1	-0.02	-0.03	-0.03	-0.03		ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Boron	10-1	7.60	8.08	6.25	7.31	13.00	ppb
Boron	11-1	7.75	6.74	6.49	7.00	9.56	ppb
Bromine	81-1						cps
Cadmium	111-1	0.11	0.13	-0.14	0.03	445.67	ppb
Cadmium	106-1	1.39	1.58	-1.67	0.43	420.58	ppb
Cadmium	108-1	-0.34	-0.52	-0.10	-0.32		ppb
Calcium	43-1	26.65	21.90	24.75	24.44	9.78	ppb
Calcium	44-1	37.24	32.62	34.58	34.81	6.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	0.08	0.07	0.05	103.69	ppb
Cobalt	59-2	-0.01	-0.02	0.00	-0.01		ppb
Copper	63-2	0.10	0.11	0.12	0.11	11.28	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				105		%
Holmium	165-2				103		%
Indium	115-1				107		%
Indium	115-2				104		%
Iron	54-2	2.67	5.15	3.57	3.80	33.14	ppb
Iron	56-2	3.09	2.93	3.01	3.01	2.69	ppb
Iron	57-2	3.16	2.23	4.15	3.18	30.23	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-03	Instrumnet Name :	P8
Client Sample ID :	MH1F58	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 16:30:31	DataFile Name :	078AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.11	0.10	0.12	0.11	10.09	ppb
Lead	207-1	0.12	0.12	0.14	0.13	8.06	ppb
Lead	208-1	0.12	0.12	0.12	0.12	0.72	ppb
Lithium	6-1				121		%
Magnesium	24-2	7.11	6.52	7.14	6.92	5.08	ppb
Manganese	55-2	0.14	0.11	0.14	0.13	9.78	ppb
Molybdenum	94-1	0.01	-0.04	-0.04	-0.03		ppb
Molybdenum	95-1	-0.01	-0.02	-0.02	-0.02		ppb
Molybdenum	96-1	-0.04	-0.05	-0.04	-0.04		ppb
Molybdenum	97-1	-0.02	-0.03	-0.02	-0.02		ppb
Molybdenum	98-1	-0.01	-0.01	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.10	-0.11	-0.03	-0.08		ppb
Phosphorus	31-2	-20.57	-48.36	-9.58	-26.17		ppb
Potassium	39-2	14.03	14.62	4.83	11.16	49.18	ppb
Rhodium	103-1				106		%
Rhodium	103-2				107		%
Scandium	45-1				108		%
Scandium	45-2				111		%
Selenium	82-1	-0.38	-1.14	-0.61	-0.71		ppb
Selenium	77-2	-1.33	-1.33	1.09	-0.53		ppb
Selenium	78-2	-1.75	-0.54	-0.92	-1.07		ppb
Silicon	28-1	-8.91	-4.72	-10.69	-8.11		ppb
Silver	107-1	-0.01	-0.01	-0.01	-0.01		ppb
Silver	109-1	0.01	-0.01	-0.01	0.00		ppb
Sodium	23-2	64.83	68.25	65.43	66.17	2.76	ppb
Strontium	86-1	0.20	0.11	0.07	0.13	51.49	ppb
Strontium	88-1	0.11	0.11	0.11	0.11	2.71	ppb
Sulfur	34-1	2437.91	2554.31	2207.59	2399.94	7.35	ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	-0.07	-0.07	-0.07	-0.07		ppb
Thallium	205-1	-0.05	-0.06	-0.06	-0.06		ppb
Tin	118-1	-0.37	-0.37	-0.40	-0.38		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-03	Instrumnet Name :	P8
Client Sample ID :	MH1F58	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 16:30:31	DataFile Name :	078AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.04	0.12	0.05	0.07	58.28	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	0.00	0.01	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				109		%
Zinc	66-2	0.62	0.84	0.70	0.72	15.68	ppb
Zirconium	90-1	-0.01	-0.02	0.00	-0.01		ppb
Zirconium	91-1	-0.04	-0.02	0.00	-0.02		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	CCV074	Instrumnet Name :	P8
Client Sample ID :	CCV074	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 16:42:06	DataFile Name :	079CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50674.03	49745.44	52435.34	50951.61	2.68	ppb
Antimony	121-1	499.60	481.96	493.56	491.71	1.82	ppb
Arsenic	75-2	481.81	482.53	489.52	484.62	0.88	ppb
Barium	135-1	2533.88	2577.80	2570.84	2560.84	0.92	ppb
Barium	137-1	2560.43	2594.23	2523.54	2559.40	1.38	ppb
Beryllium	9-1	482.68	468.11	493.27	481.36	2.62	ppb
Bismuth	209-1				104		%
Bismuth	209-2				98		%
Boron	10-1	467.92	476.97	508.67	484.52	4.42	ppb
Boron	11-1	475.44	479.54	511.89	488.96	4.08	ppb
Bromine	81-1						cps
Cadmium	111-1	484.07	479.71	474.08	479.29	1.05	ppb
Cadmium	106-1	485.85	465.47	479.59	476.97	2.19	ppb
Cadmium	108-1	497.03	504.49	489.53	497.02	1.51	ppb
Calcium	43-1	245116.00	251264.40	246522.25	247634.22	1.30	ppb
Calcium	44-1	248387.38	247058.91	254443.24	249963.17	1.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	464.42	460.11	464.31	462.95	0.53	ppb
Cobalt	59-2	452.43	464.07	460.80	459.10	1.31	ppb
Copper	63-2	4583.15	4704.99	4685.14	4657.76	1.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				106		%
Indium	115-1				108		%
Indium	115-2				102		%
Iron	54-2	122477.25	123979.54	125557.75	124004.85	1.24	ppb
Iron	56-2	121477.61	123193.29	126821.06	123830.65	2.20	ppb
Iron	57-2	124802.29	127266.07	120546.94	124205.10	2.74	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	CCV074	Instrumnet Name :	P8
Client Sample ID :	CCV074	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 16:42:06	DataFile Name :	079CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2533.62	2443.56	2492.89	2490.02	1.81	ppb
Lead	207-1	2563.91	2498.72	2532.92	2531.85	1.29	ppb
Lead	208-1	2537.90	2469.41	2502.71	2503.34	1.37	ppb
Lithium	6-1				121		%
Magnesium	24-2	263434.55	257125.82	264577.33	261712.57	1.53	ppb
Manganese	55-2	4596.71	4796.65	4712.64	4702.00	2.14	ppb
Molybdenum	94-1	5475.17	5590.58	5427.14	5497.63	1.53	ppb
Molybdenum	95-1	5595.18	5558.45	5443.05	5532.23	1.43	ppb
Molybdenum	96-1	5526.91	5550.90	5564.16	5547.32	0.34	ppb
Molybdenum	97-1	5461.89	5533.98	5590.68	5528.85	1.17	ppb
Molybdenum	98-1	5522.05	5398.38	5535.34	5485.25	1.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	482.50	465.08	485.73	477.77	2.33	ppb
Phosphorus	31-2	9931.00	9550.05	9277.05	9586.03	3.43	ppb
Potassium	39-2	126066.98	125463.80	131787.02	127772.60	2.73	ppb
Rhodium	103-1				104		%
Rhodium	103-2				101		%
Scandium	45-1				114		%
Scandium	45-2				111		%
Selenium	82-1	509.87	511.90	506.70	509.49	0.51	ppb
Selenium	77-2	508.81	448.45	500.83	486.03	6.75	ppb
Selenium	78-2	501.82	499.33	508.86	503.33	0.98	ppb
Silicon	28-1	587.14	656.33	654.60	632.69	6.24	ppb
Silver	107-1	503.34	497.03	488.78	496.39	1.47	ppb
Silver	109-1	524.13	492.14	489.32	501.86	3.85	ppb
Sodium	23-2	258059.43	258582.44	268818.21	261820.03	2.32	ppb
Strontium	86-1	4939.68	5109.96	5049.92	5033.19	1.72	ppb
Strontium	88-1	5095.24	4998.80	5069.08	5054.37	0.99	ppb
Sulfur	34-1	10791.89	10698.89	9606.07	10365.62	6.36	ppb
Terbium	159-1				109		%
Terbium	159-2				107		%
Thallium	203-1	511.68	488.39	493.24	497.77	2.47	ppb
Thallium	205-1	527.01	480.50	496.50	501.34	4.71	ppb
Tin	118-1	508.34	494.76	483.06	495.39	2.55	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	CCV074	Instrumnet Name :	P8
Client Sample ID :	CCV074	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 16:42:06	DataFile Name :	079CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5437.42	5525.62	5231.31	5398.12	2.80	ppb
Uranium	238-1	522.31	502.09	499.98	508.13	2.43	ppb
Vanadium	51-2	472.09	471.40	482.13	475.20	1.26	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				107		%
Zinc	66-2	4600.45	4544.44	4610.22	4585.04	0.77	ppb
Zirconium	90-1	500.53	491.56	490.78	494.29	1.10	ppb
Zirconium	91-1	495.87	488.16	480.19	488.08	1.61	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	CCB074	Instrumnet Name :	P8
Client Sample ID :	CCB074	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 16:53:34	DataFile Name :	080CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.71	1.07	1.25	1.01	27.14	ppb
Antimony	121-1	0.02	0.04	0.05	0.04	46.54	ppb
Arsenic	75-2	-0.07	-0.07	-0.05	-0.06		ppb
Barium	135-1	-0.04	-0.01	-0.01	-0.02		ppb
Barium	137-1	-0.03	-0.02	-0.01	-0.02		ppb
Beryllium	9-1	0.00	-0.02	-0.01	-0.01		ppb
Bismuth	209-1				110		%
Bismuth	209-2				101		%
Boron	10-1	9.68	9.84	9.48	9.67	1.89	ppb
Boron	11-1	10.13	9.82	9.70	9.88	2.23	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.10	-0.27	-0.40	-0.26		ppb
Cadmium	106-1	-1.11	-3.43	-5.51	-3.35		ppb
Cadmium	108-1	-0.19	-0.26	-0.24	-0.23		ppb
Calcium	43-1	3.63	0.82	1.28	1.91	79.15	ppb
Calcium	44-1	2.50	-1.29	1.16	0.79	243.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	-0.02	0.04	0.01	370.46	ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	241.47	ppb
Copper	63-2	0.09	0.13	0.10	0.11	19.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				102		%
Indium	115-1				110		%
Indium	115-2				102		%
Iron	54-2	2.37	0.39	3.59	2.11	76.23	ppb
Iron	56-2	2.38	2.91	3.25	2.84	15.51	ppb
Iron	57-2	2.60	-0.34	4.70	2.32	109.06	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	CCB074	Instrumnet Name :	P8
Client Sample ID :	CCB074	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 16:53:34	DataFile Name :	080CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	-0.02	-0.09	-0.01	-0.04		ppb
Lead	207-1	-0.02	0.01	0.03	0.00	604.83	ppb
Lead	208-1	-0.01	-0.02	-0.01	-0.01		ppb
Lithium	6-1				119		%
Magnesium	24-2	9.13	10.96	11.71	10.60	12.52	ppb
Manganese	55-2	0.15	0.13	0.09	0.12	23.90	ppb
Molybdenum	94-1	0.16	0.10	0.05	0.11	52.83	ppb
Molybdenum	95-1	0.09	0.08	0.07	0.08	13.23	ppb
Molybdenum	96-1	0.11	0.10	0.10	0.10	5.99	ppb
Molybdenum	97-1	0.13	0.10	0.08	0.10	23.93	ppb
Molybdenum	98-1	0.11	0.08	0.07	0.09	25.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.07	-0.05	-0.05		ppb
Phosphorus	31-2	-21.55	-32.17	-47.84	-33.85		ppb
Potassium	39-2	4.78	11.45	9.88	8.70	40.08	ppb
Rhodium	103-1				107		%
Rhodium	103-2				106		%
Scandium	45-1				107		%
Scandium	45-2				106		%
Selenium	82-1	-0.90	-0.87	-0.33	-0.70		ppb
Selenium	77-2	-0.08	-1.33	-0.09	-0.50		ppb
Selenium	78-2	-1.13	-1.09	-0.94	-1.05		ppb
Silicon	28-1	-17.23	-30.05	-22.70	-23.33		ppb
Silver	107-1	0.02	0.02	0.01	0.02	41.95	ppb
Silver	109-1	0.00	0.02	0.02	0.01	83.14	ppb
Sodium	23-2	68.23	69.13	64.64	67.33	3.53	ppb
Strontium	86-1	0.16	-0.04	0.03	0.05	210.49	ppb
Strontium	88-1	0.07	0.06	0.06	0.06	8.71	ppb
Sulfur	34-1	1209.59	159.94	635.20	668.24	78.65	ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	-0.06	-0.04	-0.06	-0.06		ppb
Thallium	205-1	-0.04	-0.02	-0.04	-0.03		ppb
Tin	118-1	-0.09	-0.07	-0.09	-0.08		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	CCB074	Instrumnet Name :	P8
Client Sample ID :	CCB074	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 16:53:34	DataFile Name :	080CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.11	-0.04	-0.11	-0.09		ppb
Uranium	238-1	0.00	0.00	0.01	0.01	62.41	ppb
Vanadium	51-2	0.00	0.01	0.01	0.00	162.22	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				104		%
Zinc	66-2	0.45	0.37	0.44	0.42	10.35	ppb
Zirconium	90-1	0.00	0.00	-0.01	0.00		ppb
Zirconium	91-1	0.00	-0.02	-0.01	-0.01		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-04	Instrumnet Name :	P8
Client Sample ID :	MH1F60	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:01:00	DataFile Name :	081AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.58	1.56	1.29	1.47	11.13	ppb
Antimony	121-1	0.02	0.03	0.02	0.02	29.78	ppb
Arsenic	75-2	-0.04	-0.04	-0.07	-0.05		ppb
Barium	135-1	0.08	0.09	0.09	0.09	8.08	ppb
Barium	137-1	0.08	0.07	0.04	0.06	31.54	ppb
Beryllium	9-1	-0.01	0.01	-0.01	0.00		ppb
Bismuth	209-1				106		%
Bismuth	209-2				101		%
Boron	10-1	7.45	7.25	7.28	7.33	1.48	ppb
Boron	11-1	7.68	8.36	7.48	7.84	5.88	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.51	-0.21	-0.11	-0.28		ppb
Cadmium	106-1	-6.61	-2.15	-1.08	-3.28		ppb
Cadmium	108-1	-0.36	0.02	-0.14	-0.16		ppb
Calcium	43-1	4.57	4.20	7.58	5.45	33.98	ppb
Calcium	44-1	3.62	0.70	5.04	3.12	70.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.08	0.00	0.02	0.03	121.16	ppb
Cobalt	59-2	0.01	0.00	-0.01	0.00	429.94	ppb
Copper	63-2	0.04	0.09	0.03	0.05	63.14	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				107		%
Holmium	165-2				103		%
Indium	115-1				108		%
Indium	115-2				100		%
Iron	54-2	0.15	-0.05	-0.88	-0.26		ppb
Iron	56-2	1.55	1.21	1.26	1.34	13.77	ppb
Iron	57-2	1.03	2.08	0.87	1.33	49.48	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-04	Instrumnet Name :	P8
Client Sample ID :	MH1F60	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:01:00	DataFile Name :	081AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.30	0.30	0.25	0.28	10.60	ppb
Lead	207-1	0.27	0.28	0.29	0.28	4.71	ppb
Lead	208-1	0.28	0.28	0.26	0.27	5.92	ppb
Lithium	6-1				116		%
Magnesium	24-2	3.28	3.00	2.62	2.96	11.21	ppb
Manganese	55-2	0.16	0.27	0.27	0.23	28.31	ppb
Molybdenum	94-1	0.06	0.03	0.07	0.05	43.16	ppb
Molybdenum	95-1	0.07	0.03	0.08	0.06	39.00	ppb
Molybdenum	96-1	0.08	0.02	0.06	0.05	57.31	ppb
Molybdenum	97-1	0.03	0.03	0.07	0.04	45.16	ppb
Molybdenum	98-1	0.06	0.05	0.05	0.05	8.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.09	-0.03	-0.04		ppb
Phosphorus	31-2	-24.51	-1.31	13.45	-4.12		ppb
Potassium	39-2	0.89	11.86	1.52	4.76	129.50	ppb
Rhodium	103-1				107		%
Rhodium	103-2				104		%
Scandium	45-1				107		%
Scandium	45-2				104		%
Selenium	82-1	-3.35	-1.23	-1.16	-1.91		ppb
Selenium	77-2	1.23	-1.33	-0.09	-0.06		ppb
Selenium	78-2	0.40	-1.86	-1.16	-0.87		ppb
Silicon	28-1	-17.00	-26.52	-18.47	-20.66		ppb
Silver	107-1	0.00	0.00	0.02	0.01	189.80	ppb
Silver	109-1	0.02	0.00	0.05	0.02	102.10	ppb
Sodium	23-2	47.13	44.19	44.42	45.25	3.61	ppb
Strontium	86-1	0.23	0.19	0.08	0.17	45.08	ppb
Strontium	88-1	0.06	0.06	0.08	0.07	13.20	ppb
Sulfur	34-1	1272.78	745.89	1072.57	1030.41	25.81	ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	-0.04	-0.05	-0.08	-0.05		ppb
Thallium	205-1	-0.04	-0.05	-0.05	-0.05		ppb
Tin	118-1	-0.42	-0.40	-0.44	-0.42		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-04	Instrumnet Name :	P8
Client Sample ID :	MH1F60	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:01:00	DataFile Name :	081AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.02	0.01	0.00	0.01	148.11	ppb
Uranium	238-1	0.00	0.01	0.00	0.00	33.71	ppb
Vanadium	51-2	-0.01	0.00	-0.01	-0.01		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				105		%
Zinc	66-2	1.52	1.63	1.54	1.57	3.76	ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	132.92	ppb
Zirconium	91-1	0.02	0.02	0.04	0.02	49.65	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-05	Instrumnet Name :	P8
Client Sample ID :	MH1F62	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:04:02	DataFile Name :	082AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.67	2.88	2.71	2.75	3.98	ppb
Antimony	121-1	0.02	0.02	0.01	0.02	20.85	ppb
Arsenic	75-2	-0.05	-0.05	-0.05	-0.05		ppb
Barium	135-1	0.06	0.04	0.17	0.09	78.63	ppb
Barium	137-1	0.03	0.06	0.09	0.06	52.56	ppb
Beryllium	9-1	-0.01	-0.04	-0.04	-0.03		ppb
Bismuth	209-1				110		%
Bismuth	209-2				105		%
Boron	10-1	6.42	6.21	6.15	6.26	2.25	ppb
Boron	11-1	6.02	5.85	5.76	5.88	2.25	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.24	-0.14	-0.22	-0.20		ppb
Cadmium	106-1	-2.59	-1.28	-2.68	-2.18		ppb
Cadmium	108-1	-0.03	-0.10	-0.25	-0.13		ppb
Calcium	43-1	8.08	5.52	5.54	6.38	23.06	ppb
Calcium	44-1	0.51	2.82	0.13	1.15	126.05	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	0.02	0.09	0.03	188.02	ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	0.02	-0.01	0.05	0.02	138.88	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				108		%
Holmium	165-2				106		%
Indium	115-1				110		%
Indium	115-2				104		%
Iron	54-2	1.05	1.91	1.84	1.60	29.68	ppb
Iron	56-2	3.18	3.19	2.99	3.12	3.63	ppb
Iron	57-2	2.12	2.58	3.35	2.68	23.16	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-05	Instrumnet Name :	P8
Client Sample ID :	MH1F62	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:04:02	DataFile Name :	082AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.19	0.18	0.19	0.19	2.62	ppb
Lead	207-1	0.11	0.14	0.22	0.16	34.94	ppb
Lead	208-1	0.17	0.16	0.19	0.17	10.98	ppb
Lithium	6-1				117		%
Magnesium	24-2	2.38	2.11	2.52	2.34	8.85	ppb
Manganese	55-2	0.14	0.13	0.14	0.14	4.10	ppb
Molybdenum	94-1	0.04	0.03	0.05	0.04	25.20	ppb
Molybdenum	95-1	0.01	0.01	-0.01	0.00	599.32	ppb
Molybdenum	96-1	0.00	0.03	0.00	0.01	132.95	ppb
Molybdenum	97-1	0.02	0.01	0.05	0.03	74.56	ppb
Molybdenum	98-1	0.02	0.02	0.02	0.02	15.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	-0.04	-0.09	-0.06		ppb
Phosphorus	31-2	-33.10	-21.66	-37.03	-30.60		ppb
Potassium	39-2	-13.55	0.26	0.42	-4.29		ppb
Rhodium	103-1				106		%
Rhodium	103-2				107		%
Scandium	45-1				110		%
Scandium	45-2				107		%
Selenium	82-1	-0.06	-1.06	-1.11	-0.74		ppb
Selenium	77-2	1.11	-0.06	-0.07	0.33	208.29	ppb
Selenium	78-2	-1.75	-1.16	-2.23	-1.71		ppb
Silicon	28-1	-24.23	-15.73	-22.50	-20.82		ppb
Silver	107-1	0.03	0.00	0.01	0.01	103.58	ppb
Silver	109-1	0.03	0.03	0.01	0.02	41.40	ppb
Sodium	23-2	33.21	36.81	37.52	35.85	6.45	ppb
Strontium	86-1	0.16	0.09	0.14	0.13	25.94	ppb
Strontium	88-1	0.06	0.05	0.05	0.05	9.62	ppb
Sulfur	34-1	72.70	704.48	85.83	287.67	125.50	ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	-0.07	-0.07	-0.08	-0.07		ppb
Thallium	205-1	-0.05	-0.07	-0.05	-0.05		ppb
Tin	118-1	-0.41	-0.43	-0.47	-0.44		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-05	Instrumnet Name :	P8
Client Sample ID :	MH1F62	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:04:02	DataFile Name :	082AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.03	0.12	0.06	0.07	64.09	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	100.69	ppb
Vanadium	51-2	-0.01	-0.01	0.01	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				105		%
Zinc	66-2	0.82	0.86	0.44	0.71	32.99	ppb
Zirconium	90-1	0.00	0.02	0.01	0.01	69.11	ppb
Zirconium	91-1	0.02	0.02	-0.03	0.00	856.95	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-06	Instrumnet Name :	P8
Client Sample ID :	MH1F64	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:07:07	DataFile Name :	083AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.12	1.49	2.23	1.95	20.35	ppb
Antimony	121-1	0.01	0.00	0.02	0.01	81.96	ppb
Arsenic	75-2	-0.05	-0.08	-0.07	-0.07		ppb
Barium	135-1	0.04	0.06	0.11	0.07	52.05	ppb
Barium	137-1	0.01	0.03	0.04	0.03	57.89	ppb
Beryllium	9-1	-0.03	-0.03	-0.02	-0.03		ppb
Bismuth	209-1				109		%
Bismuth	209-2				102		%
Boron	10-1	6.00	6.41	5.92	6.11	4.23	ppb
Boron	11-1	5.66	6.15	5.48	5.76	6.03	ppb
Bromine	81-1						cps
Cadmium	111-1	0.01	0.12	-0.24	-0.04		ppb
Cadmium	106-1	0.09	1.68	-2.39	-0.21		ppb
Cadmium	108-1	-0.31	-0.25	0.47	-0.03		ppb
Calcium	43-1	2.73	3.82	15.66	7.40	96.86	ppb
Calcium	44-1	0.36	1.63	12.69	4.89	138.73	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.09	0.04	0.03	0.05	68.77	ppb
Cobalt	59-2	-0.01	0.01	-0.02	0.00		ppb
Copper	63-2	0.01	0.03	0.03	0.02	67.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				105		%
Indium	115-1				108		%
Indium	115-2				103		%
Iron	54-2	4.20	3.48	4.19	3.96	10.37	ppb
Iron	56-2	4.19	3.41	4.01	3.87	10.44	ppb
Iron	57-2	4.41	5.25	3.75	4.47	16.83	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-06	Instrumnet Name :	P8
Client Sample ID :	MH1F64	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:07:07	DataFile Name :	083AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.06	0.03	0.04	0.04	36.07	ppb
Lead	207-1	0.04	0.04	0.01	0.03	63.80	ppb
Lead	208-1	0.05	0.03	0.05	0.05	21.94	ppb
Lithium	6-1				119		%
Magnesium	24-2	1.71	0.85	2.54	1.70	49.80	ppb
Manganese	55-2	0.24	0.29	0.22	0.25	14.43	ppb
Molybdenum	94-1	0.05	0.01	0.02	0.03	72.88	ppb
Molybdenum	95-1	0.01	0.00	0.00	0.00	52.93	ppb
Molybdenum	96-1	0.00	0.03	-0.01	0.01	237.99	ppb
Molybdenum	97-1	0.04	0.01	0.01	0.02	100.29	ppb
Molybdenum	98-1	0.01	0.00	0.02	0.01	58.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.08	-0.09	-0.04	-0.07		ppb
Phosphorus	31-2	-24.89	-36.41	-21.52	-27.60		ppb
Potassium	39-2	0.82	-4.19	1.41	-0.65		ppb
Rhodium	103-1				109		%
Rhodium	103-2				106		%
Scandium	45-1				107		%
Scandium	45-2				106		%
Selenium	82-1	-0.14	-1.14	-0.63	-0.64		ppb
Selenium	77-2	1.08	-0.10	-0.03	0.32	207.13	ppb
Selenium	78-2	-2.71	-0.88	-0.61	-1.40		ppb
Silicon	28-1	-18.71	-20.55	-15.92	-18.39		ppb
Silver	107-1	0.00	0.01	0.00	0.00	236.91	ppb
Silver	109-1	0.02	0.01	0.00	0.01	121.95	ppb
Sodium	23-2	35.46	32.56	36.54	34.85	5.90	ppb
Strontium	86-1	0.02	-0.05	0.00	-0.01		ppb
Strontium	88-1	0.03	0.03	0.07	0.05	51.36	ppb
Sulfur	34-1	885.44	725.69	1015.02	875.38	16.56	ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	-0.08	-0.09	-0.08	-0.08		ppb
Thallium	205-1	-0.04	-0.05	-0.06	-0.05		ppb
Tin	118-1	-0.30	-0.35	-0.30	-0.32		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-06	Instrumnet Name :	P8
Client Sample ID :	MH1F64	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:07:07	DataFile Name :	083AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.08	0.00	-0.03	0.02	313.34	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	-0.01	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				106		%
Zinc	66-2	0.46	0.49	0.27	0.40	29.84	ppb
Zirconium	90-1	-0.01	-0.01	0.00	-0.01		ppb
Zirconium	91-1	0.02	0.02	0.01	0.02	53.82	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-07	Instrumnet Name :	P8
Client Sample ID :	MH1F66	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:10:09	DataFile Name :	084AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.14	2.72	1.98	2.28	17.10	ppb
Antimony	121-1	-0.01	0.01	0.00	0.00	443.83	ppb
Arsenic	75-2	-0.06	-0.07	-0.07	-0.07		ppb
Barium	135-1	0.02	0.05	0.04	0.04	36.69	ppb
Barium	137-1	0.00	0.02	0.00	0.01	112.71	ppb
Beryllium	9-1	-0.02	-0.04	-0.03	-0.03		ppb
Bismuth	209-1				108		%
Bismuth	209-2				104		%
Boron	10-1	5.31	4.20	4.26	4.59	13.60	ppb
Boron	11-1	4.53	4.31	4.26	4.37	3.38	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.06	-0.11	-0.15	-0.10		ppb
Cadmium	106-1	-0.58	-1.12	-1.76	-1.15		ppb
Cadmium	108-1	-0.26	-0.19	-0.05	-0.17		ppb
Calcium	43-1	-1.98	1.08	-3.98	-1.63		ppb
Calcium	44-1	-9.49	-5.36	-9.37	-8.07		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.08	0.06	0.12	0.09	38.58	ppb
Cobalt	59-2	-0.01	-0.02	-0.01	-0.01		ppb
Copper	63-2	-0.01	0.03	0.01	0.01	152.14	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				109		%
Holmium	165-2				105		%
Indium	115-1				109		%
Indium	115-2				102		%
Iron	54-2	3.98	5.36	4.25	4.53	16.12	ppb
Iron	56-2	5.57	5.58	5.63	5.59	0.60	ppb
Iron	57-2	6.82	4.84	8.38	6.68	26.53	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-07	Instrumnet Name :	P8
Client Sample ID :	MH1F66	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:10:09	DataFile Name :	084AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.02	0.05	0.02	0.03	62.05	ppb
Lead	207-1	0.01	0.00	0.02	0.01	103.00	ppb
Lead	208-1	0.02	0.02	0.01	0.02	27.51	ppb
Lithium	6-1				120		%
Magnesium	24-2	1.86	1.84	2.71	2.14	23.29	ppb
Manganese	55-2	0.06	0.02	0.04	0.04	52.97	ppb
Molybdenum	94-1	0.02	0.05	0.01	0.03	83.10	ppb
Molybdenum	95-1	0.00	0.00	-0.01	0.00		ppb
Molybdenum	96-1	0.03	0.02	0.02	0.02	32.45	ppb
Molybdenum	97-1	0.01	0.01	0.02	0.01	78.13	ppb
Molybdenum	98-1	0.02	0.02	0.00	0.01	62.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	-0.08	-0.09	-0.07		ppb
Phosphorus	31-2	-36.72	-36.49	-28.75	-33.99		ppb
Potassium	39-2	-0.80	-8.61	-2.87	-4.10		ppb
Rhodium	103-1				109		%
Rhodium	103-2				107		%
Scandium	45-1				109		%
Scandium	45-2				106		%
Selenium	82-1	-0.02	-2.05	-0.63	-0.90		ppb
Selenium	77-2	-1.33	-1.33	-1.33	-1.33		ppb
Selenium	78-2	-2.60	-1.35	-1.46	-1.80		ppb
Silicon	28-1	-22.51	-15.30	-20.03	-19.28		ppb
Silver	107-1	0.01	0.00	0.02	0.01	82.00	ppb
Silver	109-1	0.00	-0.01	0.01	0.00	434.29	ppb
Sodium	23-2	33.52	31.82	33.89	33.07	3.33	ppb
Strontium	86-1	0.11	0.05	0.05	0.07	44.15	ppb
Strontium	88-1	0.02	0.03	0.02	0.02	35.18	ppb
Sulfur	34-1	310.11	693.84	174.23	392.73	68.62	ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	-0.07	-0.07	-0.06	-0.07		ppb
Thallium	205-1	-0.05	-0.05	-0.06	-0.05		ppb
Tin	118-1	-0.49	-0.51	-0.45	-0.48		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-07	Instrumnet Name :	P8
Client Sample ID :	MH1F66	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:10:09	DataFile Name :	084AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.06	0.11	0.16	0.07	158.81	ppb
Uranium	238-1	0.00	0.01	0.00	0.00	89.17	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				107		%
Zinc	66-2	0.63	0.26	0.32	0.40	49.08	ppb
Zirconium	90-1	0.00	0.00	-0.01	0.00		ppb
Zirconium	91-1	0.01	0.00	0.00	0.00	277.55	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-08	Instrumnet Name :	P8
Client Sample ID :	MH1F68	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:13:14	DataFile Name :	085AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.15	3.06	2.27	2.83	17.04	ppb
Antimony	121-1	0.02	0.02	0.01	0.01	29.76	ppb
Arsenic	75-2	-0.03	-0.09	-0.03	-0.05		ppb
Barium	135-1	0.01	0.05	0.03	0.03	76.63	ppb
Barium	137-1	-0.01	0.01	0.03	0.01	218.21	ppb
Beryllium	9-1	-0.01	-0.03	-0.03	-0.02		ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Boron	10-1	3.99	3.97	3.93	3.96	0.68	ppb
Boron	11-1	4.28	4.20	4.68	4.39	5.89	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.13	-0.21	0.22	-0.04		ppb
Cadmium	106-1	-1.32	-2.13	3.39	-0.02		ppb
Cadmium	108-1	-0.03	-0.05	-0.06	-0.04		ppb
Calcium	43-1	3.20	6.05	5.29	4.85	30.43	ppb
Calcium	44-1	2.02	-1.10	0.12	0.35	450.89	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.29	0.29	0.35	0.31	10.47	ppb
Cobalt	59-2	0.00	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.00	0.05	0.06	0.04	88.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				103		%
Indium	115-1				106		%
Indium	115-2				103		%
Iron	54-2	3.60	3.62	1.18	2.80	50.19	ppb
Iron	56-2	2.71	2.95	2.80	2.82	4.24	ppb
Iron	57-2	5.48	3.85	1.03	3.45	65.26	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-08	Instrumnet Name :	P8
Client Sample ID :	MH1F68	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:13:14	DataFile Name :	085AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.06	0.03	0.05	0.05	37.90	ppb
Lead	207-1	0.01	0.05	0.05	0.04	74.36	ppb
Lead	208-1	0.05	0.04	0.05	0.04	17.75	ppb
Lithium	6-1				116		%
Magnesium	24-2	2.15	2.40	0.74	1.76	50.62	ppb
Manganese	55-2	0.30	0.30	0.30	0.30	0.84	ppb
Molybdenum	94-1	-0.01	0.09	-0.03	0.02	412.19	ppb
Molybdenum	95-1	-0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	96-1	0.02	-0.03	-0.01	-0.01		ppb
Molybdenum	97-1	0.01	0.01	-0.01	0.00	336.73	ppb
Molybdenum	98-1	0.01	0.00	0.00	0.00	35.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.06	0.07	0.04	0.06	25.50	ppb
Phosphorus	31-2	-43.74	-16.41	-47.67	-35.94		ppb
Potassium	39-2	-4.01	7.58	-0.28	1.09	540.66	ppb
Rhodium	103-1				105		%
Rhodium	103-2				107		%
Scandium	45-1				106		%
Scandium	45-2				105		%
Selenium	82-1	-0.69	-0.68	0.23	-0.38		ppb
Selenium	77-2	-0.10	-1.33	1.19	-0.08		ppb
Selenium	78-2	-3.04	-0.90	-0.05	-1.33		ppb
Silicon	28-1	-12.19	-19.75	-12.33	-14.76		ppb
Silver	107-1	0.03	-0.01	0.00	0.01	260.90	ppb
Silver	109-1	0.02	0.00	0.01	0.01	81.89	ppb
Sodium	23-2	35.12	37.47	33.99	35.53	5.01	ppb
Strontium	86-1	0.06	-0.02	0.04	0.03	167.03	ppb
Strontium	88-1	0.03	0.02	0.02	0.02	37.70	ppb
Sulfur	34-1	1206.03	702.02	1043.59	983.88	26.15	ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	-0.07	-0.08	-0.07	-0.07		ppb
Thallium	205-1	-0.04	-0.05	-0.05	-0.05		ppb
Tin	118-1	-0.34	-0.35	-0.38	-0.35		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-08	Instrumnet Name :	P8
Client Sample ID :	MH1F68	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:13:14	DataFile Name :	085AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.01	0.08	-0.01	0.03	184.20	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	415.04	ppb
Vanadium	51-2	-0.01	0.00	0.00	-0.01		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				105		%
Zinc	66-2	1.40	1.42	1.47	1.43	2.51	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	44.19	ppb
Zirconium	91-1	0.00	0.03	0.00	0.01	233.35	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-09	Instrumnet Name :	P8
Client Sample ID :	MH1F70	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:16:16	DataFile Name :	086AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.71	2.17	2.00	1.96	11.94	ppb
Antimony	121-1	0.01	0.00	0.00	0.00	147.89	ppb
Arsenic	75-2	-0.08	-0.09	-0.06	-0.08		ppb
Barium	135-1	0.15	0.13	0.11	0.13	15.00	ppb
Barium	137-1	0.07	0.08	0.13	0.09	38.03	ppb
Beryllium	9-1	-0.01	-0.01	-0.02	-0.01		ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Boron	10-1	3.58	3.88	3.37	3.61	7.10	ppb
Boron	11-1	3.47	3.38	3.42	3.43	1.27	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.01	-0.17	0.11	-0.02		ppb
Cadmium	106-1	0.15	-2.12	1.26	-0.24		ppb
Cadmium	108-1	-0.26	-0.19	-0.46	-0.30		ppb
Calcium	43-1	2.74	6.14	3.37	4.08	44.34	ppb
Calcium	44-1	-4.16	-1.77	-1.47	-2.47		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.07	0.10	0.07	54.93	ppb
Cobalt	59-2	-0.01	0.00	0.00	0.00	534.09	ppb
Copper	63-2	0.00	0.01	0.00	0.01	130.02	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				107		%
Holmium	165-2				104		%
Indium	115-1				109		%
Indium	115-2				102		%
Iron	54-2	4.35	7.16	5.42	5.64	25.10	ppb
Iron	56-2	6.18	5.89	5.76	5.94	3.62	ppb
Iron	57-2	4.69	4.39	4.22	4.43	5.32	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-09	Instrumnet Name :	P8
Client Sample ID :	MH1F70	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:16:16	DataFile Name :	086AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.07	0.10	0.04	0.07	45.40	ppb
Lead	207-1	0.04	0.11	0.06	0.07	53.73	ppb
Lead	208-1	0.06	0.10	0.05	0.07	34.81	ppb
Lithium	6-1				118		%
Magnesium	24-2	2.13	1.46	1.51	1.70	21.79	ppb
Manganese	55-2	0.11	0.12	0.09	0.11	15.91	ppb
Molybdenum	94-1	-0.05	-0.01	0.03	-0.01		ppb
Molybdenum	95-1	-0.01	-0.02	-0.01	-0.01		ppb
Molybdenum	96-1	-0.04	-0.01	-0.03	-0.03		ppb
Molybdenum	97-1	-0.01	0.01	0.02	0.01	175.91	ppb
Molybdenum	98-1	0.00	-0.01	0.01	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.05	-0.06	-0.04		ppb
Phosphorus	31-2	4.38	-22.01	-32.35	-16.66		ppb
Potassium	39-2	-1.51	-9.80	-5.30	-5.54		ppb
Rhodium	103-1				106		%
Rhodium	103-2				105		%
Scandium	45-1				109		%
Scandium	45-2				106		%
Selenium	82-1	-1.09	-0.24	-1.31	-0.88		ppb
Selenium	77-2	-1.33	-1.33	1.21	-0.49		ppb
Selenium	78-2	-0.80	-1.55	-1.63	-1.32		ppb
Silicon	28-1	-22.53	-18.96	-18.09	-19.86		ppb
Silver	107-1	0.01	0.00	0.02	0.01	101.81	ppb
Silver	109-1	0.01	0.02	0.02	0.02	20.04	ppb
Sodium	23-2	31.14	26.40	35.55	31.03	14.76	ppb
Strontium	86-1	-0.08	0.06	0.03	0.00	2467.73	ppb
Strontium	88-1	0.02	0.02	0.03	0.02	15.60	ppb
Sulfur	34-1	593.68	431.96	204.53	410.06	47.68	ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	-0.08	-0.07	-0.08	-0.08		ppb
Thallium	205-1	-0.06	-0.06	-0.06	-0.06		ppb
Tin	118-1	-0.44	-0.45	-0.47	-0.45		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-09	Instrumnet Name :	P8
Client Sample ID :	MH1F70	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:16:16	DataFile Name :	086AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.05	-0.04	0.02	-0.02		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	453.39	ppb
Vanadium	51-2	0.00	-0.01	-0.01	-0.01		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				104		%
Zinc	66-2	0.66	0.47	0.96	0.69	35.77	ppb
Zirconium	90-1	0.01	0.00	0.00	0.00	241.33	ppb
Zirconium	91-1	0.01	0.03	-0.04	0.00		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-10	Instrumnet Name :	P8
Client Sample ID :	MH1F72	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:19:20	DataFile Name :	087AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.27	1.62	1.89	1.60	19.47	ppb
Antimony	121-1	0.00	0.00	0.01	0.00	133.45	ppb
Arsenic	75-2	-0.06	-0.07	-0.02	-0.05		ppb
Barium	135-1	0.01	0.00	0.01	0.01	66.47	ppb
Barium	137-1	0.03	0.06	0.02	0.04	46.53	ppb
Beryllium	9-1	-0.03	-0.04	-0.05	-0.04		ppb
Bismuth	209-1				106		%
Bismuth	209-2				101		%
Boron	10-1	3.72	3.47	3.78	3.66	4.37	ppb
Boron	11-1	3.20	3.36	3.85	3.47	9.67	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.32	0.26	-0.11	-0.06		ppb
Cadmium	106-1	-3.95	3.28	-1.12	-0.59		ppb
Cadmium	108-1	-0.04	-0.28	-0.03	-0.12		ppb
Calcium	43-1	0.80	-2.15	1.66	0.10	1905.61	ppb
Calcium	44-1	-1.50	-5.68	-1.42	-2.87		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.11	0.20	0.12	0.14	32.69	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.00	-0.03	-0.03	-0.02		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				103		%
Indium	115-1				106		%
Indium	115-2				101		%
Iron	54-2	1.92	1.54	-0.23	1.08	106.36	ppb
Iron	56-2	1.16	1.44	1.82	1.47	22.21	ppb
Iron	57-2	1.81	3.43	0.90	2.05	62.52	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-10	Instrumnet Name :	P8
Client Sample ID :	MH1F72	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:19:20	DataFile Name :	087AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.01	0.05	-0.01	0.02	181.63	ppb
Lead	207-1	0.05	0.02	0.05	0.04	40.96	ppb
Lead	208-1	0.04	0.04	0.04	0.04	3.38	ppb
Lithium	6-1				116		%
Magnesium	24-2	1.16	2.31	1.19	1.55	42.08	ppb
Manganese	55-2	0.04	0.00	0.07	0.04	86.51	ppb
Molybdenum	94-1	-0.03	-0.03	-0.02	-0.03		ppb
Molybdenum	95-1	0.00	-0.01	0.00	0.00		ppb
Molybdenum	96-1	-0.02	-0.01	-0.02	-0.02		ppb
Molybdenum	97-1	-0.01	0.01	-0.01	0.00		ppb
Molybdenum	98-1	0.00	0.00	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	-0.07	-0.08	-0.07		ppb
Phosphorus	31-2	-13.16	-8.96	-21.51	-14.54		ppb
Potassium	39-2	10.01	2.48	3.86	5.45	73.60	ppb
Rhodium	103-1				105		%
Rhodium	103-2				105		%
Scandium	45-1				106		%
Scandium	45-2				105		%
Selenium	82-1	-0.83	-1.35	0.29	-0.63		ppb
Selenium	77-2	-1.33	-1.33	-1.33	-1.33		ppb
Selenium	78-2	-0.90	-1.41	-0.42	-0.91		ppb
Silicon	28-1	-11.59	-22.34	-11.45	-15.13		ppb
Silver	107-1	-0.01	0.00	0.01	0.00	564.17	ppb
Silver	109-1	0.00	0.00	0.01	0.00	107.41	ppb
Sodium	23-2	32.24	31.72	27.21	30.39	9.12	ppb
Strontium	86-1	0.21	-0.05	0.07	0.08	168.14	ppb
Strontium	88-1	0.02	0.01	0.01	0.02	39.33	ppb
Sulfur	34-1	1342.69	586.17	1217.18	1048.68	38.66	ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	-0.08	-0.08	-0.09	-0.08		ppb
Thallium	205-1	-0.06	-0.06	-0.06	-0.06		ppb
Tin	118-1	-0.39	-0.41	-0.41	-0.40		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-10	Instrumnet Name :	P8
Client Sample ID :	MH1F72	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:19:20	DataFile Name :	087AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.04	-0.04	0.01	0.00	1192.53	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	37.68	ppb
Vanadium	51-2	0.00	-0.01	-0.01	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				103		%
Zinc	66-2	0.42	0.29	0.24	0.32	30.02	ppb
Zirconium	90-1	0.01	0.00	-0.01	0.00		ppb
Zirconium	91-1	0.03	0.02	-0.03	0.01	608.41	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-11	Instrumnet Name :	P8
Client Sample ID :	MH1F74	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:22:23	DataFile Name :	088AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24.60	24.94	25.23	24.92	1.26	ppb
Antimony	121-1	6.58	6.13	5.78	6.16	6.49	ppb
Arsenic	75-2	4.37	4.25	4.20	4.27	2.06	ppb
Barium	135-1	58.28	53.03	53.82	55.05	5.14	ppb
Barium	137-1	58.71	55.87	55.92	56.83	2.86	ppb
Beryllium	9-1	0.00	-0.02	-0.02	-0.01		ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	10-1	37.22	36.34	38.54	37.37	2.96	ppb
Boron	11-1	37.12	37.01	38.27	37.47	1.87	ppb
Bromine	81-1						cps
Cadmium	111-1	0.95	0.93	0.82	0.90	7.89	ppb
Cadmium	106-1	0.35	0.27	-0.86	-0.08		ppb
Cadmium	108-1	1.05	0.83	1.10	0.99	14.56	ppb
Calcium	43-1	148076.16	141682.24	138486.83	142748.41	3.42	ppb
Calcium	44-1	142681.91	139899.46	141093.54	141224.97	0.99	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.17	0.18	0.14	0.16	11.39	ppb
Cobalt	59-2	0.20	0.19	0.18	0.19	6.03	ppb
Copper	63-2	1.28	1.24	1.29	1.27	2.06	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				106		%
Holmium	165-2				107		%
Indium	115-1				106		%
Indium	115-2				101		%
Iron	54-2	217.04	212.21	209.77	213.01	1.74	ppb
Iron	56-2	210.80	209.08	213.29	211.06	1.00	ppb
Iron	57-2	315.52	305.22	315.32	312.02	1.89	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-11	Instrumnet Name :	P8
Client Sample ID :	MH1F74	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:22:23	DataFile Name :	088AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	15.17	14.37	14.44	14.66	3.01	ppb
Lead	207-1	15.59	15.14	14.35	15.03	4.17	ppb
Lead	208-1	15.47	15.11	14.38	14.98	3.71	ppb
Lithium	6-1				113		%
Magnesium	24-2	33173.35	33672.84	33314.00	33386.73	0.77	ppb
Manganese	55-2	141.85	140.95	137.58	140.13	1.61	ppb
Molybdenum	94-1	1.10	1.04	1.18	1.11	6.31	ppb
Molybdenum	95-1	1.36	1.35	1.27	1.33	3.85	ppb
Molybdenum	96-1	1.32	1.32	1.25	1.30	3.14	ppb
Molybdenum	97-1	1.39	1.16	1.48	1.34	12.15	ppb
Molybdenum	98-1	1.46	1.33	1.30	1.36	6.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.67	0.81	0.90	0.79	14.57	ppb
Phosphorus	31-2	-36.89	-11.36	-25.89	-24.72		ppb
Potassium	39-2	2236.88	2280.28	2234.02	2250.39	1.15	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				108		%
Scandium	45-2				108		%
Selenium	82-1	-1.57	-0.10	0.36	-0.44		ppb
Selenium	77-2	-0.09	1.13	1.17	0.74	96.70	ppb
Selenium	78-2	-0.59	1.58	-0.01	0.33	343.32	ppb
Silicon	28-1	6764.35	6660.07	6482.20	6635.54	2.15	ppb
Silver	107-1	0.04	0.04	0.03	0.04	12.85	ppb
Silver	109-1	0.05	0.04	0.03	0.04	25.43	ppb
Sodium	23-2	113738.05	112108.40	114035.61	113294.02	0.92	ppb
Strontium	86-1	680.45	645.26	655.47	660.39	2.74	ppb
Strontium	88-1	675.16	636.75	657.23	656.38	2.93	ppb
Sulfur	34-1	52336.88	52938.73	49456.28	51577.29	3.61	ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	0.01	-0.02	-0.03	-0.01		ppb
Thallium	205-1	0.01	0.01	0.00	0.01	49.42	ppb
Tin	118-1	-0.28	-0.34	-0.26	-0.29		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-11	Instrumnet Name :	P8
Client Sample ID :	MH1F74	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:22:23	DataFile Name :	088AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.00	0.92	0.97	0.96	4.20	ppb
Uranium	238-1	1.88	1.77	1.72	1.79	4.44	ppb
Vanadium	51-2	0.22	0.28	0.26	0.25	11.03	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				106		%
Zinc	66-2	318.20	312.55	320.41	317.05	1.28	ppb
Zirconium	90-1	0.02	0.02	0.03	0.02	16.07	ppb
Zirconium	91-1	0.01	0.02	0.01	0.01	41.76	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-12	Instrumnet Name :	P8
Client Sample ID :	MH1F76	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:25:21	DataFile Name :	089AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	105.30	107.61	105.59	106.17	1.18	ppb
Antimony	121-1	6.39	6.13	6.30	6.27	2.10	ppb
Arsenic	75-2	5.71	5.97	5.95	5.88	2.48	ppb
Barium	135-1	57.42	56.24	59.56	57.74	2.92	ppb
Barium	137-1	57.78	57.65	58.62	58.02	0.91	ppb
Beryllium	9-1	-0.04	-0.02	-0.03	-0.03		ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Boron	10-1	37.47	42.21	38.66	39.45	6.25	ppb
Boron	11-1	37.58	42.02	41.03	40.21	5.80	ppb
Bromine	81-1						cps
Cadmium	111-1	1.04	1.23	1.27	1.18	10.48	ppb
Cadmium	106-1	0.23	2.83	0.97	1.34	99.84	ppb
Cadmium	108-1	0.92	0.64	0.53	0.70	29.19	ppb
Calcium	43-1	125125.15	131106.04	127075.75	127768.98	2.39	ppb
Calcium	44-1	128477.31	132398.99	128704.43	129860.24	1.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.21	0.19	0.19	0.20	6.55	ppb
Cobalt	59-2	0.30	0.38	0.35	0.34	11.88	ppb
Copper	63-2	3.05	3.00	2.96	3.00	1.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				103		%
Indium	115-1				107		%
Indium	115-2				100		%
Iron	54-2	404.24	796.69	416.73	539.22	41.37	ppb
Iron	56-2	414.15	407.71	421.15	414.34	1.62	ppb
Iron	57-2	493.90	467.94	479.96	480.60	2.70	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-12	Instrumnet Name :	P8
Client Sample ID :	MH1F76	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:25:21	DataFile Name :	089AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	38.46	38.79	40.51	39.25	2.80	ppb
Lead	207-1	39.46	40.73	41.12	40.44	2.14	ppb
Lead	208-1	39.12	40.23	40.93	40.09	2.27	ppb
Lithium	6-1				117		%
Magnesium	24-2	30352.64	30369.11	30009.70	30243.82	0.67	ppb
Manganese	55-2	295.02	293.99	290.33	293.11	0.84	ppb
Molybdenum	94-1	1.45	1.21	1.33	1.33	8.90	ppb
Molybdenum	95-1	1.41	1.41	1.42	1.41	0.35	ppb
Molybdenum	96-1	1.30	1.26	1.33	1.30	2.44	ppb
Molybdenum	97-1	1.44	1.33	1.40	1.39	3.77	ppb
Molybdenum	98-1	1.31	1.35	1.40	1.35	3.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.14	1.16	1.12	1.14	1.83	ppb
Phosphorus	31-2	37.63	33.15	8.32	26.36	59.88	ppb
Potassium	39-2	2428.08	2422.41	2548.97	2466.49	2.90	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				107		%
Scandium	45-2				106		%
Selenium	82-1	-0.33	-0.22	0.86	0.10	638.78	ppb
Selenium	77-2	6.08	1.19	4.96	4.08	62.78	ppb
Selenium	78-2	-0.44	-0.86	-0.65	-0.65		ppb
Silicon	28-1	6987.90	7340.68	7149.06	7159.22	2.47	ppb
Silver	107-1	0.13	0.15	0.13	0.14	10.72	ppb
Silver	109-1	0.13	0.12	0.13	0.13	4.21	ppb
Sodium	23-2	109950.18	110370.51	110126.60	110149.10	0.19	ppb
Strontium	86-1	590.42	582.02	564.23	578.89	2.31	ppb
Strontium	88-1	574.03	566.78	568.21	569.67	0.67	ppb
Sulfur	34-1	47333.87	52259.35	50990.44	50194.56	5.09	ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.00	-0.01	0.00	0.00		ppb
Thallium	205-1	0.00	0.01	0.01	0.01	77.30	ppb
Tin	118-1	-0.35	-0.39	-0.34	-0.36		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-12	Instrumnet Name :	P8
Client Sample ID :	MH1F76	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:25:21	DataFile Name :	089AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.32	2.69	2.93	2.65	11.65	ppb
Uranium	238-1	1.56	1.64	1.65	1.62	3.02	ppb
Vanadium	51-2	0.57	0.57	0.51	0.55	6.57	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				105		%
Zinc	66-2	352.98	349.65	346.30	349.64	0.95	ppb
Zirconium	90-1	0.08	0.12	0.09	0.10	22.32	ppb
Zirconium	91-1	0.04	0.05	0.05	0.05	16.32	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-13	Instrumnet Name :	P8
Client Sample ID :	MH1F78	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:28:16	DataFile Name :	090AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	96.91	99.38	98.24	98.18	1.26	ppb
Antimony	121-1	5.83	6.17	6.03	6.01	2.83	ppb
Arsenic	75-2	6.29	5.42	5.65	5.79	7.77	ppb
Barium	135-1	51.96	55.34	52.65	53.32	3.34	ppb
Barium	137-1	53.82	56.87	54.00	54.90	3.12	ppb
Beryllium	9-1	-0.03	-0.01	-0.03	-0.02		ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Boron	10-1	36.16	37.52	38.21	37.29	2.80	ppb
Boron	11-1	35.65	38.92	39.27	37.95	5.27	ppb
Bromine	81-1						cps
Cadmium	111-1	0.83	1.02	1.10	0.98	14.40	ppb
Cadmium	106-1	-1.60	-0.11	1.87	0.05	3350.71	ppb
Cadmium	108-1	0.90	0.53	0.66	0.69	27.40	ppb
Calcium	43-1	118945.10	125901.98	125403.66	123416.91	3.14	ppb
Calcium	44-1	119836.77	125936.98	124773.49	123515.74	2.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.28	0.28	0.26	0.27	3.80	ppb
Cobalt	59-2	0.35	0.33	0.32	0.33	4.93	ppb
Copper	63-2	2.87	2.61	2.78	2.75	4.76	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				108		%
Holmium	165-2				105		%
Indium	115-1				110		%
Indium	115-2				101		%
Iron	54-2	424.62	406.09	413.43	414.71	2.25	ppb
Iron	56-2	419.52	417.22	413.55	416.77	0.72	ppb
Iron	57-2	514.95	487.36	505.27	502.53	2.79	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-13	Instrumnet Name :	P8
Client Sample ID :	MH1F78	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:28:16	DataFile Name :	090AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	37.74	37.78	36.13	37.22	2.53	ppb
Lead	207-1	38.27	38.40	36.73	37.80	2.46	ppb
Lead	208-1	38.03	38.24	37.02	37.76	1.73	ppb
Lithium	6-1				119		%
Magnesium	24-2	30223.60	28295.14	29097.94	29205.56	3.32	ppb
Manganese	55-2	268.60	269.70	269.44	269.25	0.21	ppb
Molybdenum	94-1	1.31	1.13	1.17	1.20	7.68	ppb
Molybdenum	95-1	1.31	1.30	1.40	1.34	4.17	ppb
Molybdenum	96-1	1.21	1.23	1.22	1.22	0.80	ppb
Molybdenum	97-1	1.26	1.09	1.33	1.23	9.95	ppb
Molybdenum	98-1	1.35	1.21	1.18	1.25	7.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.09	0.98	1.03	1.03	5.60	ppb
Phosphorus	31-2	11.38	14.23	3.48	9.70	57.41	ppb
Potassium	39-2	2359.08	2311.00	2440.43	2370.17	2.76	ppb
Rhodium	103-1				106		%
Rhodium	103-2				105		%
Scandium	45-1				109		%
Scandium	45-2				107		%
Selenium	82-1	0.44	-0.77	0.37	0.01	4661.61	ppb
Selenium	77-2	3.79	1.16	-1.33	1.20	212.72	ppb
Selenium	78-2	0.41	-0.38	1.82	0.62	181.30	ppb
Silicon	28-1	6690.71	6478.13	6723.24	6630.69	2.01	ppb
Silver	107-1	0.11	0.14	0.15	0.13	16.53	ppb
Silver	109-1	0.13	0.12	0.15	0.14	12.48	ppb
Sodium	23-2	104659.17	103444.26	105298.57	104467.33	0.90	ppb
Strontium	86-1	565.22	550.13	566.22	560.52	1.61	ppb
Strontium	88-1	560.75	555.67	551.27	555.89	0.85	ppb
Sulfur	34-1	46734.86	45621.30	47434.71	46596.96	1.96	ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	-0.02	0.01	-0.04	-0.02		ppb
Thallium	205-1	0.02	-0.01	0.01	0.01	155.57	ppb
Tin	118-1	-0.44	-0.39	-0.44	-0.42		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-13	Instrumnet Name :	P8
Client Sample ID :	MH1F78	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:28:16	DataFile Name :	090AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.34	4.04	2.17	2.85	36.19	ppb
Uranium	238-1	1.53	1.53	1.50	1.52	0.95	ppb
Vanadium	51-2	0.52	0.54	0.52	0.53	2.32	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				103		%
Zinc	66-2	345.87	343.04	341.62	343.51	0.63	ppb
Zirconium	90-1	0.05	0.06	0.07	0.06	9.60	ppb
Zirconium	91-1	0.07	0.06	0.08	0.07	11.54	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-14	Instrumnet Name :	P8
Client Sample ID :	MH1F80	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:31:15	DataFile Name :	091AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.63	13.90	13.17	13.23	4.82	ppb
Antimony	121-1	7.44	6.87	6.77	7.03	5.16	ppb
Arsenic	75-2	4.02	3.97	3.66	3.88	5.02	ppb
Barium	135-1	56.10	51.75	51.87	53.24	4.66	ppb
Barium	137-1	57.67	53.24	52.19	54.37	5.35	ppb
Beryllium	9-1	-0.01	-0.03	-0.02	-0.02		ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Boron	10-1	44.75	41.56	40.98	42.43	4.78	ppb
Boron	11-1	46.13	43.02	41.36	43.50	5.56	ppb
Bromine	81-1						cps
Cadmium	111-1	2.05	2.22	2.16	2.15	3.92	ppb
Cadmium	106-1	0.47	0.79	-0.06	0.40	107.27	ppb
Cadmium	108-1	2.67	1.65	2.16	2.16	23.54	ppb
Calcium	43-1	161204.65	144732.93	147733.16	151223.58	5.80	ppb
Calcium	44-1	162136.50	147145.56	141382.12	150221.40	7.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.23	0.22	0.26	0.24	8.09	ppb
Cobalt	59-2	0.11	0.12	0.12	0.12	8.46	ppb
Copper	63-2	1.46	1.62	1.52	1.53	5.07	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				100		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	54-2	115.58	115.96	118.36	116.64	1.29	ppb
Iron	56-2	121.13	116.20	120.18	119.17	2.19	ppb
Iron	57-2	210.94	212.05	226.47	216.49	4.00	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-14	Instrumnet Name :	P8
Client Sample ID :	MH1F80	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:31:15	DataFile Name :	091AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	8.94	7.90	7.47	8.10	9.34	ppb
Lead	207-1	9.29	8.20	7.43	8.31	11.19	ppb
Lead	208-1	9.20	8.14	7.62	8.32	9.70	ppb
Lithium	6-1				111		%
Magnesium	24-2	34807.79	34473.00	33921.75	34400.85	1.30	ppb
Manganese	55-2	70.66	70.61	69.91	70.40	0.60	ppb
Molybdenum	94-1	1.11	1.18	0.96	1.08	10.46	ppb
Molybdenum	95-1	1.51	1.31	1.19	1.34	12.20	ppb
Molybdenum	96-1	1.35	1.22	1.23	1.27	5.91	ppb
Molybdenum	97-1	1.40	1.26	1.16	1.27	9.49	ppb
Molybdenum	98-1	1.39	1.25	1.14	1.26	10.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.86	0.86	0.81	0.84	3.61	ppb
Phosphorus	31-2	20.17	-11.00	-17.60	-2.81		ppb
Potassium	39-2	2364.94	2298.13	2322.41	2328.49	1.45	ppb
Rhodium	103-1				97		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				106		%
Selenium	82-1	1.18	0.49	-0.63	0.35	260.83	ppb
Selenium	77-2	-0.03	-0.07	2.52	0.81	184.34	ppb
Selenium	78-2	-1.61	-0.62	0.44	-0.59		ppb
Silicon	28-1	7481.64	6654.86	6914.66	7017.05	6.03	ppb
Silver	107-1	0.05	0.03	0.02	0.03	43.63	ppb
Silver	109-1	0.05	0.03	0.03	0.04	28.99	ppb
Sodium	23-2	120077.08	114562.01	117013.14	117217.41	2.36	ppb
Strontium	86-1	743.64	703.65	660.28	702.52	5.93	ppb
Strontium	88-1	743.39	675.56	640.16	686.37	7.64	ppb
Sulfur	34-1	62521.17	55852.30	56800.89	58391.46	6.18	ppb
Terbium	159-1				99		%
Terbium	159-2				103		%
Thallium	203-1	0.07	0.04	0.01	0.04	70.73	ppb
Thallium	205-1	0.09	0.05	0.07	0.07	29.56	ppb
Tin	118-1	-0.19	-0.26	-0.22	-0.22		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-14	Instrumnet Name :	P8
Client Sample ID :	MH1F80	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:31:15	DataFile Name :	091AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.84	0.62	0.52	0.66	25.27	ppb
Uranium	238-1	2.04	1.81	1.69	1.85	9.48	ppb
Vanadium	51-2	0.18	0.21	0.27	0.22	19.99	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				103		%
Zinc	66-2	461.53	456.38	469.32	462.41	1.41	ppb
Zirconium	90-1	0.02	0.01	0.03	0.02	35.28	ppb
Zirconium	91-1	0.03	-0.01	0.03	0.02	127.41	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-15	Instrumnet Name :	P8
Client Sample ID :	MH1F82	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:34:11	DataFile Name :	092AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.29	10.23	9.55	10.02	4.11	ppb
Antimony	121-1	7.98	8.22	7.98	8.06	1.68	ppb
Arsenic	75-2	3.95	4.11	3.91	3.99	2.72	ppb
Barium	135-1	49.60	51.33	49.85	50.26	1.86	ppb
Barium	137-1	48.31	50.74	50.61	49.89	2.74	ppb
Beryllium	9-1	-0.02	-0.04	-0.02	-0.03		ppb
Bismuth	209-1				103		%
Bismuth	209-2				97		%
Boron	10-1	36.57	37.44	40.87	38.30	5.93	ppb
Boron	11-1	38.35	40.96	41.91	40.41	4.56	ppb
Bromine	81-1						cps
Cadmium	111-1	5.35	5.00	5.41	5.26	4.20	ppb
Cadmium	106-1	8.08	1.80	6.98	5.62	59.69	ppb
Cadmium	108-1	5.78	4.67	4.72	5.06	12.41	ppb
Calcium	43-1	148389.98	152450.11	168874.30	156571.46	6.93	ppb
Calcium	44-1	148766.84	156963.09	160301.01	155343.65	3.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.21	0.18	0.14	0.18	18.73	ppb
Cobalt	59-2	0.46	0.43	0.44	0.44	3.19	ppb
Copper	63-2	3.04	2.82	2.93	2.93	3.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				102		%
Indium	115-1				109		%
Indium	115-2				100		%
Iron	54-2	74.57	66.67	75.28	72.17	6.62	ppb
Iron	56-2	74.85	75.57	69.24	73.22	4.74	ppb
Iron	57-2	183.92	189.12	199.87	190.97	4.26	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-15	Instrumnet Name :	P8
Client Sample ID :	MH1F82	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:34:11	DataFile Name :	092AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	5.95	6.60	6.79	6.45	6.86	ppb
Lead	207-1	6.10	6.48	6.44	6.34	3.24	ppb
Lead	208-1	6.04	6.51	6.65	6.40	4.99	ppb
Lithium	6-1				119		%
Magnesium	24-2	40604.50	39012.80	38642.31	39419.87	2.64	ppb
Manganese	55-2	62.74	62.66	61.54	62.31	1.08	ppb
Molybdenum	94-1	1.36	1.37	1.30	1.34	2.92	ppb
Molybdenum	95-1	1.34	1.41	1.42	1.39	3.20	ppb
Molybdenum	96-1	1.31	1.26	1.35	1.30	3.57	ppb
Molybdenum	97-1	1.34	1.48	1.51	1.44	6.31	ppb
Molybdenum	98-1	1.40	1.34	1.37	1.37	2.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.56	1.42	1.51	1.50	4.67	ppb
Phosphorus	31-2	-35.76	-6.11	-10.45	-17.44		ppb
Potassium	39-2	2913.68	2819.56	2798.07	2843.77	2.16	ppb
Rhodium	103-1				105		%
Rhodium	103-2				102		%
Scandium	45-1				110		%
Scandium	45-2				105		%
Selenium	82-1	-1.47	0.91	0.17	-0.13		ppb
Selenium	77-2	1.19	-0.06	1.31	0.81	93.70	ppb
Selenium	78-2	-0.53	-2.21	0.19	-0.85		ppb
Silicon	28-1	6042.98	6233.84	6513.18	6263.33	3.78	ppb
Silver	107-1	0.03	0.05	0.03	0.04	23.04	ppb
Silver	109-1	0.04	0.04	0.05	0.04	6.36	ppb
Sodium	23-2	147966.40	140432.63	138474.64	142291.22	3.52	ppb
Strontium	86-1	737.48	727.15	737.81	734.15	0.83	ppb
Strontium	88-1	725.58	733.91	754.06	737.85	1.98	ppb
Sulfur	34-1	53717.25	54088.13	60446.15	56083.84	6.74	ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	0.08	0.10	0.07	0.08	21.74	ppb
Thallium	205-1	0.11	0.08	0.10	0.10	11.63	ppb
Tin	118-1	-0.44	-0.43	-0.43	-0.43		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-15	Instrumnet Name :	P8
Client Sample ID :	MH1F82	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:34:11	DataFile Name :	092AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.45	0.44	0.62	0.50	20.01	ppb
Uranium	238-1	2.17	2.37	2.33	2.29	4.43	ppb
Vanadium	51-2	0.17	0.19	0.24	0.20	17.19	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				103		%
Zinc	66-2	778.92	771.26	740.33	763.50	2.68	ppb
Zirconium	90-1	0.02	0.03	0.04	0.03	32.46	ppb
Zirconium	91-1	0.03	0.02	0.05	0.03	53.70	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-16	Instrumnet Name :	P8
Client Sample ID :	MH1F84	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:37:08	DataFile Name :	093AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.76	8.72	9.78	9.42	6.43	ppb
Antimony	121-1	16.07	16.21	16.54	16.27	1.47	ppb
Arsenic	75-2	5.88	5.69	6.26	5.94	4.89	ppb
Barium	135-1	46.06	47.02	47.60	46.89	1.66	ppb
Barium	137-1	47.99	49.02	47.78	48.26	1.37	ppb
Beryllium	9-1	-0.03	-0.02	-0.03	-0.03		ppb
Bismuth	209-1				103		%
Bismuth	209-2				94		%
Boron	10-1	40.91	43.90	44.96	43.25	4.86	ppb
Boron	11-1	41.06	44.70	47.01	44.26	6.78	ppb
Bromine	81-1						cps
Cadmium	111-1	6.23	6.07	6.05	6.12	1.60	ppb
Cadmium	106-1	6.51	7.08	4.16	5.92	26.15	ppb
Cadmium	108-1	5.33	6.22	4.72	5.42	13.88	ppb
Calcium	43-1	165237.18	170626.63	176753.02	170872.28	3.37	ppb
Calcium	44-1	170280.36	176538.67	176768.17	174529.07	2.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.07	0.12	0.08	0.09	30.65	ppb
Cobalt	59-2	0.20	0.17	0.16	0.18	9.71	ppb
Copper	63-2	3.09	3.05	3.13	3.09	1.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				99		%
Indium	115-1				105		%
Indium	115-2				96		%
Iron	54-2	52.12	45.70	53.74	50.52	8.42	ppb
Iron	56-2	50.56	51.44	49.71	50.57	1.71	ppb
Iron	57-2	174.11	180.65	190.31	181.69	4.49	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-16	Instrumnet Name :	P8
Client Sample ID :	MH1F84	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:37:08	DataFile Name :	093AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	9.64	8.69	9.10	9.14	5.25	ppb
Lead	207-1	9.34	9.20	8.98	9.17	1.96	ppb
Lead	208-1	9.43	9.01	9.22	9.22	2.29	ppb
Lithium	6-1				118		%
Magnesium	24-2	42279.39	42531.72	43563.77	42791.63	1.59	ppb
Manganese	55-2	50.17	49.79	50.26	50.07	0.50	ppb
Molybdenum	94-1	1.23	1.14	1.27	1.21	5.28	ppb
Molybdenum	95-1	1.34	1.39	1.35	1.36	1.79	ppb
Molybdenum	96-1	1.23	1.33	1.28	1.28	3.60	ppb
Molybdenum	97-1	1.43	1.55	1.39	1.45	5.84	ppb
Molybdenum	98-1	1.29	1.28	1.39	1.32	4.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.34	1.45	1.29	1.36	5.90	ppb
Phosphorus	31-2	-24.85	2.24	-11.67	-11.43		ppb
Potassium	39-2	2678.92	2659.71	2871.84	2736.82	4.29	ppb
Rhodium	103-1				103		%
Rhodium	103-2				99		%
Scandium	45-1				109		%
Scandium	45-2				104		%
Selenium	82-1	-0.65	0.38	0.69	0.14	500.21	ppb
Selenium	77-2	2.44	-1.33	-1.33	-0.08		ppb
Selenium	78-2	-0.09	-0.56	-0.71	-0.45		ppb
Silicon	28-1	7480.23	7739.22	8075.29	7764.91	3.84	ppb
Silver	107-1	0.04	0.04	0.06	0.05	15.82	ppb
Silver	109-1	0.06	0.06	0.07	0.06	9.79	ppb
Sodium	23-2	149645.73	151448.55	158398.62	153164.30	3.02	ppb
Strontium	86-1	843.00	903.35	861.61	869.32	3.56	ppb
Strontium	88-1	824.07	877.51	843.96	848.52	3.18	ppb
Sulfur	34-1	63370.72	67662.29	70583.50	67205.50	5.40	ppb
Terbium	159-1				105		%
Terbium	159-2				100		%
Thallium	203-1	0.18	0.16	0.16	0.17	6.89	ppb
Thallium	205-1	0.19	0.23	0.19	0.20	11.83	ppb
Tin	118-1	-0.45	-0.42	-0.38	-0.42		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-16	Instrumnet Name :	P8
Client Sample ID :	MH1F84	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:37:08	DataFile Name :	093AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.59	0.71	0.69	0.67	9.51	ppb
Uranium	238-1	2.55	2.56	2.47	2.53	1.98	ppb
Vanadium	51-2	0.14	0.15	0.18	0.16	13.12	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				102		%
Zinc	66-2	1769.94	1791.63	1845.57	1802.38	2.16	ppb
Zirconium	90-1	0.03	0.03	0.05	0.03	30.20	ppb
Zirconium	91-1	0.08	0.01	0.05	0.05	75.51	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-17	Instrumnet Name :	P8
Client Sample ID :	MH1F86	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:40:04	DataFile Name :	094AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52.10	42.66	44.36	46.37	10.85	ppb
Antimony	121-1	18.92	19.43	18.46	18.94	2.56	ppb
Arsenic	75-2	6.79	6.71	7.25	6.92	4.20	ppb
Barium	135-1	45.97	47.35	49.25	47.52	3.46	ppb
Barium	137-1	49.46	47.73	49.13	48.77	1.89	ppb
Beryllium	9-1	-0.03	-0.03	-0.02	-0.02		ppb
Bismuth	209-1				100		%
Bismuth	209-2				96		%
Boron	10-1	40.72	44.99	42.96	42.89	4.97	ppb
Boron	11-1	42.61	45.84	46.64	45.03	4.74	ppb
Bromine	81-1						cps
Cadmium	111-1	8.23	7.79	8.28	8.10	3.31	ppb
Cadmium	106-1	6.99	7.50	3.45	5.98	36.94	ppb
Cadmium	108-1	7.88	8.71	7.39	8.00	8.37	ppb
Calcium	43-1	178961.06	170661.66	182234.11	177285.61	3.36	ppb
Calcium	44-1	176649.50	174094.25	178263.93	176335.90	1.19	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.17	0.22	0.24	0.21	18.51	ppb
Cobalt	59-2	0.31	0.26	0.31	0.29	9.87	ppb
Copper	63-2	6.57	6.74	6.69	6.66	1.31	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				104		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	54-2	132.86	126.22	132.09	130.39	2.78	ppb
Iron	56-2	132.12	134.25	136.93	134.43	1.79	ppb
Iron	57-2	252.89	255.23	254.37	254.16	0.47	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-17	Instrumnet Name :	P8
Client Sample ID :	MH1F86	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:40:04	DataFile Name :	094AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	49.62	50.13	49.39	49.71	0.75	ppb
Lead	207-1	52.61	52.05	50.58	51.75	2.02	ppb
Lead	208-1	51.68	50.83	50.60	51.04	1.12	ppb
Lithium	6-1				117		%
Magnesium	24-2	42960.01	44173.99	43260.70	43464.90	1.45	ppb
Manganese	55-2	90.99	89.73	90.89	90.53	0.77	ppb
Molybdenum	94-1	1.38	1.34	1.21	1.31	6.68	ppb
Molybdenum	95-1	1.34	1.43	1.45	1.41	4.30	ppb
Molybdenum	96-1	1.37	1.20	1.19	1.25	7.96	ppb
Molybdenum	97-1	1.54	1.45	1.29	1.43	8.66	ppb
Molybdenum	98-1	1.33	1.39	1.30	1.34	3.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.22	2.09	2.07	2.13	3.91	ppb
Phosphorus	31-2	22.26	-39.87	7.93	-3.23		ppb
Potassium	39-2	2700.22	2781.42	2741.12	2740.92	1.48	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				106		%
Scandium	45-2				106		%
Selenium	82-1	0.32	0.48	0.17	0.33	47.51	ppb
Selenium	77-2	2.37	-0.06	-0.07	0.75	188.61	ppb
Selenium	78-2	0.12	-0.23	-1.30	-0.47		ppb
Silicon	28-1	7924.94	7719.97	7929.22	7858.05	1.52	ppb
Silver	107-1	0.15	0.19	0.21	0.18	15.13	ppb
Silver	109-1	0.19	0.19	0.19	0.19	0.90	ppb
Sodium	23-2	155742.26	154786.05	152464.24	154330.85	1.09	ppb
Strontium	86-1	854.41	890.41	865.05	869.96	2.13	ppb
Strontium	88-1	855.98	851.80	857.63	855.14	0.35	ppb
Sulfur	34-1	71626.86	66512.74	68605.87	68915.16	3.73	ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	0.22	0.24	0.29	0.25	13.69	ppb
Thallium	205-1	0.26	0.22	0.21	0.23	12.08	ppb
Tin	118-1	-0.29	-0.30	-0.20	-0.27		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-17	Instrumnet Name :	P8
Client Sample ID :	MH1F86	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:40:04	DataFile Name :	094AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.66	1.96	1.57	1.73	11.94	ppb
Uranium	238-1	2.55	2.56	2.58	2.56	0.61	ppb
Vanadium	51-2	0.19	0.23	0.22	0.21	10.26	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				105		%
Zinc	66-2	2293.74	2334.61	2312.68	2313.68	0.88	ppb
Zirconium	90-1	0.06	0.08	0.05	0.06	19.14	ppb
Zirconium	91-1	0.10	0.09	0.05	0.08	29.80	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-18	Instrumnet Name :	P8
Client Sample ID :	MH1F88	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:43:02	DataFile Name :	095AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	83.41	84.00	79.98	82.46	2.63	ppb
Antimony	121-1	18.87	19.71	19.41	19.33	2.21	ppb
Arsenic	75-2	11.60	10.91	11.08	11.20	3.20	ppb
Barium	135-1	51.49	55.21	50.73	52.48	4.57	ppb
Barium	137-1	51.37	53.44	51.76	52.19	2.10	ppb
Beryllium	9-1	-0.02	-0.03	-0.02	-0.03		ppb
Bismuth	209-1				105		%
Bismuth	209-2				97		%
Boron	10-1	60.55	63.65	61.72	61.98	2.52	ppb
Boron	11-1	63.62	64.27	62.65	63.51	1.28	ppb
Bromine	81-1						cps
Cadmium	111-1	6.99	6.92	6.82	6.91	1.22	ppb
Cadmium	106-1	7.26	4.01	5.54	5.60	29.03	ppb
Cadmium	108-1	7.60	8.01	4.76	6.79	26.05	ppb
Calcium	43-1	151604.69	161379.17	163143.31	158709.05	3.92	ppb
Calcium	44-1	154279.66	164201.32	155693.61	158058.19	3.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.44	0.36	0.39	0.40	9.44	ppb
Cobalt	59-2	0.36	0.35	0.34	0.35	2.96	ppb
Copper	63-2	15.10	15.93	15.49	15.51	2.67	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				107		%
Holmium	165-2				103		%
Indium	115-1				107		%
Indium	115-2				100		%
Iron	54-2	324.01	325.14	340.44	329.86	2.78	ppb
Iron	56-2	324.47	325.95	327.98	326.13	0.54	ppb
Iron	57-2	430.15	466.20	429.67	442.01	4.74	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-18	Instrumnet Name :	P8
Client Sample ID :	MH1F88	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:43:02	DataFile Name :	095AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	177.60	178.23	186.10	180.64	2.62	ppb
Lead	207-1	183.11	185.76	184.27	184.38	0.72	ppb
Lead	208-1	184.52	183.64	186.55	184.90	0.81	ppb
Lithium	6-1				120		%
Magnesium	24-2	38315.54	41495.73	40591.90	40134.39	4.08	ppb
Manganese	55-2	95.01	98.22	94.64	95.96	2.05	ppb
Molybdenum	94-1	1.24	1.21	1.20	1.21	1.50	ppb
Molybdenum	95-1	1.21	1.24	1.24	1.23	1.50	ppb
Molybdenum	96-1	1.13	1.09	1.30	1.17	9.40	ppb
Molybdenum	97-1	1.28	1.17	1.06	1.17	9.41	ppb
Molybdenum	98-1	1.16	1.30	1.19	1.22	6.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.58	1.65	1.57	1.60	2.93	ppb
Phosphorus	31-2	12.86	49.35	37.09	33.10	56.11	ppb
Potassium	39-2	5304.30	5508.03	5399.20	5403.84	1.89	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				111		%
Scandium	45-2				107		%
Selenium	82-1	-0.24	1.60	-0.87	0.16	789.34	ppb
Selenium	77-2	1.16	-1.33	-0.10	-0.09		ppb
Selenium	78-2	-0.15	-0.99	-0.07	-0.40		ppb
Silicon	28-1	7290.42	7407.45	7693.77	7463.88	2.78	ppb
Silver	107-1	0.91	0.95	0.95	0.94	2.14	ppb
Silver	109-1	0.97	1.05	1.05	1.03	4.39	ppb
Sodium	23-2	175096.60	184811.56	182624.35	180844.17	2.82	ppb
Strontium	86-1	773.33	769.95	797.75	780.34	1.94	ppb
Strontium	88-1	763.54	751.70	770.94	762.06	1.27	ppb
Sulfur	34-1	57229.53	56940.96	58770.02	57646.84	1.71	ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	0.17	0.22	0.22	0.20	13.93	ppb
Thallium	205-1	0.18	0.23	0.23	0.21	12.42	ppb
Tin	118-1	-0.22	-0.25	-0.28	-0.25		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-18	Instrumnet Name :	P8
Client Sample ID :	MH1F88	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:43:02	DataFile Name :	095AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.18	1.83	2.21	2.07	10.06	ppb
Uranium	238-1	2.21	2.24	2.28	2.24	1.52	ppb
Vanadium	51-2	0.34	0.36	0.42	0.37	11.24	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				106		%
Zinc	66-2	1822.68	1855.48	1815.33	1831.16	1.17	ppb
Zirconium	90-1	0.06	0.09	0.08	0.08	17.26	ppb
Zirconium	91-1	0.10	0.13	0.09	0.11	18.90	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-19	Instrumnet Name :	P8
Client Sample ID :	MH1F88D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:45:57	DataFile Name :	096AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	84.28	83.04	82.72	83.35	0.99	ppb
Antimony	121-1	21.61	19.93	19.55	20.37	5.39	ppb
Arsenic	75-2	10.89	11.09	11.49	11.16	2.74	ppb
Barium	135-1	55.44	51.45	51.28	52.72	4.46	ppb
Barium	137-1	58.93	55.96	51.65	55.51	6.59	ppb
Beryllium	9-1	0.00	-0.03	-0.03	-0.02		ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Boron	10-1	66.01	67.58	63.50	65.70	3.13	ppb
Boron	11-1	70.24	69.95	64.06	68.08	5.12	ppb
Bromine	81-1						cps
Cadmium	111-1	7.98	7.51	7.41	7.64	3.95	ppb
Cadmium	106-1	8.76	7.88	6.85	7.83	12.24	ppb
Cadmium	108-1	7.92	7.71	6.16	7.27	13.21	ppb
Calcium	43-1	170943.07	163813.63	161363.02	165373.24	3.01	ppb
Calcium	44-1	174823.54	163369.62	155376.36	164523.17	5.94	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.44	0.34	0.42	0.40	13.07	ppb
Cobalt	59-2	0.35	0.35	0.38	0.36	4.31	ppb
Copper	63-2	15.09	15.19	15.64	15.31	1.90	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				105		%
Indium	115-1				108		%
Indium	115-2				102		%
Iron	54-2	329.94	323.53	324.80	326.09	1.04	ppb
Iron	56-2	329.39	323.07	327.55	326.67	1.00	ppb
Iron	57-2	424.32	434.62	433.02	430.65	1.29	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-19	Instrumnet Name :	P8
Client Sample ID :	MH1F88D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:45:57	DataFile Name :	096AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	199.85	182.94	190.82	191.20	4.43	ppb
Lead	207-1	204.08	187.42	190.96	194.15	4.52	ppb
Lead	208-1	203.57	187.63	192.40	194.53	4.21	ppb
Lithium	6-1				119		%
Magnesium	24-2	40167.99	38939.56	40773.31	39960.29	2.34	ppb
Manganese	55-2	96.24	94.03	97.32	95.86	1.75	ppb
Molybdenum	94-1	1.35	1.14	1.21	1.24	8.41	ppb
Molybdenum	95-1	1.25	1.15	1.31	1.24	6.23	ppb
Molybdenum	96-1	1.28	1.27	1.12	1.23	7.25	ppb
Molybdenum	97-1	1.25	1.12	1.33	1.23	8.48	ppb
Molybdenum	98-1	1.39	1.28	1.32	1.33	4.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.69	1.64	1.61	1.65	2.28	ppb
Phosphorus	31-2	75.37	40.37	40.52	52.09	38.71	ppb
Potassium	39-2	5338.74	5317.25	5221.76	5292.58	1.18	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				110		%
Scandium	45-2				111		%
Selenium	82-1	0.57	-1.24	0.36	-0.10		ppb
Selenium	77-2	1.15	-0.12	1.16	0.73	101.03	ppb
Selenium	78-2	-1.21	-0.78	-0.95	-0.98		ppb
Silicon	28-1	8378.72	7648.75	7672.81	7900.09	5.25	ppb
Silver	107-1	1.17	0.93	1.09	1.06	11.85	ppb
Silver	109-1	1.12	0.99	0.89	1.00	11.42	ppb
Sodium	23-2	182928.71	177397.94	182840.38	181055.67	1.75	ppb
Strontium	86-1	808.25	784.92	802.88	798.68	1.53	ppb
Strontium	88-1	817.40	794.39	801.69	804.49	1.46	ppb
Sulfur	34-1	66041.08	58162.96	57283.49	60495.84	7.97	ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	0.22	0.27	0.24	0.24	10.34	ppb
Thallium	205-1	0.24	0.23	0.25	0.24	4.41	ppb
Tin	118-1	-0.21	-0.24	-0.25	-0.23		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-19	Instrumnet Name :	P8
Client Sample ID :	MH1F88D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:45:57	DataFile Name :	096AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.28	2.10	2.03	2.14	6.08	ppb
Uranium	238-1	2.36	2.24	2.28	2.29	2.55	ppb
Vanadium	51-2	0.42	0.39	0.40	0.40	3.63	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				107		%
Zinc	66-2	1818.23	1810.44	1818.30	1815.66	0.25	ppb
Zirconium	90-1	0.11	0.07	0.09	0.09	23.64	ppb
Zirconium	91-1	0.05	0.11	0.09	0.08	39.44	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-18LREX5	Instrumnet Name :	P8
Client Sample ID :	MH1F88L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-19 17:48:55	DataFile Name :	097AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.09	16.85	15.50	16.15	4.20	ppb
Antimony	121-1	3.69	3.76	3.78	3.74	1.30	ppb
Arsenic	75-2	2.06	2.19	2.12	2.12	3.10	ppb
Barium	135-1	10.60	9.63	10.32	10.18	4.92	ppb
Barium	137-1	10.72	10.95	10.18	10.62	3.71	ppb
Beryllium	9-1	-0.04	-0.03	-0.03	-0.03		ppb
Bismuth	209-1				107		%
Bismuth	209-2				101		%
Boron	10-1	17.73	17.54	19.41	18.23	5.66	ppb
Boron	11-1	18.60	18.66	18.57	18.61	0.25	ppb
Bromine	81-1						cps
Cadmium	111-1	1.36	1.40	1.26	1.34	5.45	ppb
Cadmium	106-1	-0.18	1.86	-0.78	0.30	459.64	ppb
Cadmium	108-1	0.87	0.76	1.55	1.06	40.40	ppb
Calcium	43-1	29713.45	29845.55	30795.23	30118.08	1.96	ppb
Calcium	44-1	30216.29	30070.90	29610.52	29965.90	1.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.22	0.11	0.11	0.15	43.60	ppb
Cobalt	59-2	0.07	0.09	0.08	0.08	15.46	ppb
Copper	63-2	3.14	3.03	3.16	3.11	2.34	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				108		%
Holmium	165-2				105		%
Indium	115-1				111		%
Indium	115-2				101		%
Iron	54-2	71.10	58.81	64.41	64.77	9.50	ppb
Iron	56-2	65.02	64.57	63.08	64.22	1.58	ppb
Iron	57-2	86.00	86.67	76.65	83.10	6.74	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-18LREX5	Instrumnet Name :	P8
Client Sample ID :	MH1F88L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-19 17:48:55	DataFile Name :	097AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	35.20	35.34	33.49	34.68	2.97	ppb
Lead	207-1	35.59	36.20	34.14	35.31	3.01	ppb
Lead	208-1	36.41	35.84	35.00	35.75	1.98	ppb
Lithium	6-1				126		%
Magnesium	24-2	8137.21	7867.66	7762.73	7922.54	2.44	ppb
Manganese	55-2	19.17	18.29	18.58	18.68	2.40	ppb
Molybdenum	94-1	0.24	0.31	0.30	0.28	13.22	ppb
Molybdenum	95-1	0.30	0.29	0.23	0.27	14.25	ppb
Molybdenum	96-1	0.24	0.22	0.26	0.24	9.06	ppb
Molybdenum	97-1	0.21	0.27	0.21	0.23	12.76	ppb
Molybdenum	98-1	0.27	0.30	0.25	0.27	8.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.23	0.35	0.25	0.28	22.90	ppb
Phosphorus	31-2	10.44	-30.78	-23.81	-14.72		ppb
Potassium	39-2	1067.03	1006.35	1010.77	1028.05	3.29	ppb
Rhodium	103-1				108		%
Rhodium	103-2				106		%
Scandium	45-1				113		%
Scandium	45-2				110		%
Selenium	82-1	-1.48	-0.80	0.55	-0.58		ppb
Selenium	77-2	2.43	-1.33	-1.33	-0.08		ppb
Selenium	78-2	-0.45	-1.65	-0.39	-0.83		ppb
Silicon	28-1	1428.51	1378.72	1490.30	1432.51	3.90	ppb
Silver	107-1	0.19	0.22	0.19	0.20	8.98	ppb
Silver	109-1	0.17	0.19	0.16	0.17	8.55	ppb
Sodium	23-2	36376.23	34122.12	33489.26	34662.54	4.38	ppb
Strontium	86-1	149.94	150.71	152.68	151.11	0.94	ppb
Strontium	88-1	150.41	148.00	152.68	150.36	1.56	ppb
Sulfur	34-1	16656.59	15627.92	17287.46	16523.99	5.07	ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	0.00	-0.02	-0.01	-0.01		ppb
Tin	118-1	-0.18	-0.17	-0.19	-0.18		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-18LREX5	Instrumnet Name :	P8
Client Sample ID :	MH1F88L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-19 17:48:55	DataFile Name :	097AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.34	0.41	0.37	0.38	8.85	ppb
Uranium	238-1	0.42	0.44	0.44	0.43	2.79	ppb
Vanadium	51-2	0.08	0.10	0.06	0.08	24.12	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				107		%
Zinc	66-2	381.22	370.23	367.92	373.13	1.90	ppb
Zirconium	90-1	0.02	0.01	0.03	0.02	47.00	ppb
Zirconium	91-1	0.01	-0.01	0.03	0.01	215.77	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-18RE	Instrumnet Name :	P8
Client Sample ID :	MH1F88	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:51:53	DataFile Name :	098AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	80.03	82.97	80.65	81.22	1.91	ppb
Antimony	121-1	19.87	21.50	20.50	20.63	3.98	ppb
Arsenic	75-2	11.34	11.90	10.89	11.38	4.47	ppb
Barium	135-1	52.37	59.17	54.32	55.29	6.33	ppb
Barium	137-1	55.63	59.97	53.89	56.50	5.54	ppb
Beryllium	9-1	-0.02	0.00	-0.03	-0.02		ppb
Bismuth	209-1				93		%
Bismuth	209-2				91		%
Boron	10-1	61.00	70.00	66.11	65.70	6.87	ppb
Boron	11-1	62.62	72.41	69.18	68.07	7.33	ppb
Bromine	81-1						cps
Cadmium	111-1	7.25	8.37	6.89	7.50	10.31	ppb
Cadmium	106-1	7.35	8.99	2.46	6.27	54.23	ppb
Cadmium	108-1	6.05	8.44	7.15	7.21	16.62	ppb
Calcium	43-1	169478.02	186061.77	170167.57	175235.79	5.35	ppb
Calcium	44-1	164952.85	181495.45	169100.51	171849.60	5.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.80	0.73	0.84	0.79	7.10	ppb
Cobalt	59-2	0.39	0.36	0.36	0.37	4.14	ppb
Copper	63-2	16.07	16.46	16.20	16.24	1.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				99		%
Indium	115-1				97		%
Indium	115-2				95		%
Iron	54-2	285.11	309.46	285.50	293.36	4.75	ppb
Iron	56-2	300.24	302.77	303.91	302.31	0.62	ppb
Iron	57-2	414.67	411.91	410.02	412.20	0.57	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-18RE	Instrumnet Name :	P8
Client Sample ID :	MH1F88	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:51:53	DataFile Name :	098AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	179.00	198.38	189.41	188.93	5.13	ppb
Lead	207-1	180.76	202.69	191.67	191.71	5.72	ppb
Lead	208-1	181.62	201.83	193.49	192.31	5.28	ppb
Lithium	6-1				109		%
Magnesium	24-2	40474.64	40919.02	41145.72	40846.46	0.84	ppb
Manganese	55-2	97.48	102.64	99.54	99.88	2.60	ppb
Molybdenum	94-1	1.30	1.26	1.16	1.24	5.54	ppb
Molybdenum	95-1	1.31	1.36	1.26	1.31	4.08	ppb
Molybdenum	96-1	1.26	1.49	1.30	1.35	9.00	ppb
Molybdenum	97-1	1.36	1.35	1.43	1.38	3.10	ppb
Molybdenum	98-1	1.14	1.35	1.30	1.26	8.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.69	1.75	1.79	1.75	2.87	ppb
Phosphorus	31-2	17.65	81.04	24.09	40.93	85.25	ppb
Potassium	39-2	5537.70	5683.22	5614.75	5611.89	1.30	ppb
Rhodium	103-1				93		%
Rhodium	103-2				95		%
Scandium	45-1				96		%
Scandium	45-2				102		%
Selenium	82-1	-0.85	1.78	-0.06	0.29	467.09	ppb
Selenium	77-2	-0.01	-1.33	-1.33	-0.89		ppb
Selenium	78-2	-0.54	-2.51	-1.36	-1.47		ppb
Silicon	28-1	8047.12	9087.07	8535.70	8556.63	6.08	ppb
Silver	107-1	0.94	1.11	0.98	1.01	8.55	ppb
Silver	109-1	0.99	1.06	0.87	0.97	9.84	ppb
Sodium	23-2	184744.80	185638.46	187114.58	185832.61	0.64	ppb
Strontium	86-1	787.93	902.34	842.54	844.27	6.78	ppb
Strontium	88-1	779.88	882.96	832.24	831.69	6.20	ppb
Sulfur	34-1	61572.24	74073.03	65932.13	67192.47	9.44	ppb
Terbium	159-1				95		%
Terbium	159-2				97		%
Thallium	203-1	0.23	0.21	0.20	0.21	8.87	ppb
Thallium	205-1	0.26	0.26	0.22	0.25	8.81	ppb
Tin	118-1	0.01	0.01	0.04	0.02	91.85	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-18RE	Instrumnet Name :	P8
Client Sample ID :	MH1F88	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:51:53	DataFile Name :	098AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.93	2.36	2.27	2.52	14.21	ppb
Uranium	238-1	2.28	2.45	2.39	2.37	3.50	ppb
Vanadium	51-2	0.44	0.40	0.46	0.43	7.19	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				95		%
Yttrium	89-2				99		%
Zinc	66-2	1838.53	1862.51	1863.34	1854.79	0.76	ppb
Zirconium	90-1	0.12	0.10	0.11	0.11	10.15	ppb
Zirconium	91-1	0.10	0.12	0.16	0.13	26.01	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-01	Instrumnet Name :	P8
Client Sample ID :	MH1D93	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:54:51	DataFile Name :	099AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.38	4.61	4.85	4.61	5.04	ppb
Antimony	121-1	5.40	5.08	5.11	5.19	3.40	ppb
Arsenic	75-2	2.39	2.31	2.21	2.30	4.00	ppb
Barium	135-1	10.04	11.01	10.42	10.49	4.65	ppb
Barium	137-1	10.79	10.91	10.01	10.57	4.65	ppb
Beryllium	9-1	-0.03	-0.04	-0.05	-0.04		ppb
Bismuth	209-1				110		%
Bismuth	209-2				99		%
Boron	10-1	19.93	18.54	18.14	18.87	5.00	ppb
Boron	11-1	18.15	18.10	18.43	18.23	0.97	ppb
Bromine	81-1						cps
Cadmium	111-1	2.19	1.68	1.45	1.77	21.29	ppb
Cadmium	106-1	2.34	-2.04	-4.04	-1.25		ppb
Cadmium	108-1	1.58	1.48	1.57	1.54	3.81	ppb
Calcium	43-1	56793.07	57878.87	56432.02	57034.65	1.32	ppb
Calcium	44-1	58273.50	57957.82	56535.61	57588.98	1.61	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.18	1.10	1.13	1.14	3.23	ppb
Cobalt	59-2	0.31	0.29	0.31	0.30	3.93	ppb
Copper	63-2	2.20	1.96	2.05	2.07	5.90	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				109		%
Holmium	165-2				104		%
Indium	115-1				110		%
Indium	115-2				100		%
Iron	54-2	11.52	12.76	12.98	12.42	6.35	ppb
Iron	56-2	13.25	13.35	14.15	13.59	3.65	ppb
Iron	57-2	47.36	58.51	57.20	54.36	11.21	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-01	Instrumnet Name :	P8
Client Sample ID :	MH1D93	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:54:51	DataFile Name :	099AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.30	0.24	0.23	0.26	14.26	ppb
Lead	207-1	0.31	0.25	0.20	0.25	21.53	ppb
Lead	208-1	0.30	0.26	0.23	0.26	12.75	ppb
Lithium	6-1				128		%
Magnesium	24-2	9456.59	8922.12	9566.62	9315.11	3.70	ppb
Manganese	55-2	16.98	15.99	17.03	16.67	3.54	ppb
Molybdenum	94-1	2.18	2.23	1.94	2.12	7.25	ppb
Molybdenum	95-1	2.46	2.54	2.63	2.54	3.24	ppb
Molybdenum	96-1	2.39	2.33	2.23	2.32	3.41	ppb
Molybdenum	97-1	2.67	2.71	2.62	2.67	1.71	ppb
Molybdenum	98-1	2.72	2.42	2.24	2.46	9.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.13	0.92	0.97	1.01	10.86	ppb
Phosphorus	31-2	-18.40	-34.05	-28.88	-27.11		ppb
Potassium	39-2	1432.94	1329.78	1413.42	1392.04	3.94	ppb
Rhodium	103-1				108		%
Rhodium	103-2				104		%
Scandium	45-1				112		%
Scandium	45-2				108		%
Selenium	82-1	0.49	1.44	-1.19	0.24	544.51	ppb
Selenium	77-2	-1.33	2.47	-0.07	0.35	545.66	ppb
Selenium	78-2	0.24	-0.60	0.08	-0.09		ppb
Silicon	28-1	8070.46	7888.35	7834.59	7931.13	1.56	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	0.01	0.00	-0.01	0.00	6867.22	ppb
Sodium	23-2	18949.40	17827.06	18431.90	18402.79	3.05	ppb
Strontium	86-1	142.34	145.68	142.95	143.66	1.24	ppb
Strontium	88-1	144.23	148.10	140.83	144.39	2.52	ppb
Sulfur	34-1	20740.87	21511.28	19826.68	20692.94	4.08	ppb
Terbium	159-1				108		%
Terbium	159-2				102		%
Thallium	203-1	-0.06	-0.07	-0.06	-0.07		ppb
Thallium	205-1	-0.04	-0.04	-0.04	-0.04		ppb
Tin	118-1	-0.26	-0.26	-0.25	-0.26		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-01	Instrumnet Name :	P8
Client Sample ID :	MH1D93	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:54:51	DataFile Name :	099AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.28	0.48	0.37	0.38	27.70	ppb
Uranium	238-1	1.74	1.70	1.79	1.74	2.59	ppb
Vanadium	51-2	0.29	0.28	0.37	0.31	17.02	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				104		%
Zinc	66-2	521.32	496.61	520.45	512.79	2.73	ppb
Zirconium	90-1	0.01	0.00	-0.01	0.00	281.00	ppb
Zirconium	91-1	-0.01	-0.01	0.01	0.00		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-02	Instrumnet Name :	P8
Client Sample ID :	MH1D95	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:57:49	DataFile Name :	100AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.50	3.64	3.54	3.89	13.54	ppb
Antimony	121-1	5.11	5.22	5.30	5.21	1.84	ppb
Arsenic	75-2	2.29	2.53	2.36	2.39	5.25	ppb
Barium	135-1	14.87	14.51	15.22	14.87	2.37	ppb
Barium	137-1	14.71	14.77	14.42	14.63	1.29	ppb
Beryllium	9-1	-0.02	0.01	-0.03	-0.02		ppb
Bismuth	209-1				104		%
Bismuth	209-2				97		%
Boron	10-1	19.67	20.50	21.64	20.60	4.81	ppb
Boron	11-1	18.72	20.50	21.55	20.26	7.08	ppb
Bromine	81-1						cps
Cadmium	111-1	1.92	1.80	1.70	1.80	6.06	ppb
Cadmium	106-1	2.74	1.69	0.46	1.63	70.03	ppb
Cadmium	108-1	1.66	1.53	1.13	1.44	18.97	ppb
Calcium	43-1	61289.93	60228.07	60347.80	60621.93	0.96	ppb
Calcium	44-1	59200.66	61095.05	62441.27	60912.33	2.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.22	0.27	0.27	0.26	10.85	ppb
Cobalt	59-2	0.21	0.18	0.20	0.20	7.93	ppb
Copper	63-2	1.92	1.84	1.78	1.85	3.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				100		%
Indium	115-1				108		%
Indium	115-2				99		%
Iron	54-2	12.61	10.90	9.83	11.11	12.63	ppb
Iron	56-2	12.10	12.06	12.16	12.11	0.45	ppb
Iron	57-2	49.05	56.75	50.85	52.21	7.71	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-02	Instrumnet Name :	P8
Client Sample ID :	MH1D95	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:57:49	DataFile Name :	100AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.41	0.41	0.34	0.38	9.91	ppb
Lead	207-1	0.37	0.36	0.35	0.36	3.02	ppb
Lead	208-1	0.39	0.37	0.38	0.38	3.14	ppb
Lithium	6-1				125		%
Magnesium	24-2	9992.66	10077.56	10028.92	10033.05	0.42	ppb
Manganese	55-2	24.30	24.78	24.80	24.63	1.14	ppb
Molybdenum	94-1	2.07	2.19	2.26	2.17	4.33	ppb
Molybdenum	95-1	2.74	2.44	2.54	2.57	6.01	ppb
Molybdenum	96-1	2.53	2.39	2.49	2.47	2.95	ppb
Molybdenum	97-1	2.85	2.51	2.64	2.67	6.47	ppb
Molybdenum	98-1	2.53	2.61	2.59	2.57	1.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.74	0.79	0.81	0.78	4.35	ppb
Phosphorus	31-2	-21.91	8.66	-9.78	-7.68		ppb
Potassium	39-2	1475.13	1589.41	1553.65	1539.40	3.80	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				109		%
Scandium	45-2				106		%
Selenium	82-1	0.49	0.88	2.13	1.17	73.46	ppb
Selenium	77-2	-1.33	-1.33	1.26	-0.47		ppb
Selenium	78-2	0.72	0.05	-1.87	-0.37		ppb
Silicon	28-1	8243.81	8273.06	7959.45	8158.78	2.12	ppb
Silver	107-1	-0.01	-0.01	0.00	-0.01		ppb
Silver	109-1	0.00	0.01	0.00	0.00	47.50	ppb
Sodium	23-2	30432.86	31610.95	31335.39	31126.40	1.98	ppb
Strontium	86-1	172.70	164.24	165.79	167.58	2.69	ppb
Strontium	88-1	165.75	167.69	166.13	166.53	0.62	ppb
Sulfur	34-1	23062.80	23293.52	22060.38	22805.57	2.87	ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	-0.04	-0.05	-0.05	-0.05		ppb
Thallium	205-1	-0.05	-0.04	-0.03	-0.04		ppb
Tin	118-1	-0.32	-0.23	-0.28	-0.28		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-02	Instrumnet Name :	P8
Client Sample ID :	MH1D95	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:57:49	DataFile Name :	100AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.36	0.47	0.44	0.42	14.27	ppb
Uranium	238-1	1.76	1.74	1.80	1.77	1.73	ppb
Vanadium	51-2	0.37	0.36	0.37	0.37	2.33	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				104		%
Zinc	66-2	450.09	450.94	459.76	453.60	1.18	ppb
Zirconium	90-1	0.00	0.02	0.00	0.01	196.37	ppb
Zirconium	91-1	-0.03	0.02	-0.01	-0.01		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-03	Instrumnet Name :	P8
Client Sample ID :	MH1D97	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 18:00:49	DataFile Name :	101AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.41	4.52	5.37	4.77	10.98	ppb
Antimony	121-1	5.25	5.16	5.51	5.31	3.47	ppb
Arsenic	75-2	2.74	2.60	2.29	2.54	8.98	ppb
Barium	135-1	13.92	14.30	15.50	14.57	5.66	ppb
Barium	137-1	14.47	14.36	15.76	14.86	5.23	ppb
Beryllium	9-1	-0.03	-0.03	-0.03	-0.03		ppb
Bismuth	209-1				107		%
Bismuth	209-2				100		%
Boron	10-1	20.42	20.54	23.09	21.35	7.05	ppb
Boron	11-1	20.63	19.86	22.07	20.85	5.38	ppb
Bromine	81-1						cps
Cadmium	111-1	1.60	1.52	1.51	1.54	3.32	ppb
Cadmium	106-1	0.95	-0.13	0.81	0.54	107.62	ppb
Cadmium	108-1	1.13	1.93	1.30	1.45	28.94	ppb
Calcium	43-1	60000.11	57990.78	60543.43	59511.44	2.26	ppb
Calcium	44-1	60735.34	60551.07	60384.08	60556.83	0.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.68	0.65	0.71	0.68	4.90	ppb
Cobalt	59-2	0.15	0.14	0.17	0.15	8.62	ppb
Copper	63-2	1.61	1.52	1.56	1.56	3.11	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				107		%
Holmium	165-2				103		%
Indium	115-1				110		%
Indium	115-2				100		%
Iron	54-2	16.18	11.50	13.54	13.74	17.08	ppb
Iron	56-2	13.69	12.85	12.97	13.17	3.42	ppb
Iron	57-2	47.72	53.24	53.95	51.64	6.61	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-03	Instrumnet Name :	P8
Client Sample ID :	MH1D97	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 18:00:49	DataFile Name :	101AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.32	0.33	0.35	0.33	3.94	ppb
Lead	207-1	0.39	0.40	0.31	0.37	13.11	ppb
Lead	208-1	0.36	0.35	0.33	0.35	3.70	ppb
Lithium	6-1				122		%
Magnesium	24-2	10410.28	9694.34	10018.46	10041.03	3.57	ppb
Manganese	55-2	17.91	17.28	17.50	17.56	1.80	ppb
Molybdenum	94-1	2.24	2.12	2.23	2.20	3.14	ppb
Molybdenum	95-1	2.43	2.53	2.83	2.60	7.96	ppb
Molybdenum	96-1	2.57	2.50	2.52	2.53	1.47	ppb
Molybdenum	97-1	2.68	2.66	2.69	2.67	0.58	ppb
Molybdenum	98-1	2.63	2.76	2.64	2.68	2.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.95	0.98	0.74	0.89	14.72	ppb
Phosphorus	31-2	-32.06	-4.07	-29.14	-21.75		ppb
Potassium	39-2	1545.14	1481.87	1489.15	1505.39	2.30	ppb
Rhodium	103-1				107		%
Rhodium	103-2				103		%
Scandium	45-1				113		%
Scandium	45-2				106		%
Selenium	82-1	0.94	-0.69	1.15	0.47	216.15	ppb
Selenium	77-2	5.28	1.21	1.19	2.56	91.98	ppb
Selenium	78-2	0.31	-1.28	-0.86	-0.61		ppb
Silicon	28-1	8263.02	7780.36	8095.99	8046.46	3.05	ppb
Silver	107-1	-0.01	-0.01	-0.01	-0.01		ppb
Silver	109-1	-0.01	-0.01	0.00	-0.01		ppb
Sodium	23-2	28586.28	27821.36	27995.89	28134.51	1.42	ppb
Strontium	86-1	163.17	164.75	168.35	165.42	1.61	ppb
Strontium	88-1	160.36	161.59	165.39	162.44	1.61	ppb
Sulfur	34-1	23050.01	21896.80	22215.75	22387.52	2.66	ppb
Terbium	159-1				108		%
Terbium	159-2				103		%
Thallium	203-1	-0.06	-0.06	-0.06	-0.06		ppb
Thallium	205-1	-0.04	-0.05	-0.04	-0.04		ppb
Tin	118-1	-0.26	-0.24	-0.16	-0.22		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-03	Instrumnet Name :	P8
Client Sample ID :	MH1D97	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 18:00:49	DataFile Name :	101AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.20	0.41	0.34	0.32	33.57	ppb
Uranium	238-1	1.81	1.81	1.82	1.81	0.20	ppb
Vanadium	51-2	0.39	0.35	0.35	0.36	6.73	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				103		%
Zinc	66-2	450.03	435.76	433.69	439.82	2.02	ppb
Zirconium	90-1	0.00	0.01	0.02	0.01	118.96	ppb
Zirconium	91-1	-0.02	0.03	0.02	0.01	208.09	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-04	Instrumnet Name :	P8
Client Sample ID :	MH1D99	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 18:03:47	DataFile Name :	102AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.06	6.24	7.49	6.60	11.79	ppb
Antimony	121-1	5.17	5.17	5.14	5.16	0.29	ppb
Arsenic	75-2	2.43	2.83	2.74	2.67	7.81	ppb
Barium	135-1	16.79	16.22	16.82	16.61	2.03	ppb
Barium	137-1	16.75	16.86	17.32	16.98	1.78	ppb
Beryllium	9-1	-0.03	-0.02	-0.03	-0.03		ppb
Bismuth	209-1				107		%
Bismuth	209-2				102		%
Boron	10-1	21.10	21.56	23.60	22.08	6.02	ppb
Boron	11-1	21.53	22.87	23.43	22.61	4.31	ppb
Bromine	81-1						cps
Cadmium	111-1	1.64	1.44	1.38	1.49	9.20	ppb
Cadmium	106-1	1.68	-0.99	-0.62	0.03	5703.29	ppb
Cadmium	108-1	0.98	1.73	1.39	1.37	27.42	ppb
Calcium	43-1	61004.36	63585.58	62352.76	62314.23	2.07	ppb
Calcium	44-1	61347.79	63616.95	64304.77	63089.84	2.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.35	4.22	4.16	4.24	2.38	ppb
Cobalt	59-2	0.41	0.36	0.38	0.39	6.82	ppb
Copper	63-2	2.00	1.92	1.93	1.95	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				111		%
Indium	115-2				103		%
Iron	54-2	29.43	33.97	29.44	30.95	8.46	ppb
Iron	56-2	29.22	27.58	27.27	28.02	3.74	ppb
Iron	57-2	76.62	75.24	72.75	74.87	2.62	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-04	Instrumnet Name :	P8
Client Sample ID :	MH1D99	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 18:03:47	DataFile Name :	102AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.70	0.67	0.79	0.72	8.65	ppb
Lead	207-1	0.63	0.74	0.70	0.69	7.44	ppb
Lead	208-1	0.68	0.70	0.75	0.71	5.17	ppb
Lithium	6-1				124		%
Magnesium	24-2	10537.01	11036.64	10971.11	10848.25	2.50	ppb
Manganese	55-2	8.82	9.44	9.14	9.13	3.39	ppb
Molybdenum	94-1	2.15	2.08	2.23	2.16	3.32	ppb
Molybdenum	95-1	2.65	2.47	2.75	2.62	5.29	ppb
Molybdenum	96-1	2.45	2.47	2.46	2.46	0.40	ppb
Molybdenum	97-1	2.85	2.47	2.62	2.65	7.12	ppb
Molybdenum	98-1	2.49	2.57	2.61	2.56	2.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.25	9.23	8.91	9.13	2.09	ppb
Phosphorus	31-2	-37.04	-8.16	5.56	-13.21		ppb
Potassium	39-2	1606.57	1603.31	1604.69	1604.86	0.10	ppb
Rhodium	103-1				107		%
Rhodium	103-2				105		%
Scandium	45-1				113		%
Scandium	45-2				109		%
Selenium	82-1	0.60	-0.23	1.28	0.55	137.81	ppb
Selenium	77-2	-0.12	-1.33	-0.07	-0.51		ppb
Selenium	78-2	-1.24	0.38	-0.01	-0.29		ppb
Silicon	28-1	7712.35	8216.85	7734.82	7888.01	3.61	ppb
Silver	107-1	0.00	-0.02	0.00	-0.01		ppb
Silver	109-1	-0.02	-0.01	-0.01	-0.01		ppb
Sodium	23-2	38285.15	37920.78	38805.67	38337.20	1.16	ppb
Strontium	86-1	171.96	162.27	175.50	169.91	4.03	ppb
Strontium	88-1	163.84	167.73	172.61	168.06	2.61	ppb
Sulfur	34-1	22808.59	23812.36	22513.69	23044.88	2.95	ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	203-1	-0.05	-0.05	-0.06	-0.05		ppb
Thallium	205-1	-0.04	-0.03	-0.03	-0.03		ppb
Tin	118-1	-0.29	-0.31	0.24	-0.12		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-04	Instrumnet Name :	P8
Client Sample ID :	MH1D99	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 18:03:47	DataFile Name :	102AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.57	0.55	0.66	0.59	9.71	ppb
Uranium	238-1	1.79	1.75	1.82	1.79	2.00	ppb
Vanadium	51-2	0.40	0.34	0.38	0.38	8.02	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				106		%
Zinc	66-2	421.39	422.11	421.31	421.60	0.10	ppb
Zirconium	90-1	0.01	0.01	0.00	0.01	56.97	ppb
Zirconium	91-1	0.01	0.05	0.05	0.04	61.22	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-05	Instrumnet Name :	P8
Client Sample ID :	MH1E01	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 18:06:48	DataFile Name :	103AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.51	2.84	3.13	3.16	10.56	ppb
Antimony	121-1	5.29	5.45	5.64	5.46	3.26	ppb
Arsenic	75-2	2.90	2.94	2.85	2.90	1.62	ppb
Barium	135-1	15.71	16.15	16.55	16.14	2.61	ppb
Barium	137-1	16.35	16.33	17.26	16.65	3.19	ppb
Beryllium	9-1	-0.03	-0.04	-0.04	-0.04		ppb
Bismuth	209-1				106		%
Bismuth	209-2				101		%
Boron	10-1	22.02	20.53	23.10	21.88	5.88	ppb
Boron	11-1	21.02	20.88	23.43	21.78	6.60	ppb
Bromine	81-1						cps
Cadmium	111-1	1.28	1.48	1.40	1.39	7.19	ppb
Cadmium	106-1	0.99	1.96	0.67	1.21	55.30	ppb
Cadmium	108-1	0.93	0.75	1.20	0.96	23.35	ppb
Calcium	43-1	61430.87	63306.89	64565.65	63101.14	2.50	ppb
Calcium	44-1	60822.16	62384.43	67748.55	63651.71	5.71	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.31	0.34	0.35	0.33	6.63	ppb
Cobalt	59-2	0.07	0.08	0.06	0.07	20.32	ppb
Copper	63-2	1.15	1.12	1.07	1.11	3.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				106		%
Indium	115-1				108		%
Indium	115-2				101		%
Iron	54-2	6.56	6.81	8.06	7.14	11.20	ppb
Iron	56-2	8.07	8.29	8.61	8.32	3.25	ppb
Iron	57-2	48.78	51.59	59.27	53.21	10.20	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-05	Instrumnet Name :	P8
Client Sample ID :	MH1E01	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 18:06:48	DataFile Name :	103AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.74	0.79	0.84	0.79	6.29	ppb
Lead	207-1	0.73	0.82	0.81	0.79	6.67	ppb
Lead	208-1	0.77	0.83	0.83	0.81	4.36	ppb
Lithium	6-1				122		%
Magnesium	24-2	10627.48	10440.91	10511.97	10526.79	0.89	ppb
Manganese	55-2	10.25	10.13	9.61	10.00	3.40	ppb
Molybdenum	94-1	2.15	1.93	2.17	2.08	6.41	ppb
Molybdenum	95-1	2.74	2.63	2.76	2.71	2.64	ppb
Molybdenum	96-1	2.49	2.37	2.58	2.48	4.31	ppb
Molybdenum	97-1	2.46	2.62	2.64	2.58	3.87	ppb
Molybdenum	98-1	2.58	2.50	2.61	2.56	2.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.75	0.72	0.79	0.75	4.50	ppb
Phosphorus	31-2	-14.99	-18.96	-8.19	-14.05		ppb
Potassium	39-2	1578.21	1585.33	1594.60	1586.05	0.52	ppb
Rhodium	103-1				105		%
Rhodium	103-2				106		%
Scandium	45-1				110		%
Scandium	45-2				108		%
Selenium	82-1	1.69	-0.15	0.64	0.73	126.51	ppb
Selenium	77-2	1.15	-0.13	1.18	0.73	101.89	ppb
Selenium	78-2	0.27	0.60	-0.78	0.03	2282.92	ppb
Silicon	28-1	7440.79	7799.25	8060.83	7766.96	4.01	ppb
Silver	107-1	-0.01	-0.01	-0.01	-0.01		ppb
Silver	109-1	0.00	-0.01	-0.01	-0.01		ppb
Sodium	23-2	35361.52	35663.18	36376.77	35800.49	1.46	ppb
Strontium	86-1	166.50	158.97	172.18	165.88	4.00	ppb
Strontium	88-1	165.51	164.66	169.64	166.61	1.60	ppb
Sulfur	34-1	22568.39	23164.45	24937.96	23556.93	5.23	ppb
Terbium	159-1				108		%
Terbium	159-2				103		%
Thallium	203-1	-0.06	-0.05	-0.06	-0.06		ppb
Thallium	205-1	-0.04	-0.03	-0.04	-0.04		ppb
Tin	118-1	-0.30	-0.33	-0.28	-0.30		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-05	Instrumnet Name :	P8
Client Sample ID :	MH1E01	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 18:06:48	DataFile Name :	103AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.34	0.32	0.42	0.36	13.62	ppb
Uranium	238-1	1.71	1.80	1.89	1.80	4.79	ppb
Vanadium	51-2	0.45	0.52	0.48	0.48	7.67	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				107		%
Zinc	66-2	380.66	385.74	379.29	381.90	0.89	ppb
Zirconium	90-1	-0.01	-0.01	0.01	0.00		ppb
Zirconium	91-1	0.01	0.00	0.01	0.01	110.10	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-06	Instrumnet Name :	P8
Client Sample ID :	MH1E03	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 18:09:46	DataFile Name :	104AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.48	3.83	3.86	3.72	5.73	ppb
Antimony	121-1	5.10	5.26	5.04	5.13	2.21	ppb
Arsenic	75-2	2.64	2.65	2.71	2.67	1.43	ppb
Barium	135-1	16.88	16.65	16.44	16.66	1.32	ppb
Barium	137-1	16.53	17.33	16.99	16.95	2.37	ppb
Beryllium	9-1	-0.01	-0.03	-0.03	-0.02		ppb
Bismuth	209-1				105		%
Bismuth	209-2				100		%
Boron	10-1	22.78	24.32	25.99	24.36	6.60	ppb
Boron	11-1	23.29	24.31	25.87	24.49	5.30	ppb
Bromine	81-1						cps
Cadmium	111-1	1.42	1.53	1.39	1.45	4.86	ppb
Cadmium	106-1	-0.35	3.11	-0.33	0.81	245.61	ppb
Cadmium	108-1	0.85	1.16	1.63	1.21	32.15	ppb
Calcium	43-1	63286.84	62887.32	63784.63	63319.60	0.71	ppb
Calcium	44-1	62147.86	63102.76	65673.52	63641.38	2.87	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.34	0.43	0.40	0.39	11.47	ppb
Cobalt	59-2	0.07	0.08	0.07	0.07	6.93	ppb
Copper	63-2	1.13	1.21	1.15	1.16	3.91	ppb
Dysprosium	156-1						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				105		%
Indium	115-1				111		%
Indium	115-2				102		%
Iron	54-2	9.67	8.37	8.15	8.73	9.46	ppb
Iron	56-2	9.50	9.63	9.69	9.61	1.03	ppb
Iron	57-2	45.00	50.27	55.89	50.38	10.82	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-06	Instrumnet Name :	P8
Client Sample ID :	MH1E03	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 18:09:46	DataFile Name :	104AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.63	0.67	0.56	0.62	8.99	ppb
Lead	207-1	0.61	0.59	0.65	0.62	4.83	ppb
Lead	208-1	0.63	0.64	0.60	0.62	3.58	ppb
Lithium	6-1				121		%
Magnesium	24-2	10734.09	10771.00	11107.98	10871.02	1.90	ppb
Manganese	55-2	19.97	19.87	20.94	20.26	2.92	ppb
Molybdenum	94-1	2.02	2.13	2.00	2.05	3.41	ppb
Molybdenum	95-1	2.21	2.38	2.54	2.38	6.97	ppb
Molybdenum	96-1	2.10	2.33	2.43	2.28	7.40	ppb
Molybdenum	97-1	2.35	2.36	2.35	2.35	0.09	ppb
Molybdenum	98-1	2.38	2.50	2.23	2.37	5.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.87	0.86	0.87	0.86	0.76	ppb
Phosphorus	31-2	5.24	-4.69	-11.15	-3.53		ppb
Potassium	39-2	1741.06	1742.48	1720.10	1734.55	0.72	ppb
Rhodium	103-1				110		%
Rhodium	103-2				104		%
Scandium	45-1				115		%
Scandium	45-2				109		%
Selenium	82-1	0.53	1.73	0.47	0.91	78.32	ppb
Selenium	77-2	2.36	-0.10	-1.33	0.31	612.20	ppb
Selenium	78-2	-0.36	0.45	-0.64	-0.18		ppb
Silicon	28-1	7797.17	7271.10	7361.16	7476.47	3.76	ppb
Silver	107-1	-0.01	-0.01	-0.01	-0.01		ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	43589.62	45971.49	44802.81	44787.97	2.66	ppb
Strontium	86-1	163.74	175.46	173.18	170.79	3.64	ppb
Strontium	88-1	167.33	175.52	169.81	170.89	2.46	ppb
Sulfur	34-1	24503.65	23652.39	23370.21	23842.08	2.47	ppb
Terbium	159-1				112		%
Terbium	159-2				102		%
Thallium	203-1	-0.06	-0.05	-0.06	-0.06		ppb
Thallium	205-1	-0.04	-0.04	-0.03	-0.04		ppb
Tin	118-1	-0.31	-0.38	-0.37	-0.35		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-06	Instrumnet Name :	P8
Client Sample ID :	MH1E03	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 18:09:46	DataFile Name :	104AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.18	0.31	0.38	0.29	34.55	ppb
Uranium	238-1	1.77	1.69	1.79	1.75	2.90	ppb
Vanadium	51-2	0.46	0.45	0.44	0.45	2.52	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				106		%
Zinc	66-2	404.65	409.54	413.20	409.13	1.05	ppb
Zirconium	90-1	0.01	0.02	-0.01	0.00	297.17	ppb
Zirconium	91-1	-0.02	0.07	0.00	0.02	280.09	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-07	Instrumnet Name :	P8
Client Sample ID :	MH1E05	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 18:12:46	DataFile Name :	105AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.06	3.71	2.98	3.58	15.47	ppb
Antimony	121-1	5.20	5.49	5.48	5.39	3.12	ppb
Arsenic	75-2	2.93	2.83	2.85	2.87	1.83	ppb
Barium	135-1	16.00	16.65	16.94	16.53	2.92	ppb
Barium	137-1	16.21	16.74	17.75	16.90	4.62	ppb
Beryllium	9-1	-0.05	-0.05	-0.03	-0.04		ppb
Bismuth	209-1				108		%
Bismuth	209-2				97		%
Boron	10-1	21.21	21.49	19.94	20.88	3.97	ppb
Boron	11-1	21.02	21.23	21.69	21.32	1.61	ppb
Bromine	81-1						cps
Cadmium	111-1	0.69	0.79	0.41	0.63	31.84	ppb
Cadmium	106-1	-0.51	0.41	-4.65	-1.58		ppb
Cadmium	108-1	0.44	0.47	0.56	0.49	13.07	ppb
Calcium	43-1	58285.01	58985.55	64440.66	60570.41	5.56	ppb
Calcium	44-1	60902.40	60530.49	63884.92	61772.60	2.98	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.56	0.56	0.54	0.55	2.08	ppb
Cobalt	59-2	0.07	0.10	0.05	0.07	34.54	ppb
Copper	63-2	0.99	0.89	0.82	0.90	9.82	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				110		%
Holmium	165-2				103		%
Indium	115-1				113		%
Indium	115-2				100		%
Iron	54-2	10.05	9.30	9.82	9.73	3.97	ppb
Iron	56-2	8.75	8.71	9.21	8.89	3.09	ppb
Iron	57-2	52.81	54.35	56.63	54.60	3.51	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-07	Instrumnet Name :	P8
Client Sample ID :	MH1E05	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 18:12:46	DataFile Name :	105AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.61	0.62	0.61	0.62	1.24	ppb
Lead	207-1	0.55	0.61	0.64	0.60	7.24	ppb
Lead	208-1	0.59	0.61	0.63	0.61	3.49	ppb
Lithium	6-1				124		%
Magnesium	24-2	10532.10	10144.51	10532.79	10403.14	2.15	ppb
Manganese	55-2	16.81	16.58	16.68	16.69	0.71	ppb
Molybdenum	94-1	2.08	2.18	2.06	2.11	2.88	ppb
Molybdenum	95-1	2.38	2.22	2.32	2.31	3.54	ppb
Molybdenum	96-1	2.36	2.30	2.38	2.35	1.74	ppb
Molybdenum	97-1	2.53	2.42	2.69	2.55	5.28	ppb
Molybdenum	98-1	2.39	2.27	2.65	2.43	8.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.66	0.73	0.71	0.70	5.27	ppb
Phosphorus	31-2	-17.90	-26.36	-33.56	-25.94		ppb
Potassium	39-2	1665.36	1562.43	1589.27	1605.69	3.33	ppb
Rhodium	103-1				110		%
Rhodium	103-2				104		%
Scandium	45-1				115		%
Scandium	45-2				108		%
Selenium	82-1	-1.27	1.86	0.08	0.23	697.52	ppb
Selenium	77-2	1.23	3.73	2.61	2.52	49.60	ppb
Selenium	78-2	0.06	-0.27	-0.83	-0.35		ppb
Silicon	28-1	7049.39	7156.11	8179.52	7461.67	8.36	ppb
Silver	107-1	-0.02	-0.01	-0.01	-0.02		ppb
Silver	109-1	0.00	-0.02	-0.01	-0.01		ppb
Sodium	23-2	36495.49	36541.59	38375.19	37137.42	2.89	ppb
Strontium	86-1	157.94	153.16	174.71	161.94	6.99	ppb
Strontium	88-1	161.86	159.00	172.84	164.57	4.44	ppb
Sulfur	34-1	20505.23	21546.07	24892.86	22314.72	10.27	ppb
Terbium	159-1				110		%
Terbium	159-2				101		%
Thallium	203-1	-0.07	-0.07	-0.06	-0.07		ppb
Thallium	205-1	-0.05	-0.04	-0.04	-0.04		ppb
Tin	118-1	-0.37	-0.36	-0.26	-0.33		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-07	Instrumnet Name :	P8
Client Sample ID :	MH1E05	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 18:12:46	DataFile Name :	105AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.26	0.27	0.32	0.28	12.38	ppb
Uranium	238-1	1.67	1.71	1.86	1.74	5.92	ppb
Vanadium	51-2	0.49	0.41	0.53	0.48	12.85	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				102		%
Zinc	66-2	307.53	302.35	306.83	305.57	0.92	ppb
Zirconium	90-1	0.01	0.01	0.04	0.02	91.37	ppb
Zirconium	91-1	-0.02	-0.01	0.04	0.01	565.97	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-08	Instrumnet Name :	P8
Client Sample ID :	MH1E07	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 18:15:44	DataFile Name :	106AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.70	4.40	4.19	4.10	8.86	ppb
Antimony	121-1	4.87	4.77	4.91	4.85	1.54	ppb
Arsenic	75-2	2.04	2.51	2.31	2.28	10.20	ppb
Barium	135-1	18.99	18.87	18.29	18.72	2.02	ppb
Barium	137-1	18.30	18.87	17.83	18.34	2.84	ppb
Beryllium	9-1	-0.04	-0.03	-0.04	-0.03		ppb
Bismuth	209-1				105		%
Bismuth	209-2				101		%
Boron	10-1	27.31	28.69	29.89	28.63	4.52	ppb
Boron	11-1	27.51	28.29	28.93	28.24	2.52	ppb
Bromine	81-1						cps
Cadmium	111-1	1.65	1.83	1.56	1.68	8.28	ppb
Cadmium	106-1	1.50	1.07	0.70	1.09	36.63	ppb
Cadmium	108-1	1.16	1.41	0.87	1.15	23.77	ppb
Calcium	43-1	76758.77	72228.43	73258.18	74081.79	3.21	ppb
Calcium	44-1	74352.82	72478.73	72296.57	73042.71	1.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.33	0.35	0.38	0.35	6.40	ppb
Cobalt	59-2	0.13	0.14	0.12	0.13	8.97	ppb
Copper	63-2	0.71	0.70	0.66	0.69	3.81	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				107		%
Holmium	165-2				102		%
Indium	115-1				108		%
Indium	115-2				101		%
Iron	54-2	13.89	12.95	12.65	13.16	4.92	ppb
Iron	56-2	13.18	13.58	13.12	13.29	1.86	ppb
Iron	57-2	57.23	74.13	64.55	65.30	12.98	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-08	Instrumnet Name :	P8
Client Sample ID :	MH1E07	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 18:15:44	DataFile Name :	106AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.48	0.47	0.46	0.47	2.84	ppb
Lead	207-1	0.48	0.43	0.48	0.47	5.90	ppb
Lead	208-1	0.48	0.49	0.49	0.49	1.77	ppb
Lithium	6-1				120		%
Magnesium	24-2	11521.86	11646.08	11672.10	11613.35	0.69	ppb
Manganese	55-2	29.49	30.98	29.58	30.02	2.79	ppb
Molybdenum	94-1	1.87	1.70	2.00	1.86	8.09	ppb
Molybdenum	95-1	2.35	2.22	2.29	2.28	2.95	ppb
Molybdenum	96-1	2.06	2.13	2.22	2.14	3.76	ppb
Molybdenum	97-1	2.46	2.45	2.08	2.33	9.30	ppb
Molybdenum	98-1	2.27	2.14	2.25	2.22	3.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.32	1.07	1.24	1.21	10.66	ppb
Phosphorus	31-2	-12.95	-14.78	9.01	-6.24		ppb
Potassium	39-2	1965.23	2070.12	2008.94	2014.76	2.61	ppb
Rhodium	103-1				105		%
Rhodium	103-2				105		%
Scandium	45-1				111		%
Scandium	45-2				109		%
Selenium	82-1	0.65	0.38	0.56	0.53	25.64	ppb
Selenium	77-2	1.17	2.51	2.40	2.03	36.79	ppb
Selenium	78-2	0.44	-1.58	-0.96	-0.70		ppb
Silicon	28-1	8152.59	7286.00	7447.40	7628.66	6.04	ppb
Silver	107-1	-0.01	0.00	0.00	-0.01		ppb
Silver	109-1	-0.01	0.00	-0.01	-0.01		ppb
Sodium	23-2	62382.50	62992.88	59777.63	61717.67	2.77	ppb
Strontium	86-1	179.17	183.33	194.08	185.53	4.15	ppb
Strontium	88-1	187.01	181.24	189.21	185.82	2.22	ppb
Sulfur	34-1	31498.42	27768.21	28627.25	29297.96	6.67	ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	-0.05	-0.03	-0.03	-0.03		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	-0.32	-0.27	-0.30	-0.30		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-08	Instrumnet Name :	P8
Client Sample ID :	MH1E07	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 18:15:44	DataFile Name :	106AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.43	0.33	0.39	0.38	12.26	ppb
Uranium	238-1	1.52	1.53	1.57	1.54	1.53	ppb
Vanadium	51-2	0.34	0.39	0.40	0.38	7.86	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				105		%
Zinc	66-2	603.91	609.63	601.80	605.12	0.67	ppb
Zirconium	90-1	0.02	0.01	0.02	0.02	26.33	ppb
Zirconium	91-1	0.01	0.02	-0.01	0.01	187.11	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-09	Instrumnet Name :	P8
Client Sample ID :	MH1E09	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 18:18:42	DataFile Name :	107AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.84	2.59	3.41	2.94	14.21	ppb
Antimony	121-1	5.20	5.36	5.15	5.24	2.12	ppb
Arsenic	75-2	1.99	1.79	2.13	1.97	8.73	ppb
Barium	135-1	31.29	30.48	31.61	31.13	1.87	ppb
Barium	137-1	33.04	31.25	32.69	32.33	2.93	ppb
Beryllium	9-1	-0.05	-0.04	-0.03	-0.04		ppb
Bismuth	209-1				108		%
Bismuth	209-2				102		%
Boron	10-1	30.27	33.39	36.15	33.27	8.84	ppb
Boron	11-1	32.91	33.40	35.23	33.85	3.60	ppb
Bromine	81-1						cps
Cadmium	111-1	0.52	0.34	0.17	0.34	51.29	ppb
Cadmium	106-1	1.98	-0.24	-2.66	-0.31		ppb
Cadmium	108-1	0.45	0.26	0.30	0.34	28.73	ppb
Calcium	43-1	85845.60	92826.60	85526.54	88066.25	4.68	ppb
Calcium	44-1	87101.40	91144.23	84942.55	87729.39	3.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.39	2.56	2.57	2.50	4.12	ppb
Cobalt	59-2	0.25	0.27	0.28	0.27	5.36	ppb
Copper	63-2	0.41	0.44	0.37	0.41	9.50	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				111		%
Holmium	165-2				107		%
Indium	115-1				114		%
Indium	115-2				103		%
Iron	54-2	57.63	60.14	58.51	58.76	2.17	ppb
Iron	56-2	59.31	58.14	60.99	59.48	2.40	ppb
Iron	57-2	117.63	114.25	110.09	113.99	3.31	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-09	Instrumnet Name :	P8
Client Sample ID :	MH1E09	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 18:18:42	DataFile Name :	107AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.42	0.32	0.30	0.35	18.56	ppb
Lead	207-1	0.29	0.30	0.34	0.31	8.83	ppb
Lead	208-1	0.33	0.31	0.33	0.32	3.41	ppb
Lithium	6-1				126		%
Magnesium	24-2	14655.16	14394.91	14020.10	14356.72	2.22	ppb
Manganese	55-2	147.77	146.17	145.47	146.47	0.80	ppb
Molybdenum	94-1	1.65	1.84	1.69	1.73	5.70	ppb
Molybdenum	95-1	2.21	1.98	2.10	2.10	5.51	ppb
Molybdenum	96-1	1.76	2.22	2.07	2.02	11.57	ppb
Molybdenum	97-1	1.88	2.19	2.01	2.03	7.71	ppb
Molybdenum	98-1	2.07	2.12	2.11	2.10	1.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.29	2.38	2.30	2.32	1.98	ppb
Phosphorus	31-2	-13.65	-24.29	-16.51	-18.15		ppb
Potassium	39-2	2385.64	2371.23	2360.22	2372.37	0.54	ppb
Rhodium	103-1				108		%
Rhodium	103-2				107		%
Scandium	45-1				114		%
Scandium	45-2				112		%
Selenium	82-1	1.19	-0.12	-0.05	0.34	215.19	ppb
Selenium	77-2	-0.13	-1.33	2.33	0.29	644.28	ppb
Selenium	78-2	-0.26	1.13	-0.86	0.00	21181.20	ppb
Silicon	28-1	7995.59	8274.84	8119.53	8129.99	1.72	ppb
Silver	107-1	-0.02	-0.01	-0.01	-0.01		ppb
Silver	109-1	0.00	-0.01	-0.01	-0.01		ppb
Sodium	23-2	89861.65	86521.70	90250.89	88878.08	2.31	ppb
Strontium	86-1	212.89	233.49	224.59	223.66	4.62	ppb
Strontium	88-1	224.15	229.71	224.92	226.26	1.33	ppb
Sulfur	34-1	34845.07	36428.17	34658.46	35310.56	2.75	ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	203-1	-0.06	-0.06	-0.06	-0.06		ppb
Thallium	205-1	-0.06	-0.06	-0.05	-0.06		ppb
Tin	118-1	-0.35	-0.28	-0.33	-0.32		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-09	Instrumnet Name :	P8
Client Sample ID :	MH1E09	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 18:18:42	DataFile Name :	107AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.14	0.42	0.48	0.34	53.03	ppb
Uranium	238-1	1.38	1.53	1.43	1.45	5.33	ppb
Vanadium	51-2	0.39	0.35	0.33	0.36	8.61	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				108		%
Zinc	66-2	664.29	655.08	667.55	662.30	0.98	ppb
Zirconium	90-1	-0.01	0.01	0.01	0.01	179.92	ppb
Zirconium	91-1	-0.03	0.00	-0.01	-0.01		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-10	Instrumnet Name :	P8
Client Sample ID :	MH1E11	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 18:21:37	DataFile Name :	108AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.75	2.99	3.03	2.92	5.23	ppb
Antimony	121-1	4.37	4.20	4.58	4.39	4.33	ppb
Arsenic	75-2	3.11	2.98	3.03	3.04	2.14	ppb
Barium	135-1	43.29	43.46	47.03	44.59	4.74	ppb
Barium	137-1	43.60	42.57	46.80	44.33	4.97	ppb
Beryllium	9-1	-0.02	-0.04	-0.03	-0.03		ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Boron	10-1	34.14	34.75	40.49	36.46	9.61	ppb
Boron	11-1	33.65	37.13	41.75	37.51	10.83	ppb
Bromine	81-1						cps
Cadmium	111-1	0.23	0.09	0.24	0.18	46.35	ppb
Cadmium	106-1	1.05	-1.08	1.28	0.41	314.19	ppb
Cadmium	108-1	0.02	-0.10	0.46	0.13	229.26	ppb
Calcium	43-1	110224.97	104767.38	115885.68	110292.68	5.04	ppb
Calcium	44-1	106663.95	108124.49	114977.29	109921.91	4.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.29	0.31	0.36	0.32	12.22	ppb
Cobalt	59-2	0.17	0.15	0.17	0.16	4.84	ppb
Copper	63-2	0.71	0.76	0.74	0.73	3.57	ppb
Dysprosium	156-1						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				107		%
Indium	115-2				100		%
Iron	54-2	12.05	17.35	15.44	14.94	17.95	ppb
Iron	56-2	13.76	13.97	14.25	13.99	1.75	ppb
Iron	57-2	82.88	95.85	91.02	89.92	7.29	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-10	Instrumnet Name :	P8
Client Sample ID :	MH1E11	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 18:21:37	DataFile Name :	108AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.25	0.29	0.37	0.31	19.41	ppb
Lead	207-1	0.27	0.33	0.30	0.30	10.14	ppb
Lead	208-1	0.28	0.31	0.34	0.31	10.37	ppb
Lithium	6-1				121		%
Magnesium	24-2	22748.88	21900.54	22742.96	22464.13	2.17	ppb
Manganese	55-2	150.45	151.58	152.56	151.53	0.70	ppb
Molybdenum	94-1	1.43	1.41	1.41	1.42	0.88	ppb
Molybdenum	95-1	1.77	1.64	1.67	1.69	3.90	ppb
Molybdenum	96-1	1.55	1.45	1.92	1.64	15.25	ppb
Molybdenum	97-1	1.50	1.56	1.83	1.63	10.66	ppb
Molybdenum	98-1	1.55	1.55	1.71	1.60	5.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.22	1.39	1.37	1.33	7.06	ppb
Phosphorus	31-2	-15.39	-26.03	-14.99	-18.80		ppb
Potassium	39-2	2490.85	2449.29	2457.57	2465.90	0.89	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				109		%
Scandium	45-2				108		%
Selenium	82-1	0.92	-0.14	0.07	0.28	199.88	ppb
Selenium	77-2	1.23	3.78	-1.33	1.22	208.67	ppb
Selenium	78-2	0.65	-0.66	0.41	0.13	534.51	ppb
Silicon	28-1	7592.25	7116.83	8537.50	7748.86	9.33	ppb
Silver	107-1	-0.01	-0.01	-0.01	-0.01		ppb
Silver	109-1	-0.01	-0.01	-0.01	-0.01		ppb
Sodium	23-2	101002.79	98333.51	100143.95	99826.75	1.36	ppb
Strontium	86-1	399.19	395.13	423.34	405.89	3.76	ppb
Strontium	88-1	397.63	401.94	424.94	408.17	3.60	ppb
Sulfur	34-1	42660.08	39631.91	47761.00	43351.00	9.48	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	-0.05	-0.06	-0.07	-0.06		ppb
Thallium	205-1	-0.03	-0.03	-0.03	-0.03		ppb
Tin	118-1	-0.32	-0.27	-0.25	-0.28		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-10	Instrumnet Name :	P8
Client Sample ID :	MH1E11	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 18:21:37	DataFile Name :	108AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.25	0.33	0.32	0.30	13.97	ppb
Uranium	238-1	1.53	1.42	1.58	1.51	5.71	ppb
Vanadium	51-2	0.28	0.28	0.36	0.31	13.77	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				103		%
Zinc	66-2	479.37	477.60	467.50	474.82	1.35	ppb
Zirconium	90-1	0.02	0.01	0.03	0.02	60.92	ppb
Zirconium	91-1	0.03	0.02	0.06	0.03	60.47	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-11	Instrumnet Name :	P8
Client Sample ID :	MH1E13	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 18:24:35	DataFile Name :	109AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.24	1.92	2.13	2.10	7.77	ppb
Antimony	121-1	4.62	4.39	4.56	4.52	2.60	ppb
Arsenic	75-2	3.27	2.85	3.42	3.18	9.41	ppb
Barium	135-1	41.18	40.33	42.80	41.44	3.03	ppb
Barium	137-1	42.27	41.58	42.28	42.04	0.95	ppb
Beryllium	9-1	-0.02	0.00	-0.04	-0.02		ppb
Bismuth	209-1				106		%
Bismuth	209-2				101		%
Boron	10-1	33.55	36.29	37.63	35.82	5.82	ppb
Boron	11-1	34.54	37.79	38.08	36.80	5.35	ppb
Bromine	81-1						cps
Cadmium	111-1	0.14	0.26	0.17	0.19	31.29	ppb
Cadmium	106-1	-0.91	0.09	-1.12	-0.65		ppb
Cadmium	108-1	-0.30	-0.16	0.02	-0.15		ppb
Calcium	43-1	99624.71	109762.46	106211.05	105199.41	4.89	ppb
Calcium	44-1	99994.58	106234.79	107078.32	104435.90	3.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.44	0.42	0.42	0.43	2.86	ppb
Cobalt	59-2	0.13	0.14	0.14	0.14	3.94	ppb
Copper	63-2	0.60	0.56	0.54	0.57	5.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				103		%
Indium	115-1				112		%
Indium	115-2				101		%
Iron	54-2	6.05	6.06	6.67	6.26	5.63	ppb
Iron	56-2	6.60	6.27	6.22	6.37	3.23	ppb
Iron	57-2	77.46	83.95	89.93	83.78	7.45	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-11	Instrumnet Name :	P8
Client Sample ID :	MH1E13	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 18:24:35	DataFile Name :	109AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.90	1.82	2.13	1.95	8.13	ppb
Lead	207-1	1.98	1.94	2.20	2.04	7.00	ppb
Lead	208-1	1.93	1.98	2.19	2.03	6.67	ppb
Lithium	6-1				121		%
Magnesium	24-2	22532.51	22385.32	22308.96	22408.93	0.51	ppb
Manganese	55-2	140.31	141.31	140.91	140.84	0.36	ppb
Molybdenum	94-1	1.22	1.33	1.18	1.24	6.29	ppb
Molybdenum	95-1	1.51	1.59	1.36	1.49	7.87	ppb
Molybdenum	96-1	1.32	1.47	1.44	1.41	5.51	ppb
Molybdenum	97-1	1.60	1.51	1.61	1.57	3.39	ppb
Molybdenum	98-1	1.44	1.46	1.54	1.48	3.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.30	1.14	1.23	1.22	6.54	ppb
Phosphorus	31-2	-48.26	-12.72	-26.92	-29.30		ppb
Potassium	39-2	2304.06	2300.93	2371.35	2325.45	1.71	ppb
Rhodium	103-1				107		%
Rhodium	103-2				105		%
Scandium	45-1				109		%
Scandium	45-2				110		%
Selenium	82-1	0.64	0.28	2.53	1.15	105.29	ppb
Selenium	77-2	3.54	-0.07	1.14	1.54	119.65	ppb
Selenium	78-2	-0.10	-0.87	-2.12	-1.03		ppb
Silicon	28-1	7085.54	7023.14	7127.89	7078.86	0.74	ppb
Silver	107-1	0.00	-0.01	-0.01	-0.01		ppb
Silver	109-1	-0.01	-0.01	-0.01	-0.01		ppb
Sodium	23-2	96252.20	96416.68	99275.51	97314.80	1.75	ppb
Strontium	86-1	401.27	411.81	412.99	408.69	1.58	ppb
Strontium	88-1	386.33	413.52	422.73	407.53	4.64	ppb
Sulfur	34-1	43576.87	41972.44	43281.46	42943.59	1.99	ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	-0.05	-0.08	-0.04	-0.06		ppb
Thallium	205-1	-0.04	-0.06	-0.05	-0.05		ppb
Tin	118-1	-0.31	-0.36	-0.27	-0.31		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-11	Instrumnet Name :	P8
Client Sample ID :	MH1E13	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 18:24:35	DataFile Name :	109AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.39	0.31	0.38	0.36	11.20	ppb
Uranium	238-1	1.27	1.32	1.48	1.36	8.09	ppb
Vanadium	51-2	0.33	0.29	0.29	0.30	7.96	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				106		%
Zinc	66-2	379.16	376.91	382.63	379.56	0.76	ppb
Zirconium	90-1	0.02	0.01	0.00	0.01	86.07	ppb
Zirconium	91-1	-0.02	0.00	-0.02	-0.01		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	CCV075	Instrumnet Name :	P8
Client Sample ID :	CCV075	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 18:33:59	DataFile Name :	112CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52106.40	51743.15	52514.08	52121.21	0.74	ppb
Antimony	121-1	500.81	515.55	498.12	504.83	1.86	ppb
Arsenic	75-2	488.51	499.08	495.95	494.51	1.10	ppb
Barium	135-1	2585.93	2631.94	2570.68	2596.18	1.23	ppb
Barium	137-1	2605.98	2585.23	2561.19	2584.13	0.87	ppb
Beryllium	9-1	495.90	516.52	490.43	500.95	2.75	ppb
Bismuth	209-1				110		%
Bismuth	209-2				102		%
Boron	10-1	525.59	559.93	556.92	547.48	3.47	ppb
Boron	11-1	533.23	573.93	569.21	558.79	3.98	ppb
Bromine	81-1						cps
Cadmium	111-1	488.15	494.49	487.18	489.94	0.81	ppb
Cadmium	106-1	491.72	503.41	492.01	495.71	1.35	ppb
Cadmium	108-1	492.33	512.46	493.88	499.56	2.24	ppb
Calcium	43-1	255467.29	265833.69	252852.84	258051.27	2.66	ppb
Calcium	44-1	255831.59	265263.71	258289.68	259794.99	1.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	479.46	478.16	474.64	477.42	0.52	ppb
Cobalt	59-2	485.98	471.60	466.70	474.76	2.11	ppb
Copper	63-2	4669.76	4843.44	4731.99	4748.40	1.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				112		%
Indium	115-1				111		%
Indium	115-2				106		%
Iron	54-2	125085.22	126836.74	128094.99	126672.31	1.19	ppb
Iron	56-2	127741.06	127058.09	124329.30	126376.15	1.43	ppb
Iron	57-2	128148.77	125382.18	123590.31	125707.09	1.83	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	CCV075	Instrumnet Name :	P8
Client Sample ID :	CCV075	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 18:33:59	DataFile Name :	112CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2454.36	2467.58	2387.64	2436.53	1.76	ppb
Lead	207-1	2440.87	2508.97	2354.06	2434.63	3.19	ppb
Lead	208-1	2467.50	2499.56	2370.98	2446.01	2.74	ppb
Lithium	6-1				121		%
Magnesium	24-2	263699.11	265872.47	260336.41	263302.66	1.06	ppb
Manganese	55-2	4864.35	4856.54	4746.03	4822.31	1.37	ppb
Molybdenum	94-1	5445.89	5492.18	5337.96	5425.34	1.46	ppb
Molybdenum	95-1	5630.90	5518.76	5249.29	5466.32	3.59	ppb
Molybdenum	96-1	5599.83	5548.43	5210.15	5452.80	3.88	ppb
Molybdenum	97-1	5320.48	5655.50	5329.18	5435.05	3.51	ppb
Molybdenum	98-1	5349.94	5631.12	5250.56	5410.54	3.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	491.79	490.40	487.83	490.01	0.41	ppb
Phosphorus	31-2	9872.90	9835.96	9925.01	9877.96	0.45	ppb
Potassium	39-2	129756.89	129920.19	127067.61	128914.89	1.24	ppb
Rhodium	103-1				108		%
Rhodium	103-2				108		%
Scandium	45-1				114		%
Scandium	45-2				115		%
Selenium	82-1	520.03	526.56	505.69	517.43	2.06	ppb
Selenium	77-2	468.91	487.03	470.69	475.54	2.10	ppb
Selenium	78-2	508.55	531.26	524.50	521.43	2.24	ppb
Silicon	28-1	604.30	618.05	619.55	613.97	1.37	ppb
Silver	107-1	501.19	500.50	502.59	501.42	0.21	ppb
Silver	109-1	504.44	508.26	485.16	499.29	2.48	ppb
Sodium	23-2	264077.83	268476.62	263166.16	265240.20	1.07	ppb
Strontium	86-1	5006.87	5066.38	4913.56	4995.61	1.54	ppb
Strontium	88-1	5102.83	5082.25	4870.39	5018.49	2.56	ppb
Sulfur	34-1	10400.45	10747.78	9776.34	10308.19	4.78	ppb
Terbium	159-1				112		%
Terbium	159-2				111		%
Thallium	203-1	495.41	489.33	498.72	494.49	0.96	ppb
Thallium	205-1	490.96	488.15	474.78	484.63	1.78	ppb
Tin	118-1	492.82	517.10	510.57	506.83	2.48	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	CCV075	Instrumnet Name :	P8
Client Sample ID :	CCV075	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 18:33:59	DataFile Name :	112CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5444.66	5748.97	5460.36	5551.33	3.09	ppb
Uranium	238-1	503.03	509.00	497.08	503.03	1.18	ppb
Vanadium	51-2	486.45	489.78	492.28	489.50	0.60	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				112		%
Zinc	66-2	4670.76	4650.40	4619.74	4646.97	0.55	ppb
Zirconium	90-1	500.42	504.75	488.21	497.80	1.72	ppb
Zirconium	91-1	500.71	483.65	477.44	487.27	2.47	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	CCB075	Instrumnet Name :	P8
Client Sample ID :	CCB075	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 18:51:04	DataFile Name :	115CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.36	2.11	2.11	2.19	6.53	ppb
Antimony	121-1	0.07	0.08	0.09	0.08	14.78	ppb
Arsenic	75-2	-0.02	0.00	-0.05	-0.02		ppb
Barium	135-1	0.12	0.14	0.10	0.12	14.64	ppb
Barium	137-1	0.10	0.07	0.13	0.10	31.10	ppb
Beryllium	9-1	0.01	0.01	0.03	0.02	76.17	ppb
Bismuth	209-1				94		%
Bismuth	209-2				95		%
Boron	10-1	12.23	10.22	10.08	10.84	11.14	ppb
Boron	11-1	11.53	11.13	10.55	11.07	4.46	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.33	-0.10	-0.18	-0.20		ppb
Cadmium	106-1	-4.22	-0.87	-2.42	-2.50		ppb
Cadmium	108-1	0.40	0.48	0.13	0.34	55.62	ppb
Calcium	43-1	10.07	7.08	10.08	9.08	19.05	ppb
Calcium	44-1	6.05	6.60	5.78	6.15	6.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.39	0.31	0.33	0.34	11.65	ppb
Cobalt	59-2	0.04	0.01	0.01	0.02	90.97	ppb
Copper	63-2	0.28	0.39	0.30	0.32	18.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				97		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	54-2	2.03	3.22	5.93	3.73	53.54	ppb
Iron	56-2	1.54	1.51	1.68	1.58	5.70	ppb
Iron	57-2	3.39	0.05	1.09	1.51	113.37	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	CCB075	Instrumnet Name :	P8
Client Sample ID :	CCB075	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 18:51:04	DataFile Name :	115CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.11	0.18	0.13	0.14	26.60	ppb
Lead	207-1	0.17	0.22	0.19	0.19	12.66	ppb
Lead	208-1	0.15	0.17	0.14	0.16	10.52	ppb
Lithium	6-1				105		%
Magnesium	24-2	3.96	4.18	2.82	3.66	19.90	ppb
Manganese	55-2	0.27	0.22	0.30	0.26	14.66	ppb
Molybdenum	94-1	0.26	0.20	0.26	0.24	15.07	ppb
Molybdenum	95-1	0.12	0.09	0.13	0.11	17.33	ppb
Molybdenum	96-1	0.11	0.09	0.08	0.09	15.30	ppb
Molybdenum	97-1	0.10	0.11	0.18	0.13	33.78	ppb
Molybdenum	98-1	0.09	0.14	0.14	0.13	22.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.05	-0.01	-0.03		ppb
Phosphorus	31-2	-16.66	-23.42	-30.90	-23.66		ppb
Potassium	39-2	24.46	6.86	5.55	12.29	85.93	ppb
Rhodium	103-1				97		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-3.39	-0.07	0.19	-1.09		ppb
Selenium	77-2	-1.33	1.38	-1.33	-0.43		ppb
Selenium	78-2	-1.84	0.88	-1.84	-0.93		ppb
Silicon	28-1	18.68	13.28	15.36	15.77	17.26	ppb
Silver	107-1	0.00	0.01	0.00	0.00	157.64	ppb
Silver	109-1	-0.01	0.01	0.01	0.00	254.97	ppb
Sodium	23-2	69.46	60.83	58.29	62.86	9.31	ppb
Strontium	86-1	0.23	0.14	0.28	0.21	33.30	ppb
Strontium	88-1	0.17	0.18	0.18	0.18	4.16	ppb
Sulfur	34-1	1576.74	1027.56	1073.15	1225.82	24.86	ppb
Terbium	159-1				97		%
Terbium	159-2				98		%
Thallium	203-1	0.01	0.02	-0.04	0.00		ppb
Thallium	205-1	0.02	0.00	-0.01	0.00	597.87	ppb
Tin	118-1	0.01	-0.05	-0.07	-0.04		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	CCB075	Instrumnet Name :	P8
Client Sample ID :	CCB075	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 18:51:04	DataFile Name :	115CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.17	0.04	0.10	0.10	63.74	ppb
Uranium	238-1	0.01	0.03	0.01	0.02	42.62	ppb
Vanadium	51-2	0.02	0.01	0.01	0.01	48.91	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				98		%
Zinc	66-2	0.54	0.65	0.61	0.60	8.88	ppb
Zirconium	90-1	0.04	0.06	0.07	0.06	25.02	ppb
Zirconium	91-1	0.05	0.02	0.09	0.05	70.97	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-18LX5	Instrumnet Name :	P8
Client Sample ID :	MH1F88L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-19 19:11:13	DataFile Name :	120AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.80	17.72	18.97	18.83	5.56	ppb
Antimony	121-1	3.79	3.84	3.74	3.79	1.36	ppb
Arsenic	75-2	1.95	1.86	2.00	1.94	3.53	ppb
Barium	135-1	10.40	9.59	10.35	10.11	4.49	ppb
Barium	137-1	10.13	10.04	10.31	10.16	1.39	ppb
Beryllium	9-1	-0.01	-0.01	0.00	-0.01		ppb
Bismuth	209-1				93		%
Bismuth	209-2				96		%
Boron	10-1	15.62	16.67	17.42	16.57	5.45	ppb
Boron	11-1	17.24	17.77	17.64	17.55	1.57	ppb
Bromine	81-1						cps
Cadmium	111-1	1.09	1.15	1.02	1.09	6.04	ppb
Cadmium	106-1	-0.92	-1.52	-2.78	-1.74		ppb
Cadmium	108-1	1.86	0.96	1.79	1.54	32.43	ppb
Calcium	43-1	29846.27	31094.65	32097.76	31012.89	3.64	ppb
Calcium	44-1	30977.04	31749.37	31736.19	31487.54	1.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.42	0.52	0.35	0.43	19.85	ppb
Cobalt	59-2	0.07	0.05	0.07	0.06	18.96	ppb
Copper	63-2	3.18	2.98	3.22	3.13	4.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	54-2	63.92	60.41	72.72	65.68	9.65	ppb
Iron	56-2	61.96	64.29	64.44	63.56	2.18	ppb
Iron	57-2	76.87	72.75	89.37	79.66	10.86	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-18LX5	Instrumnet Name :	P8
Client Sample ID :	MH1F88L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-19 19:11:13	DataFile Name :	120AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	36.86	33.85	36.51	35.74	4.61	ppb
Lead	207-1	39.00	34.90	37.21	37.04	5.54	ppb
Lead	208-1	37.84	35.10	37.27	36.74	3.93	ppb
Lithium	6-1				104		%
Magnesium	24-2	7854.38	7882.12	8135.70	7957.40	1.95	ppb
Manganese	55-2	19.14	18.74	19.14	19.01	1.23	ppb
Molybdenum	94-1	0.22	0.18	0.36	0.25	37.27	ppb
Molybdenum	95-1	0.22	0.26	0.25	0.24	10.35	ppb
Molybdenum	96-1	0.21	0.29	0.29	0.26	18.52	ppb
Molybdenum	97-1	0.24	0.23	0.23	0.23	1.61	ppb
Molybdenum	98-1	0.20	0.19	0.25	0.21	14.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.22	0.27	0.21	0.23	12.89	ppb
Phosphorus	31-2	11.10	-0.26	13.04	7.96	90.26	ppb
Potassium	39-2	1044.33	1026.71	1062.31	1044.45	1.70	ppb
Rhodium	103-1				94		%
Rhodium	103-2				97		%
Scandium	45-1				98		%
Scandium	45-2				101		%
Selenium	82-1	-1.80	-0.32	-1.98	-1.37		ppb
Selenium	77-2	-1.33	-1.33	-1.33	-1.33		ppb
Selenium	78-2	-0.44	-0.67	0.12	-0.33		ppb
Silicon	28-1	1426.92	1489.76	1572.35	1496.34	4.87	ppb
Silver	107-1	0.19	0.20	0.18	0.19	7.38	ppb
Silver	109-1	0.14	0.22	0.16	0.17	23.56	ppb
Sodium	23-2	34183.74	35016.33	35292.82	34830.96	1.66	ppb
Strontium	86-1	152.21	154.80	148.36	151.79	2.13	ppb
Strontium	88-1	156.68	152.54	152.41	153.88	1.58	ppb
Sulfur	34-1	16352.16	16743.61	17021.94	16705.90	2.01	ppb
Terbium	159-1				95		%
Terbium	159-2				98		%
Thallium	203-1	0.04	0.03	0.03	0.03	28.02	ppb
Thallium	205-1	0.03	0.06	0.04	0.05	31.08	ppb
Tin	118-1	-0.10	-0.12	-0.14	-0.12		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-18LX5	Instrumnet Name :	P8
Client Sample ID :	MH1F88L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-19 19:11:13	DataFile Name :	120AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.15	0.49	0.38	0.34	51.18	ppb
Uranium	238-1	0.46	0.44	0.47	0.45	2.58	ppb
Vanadium	51-2	0.04	0.07	0.10	0.07	44.38	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				95		%
Yttrium	89-2				99		%
Zinc	66-2	347.30	344.93	349.45	347.23	0.65	ppb
Zirconium	90-1	0.01	0.03	0.03	0.02	63.11	ppb
Zirconium	91-1	0.02	0.05	0.05	0.04	39.07	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-12	Instrumnet Name :	P8
Client Sample ID :	MH1E15	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 19:15:22	DataFile Name :	121AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.72	4.08	3.79	3.87	4.85	ppb
Antimony	121-1	4.38	4.13	4.49	4.33	4.27	ppb
Arsenic	75-2	2.72	2.76	3.08	2.85	6.86	ppb
Barium	135-1	45.45	43.38	42.83	43.89	3.15	ppb
Barium	137-1	45.07	41.95	44.91	43.98	4.00	ppb
Beryllium	9-1	-0.03	-0.02	-0.03	-0.03		ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Boron	10-1	33.29	32.99	32.83	33.04	0.71	ppb
Boron	11-1	32.59	33.31	33.57	33.15	1.53	ppb
Bromine	81-1						cps
Cadmium	111-1	0.25	-0.16	-0.20	-0.03		ppb
Cadmium	106-1	1.12	-3.64	-3.65	-2.06		ppb
Cadmium	108-1	-0.41	-0.22	0.48	-0.05		ppb
Calcium	43-1	102448.20	106065.90	105253.35	104589.15	1.81	ppb
Calcium	44-1	107407.62	106101.94	105696.38	106401.98	0.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.27	0.33	0.32	0.31	9.81	ppb
Cobalt	59-2	0.16	0.13	0.13	0.14	15.20	ppb
Copper	63-2	0.38	0.36	0.35	0.36	4.50	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				108		%
Holmium	165-2				108		%
Indium	115-1				113		%
Indium	115-2				105		%
Iron	54-2	8.37	6.77	8.00	7.71	10.88	ppb
Iron	56-2	7.92	7.72	7.76	7.80	1.36	ppb
Iron	57-2	81.38	91.64	79.34	84.12	7.83	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-12	Instrumnet Name :	P8
Client Sample ID :	MH1E15	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 19:15:22	DataFile Name :	121AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.50	0.45	0.38	0.44	12.87	ppb
Lead	207-1	0.45	0.52	0.45	0.48	8.32	ppb
Lead	208-1	0.44	0.47	0.46	0.46	3.02	ppb
Lithium	6-1				123		%
Magnesium	24-2	23187.34	23087.71	22945.09	23073.38	0.53	ppb
Manganese	55-2	156.09	156.05	154.90	155.68	0.43	ppb
Molybdenum	94-1	1.08	1.35	1.15	1.19	11.49	ppb
Molybdenum	95-1	1.42	1.47	1.39	1.43	2.95	ppb
Molybdenum	96-1	1.29	1.35	1.39	1.34	3.45	ppb
Molybdenum	97-1	1.34	1.34	1.31	1.33	1.40	ppb
Molybdenum	98-1	1.41	1.32	1.31	1.35	3.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.02	1.04	0.99	1.02	2.60	ppb
Phosphorus	31-2	-38.07	-41.34	-12.63	-30.68		ppb
Potassium	39-2	2153.40	2127.26	2182.41	2154.36	1.28	ppb
Rhodium	103-1				109		%
Rhodium	103-2				106		%
Scandium	45-1				115		%
Scandium	45-2				111		%
Selenium	82-1	0.64	1.54	-0.02	0.72	109.05	ppb
Selenium	77-2	-1.33	1.07	1.21	0.31	455.19	ppb
Selenium	78-2	-0.11	-0.42	-0.94	-0.49		ppb
Silicon	28-1	6316.44	6606.03	6553.67	6492.05	2.38	ppb
Silver	107-1	0.00	-0.02	0.00	-0.01		ppb
Silver	109-1	-0.01	-0.01	0.00	0.00		ppb
Sodium	23-2	93904.47	96663.21	90663.93	93743.87	3.20	ppb
Strontium	86-1	431.01	418.90	405.69	418.53	3.03	ppb
Strontium	88-1	429.52	424.46	412.65	422.21	2.05	ppb
Sulfur	34-1	38003.80	38469.94	37173.31	37882.35	1.73	ppb
Terbium	159-1				109		%
Terbium	159-2				107		%
Thallium	203-1	-0.02	-0.03	-0.03	-0.03		ppb
Thallium	205-1	-0.03	-0.03	-0.03	-0.03		ppb
Tin	118-1	-0.35	-0.37	-0.34	-0.35		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-12	Instrumnet Name :	P8
Client Sample ID :	MH1E15	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 19:15:22	DataFile Name :	121AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.37	0.29	0.26	0.31	19.15	ppb
Uranium	238-1	1.47	1.53	1.37	1.45	5.58	ppb
Vanadium	51-2	0.35	0.35	0.37	0.36	4.22	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				108		%
Zinc	66-2	309.87	314.37	309.35	311.20	0.89	ppb
Zirconium	90-1	0.03	0.02	0.00	0.02	91.00	ppb
Zirconium	91-1	0.00	0.00	0.03	0.01	156.22	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-13	Instrumnet Name :	P8
Client Sample ID :	MH1E17	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 19:18:21	DataFile Name :	122AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.66	2.61	1.71	1.99	26.99	ppb
Antimony	121-1	4.52	4.43	4.59	4.51	1.70	ppb
Arsenic	75-2	3.14	2.96	3.00	3.03	3.07	ppb
Barium	135-1	44.40	45.50	44.99	44.97	1.22	ppb
Barium	137-1	46.52	45.26	46.42	46.07	1.52	ppb
Beryllium	9-1	-0.02	-0.02	-0.03	-0.02		ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Boron	10-1	33.13	36.03	37.06	35.41	5.75	ppb
Boron	11-1	35.25	36.21	37.10	36.19	2.55	ppb
Bromine	81-1						cps
Cadmium	111-1	0.08	-0.01	0.02	0.03	163.03	ppb
Cadmium	106-1	-0.01	-1.43	-1.05	-0.83		ppb
Cadmium	108-1	-0.09	-0.15	-0.21	-0.15		ppb
Calcium	43-1	110141.42	108962.96	108611.85	109238.74	0.73	ppb
Calcium	44-1	106598.12	111572.91	110985.12	109718.72	2.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.15	0.18	0.16	0.16	9.77	ppb
Cobalt	59-2	0.12	0.13	0.11	0.12	7.40	ppb
Copper	63-2	0.39	0.33	0.31	0.34	12.34	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				110		%
Holmium	165-2				109		%
Indium	115-1				108		%
Indium	115-2				104		%
Iron	54-2	7.14	6.31	6.71	6.72	6.18	ppb
Iron	56-2	7.83	7.22	7.07	7.37	5.44	ppb
Iron	57-2	77.48	74.15	83.14	78.26	5.81	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-13	Instrumnet Name :	P8
Client Sample ID :	MH1E17	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 19:18:21	DataFile Name :	122AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.39	0.38	0.44	0.40	7.67	ppb
Lead	207-1	0.44	0.48	0.45	0.45	4.22	ppb
Lead	208-1	0.44	0.44	0.45	0.44	1.64	ppb
Lithium	6-1				121		%
Magnesium	24-2	24224.94	23839.97	22542.96	23535.96	3.74	ppb
Manganese	55-2	152.34	150.05	146.43	149.61	1.99	ppb
Molybdenum	94-1	1.10	1.24	1.05	1.13	8.79	ppb
Molybdenum	95-1	1.35	1.35	1.19	1.30	7.21	ppb
Molybdenum	96-1	1.14	1.29	1.31	1.25	7.41	ppb
Molybdenum	97-1	1.31	1.55	1.48	1.45	8.61	ppb
Molybdenum	98-1	1.31	1.35	1.39	1.35	2.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.16	1.08	1.00	1.08	7.20	ppb
Phosphorus	31-2	-37.50	-27.24	-31.27	-32.00		ppb
Potassium	39-2	2267.00	2202.50	2186.31	2218.60	1.92	ppb
Rhodium	103-1				105		%
Rhodium	103-2				107		%
Scandium	45-1				112		%
Scandium	45-2				111		%
Selenium	82-1	0.53	1.69	0.70	0.97	64.54	ppb
Selenium	77-2	-1.33	5.82	2.28	2.25	158.68	ppb
Selenium	78-2	0.17	-0.80	-0.73	-0.45		ppb
Silicon	28-1	6703.13	6462.18	6668.97	6611.43	1.97	ppb
Silver	107-1	-0.01	0.00	-0.01	-0.01		ppb
Silver	109-1	0.00	-0.01	0.00	0.00		ppb
Sodium	23-2	96415.56	94151.66	95863.37	95476.86	1.24	ppb
Strontium	86-1	413.69	435.70	420.97	423.46	2.65	ppb
Strontium	88-1	417.38	424.37	421.58	421.11	0.84	ppb
Sulfur	34-1	42015.68	39274.67	39029.42	40106.59	4.13	ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	-0.06	-0.06	-0.05	-0.06		ppb
Thallium	205-1	-0.03	-0.02	-0.03	-0.03		ppb
Tin	118-1	-0.32	-0.34	-0.39	-0.35		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-13	Instrumnet Name :	P8
Client Sample ID :	MH1E17	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 19:18:21	DataFile Name :	122AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.39	0.37	0.31	0.36	11.24	ppb
Uranium	238-1	1.38	1.37	1.46	1.41	3.40	ppb
Vanadium	51-2	0.40	0.27	0.36	0.34	19.48	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				109		%
Zinc	66-2	303.79	300.99	293.01	299.26	1.87	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	41.13	ppb
Zirconium	91-1	0.04	0.00	0.04	0.03	87.91	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-14	Instrumnet Name :	P8
Client Sample ID :	MH1E19	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 19:21:16	DataFile Name :	123AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.19	2.84	3.33	3.12	8.06	ppb
Antimony	121-1	4.85	4.91	4.98	4.91	1.37	ppb
Arsenic	75-2	2.48	2.86	3.23	2.86	13.20	ppb
Barium	135-1	44.76	46.34	45.43	45.51	1.74	ppb
Barium	137-1	45.24	46.64	47.42	46.44	2.38	ppb
Beryllium	9-1	-0.01	-0.01	-0.02	-0.01		ppb
Bismuth	209-1				107		%
Bismuth	209-2				102		%
Boron	10-1	36.37	39.71	37.45	37.84	4.50	ppb
Boron	11-1	36.54	38.13	36.99	37.22	2.21	ppb
Bromine	81-1						cps
Cadmium	111-1	0.25	0.14	0.30	0.23	36.29	ppb
Cadmium	106-1	1.65	-1.16	1.56	0.69	233.33	ppb
Cadmium	108-1	0.28	-0.15	0.02	0.05	438.62	ppb
Calcium	43-1	107974.07	112000.33	108172.31	109382.24	2.07	ppb
Calcium	44-1	109881.11	111926.75	106247.28	109351.72	2.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.66	0.64	0.74	0.68	8.03	ppb
Cobalt	59-2	0.19	0.19	0.18	0.19	2.20	ppb
Copper	63-2	0.51	0.46	0.47	0.48	5.68	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				108		%
Indium	115-1				109		%
Indium	115-2				104		%
Iron	54-2	37.72	35.11	37.59	36.81	3.99	ppb
Iron	56-2	34.96	35.84	36.37	35.72	1.99	ppb
Iron	57-2	102.77	113.21	116.78	110.92	6.56	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-14	Instrumnet Name :	P8
Client Sample ID :	MH1E19	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 19:21:16	DataFile Name :	123AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.54	0.56	0.50	0.53	6.05	ppb
Lead	207-1	0.51	0.59	0.50	0.53	9.87	ppb
Lead	208-1	0.53	0.55	0.51	0.53	3.32	ppb
Lithium	6-1				121		%
Magnesium	24-2	24590.75	23532.34	25005.85	24376.31	3.12	ppb
Manganese	55-2	214.53	209.28	217.45	213.75	1.94	ppb
Molybdenum	94-1	1.80	1.63	1.50	1.64	9.24	ppb
Molybdenum	95-1	1.86	1.87	1.79	1.84	2.30	ppb
Molybdenum	96-1	1.76	1.67	1.59	1.67	4.88	ppb
Molybdenum	97-1	2.03	1.80	1.76	1.86	7.68	ppb
Molybdenum	98-1	1.75	1.71	1.80	1.75	2.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.28	1.17	1.19	1.21	4.84	ppb
Phosphorus	31-2	-19.75	-34.67	-33.74	-29.39		ppb
Potassium	39-2	2504.27	2467.72	2520.29	2497.42	1.08	ppb
Rhodium	103-1				106		%
Rhodium	103-2				107		%
Scandium	45-1				113		%
Scandium	45-2				111		%
Selenium	82-1	1.71	1.54	0.95	1.40	28.28	ppb
Selenium	77-2	2.19	2.20	2.54	2.31	8.64	ppb
Selenium	78-2	-1.54	-0.45	-0.59	-0.86		ppb
Silicon	28-1	6539.34	7047.72	6751.82	6779.63	3.77	ppb
Silver	107-1	-0.01	0.00	0.00	-0.01		ppb
Silver	109-1	0.00	-0.01	-0.01	-0.01		ppb
Sodium	23-2	99100.24	94863.48	102935.72	98966.48	4.08	ppb
Strontium	86-1	454.21	450.95	423.37	442.84	3.83	ppb
Strontium	88-1	436.64	451.35	425.44	437.81	2.97	ppb
Sulfur	34-1	40961.50	43057.64	42209.27	42076.14	2.51	ppb
Terbium	159-1				107		%
Terbium	159-2				108		%
Thallium	203-1	-0.01	-0.03	-0.05	-0.03		ppb
Thallium	205-1	-0.02	-0.02	-0.01	-0.01		ppb
Tin	118-1	-0.12	-0.04	-0.08	-0.08		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-14	Instrumnet Name :	P8
Client Sample ID :	MH1E19	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 19:21:16	DataFile Name :	123AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.37	0.49	0.43	0.43	13.73	ppb
Uranium	238-1	1.36	1.41	1.31	1.36	3.64	ppb
Vanadium	51-2	0.26	0.23	0.24	0.25	6.23	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				109		%
Zinc	66-2	319.98	307.37	311.70	313.02	2.05	ppb
Zirconium	90-1	0.02	0.01	0.01	0.01	44.87	ppb
Zirconium	91-1	-0.01	0.02	0.01	0.01	344.11	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-15	Instrumnet Name :	P8
Client Sample ID :	MH1E21	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 19:24:14	DataFile Name :	124AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.79	3.98	2.23	3.00	29.79	ppb
Antimony	121-1	5.34	5.55	5.77	5.55	3.95	ppb
Arsenic	75-2	5.63	5.28	5.55	5.49	3.32	ppb
Barium	135-1	55.78	56.01	59.35	57.05	3.50	ppb
Barium	137-1	57.36	57.87	58.69	57.97	1.16	ppb
Beryllium	9-1	-0.03	-0.02	-0.04	-0.03		ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Boron	10-1	35.38	36.15	36.93	36.15	2.14	ppb
Boron	11-1	35.39	37.87	37.37	36.88	3.57	ppb
Bromine	81-1						cps
Cadmium	111-1	0.01	-0.31	0.03	-0.09		ppb
Cadmium	106-1	-0.61	-4.28	0.69	-1.40		ppb
Cadmium	108-1	-0.26	-0.21	0.04	-0.15		ppb
Calcium	43-1	115196.94	112695.60	113364.50	113752.35	1.14	ppb
Calcium	44-1	113856.47	114010.11	110979.09	112948.56	1.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.10	0.09	0.08	0.09	13.32	ppb
Cobalt	59-2	0.28	0.24	0.27	0.27	7.25	ppb
Copper	63-2	0.30	0.26	0.26	0.27	8.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				107		%
Indium	115-1				111		%
Indium	115-2				103		%
Iron	54-2	85.04	81.96	87.86	84.95	3.48	ppb
Iron	56-2	85.45	86.62	85.07	85.71	0.94	ppb
Iron	57-2	157.90	151.77	170.15	159.94	5.85	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-15	Instrumnet Name :	P8
Client Sample ID :	MH1E21	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 19:24:14	DataFile Name :	124AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.58	0.52	0.55	0.55	5.43	ppb
Lead	207-1	0.43	0.51	0.55	0.50	12.89	ppb
Lead	208-1	0.55	0.51	0.55	0.54	3.88	ppb
Lithium	6-1				121		%
Magnesium	24-2	26293.39	25934.06	26188.04	26138.50	0.71	ppb
Manganese	55-2	434.31	426.94	426.99	429.41	0.99	ppb
Molybdenum	94-1	1.17	1.28	1.15	1.20	5.74	ppb
Molybdenum	95-1	1.23	1.43	1.27	1.31	7.90	ppb
Molybdenum	96-1	1.26	1.38	1.16	1.27	8.57	ppb
Molybdenum	97-1	1.24	1.41	1.28	1.31	7.01	ppb
Molybdenum	98-1	1.32	1.46	1.42	1.40	4.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.78	0.80	0.71	0.76	6.06	ppb
Phosphorus	31-2	-23.90	7.67	-15.81	-10.68		ppb
Potassium	39-2	2372.17	2283.77	2293.35	2316.43	2.09	ppb
Rhodium	103-1				108		%
Rhodium	103-2				108		%
Scandium	45-1				112		%
Scandium	45-2				111		%
Selenium	82-1	0.77	0.72	0.16	0.55	61.50	ppb
Selenium	77-2	-0.14	-0.11	-0.13	-0.12		ppb
Selenium	78-2	-1.21	-0.17	0.30	-0.36		ppb
Silicon	28-1	6758.75	6703.54	6226.31	6562.87	4.46	ppb
Silver	107-1	-0.01	-0.01	-0.01	-0.01		ppb
Silver	109-1	-0.01	-0.01	0.00	-0.01		ppb
Sodium	23-2	99406.20	102035.49	104490.16	101977.28	2.49	ppb
Strontium	86-1	478.73	516.12	515.93	503.59	4.28	ppb
Strontium	88-1	492.76	496.87	502.56	497.40	0.99	ppb
Sulfur	34-1	45349.87	42490.27	41746.25	43195.47	4.40	ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	-0.05	-0.06	-0.05	-0.05		ppb
Thallium	205-1	-0.03	-0.04	-0.04	-0.04		ppb
Tin	118-1	-0.35	-0.34	-0.30	-0.33		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-15	Instrumnet Name :	P8
Client Sample ID :	MH1E21	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 19:24:14	DataFile Name :	124AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.34	0.41	0.28	0.35	18.84	ppb
Uranium	238-1	1.26	1.33	1.32	1.31	2.84	ppb
Vanadium	51-2	0.16	0.21	0.20	0.19	12.97	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				109		%
Zinc	66-2	107.31	106.41	106.60	106.77	0.44	ppb
Zirconium	90-1	0.02	0.01	0.00	0.01	73.18	ppb
Zirconium	91-1	0.01	0.00	0.02	0.01	85.47	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-16	Instrumnet Name :	P8
Client Sample ID :	MH1E23	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 19:27:10	DataFile Name :	125AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.23	4.03	4.15	4.47	14.76	ppb
Antimony	121-1	1.66	1.68	1.70	1.68	1.18	ppb
Arsenic	75-2	1.89	1.86	1.94	1.90	2.17	ppb
Barium	135-1	57.89	56.17	56.05	56.70	1.81	ppb
Barium	137-1	59.94	56.16	58.27	58.12	3.26	ppb
Beryllium	9-1	-0.02	-0.02	-0.02	-0.02		ppb
Bismuth	209-1				105		%
Bismuth	209-2				98		%
Boron	10-1	37.11	36.84	38.51	37.49	2.40	ppb
Boron	11-1	38.04	40.28	38.59	38.97	2.99	ppb
Bromine	81-1						cps
Cadmium	111-1	0.10	0.06	-0.01	0.05	120.15	ppb
Cadmium	106-1	-1.34	-1.96	-2.91	-2.07		ppb
Cadmium	108-1	0.04	-0.47	-0.20	-0.21		ppb
Calcium	43-1	135110.91	138632.35	132998.83	135580.70	2.10	ppb
Calcium	44-1	134086.97	136703.02	132232.13	134340.70	1.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.51	0.55	0.45	0.50	10.55	ppb
Cobalt	59-2	0.06	0.07	0.08	0.07	12.41	ppb
Copper	63-2	0.62	0.74	0.65	0.67	9.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				104		%
Indium	115-1				110		%
Indium	115-2				101		%
Iron	54-2	9.90	11.50	9.18	10.19	11.62	ppb
Iron	56-2	10.28	9.88	9.30	9.82	5.00	ppb
Iron	57-2	107.53	98.95	98.83	101.77	4.90	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-16	Instrumnet Name :	P8
Client Sample ID :	MH1E23	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 19:27:10	DataFile Name :	125AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.94	1.00	1.01	0.98	3.88	ppb
Lead	207-1	1.05	1.01	1.01	1.02	2.23	ppb
Lead	208-1	1.00	1.02	0.99	1.01	1.19	ppb
Lithium	6-1				123		%
Magnesium	24-2	36829.71	35538.19	35107.08	35824.99	2.50	ppb
Manganese	55-2	37.94	37.93	38.19	38.02	0.38	ppb
Molybdenum	94-1	0.54	0.65	0.61	0.60	8.84	ppb
Molybdenum	95-1	0.63	0.60	0.70	0.64	7.88	ppb
Molybdenum	96-1	0.53	0.62	0.60	0.58	8.38	ppb
Molybdenum	97-1	0.59	0.72	0.57	0.63	12.69	ppb
Molybdenum	98-1	0.61	0.62	0.66	0.63	4.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.68	0.60	0.57	0.62	8.96	ppb
Phosphorus	31-2	-4.31	-4.67	-6.40	-5.13		ppb
Potassium	39-2	2117.19	2083.25	2030.56	2077.00	2.10	ppb
Rhodium	103-1				107		%
Rhodium	103-2				103		%
Scandium	45-1				113		%
Scandium	45-2				110		%
Selenium	82-1	2.04	1.37	2.27	1.89	24.76	ppb
Selenium	77-2	3.55	-0.07	-0.08	1.13	184.75	ppb
Selenium	78-2	1.38	-0.25	1.48	0.87	111.55	ppb
Silicon	28-1	5630.47	5629.66	5762.58	5674.24	1.35	ppb
Silver	107-1	-0.02	-0.01	-0.01	-0.01		ppb
Silver	109-1	0.00	0.00	-0.01	0.00		ppb
Sodium	23-2	107148.79	102327.32	99595.15	103023.75	3.71	ppb
Strontium	86-1	709.09	730.12	723.54	720.92	1.49	ppb
Strontium	88-1	710.35	743.20	725.85	726.47	2.26	ppb
Sulfur	34-1	47020.12	49802.60	48465.74	48429.49	2.87	ppb
Terbium	159-1				107		%
Terbium	159-2				102		%
Thallium	203-1	0.00	0.00	0.00	0.00	57.07	ppb
Thallium	205-1	0.02	0.00	0.03	0.02	68.83	ppb
Tin	118-1	-0.12	-0.13	-0.19	-0.14		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-16	Instrumnet Name :	P8
Client Sample ID :	MH1E23	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 19:27:10	DataFile Name :	125AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.40	0.51	0.33	0.41	22.58	ppb
Uranium	238-1	1.56	1.54	1.54	1.55	0.96	ppb
Vanadium	51-2	0.54	0.54	0.57	0.55	2.74	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				106		%
Zinc	66-2	87.64	84.63	85.78	86.02	1.76	ppb
Zirconium	90-1	0.01	0.03	0.02	0.02	61.08	ppb
Zirconium	91-1	-0.02	0.01	0.05	0.01	229.23	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-17	Instrumnet Name :	P8
Client Sample ID :	MH1E25	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 19:30:08	DataFile Name :	126AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.53	2.78	2.64	2.99	16.01	ppb
Antimony	121-1	1.37	1.55	1.50	1.47	6.32	ppb
Arsenic	75-2	1.64	1.68	1.97	1.77	10.25	ppb
Barium	135-1	52.36	55.09	53.55	53.67	2.55	ppb
Barium	137-1	53.05	55.31	52.99	53.79	2.46	ppb
Beryllium	9-1	-0.03	-0.03	-0.01	-0.02		ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Boron	10-1	36.46	37.91	39.02	37.80	3.40	ppb
Boron	11-1	38.36	37.48	40.83	38.89	4.46	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.10	-0.10	0.00	-0.07		ppb
Cadmium	106-1	-1.40	-2.37	-1.02	-1.60		ppb
Cadmium	108-1	-0.21	-0.36	-0.27	-0.28		ppb
Calcium	43-1	134328.75	135334.58	137488.58	135717.30	1.19	ppb
Calcium	44-1	133816.70	134234.27	138831.95	135627.64	2.05	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.29	0.31	0.36	0.32	11.29	ppb
Cobalt	59-2	0.13	0.11	0.13	0.12	6.52	ppb
Copper	63-2	0.48	0.46	0.36	0.43	14.52	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				105		%
Holmium	165-2				109		%
Indium	115-1				110		%
Indium	115-2				105		%
Iron	54-2	88.31	89.66	88.25	88.74	0.90	ppb
Iron	56-2	89.42	89.26	87.44	88.71	1.24	ppb
Iron	57-2	185.43	191.38	187.31	188.04	1.62	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-17	Instrumnet Name :	P8
Client Sample ID :	MH1E25	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 19:30:08	DataFile Name :	126AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.64	0.58	0.60	0.61	4.90	ppb
Lead	207-1	0.59	0.65	0.62	0.62	4.53	ppb
Lead	208-1	0.63	0.62	0.63	0.63	1.44	ppb
Lithium	6-1				124		%
Magnesium	24-2	39080.49	37659.12	36665.30	37801.63	3.21	ppb
Manganese	55-2	68.52	68.87	69.13	68.84	0.44	ppb
Molybdenum	94-1	0.48	0.61	0.60	0.56	12.42	ppb
Molybdenum	95-1	0.55	0.58	0.61	0.58	5.57	ppb
Molybdenum	96-1	0.60	0.57	0.60	0.59	3.27	ppb
Molybdenum	97-1	0.53	0.60	0.69	0.61	12.73	ppb
Molybdenum	98-1	0.56	0.58	0.66	0.60	8.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.53	0.45	0.50	0.49	8.37	ppb
Phosphorus	31-2	-10.32	-24.13	-38.02	-24.16		ppb
Potassium	39-2	2158.69	2064.64	2081.08	2101.47	2.39	ppb
Rhodium	103-1				106		%
Rhodium	103-2				108		%
Scandium	45-1				112		%
Scandium	45-2				112		%
Selenium	82-1	0.48	-0.30	0.18	0.12	328.93	ppb
Selenium	77-2	2.21	-1.33	1.07	0.65	278.48	ppb
Selenium	78-2	0.44	-1.30	0.25	-0.20		ppb
Silicon	28-1	6719.65	6182.56	6439.45	6447.22	4.17	ppb
Silver	107-1	0.00	0.00	0.01	0.00	754.64	ppb
Silver	109-1	0.00	0.00	0.00	0.00	896.48	ppb
Sodium	23-2	96825.57	91752.09	91847.56	93475.07	3.10	ppb
Strontium	86-1	812.76	806.64	823.13	814.18	1.02	ppb
Strontium	88-1	776.86	793.59	809.41	793.29	2.05	ppb
Sulfur	34-1	54273.93	50803.00	51101.59	52059.50	3.69	ppb
Terbium	159-1				109		%
Terbium	159-2				107		%
Thallium	203-1	-0.03	-0.02	-0.02	-0.02		ppb
Thallium	205-1	-0.01	0.02	0.00	0.00	784.78	ppb
Tin	118-1	-0.31	-0.28	-0.31	-0.30		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-17	Instrumnet Name :	P8
Client Sample ID :	MH1E25	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 19:30:08	DataFile Name :	126AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.28	0.46	0.39	0.38	23.95	ppb
Uranium	238-1	1.35	1.40	1.47	1.41	4.33	ppb
Vanadium	51-2	0.45	0.48	0.50	0.48	5.68	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				110		%
Zinc	66-2	71.11	70.18	72.16	71.15	1.40	ppb
Zirconium	90-1	0.02	0.01	0.03	0.02	41.23	ppb
Zirconium	91-1	0.01	0.02	0.03	0.02	36.79	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-18RE	Instrumnet Name :	P8
Client Sample ID :	MH1E27	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 19:33:03	DataFile Name :	127AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.83	3.34	2.96	3.05	8.76	ppb
Antimony	121-1	2.51	2.46	2.53	2.50	1.35	ppb
Arsenic	75-2	2.05	2.74	2.55	2.45	14.51	ppb
Barium	135-1	56.02	59.81	59.15	58.33	3.47	ppb
Barium	137-1	58.31	61.31	57.05	58.89	3.71	ppb
Beryllium	9-1	-0.03	-0.02	-0.03	-0.03		ppb
Bismuth	209-1				110		%
Bismuth	209-2				102		%
Boron	10-1	38.96	38.80	40.09	39.28	1.79	ppb
Boron	11-1	40.23	40.91	41.64	40.93	1.73	ppb
Bromine	81-1						cps
Cadmium	111-1	0.26	0.25	0.02	0.18	79.12	ppb
Cadmium	106-1	0.67	-0.15	-3.62	-1.03		ppb
Cadmium	108-1	0.03	0.20	-0.28	-0.02		ppb
Calcium	43-1	140554.88	138437.28	140690.70	139894.29	0.90	ppb
Calcium	44-1	138454.35	137887.15	140130.41	138823.97	0.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.68	0.76	0.68	0.71	6.38	ppb
Cobalt	59-2	0.11	0.11	0.09	0.11	10.72	ppb
Copper	63-2	0.58	0.50	0.50	0.53	8.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				109		%
Indium	115-1				116		%
Indium	115-2				105		%
Iron	54-2	8.90	11.80	7.86	9.52	21.45	ppb
Iron	56-2	9.71	9.22	8.93	9.29	4.24	ppb
Iron	57-2	98.46	106.37	116.09	106.97	8.26	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-18RE	Instrumnet Name :	P8
Client Sample ID :	MH1E27	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 19:33:03	DataFile Name :	127AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2.33	2.32	2.32	2.32	0.20	ppb
Lead	207-1	2.50	2.27	2.24	2.34	6.20	ppb
Lead	208-1	2.46	2.38	2.37	2.41	1.91	ppb
Lithium	6-1				129		%
Magnesium	24-2	37074.43	36526.27	36122.33	36574.34	1.31	ppb
Manganese	55-2	62.88	64.01	62.88	63.26	1.03	ppb
Molybdenum	94-1	0.73	0.66	0.54	0.64	15.11	ppb
Molybdenum	95-1	0.64	0.61	0.63	0.63	1.96	ppb
Molybdenum	96-1	0.56	0.49	0.70	0.59	17.75	ppb
Molybdenum	97-1	0.63	0.53	0.74	0.63	17.23	ppb
Molybdenum	98-1	0.64	0.61	0.74	0.66	10.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.55	0.70	0.73	0.66	14.38	ppb
Phosphorus	31-2	-28.64	-17.88	-35.12	-27.21		ppb
Potassium	39-2	2116.68	2131.67	2152.18	2133.51	0.84	ppb
Rhodium	103-1				112		%
Rhodium	103-2				108		%
Scandium	45-1				116		%
Scandium	45-2				114		%
Selenium	82-1	1.12	0.83	0.30	0.75	55.18	ppb
Selenium	77-2	-0.15	-1.33	2.37	0.29	644.30	ppb
Selenium	78-2	-0.75	0.90	0.23	0.13	657.60	ppb
Silicon	28-1	6211.51	5832.39	5748.57	5930.82	4.16	ppb
Silver	107-1	0.00	0.01	-0.01	0.00	445.12	ppb
Silver	109-1	-0.01	-0.01	0.01	-0.01		ppb
Sodium	23-2	105958.79	103987.64	104030.95	104659.13	1.08	ppb
Strontium	86-1	743.41	704.97	745.48	731.29	3.12	ppb
Strontium	88-1	753.68	710.71	720.38	728.26	3.10	ppb
Sulfur	34-1	52020.35	49975.11	47648.84	49881.43	4.38	ppb
Terbium	159-1				113		%
Terbium	159-2				105		%
Thallium	203-1	0.02	-0.03	-0.02	-0.01		ppb
Thallium	205-1	0.01	0.00	0.01	0.01	70.09	ppb
Tin	118-1	-0.05	0.00	-0.03	-0.03		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-18RE	Instrumnet Name :	P8
Client Sample ID :	MH1E27	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 19:33:03	DataFile Name :	127AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.34	0.18	0.23	0.25	31.95	ppb
Uranium	238-1	1.59	1.51	1.58	1.56	3.07	ppb
Vanadium	51-2	0.51	0.59	0.61	0.57	9.61	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				116		%
Yttrium	89-2				109		%
Zinc	66-2	110.37	109.04	107.72	109.04	1.22	ppb
Zirconium	90-1	0.03	0.01	0.01	0.02	62.49	ppb
Zirconium	91-1	0.07	0.02	0.00	0.03	129.95	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-19	Instrumnet Name :	P8
Client Sample ID :	MH1E29	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 19:36:01	DataFile Name :	128AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.96	1.50	2.88	2.44	33.46	ppb
Antimony	121-1	4.81	5.07	5.40	5.09	5.80	ppb
Arsenic	75-2	2.94	2.50	2.71	2.72	8.01	ppb
Barium	135-1	49.22	51.55	55.32	52.03	5.92	ppb
Barium	137-1	51.43	52.48	54.30	52.74	2.76	ppb
Beryllium	9-1	-0.03	-0.03	-0.02	-0.03		ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Boron	10-1	37.75	38.05	38.57	38.12	1.09	ppb
Boron	11-1	37.61	38.56	41.15	39.11	4.69	ppb
Bromine	81-1						cps
Cadmium	111-1	0.14	0.04	0.09	0.09	54.34	ppb
Cadmium	106-1	-0.52	-1.21	-1.25	-0.99		ppb
Cadmium	108-1	-0.16	-0.25	0.26	-0.05		ppb
Calcium	43-1	119915.58	121221.82	119071.99	120069.80	0.90	ppb
Calcium	44-1	118575.28	118205.70	117060.26	117947.08	0.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.26	0.32	0.27	0.28	11.50	ppb
Cobalt	59-2	0.26	0.28	0.25	0.26	6.69	ppb
Copper	63-2	0.38	0.42	0.43	0.41	6.70	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				110		%
Holmium	165-2				106		%
Indium	115-1				112		%
Indium	115-2				103		%
Iron	54-2	24.83	24.84	27.76	25.81	6.54	ppb
Iron	56-2	25.52	24.36	25.18	25.02	2.39	ppb
Iron	57-2	97.94	92.01	114.17	101.37	11.32	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-19	Instrumnet Name :	P8
Client Sample ID :	MH1E29	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 19:36:01	DataFile Name :	128AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.87	0.99	0.92	0.93	6.62	ppb
Lead	207-1	1.02	0.89	1.00	0.97	7.08	ppb
Lead	208-1	0.94	0.98	0.98	0.97	2.29	ppb
Lithium	6-1				125		%
Magnesium	24-2	28668.01	27538.61	28111.20	28105.94	2.01	ppb
Manganese	55-2	199.68	198.85	203.46	200.66	1.22	ppb
Molybdenum	94-1	1.09	0.94	1.13	1.05	9.79	ppb
Molybdenum	95-1	1.31	1.18	1.34	1.28	6.80	ppb
Molybdenum	96-1	1.14	1.24	1.25	1.21	4.94	ppb
Molybdenum	97-1	1.23	1.24	1.40	1.29	7.74	ppb
Molybdenum	98-1	1.33	1.19	1.21	1.24	6.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.08	1.05	1.14	1.09	4.16	ppb
Phosphorus	31-2	-24.53	-31.10	-30.03	-28.55		ppb
Potassium	39-2	2246.45	2247.52	2273.69	2255.89	0.68	ppb
Rhodium	103-1				109		%
Rhodium	103-2				107		%
Scandium	45-1				113		%
Scandium	45-2				111		%
Selenium	82-1	0.74	0.60	-0.19	0.38	129.93	ppb
Selenium	77-2	2.32	-0.14	2.34	1.51	94.45	ppb
Selenium	78-2	1.92	-2.41	0.63	0.05	4836.43	ppb
Silicon	28-1	6546.63	6645.14	6435.15	6542.31	1.61	ppb
Silver	107-1	0.01	-0.01	0.00	0.00		ppb
Silver	109-1	-0.01	-0.01	-0.01	-0.01		ppb
Sodium	23-2	100630.40	101161.28	104818.77	102203.48	2.23	ppb
Strontium	86-1	542.54	530.41	537.96	536.97	1.14	ppb
Strontium	88-1	539.22	525.49	546.16	536.95	1.96	ppb
Sulfur	34-1	46146.25	46627.40	45489.71	46087.79	1.24	ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	0.00	-0.01	-0.04	-0.02		ppb
Thallium	205-1	0.01	-0.02	-0.01	-0.01		ppb
Tin	118-1	-0.26	-0.23	-0.19	-0.23		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-19	Instrumnet Name :	P8
Client Sample ID :	MH1E29	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 19:36:01	DataFile Name :	128AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.35	0.37	0.26	0.33	17.85	ppb
Uranium	238-1	1.49	1.47	1.46	1.47	1.09	ppb
Vanadium	51-2	0.23	0.24	0.28	0.25	9.74	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				109		%
Zinc	66-2	246.46	242.94	249.66	246.35	1.36	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	65.56	ppb
Zirconium	91-1	0.01	0.04	0.02	0.02	74.40	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-20	Instrumnet Name :	P8
Client Sample ID :	MH1E31	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 19:38:57	DataFile Name :	129AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.32	3.71	3.03	3.35	10.19	ppb
Antimony	121-1	5.25	4.99	4.73	4.99	5.30	ppb
Arsenic	75-2	2.77	2.98	2.80	2.85	4.05	ppb
Barium	135-1	52.33	51.62	47.03	50.33	5.72	ppb
Barium	137-1	51.73	52.31	48.83	50.96	3.65	ppb
Beryllium	9-1	-0.03	-0.03	-0.02	-0.03		ppb
Bismuth	209-1				104		%
Bismuth	209-2				100		%
Boron	10-1	37.27	37.13	40.22	38.21	4.57	ppb
Boron	11-1	37.54	37.85	40.10	38.49	3.62	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.03	0.12	0.03	0.04	204.25	ppb
Cadmium	106-1	-2.25	-0.43	-1.65	-1.45		ppb
Cadmium	108-1	0.04	0.01	-0.01	0.01	186.56	ppb
Calcium	43-1	121809.41	119945.57	122222.67	121325.88	1.00	ppb
Calcium	44-1	121055.98	121719.19	119184.57	120653.24	1.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.23	0.25	0.22	0.24	6.38	ppb
Cobalt	59-2	0.24	0.26	0.21	0.24	9.28	ppb
Copper	63-2	0.47	0.40	0.38	0.42	11.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				105		%
Indium	115-1				111		%
Indium	115-2				102		%
Iron	54-2	26.08	24.44	27.53	26.02	5.94	ppb
Iron	56-2	26.70	26.81	26.96	26.82	0.48	ppb
Iron	57-2	110.26	115.54	115.52	113.77	2.67	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-20	Instrumnet Name :	P8
Client Sample ID :	MH1E31	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 19:38:57	DataFile Name :	129AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.98	0.98	0.86	0.94	7.58	ppb
Lead	207-1	1.03	0.93	1.00	0.98	5.23	ppb
Lead	208-1	0.99	0.98	0.93	0.97	3.43	ppb
Lithium	6-1				123		%
Magnesium	24-2	28240.04	28766.34	28065.26	28357.22	1.29	ppb
Manganese	55-2	241.66	234.22	241.93	239.27	1.83	ppb
Molybdenum	94-1	0.98	1.11	1.06	1.05	6.17	ppb
Molybdenum	95-1	1.29	1.08	1.28	1.21	9.62	ppb
Molybdenum	96-1	1.26	1.15	1.28	1.23	6.06	ppb
Molybdenum	97-1	1.35	1.45	1.21	1.33	9.08	ppb
Molybdenum	98-1	1.25	1.28	1.22	1.25	2.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.97	0.89	0.89	0.92	4.50	ppb
Phosphorus	31-2	-27.88	-20.78	-40.98	-29.88		ppb
Potassium	39-2	2253.07	2262.33	2273.70	2263.03	0.46	ppb
Rhodium	103-1				106		%
Rhodium	103-2				105		%
Scandium	45-1				110		%
Scandium	45-2				112		%
Selenium	82-1	1.45	1.66	0.46	1.19	53.50	ppb
Selenium	77-2	-0.14	-1.33	-0.12	-0.53		ppb
Selenium	78-2	-1.97	-0.58	1.46	-0.36		ppb
Silicon	28-1	6528.98	6380.60	6235.14	6381.58	2.30	ppb
Silver	107-1	-0.01	0.00	0.00	0.00		ppb
Silver	109-1	-0.01	-0.01	-0.01	-0.01		ppb
Sodium	23-2	102215.84	106101.57	103804.85	104040.75	1.88	ppb
Strontium	86-1	555.57	545.88	541.94	547.80	1.28	ppb
Strontium	88-1	554.78	533.46	527.49	538.58	2.66	ppb
Sulfur	34-1	47393.54	45980.11	44598.86	45990.84	3.04	ppb
Terbium	159-1				108		%
Terbium	159-2				103		%
Thallium	203-1	-0.02	-0.04	-0.03	-0.03		ppb
Thallium	205-1	0.00	-0.01	0.00	0.00		ppb
Tin	118-1	-0.38	-0.42	-0.41	-0.41		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-20	Instrumnet Name :	P8
Client Sample ID :	MH1E31	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 19:38:57	DataFile Name :	129AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.39	0.39	0.26	0.35	22.55	ppb
Uranium	238-1	1.49	1.48	1.45	1.47	1.19	ppb
Vanadium	51-2	0.28	0.25	0.28	0.27	7.07	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				108		%
Zinc	66-2	263.01	255.58	257.17	258.59	1.51	ppb
Zirconium	90-1	0.02	0.02	0.00	0.01	62.10	ppb
Zirconium	91-1	-0.02	0.03	0.03	0.01	258.56	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-21	Instrumnet Name :	P8
Client Sample ID :	MH1E31D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 19:41:54	DataFile Name :	130AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.03	4.47	3.32	3.61	21.17	ppb
Antimony	121-1	5.19	5.30	5.18	5.22	1.29	ppb
Arsenic	75-2	2.88	3.04	2.91	2.94	2.89	ppb
Barium	135-1	52.82	52.85	50.15	51.94	2.98	ppb
Barium	137-1	50.73	52.05	51.48	51.42	1.29	ppb
Beryllium	9-1	-0.02	-0.02	-0.02	-0.02		ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Boron	10-1	38.13	37.86	37.90	37.96	0.39	ppb
Boron	11-1	38.71	41.25	38.01	39.32	4.34	ppb
Bromine	81-1						cps
Cadmium	111-1	0.10	0.11	-0.18	0.01	1782.72	ppb
Cadmium	106-1	-0.48	-0.54	-4.69	-1.90		ppb
Cadmium	108-1	-0.14	0.20	-0.36	-0.10		ppb
Calcium	43-1	122378.56	119530.38	126162.00	122690.31	2.71	ppb
Calcium	44-1	123584.52	120266.96	122524.43	122125.30	1.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.22	0.20	0.23	0.22	8.02	ppb
Cobalt	59-2	0.25	0.25	0.26	0.25	2.54	ppb
Copper	63-2	0.45	0.43	0.47	0.45	4.66	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				106		%
Holmium	165-2				105		%
Indium	115-1				108		%
Indium	115-2				102		%
Iron	54-2	25.25	27.84	24.33	25.81	7.06	ppb
Iron	56-2	26.50	26.84	27.55	26.96	1.99	ppb
Iron	57-2	103.38	109.71	108.30	107.13	3.10	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-21	Instrumnet Name :	P8
Client Sample ID :	MH1E31D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 19:41:54	DataFile Name :	130AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.01	0.98	0.99	1.00	1.45	ppb
Lead	207-1	1.00	0.98	1.07	1.02	4.46	ppb
Lead	208-1	1.05	1.00	1.03	1.03	2.65	ppb
Lithium	6-1				124		%
Magnesium	24-2	27220.26	28245.34	29050.72	28172.11	3.26	ppb
Manganese	55-2	235.64	248.72	244.62	243.00	2.75	ppb
Molybdenum	94-1	1.12	1.10	1.01	1.08	5.20	ppb
Molybdenum	95-1	1.19	1.21	1.37	1.26	7.80	ppb
Molybdenum	96-1	1.10	1.20	1.11	1.14	4.72	ppb
Molybdenum	97-1	1.30	1.23	1.31	1.28	3.04	ppb
Molybdenum	98-1	1.14	1.27	1.22	1.21	5.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.86	0.84	0.86	0.85	1.02	ppb
Phosphorus	31-2	-31.58	-19.91	-34.08	-28.52		ppb
Potassium	39-2	2201.28	2214.37	2285.99	2233.88	2.04	ppb
Rhodium	103-1				102		%
Rhodium	103-2				107		%
Scandium	45-1				111		%
Scandium	45-2				111		%
Selenium	82-1	0.44	-0.58	-0.16	-0.10		ppb
Selenium	77-2	-0.11	1.08	-1.33	-0.12		ppb
Selenium	78-2	-1.27	-1.82	-0.18	-1.09		ppb
Silicon	28-1	6218.07	6425.98	6677.87	6440.64	3.57	ppb
Silver	107-1	-0.01	-0.01	-0.01	-0.01		ppb
Silver	109-1	-0.01	-0.01	-0.01	-0.01		ppb
Sodium	23-2	99198.43	107631.07	104286.97	103705.49	4.09	ppb
Strontium	86-1	529.89	544.12	562.53	545.51	3.00	ppb
Strontium	88-1	531.75	537.77	544.80	538.10	1.21	ppb
Sulfur	34-1	46246.24	45151.24	47312.26	46236.58	2.34	ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	-0.03	-0.02	-0.03	-0.03		ppb
Thallium	205-1	0.00	-0.01	-0.01	-0.01		ppb
Tin	118-1	-0.43	-0.45	-0.40	-0.42		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-21	Instrumnet Name :	P8
Client Sample ID :	MH1E31D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 19:41:54	DataFile Name :	130AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.40	0.29	0.50	0.40	27.27	ppb
Uranium	238-1	1.50	1.48	1.51	1.50	1.15	ppb
Vanadium	51-2	0.23	0.25	0.24	0.24	3.59	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				108		%
Zinc	66-2	258.26	266.47	267.51	264.08	1.92	ppb
Zirconium	90-1	0.00	0.02	0.02	0.02	62.45	ppb
Zirconium	91-1	-0.01	0.02	0.03	0.01	132.48	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-20LX5	Instrumnet Name :	P8
Client Sample ID :	MH1E31L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-19 19:44:50	DataFile Name :	131AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.91	2.39	1.48	1.93	23.74	ppb
Antimony	121-1	0.99	0.97	0.99	0.98	1.41	ppb
Arsenic	75-2	0.50	0.64	0.42	0.52	21.65	ppb
Barium	135-1	9.83	9.98	10.51	10.11	3.55	ppb
Barium	137-1	9.93	10.35	10.03	10.10	2.16	ppb
Beryllium	9-1	-0.03	-0.03	-0.02	-0.03		ppb
Bismuth	209-1				101		%
Bismuth	209-2				96		%
Boron	10-1	12.76	11.64	12.05	12.15	4.67	ppb
Boron	11-1	12.31	11.52	12.32	12.05	3.79	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.03	-0.10	-0.21	-0.11		ppb
Cadmium	106-1	-0.69	-1.45	-2.79	-1.65		ppb
Cadmium	108-1	-0.29	-0.12	-0.35	-0.25		ppb
Calcium	43-1	23017.36	22673.76	24324.31	23338.48	3.73	ppb
Calcium	44-1	23767.84	23516.82	23906.75	23730.47	0.83	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.23	0.21	0.18	0.21	12.21	ppb
Cobalt	59-2	0.04	0.04	0.03	0.04	17.27	ppb
Copper	63-2	0.12	0.12	0.11	0.12	3.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				104		%
Indium	115-2				98		%
Iron	54-2	6.55	6.00	7.53	6.69	11.55	ppb
Iron	56-2	6.58	5.83	5.33	5.91	10.68	ppb
Iron	57-2	19.19	25.71	25.10	23.33	15.44	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-20LX5	Instrumnet Name :	P8
Client Sample ID :	MH1E31L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-19 19:44:50	DataFile Name :	131AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.09	0.20	0.15	0.15	34.87	ppb
Lead	207-1	0.18	0.13	0.16	0.16	15.89	ppb
Lead	208-1	0.15	0.20	0.15	0.17	17.40	ppb
Lithium	6-1				120		%
Magnesium	24-2	6091.40	5972.20	5805.82	5956.47	2.41	ppb
Manganese	55-2	50.23	49.07	49.40	49.57	1.21	ppb
Molybdenum	94-1	0.14	0.22	0.22	0.19	24.72	ppb
Molybdenum	95-1	0.18	0.24	0.22	0.21	12.71	ppb
Molybdenum	96-1	0.20	0.22	0.27	0.23	16.07	ppb
Molybdenum	97-1	0.25	0.15	0.23	0.21	24.56	ppb
Molybdenum	98-1	0.24	0.20	0.23	0.23	9.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.10	0.16	0.08	0.12	33.73	ppb
Phosphorus	31-2	-46.61	-11.52	-28.10	-28.75		ppb
Potassium	39-2	482.97	467.13	456.53	468.88	2.84	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				106		%
Scandium	45-2				103		%
Selenium	82-1	1.23	-0.28	-0.06	0.30	274.06	ppb
Selenium	77-2	2.58	-1.33	-1.33	-0.03		ppb
Selenium	78-2	-1.71	0.50	-0.73	-0.65		ppb
Silicon	28-1	1179.31	1180.68	1273.06	1211.02	4.44	ppb
Silver	107-1	-0.01	-0.02	-0.02	-0.02		ppb
Silver	109-1	-0.02	-0.01	-0.01	-0.01		ppb
Sodium	23-2	21764.95	21349.17	21516.62	21543.58	0.97	ppb
Strontium	86-1	102.99	109.11	109.12	107.08	3.30	ppb
Strontium	88-1	105.70	104.81	109.25	106.59	2.20	ppb
Sulfur	34-1	12973.14	12328.82	14100.83	13134.26	6.83	ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	-0.05	-0.06	-0.06	-0.06		ppb
Thallium	205-1	-0.03	-0.04	-0.04	-0.04		ppb
Tin	118-1	-0.24	-0.25	-0.25	-0.24		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-20LX5	Instrumnet Name :	P8
Client Sample ID :	MH1E31L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-19 19:44:50	DataFile Name :	131AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.09	0.03	0.08	0.06	49.31	ppb
Uranium	238-1	0.29	0.29	0.28	0.29	1.01	ppb
Vanadium	51-2	0.05	0.04	0.03	0.04	26.84	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				101		%
Zinc	66-2	56.01	52.58	53.55	54.05	3.27	ppb
Zirconium	90-1	-0.01	0.01	0.00	0.00		ppb
Zirconium	91-1	-0.01	-0.01	-0.01	-0.01		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-22	Instrumnet Name :	P8
Client Sample ID :	MH1E31S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 19:47:50	DataFile Name :	132AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2031.50	2186.83	2491.43	2236.58	10.46	ppb
Antimony	121-1	106.58	105.92	108.71	107.07	1.36	ppb
Arsenic	75-2	42.26	45.90	52.80	46.99	11.39	ppb
Barium	135-1	2152.79	1996.95	2145.47	2098.40	4.19	ppb
Barium	137-1	2095.85	2084.46	2117.99	2099.43	0.81	ppb
Beryllium	9-1	45.57	47.89	43.94	45.80	4.34	ppb
Bismuth	209-1				102		%
Bismuth	209-2				88		%
Boron	10-1	33.60	36.87	34.51	34.99	4.83	ppb
Boron	11-1	34.12	36.85	34.95	35.31	3.97	ppb
Bromine	81-1						cps
Cadmium	111-1	50.00	47.55	50.54	49.36	3.23	ppb
Cadmium	106-1	45.56	36.08	43.38	41.67	11.92	ppb
Cadmium	108-1	43.04	41.93	43.56	42.84	1.95	ppb
Calcium	43-1	109880.28	115004.92	114117.91	113001.04	2.42	ppb
Calcium	44-1	113508.16	115691.99	115299.37	114833.17	1.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	193.26	203.73	230.47	209.15	9.17	ppb
Cobalt	59-2	479.12	517.83	579.30	525.42	9.61	ppb
Copper	63-2	232.15	249.31	275.36	252.27	8.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				95		%
Indium	115-1				106		%
Indium	115-2				92		%
Iron	54-2	1193.43	1294.89	1469.08	1319.13	10.57	ppb
Iron	56-2	1053.81	1091.84	1233.71	1126.45	8.42	ppb
Iron	57-2	1105.17	1188.46	1361.19	1218.28	10.72	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-22	Instrumnet Name :	P8
Client Sample ID :	MH1E31S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 19:47:50	DataFile Name :	132AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	18.76	19.16	19.43	19.12	1.78	ppb
Lead	207-1	20.17	20.53	20.37	20.36	0.88	ppb
Lead	208-1	19.40	19.60	19.80	19.60	1.01	ppb
Lithium	6-1				123		%
Magnesium	24-2	27560.89	29873.34	33534.71	30322.98	9.93	ppb
Manganese	55-2	697.22	736.41	849.84	761.16	10.41	ppb
Molybdenum	94-1	1.06	1.07	1.04	1.06	1.58	ppb
Molybdenum	95-1	1.20	1.32	1.12	1.21	8.37	ppb
Molybdenum	96-1	1.19	1.22	1.17	1.19	1.93	ppb
Molybdenum	97-1	1.16	1.26	1.28	1.23	5.37	ppb
Molybdenum	98-1	1.04	1.31	1.28	1.21	12.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	472.81	504.12	580.96	519.30	10.72	ppb
Phosphorus	31-2	-37.45	-9.89	-4.45	-17.26		ppb
Potassium	39-2	2128.42	2283.42	2600.33	2337.39	10.29	ppb
Rhodium	103-1				102		%
Rhodium	103-2				97		%
Scandium	45-1				111		%
Scandium	45-2				100		%
Selenium	82-1	85.18	86.27	85.39	85.61	0.68	ppb
Selenium	77-2	99.27	102.33	135.80	112.47	18.02	ppb
Selenium	78-2	93.29	105.16	117.96	105.47	11.70	ppb
Silicon	28-1	5853.91	5739.61	6115.02	5902.85	3.26	ppb
Silver	107-1	34.39	35.11	35.92	35.14	2.18	ppb
Silver	109-1	35.45	35.37	37.13	35.98	2.75	ppb
Sodium	23-2	98752.71	107236.37	119744.27	108577.78	9.73	ppb
Strontium	86-1	499.76	537.54	515.78	517.70	3.66	ppb
Strontium	88-1	502.78	513.45	500.78	505.67	1.35	ppb
Sulfur	34-1	41149.86	40656.11	44172.15	41992.71	4.53	ppb
Terbium	159-1				104		%
Terbium	159-2				95		%
Thallium	203-1	47.91	48.17	48.88	48.32	1.04	ppb
Thallium	205-1	47.76	46.85	49.44	48.01	2.74	ppb
Tin	118-1	-0.28	-0.37	-0.26	-0.31		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-22	Instrumnet Name :	P8
Client Sample ID :	MH1E31S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 19:47:50	DataFile Name :	132AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.33	0.31	0.26	0.30	11.21	ppb
Uranium	238-1	1.42	1.40	1.45	1.42	1.72	ppb
Vanadium	51-2	479.44	511.82	572.20	521.15	9.03	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				96		%
Zinc	66-2	706.51	746.62	826.14	759.75	8.01	ppb
Zirconium	90-1	-0.01	0.01	0.03	0.01	225.28	ppb
Zirconium	91-1	0.05	0.00	0.05	0.04	76.57	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-18	Instrumnet Name :	P8
Client Sample ID :	MH1E27	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 19:50:45	DataFile Name :	133AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.12	3.17	3.13	2.81	21.15	ppb
Antimony	121-1	2.34	2.48	2.40	2.41	2.96	ppb
Arsenic	75-2	2.30	2.51	2.39	2.40	4.52	ppb
Barium	135-1	54.73	57.44	56.90	56.36	2.54	ppb
Barium	137-1	54.86	57.90	59.35	57.37	4.00	ppb
Beryllium	9-1	-0.02	-0.02	-0.02	-0.02		ppb
Bismuth	209-1				102		%
Bismuth	209-2				96		%
Boron	10-1	35.01	39.84	37.92	37.59	6.46	ppb
Boron	11-1	36.55	39.29	39.72	38.52	4.46	ppb
Bromine	81-1						cps
Cadmium	111-1	0.06	0.47	0.22	0.25	81.86	ppb
Cadmium	106-1	-2.66	2.40	0.13	-0.04		ppb
Cadmium	108-1	-0.02	-0.24	0.09	-0.06		ppb
Calcium	43-1	135542.87	137849.71	131433.07	134941.88	2.41	ppb
Calcium	44-1	139175.22	138437.32	136064.55	137892.36	1.18	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.69	0.67	0.73	0.70	4.27	ppb
Cobalt	59-2	0.12	0.13	0.13	0.13	3.29	ppb
Copper	63-2	0.61	0.64	0.63	0.63	2.30	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				106		%
Holmium	165-2				102		%
Indium	115-1				107		%
Indium	115-2				100		%
Iron	54-2	9.48	10.38	10.17	10.01	4.72	ppb
Iron	56-2	9.03	10.13	9.43	9.53	5.83	ppb
Iron	57-2	96.52	97.79	105.90	100.07	5.09	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-18	Instrumnet Name :	P8
Client Sample ID :	MH1E27	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 19:50:45	DataFile Name :	133AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2.39	2.20	2.35	2.32	4.39	ppb
Lead	207-1	2.43	2.34	2.30	2.35	2.77	ppb
Lead	208-1	2.42	2.37	2.40	2.40	1.21	ppb
Lithium	6-1				121		%
Magnesium	24-2	36014.36	36766.35	36931.17	36570.63	1.34	ppb
Manganese	55-2	62.72	62.50	62.41	62.54	0.25	ppb
Molybdenum	94-1	0.56	0.59	0.65	0.60	7.66	ppb
Molybdenum	95-1	0.63	0.71	0.65	0.66	6.12	ppb
Molybdenum	96-1	0.66	0.70	0.62	0.66	5.58	ppb
Molybdenum	97-1	0.62	0.59	0.55	0.58	5.55	ppb
Molybdenum	98-1	0.65	0.59	0.75	0.66	12.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.65	0.61	0.70	0.65	6.75	ppb
Phosphorus	31-2	-5.60	-7.76	-33.20	-15.52		ppb
Potassium	39-2	2072.10	2078.95	2100.53	2083.86	0.71	ppb
Rhodium	103-1				104		%
Rhodium	103-2				101		%
Scandium	45-1				111		%
Scandium	45-2				109		%
Selenium	82-1	0.54	0.02	1.97	0.84	119.10	ppb
Selenium	77-2	-1.33	-1.33	1.17	-0.50		ppb
Selenium	78-2	-1.08	0.04	-0.01	-0.35		ppb
Silicon	28-1	5423.31	5555.28	5783.61	5587.40	3.26	ppb
Silver	107-1	0.12	0.07	0.05	0.08	45.01	ppb
Silver	109-1	0.10	0.06	0.06	0.08	29.19	ppb
Sodium	23-2	103271.05	104711.80	100777.40	102920.08	1.93	ppb
Strontium	86-1	687.69	716.94	734.89	713.17	3.34	ppb
Strontium	88-1	688.47	719.20	702.03	703.23	2.19	ppb
Sulfur	34-1	48217.36	51094.73	50817.67	50043.25	3.17	ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	0.02	0.03	0.01	0.02	49.23	ppb
Thallium	205-1	0.02	0.04	0.01	0.02	50.32	ppb
Tin	118-1	0.00	0.06	-0.04	0.01	670.27	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-18	Instrumnet Name :	P8
Client Sample ID :	MH1E27	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 19:50:45	DataFile Name :	133AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.19	0.27	0.23	0.23	15.62	ppb
Uranium	238-1	1.52	1.58	1.58	1.56	2.34	ppb
Vanadium	51-2	0.60	0.64	0.68	0.64	6.74	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				105		%
Zinc	66-2	104.40	104.67	105.91	104.99	0.77	ppb
Zirconium	90-1	0.02	0.04	0.02	0.03	53.41	ppb
Zirconium	91-1	0.04	0.01	0.03	0.03	52.61	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-20	Instrumnet Name :	P8
Client Sample ID :	MH1F88S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 19:53:43	DataFile Name :	134AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2210.78	2162.80	2176.33	2183.30	1.13	ppb
Antimony	121-1	122.82	125.88	124.51	124.40	1.23	ppb
Arsenic	75-2	52.10	52.18	49.56	51.28	2.91	ppb
Barium	135-1	2169.50	2139.85	2133.98	2147.78	0.89	ppb
Barium	137-1	2124.18	2157.89	2150.85	2144.30	0.83	ppb
Beryllium	9-1	49.34	48.13	50.04	49.17	1.97	ppb
Bismuth	209-1				97		%
Bismuth	209-2				93		%
Boron	10-1	56.98	58.72	63.57	59.76	5.72	ppb
Boron	11-1	58.74	62.40	66.35	62.49	6.10	ppb
Bromine	81-1						cps
Cadmium	111-1	58.24	57.20	56.79	57.41	1.31	ppb
Cadmium	106-1	50.35	48.31	38.02	45.56	14.50	ppb
Cadmium	108-1	50.23	50.86	53.17	51.42	3.01	ppb
Calcium	43-1	151430.32	159328.97	153989.58	154916.29	2.60	ppb
Calcium	44-1	154048.87	160027.56	155916.50	156664.31	1.95	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	197.62	196.83	197.62	197.36	0.23	ppb
Cobalt	59-2	504.98	485.76	495.63	495.46	1.94	ppb
Copper	63-2	258.70	249.55	254.12	254.12	1.80	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				100		%
Indium	115-1				101		%
Indium	115-2				96		%
Iron	54-2	1551.87	1465.09	1478.89	1498.62	3.11	ppb
Iron	56-2	1346.36	1358.87	1356.28	1353.84	0.49	ppb
Iron	57-2	1444.36	1398.87	1408.20	1417.14	1.70	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-20	Instrumnet Name :	P8
Client Sample ID :	MH1F88S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 19:53:43	DataFile Name :	134AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	195.70	193.61	195.31	194.87	0.57	ppb
Lead	207-1	202.64	193.64	198.00	198.09	2.27	ppb
Lead	208-1	201.76	195.95	200.06	199.26	1.50	ppb
Lithium	6-1				117		%
Magnesium	24-2	39518.93	38914.85	38837.94	39090.58	0.95	ppb
Manganese	55-2	589.69	561.26	561.53	570.83	2.86	ppb
Molybdenum	94-1	1.23	1.25	1.03	1.17	10.49	ppb
Molybdenum	95-1	1.17	1.12	1.04	1.11	6.00	ppb
Molybdenum	96-1	1.09	1.16	1.22	1.15	5.89	ppb
Molybdenum	97-1	1.31	1.22	1.40	1.31	6.57	ppb
Molybdenum	98-1	1.11	1.29	1.21	1.20	7.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	487.03	492.60	480.71	486.78	1.22	ppb
Phosphorus	31-2	23.92	15.13	26.61	21.89	27.45	ppb
Potassium	39-2	5205.91	5089.80	5105.63	5133.78	1.23	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				106		%
Scandium	45-2				106		%
Selenium	82-1	87.90	90.36	92.16	90.14	2.38	ppb
Selenium	77-2	117.72	89.61	111.15	106.16	13.85	ppb
Selenium	78-2	98.43	104.53	101.99	101.65	3.01	ppb
Silicon	28-1	7224.95	7531.41	7197.09	7317.82	2.53	ppb
Silver	107-1	37.73	38.22	38.49	38.15	1.00	ppb
Silver	109-1	36.64	39.28	38.14	38.02	3.49	ppb
Sodium	23-2	175179.48	177325.14	172690.52	175065.05	1.32	ppb
Strontium	86-1	738.07	787.02	779.13	768.07	3.42	ppb
Strontium	88-1	751.79	756.39	767.62	758.60	1.07	ppb
Sulfur	34-1	54845.15	56998.35	55994.78	55946.09	1.93	ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	52.72	51.13	51.41	51.75	1.64	ppb
Thallium	205-1	53.59	50.98	50.47	51.68	3.24	ppb
Tin	118-1	0.02	0.03	0.04	0.03	34.85	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-20	Instrumnet Name :	P8
Client Sample ID :	MH1F88S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 19:53:43	DataFile Name :	134AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.22	2.35	2.84	2.47	13.15	ppb
Uranium	238-1	2.16	2.19	2.14	2.16	1.15	ppb
Vanadium	51-2	508.03	485.11	491.09	494.74	2.40	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				103		%
Zinc	66-2	2179.61	2098.82	2129.39	2135.94	1.91	ppb
Zirconium	90-1	0.10	0.11	0.08	0.10	15.46	ppb
Zirconium	91-1	0.17	0.13	0.15	0.15	11.33	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-22	Instrumnet Name :	P8
Client Sample ID :	MH1E72S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 19:58:13	DataFile Name :	135AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2244.50	2221.15	2182.94	2216.20	1.40	ppb
Antimony	121-1	116.37	118.21	117.24	117.27	0.79	ppb
Arsenic	75-2	48.44	47.12	50.03	48.53	3.00	ppb
Barium	135-1	2296.61	2334.86	2208.98	2280.15	2.83	ppb
Barium	137-1	2319.06	2276.12	2167.08	2254.09	3.48	ppb
Beryllium	9-1	51.51	50.77	50.05	50.78	1.43	ppb
Bismuth	209-1				106		%
Bismuth	209-2				99		%
Boron	10-1	35.92	37.49	36.09	36.50	2.37	ppb
Boron	11-1	37.49	37.55	37.70	37.58	0.28	ppb
Bromine	81-1						cps
Cadmium	111-1	53.73	55.22	54.10	54.35	1.44	ppb
Cadmium	106-1	41.66	43.67	51.65	45.66	11.58	ppb
Cadmium	108-1	47.34	49.96	43.67	46.99	6.72	ppb
Calcium	43-1	127696.77	119999.61	120686.09	122794.16	3.47	ppb
Calcium	44-1	128640.86	124217.55	125015.02	125957.81	1.87	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	208.33	200.11	201.28	203.24	2.19	ppb
Cobalt	59-2	527.35	521.66	530.95	526.65	0.89	ppb
Copper	63-2	252.57	252.33	244.10	249.66	1.93	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				110		%
Holmium	165-2				108		%
Indium	115-1				111		%
Indium	115-2				104		%
Iron	54-2	1597.57	1591.02	1541.71	1576.77	1.94	ppb
Iron	56-2	1461.28	1467.40	1392.51	1440.40	2.89	ppb
Iron	57-2	1486.54	1471.50	1448.47	1468.83	1.31	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-22	Instrumnet Name :	P8
Client Sample ID :	MH1E72S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 19:58:13	DataFile Name :	135AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	50.23	51.54	52.55	51.44	2.26	ppb
Lead	207-1	50.87	52.09	53.18	52.05	2.22	ppb
Lead	208-1	50.52	52.56	53.84	52.31	3.20	ppb
Lithium	6-1				124		%
Magnesium	24-2	32325.97	30241.11	30138.81	30901.96	3.99	ppb
Manganese	55-2	643.00	642.24	637.70	640.98	0.45	ppb
Molybdenum	94-1	1.24	1.25	1.06	1.18	9.10	ppb
Molybdenum	95-1	0.95	1.19	1.10	1.08	11.13	ppb
Molybdenum	96-1	1.27	1.16	1.12	1.18	6.86	ppb
Molybdenum	97-1	1.23	1.10	1.17	1.17	5.51	ppb
Molybdenum	98-1	1.11	1.03	1.13	1.09	4.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	516.00	496.08	497.79	503.29	2.19	ppb
Phosphorus	31-2	11.96	25.94	32.83	23.58	45.09	ppb
Potassium	39-2	2482.57	2492.19	2439.96	2471.58	1.12	ppb
Rhodium	103-1				108		%
Rhodium	103-2				108		%
Scandium	45-1				114		%
Scandium	45-2				111		%
Selenium	82-1	91.51	93.93	94.48	93.31	1.69	ppb
Selenium	77-2	91.58	105.21	122.94	106.58	14.76	ppb
Selenium	78-2	94.06	96.61	98.84	96.50	2.48	ppb
Silicon	28-1	7296.28	7021.10	7062.20	7126.53	2.08	ppb
Silver	107-1	37.89	39.23	37.52	38.21	2.36	ppb
Silver	109-1	38.48	38.20	37.71	38.13	1.03	ppb
Sodium	23-2	109087.71	104583.38	103288.18	105653.09	2.88	ppb
Strontium	86-1	584.24	573.59	613.80	590.54	3.53	ppb
Strontium	88-1	581.46	578.50	602.70	587.55	2.25	ppb
Sulfur	34-1	48584.47	45256.23	46196.23	46678.97	3.68	ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	50.37	51.15	50.99	50.84	0.82	ppb
Thallium	205-1	51.09	52.21	53.92	52.41	2.71	ppb
Tin	118-1	-0.06	-0.06	-0.07	-0.06		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-22	Instrumnet Name :	P8
Client Sample ID :	MH1E72S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 19:58:13	DataFile Name :	135AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.37	1.24	1.47	1.36	8.36	ppb
Uranium	238-1	1.50	1.51	1.57	1.52	2.47	ppb
Vanadium	51-2	517.67	526.04	516.12	519.95	1.03	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				109		%
Zinc	66-2	785.55	773.16	771.42	776.71	0.99	ppb
Zirconium	90-1	0.07	0.06	0.07	0.07	7.41	ppb
Zirconium	91-1	0.09	0.07	0.16	0.11	39.40	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-22	Instrumnet Name :	P8
Client Sample ID :	MH1F12S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 20:04:04	DataFile Name :	137AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2247.46	2174.05	2194.39	2205.30	1.72	ppb
Antimony	121-1	124.09	121.27	125.56	123.64	1.76	ppb
Arsenic	75-2	51.73	48.61	50.15	50.16	3.11	ppb
Barium	135-1	2190.37	2132.43	2322.55	2215.12	4.40	ppb
Barium	137-1	2157.23	2086.15	2219.50	2154.30	3.10	ppb
Beryllium	9-1	48.36	47.65	47.49	47.84	0.97	ppb
Bismuth	209-1				99		%
Bismuth	209-2				95		%
Boron	10-1	41.94	41.90	42.13	41.99	0.28	ppb
Boron	11-1	42.35	42.05	42.89	42.43	1.00	ppb
Bromine	81-1						cps
Cadmium	111-1	59.29	56.69	59.10	58.36	2.48	ppb
Cadmium	106-1	56.18	44.94	45.94	49.02	12.69	ppb
Cadmium	108-1	54.89	49.78	52.54	52.40	4.88	ppb
Calcium	43-1	168076.92	170889.43	165371.60	168112.65	1.64	ppb
Calcium	44-1	169867.76	169408.34	167278.96	168851.69	0.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	201.63	198.12	200.51	200.09	0.90	ppb
Cobalt	59-2	515.72	517.52	499.61	510.95	1.93	ppb
Copper	63-2	248.00	244.95	251.52	248.16	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				103		%
Holmium	165-2				100		%
Indium	115-1				105		%
Indium	115-2				97		%
Iron	54-2	1487.76	1459.40	1428.32	1458.49	2.04	ppb
Iron	56-2	1346.74	1264.01	1313.83	1308.19	3.18	ppb
Iron	57-2	1367.99	1300.54	1366.28	1344.94	2.86	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-22	Instrumnet Name :	P8
Client Sample ID :	MH1F12S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 20:04:04	DataFile Name :	137AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	102.81	101.00	99.96	101.26	1.42	ppb
Lead	207-1	105.69	103.63	102.30	103.87	1.65	ppb
Lead	208-1	102.97	102.68	103.09	102.91	0.20	ppb
Lithium	6-1				120		%
Magnesium	24-2	41385.03	41104.18	41198.64	41229.28	0.35	ppb
Manganese	55-2	605.25	596.12	593.36	598.24	1.04	ppb
Molybdenum	94-1	1.48	1.38	1.30	1.39	6.55	ppb
Molybdenum	95-1	1.35	1.15	1.14	1.21	9.68	ppb
Molybdenum	96-1	1.20	1.37	1.35	1.31	7.09	ppb
Molybdenum	97-1	1.40	1.28	1.29	1.32	5.00	ppb
Molybdenum	98-1	1.35	1.39	1.31	1.35	3.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	497.86	487.86	494.55	493.42	1.03	ppb
Phosphorus	31-2	-2.88	10.57	-2.45	1.75	437.51	ppb
Potassium	39-2	2635.51	2546.28	2611.98	2597.92	1.78	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				107		%
Scandium	45-2				106		%
Selenium	82-1	85.43	86.19	88.43	86.69	1.80	ppb
Selenium	77-2	101.02	90.21	93.66	94.96	5.81	ppb
Selenium	78-2	96.48	94.49	95.22	95.40	1.06	ppb
Silicon	28-1	7951.89	7488.57	7676.77	7705.74	3.02	ppb
Silver	107-1	37.04	35.25	37.28	36.52	3.03	ppb
Silver	109-1	37.47	36.21	37.98	37.22	2.45	ppb
Sodium	23-2	150688.11	145064.05	149401.48	148384.55	1.99	ppb
Strontium	86-1	797.49	766.06	832.76	798.77	4.18	ppb
Strontium	88-1	806.25	790.82	803.47	800.18	1.03	ppb
Sulfur	34-1	63573.37	63656.98	66586.17	64605.50	2.66	ppb
Terbium	159-1				104		%
Terbium	159-2				99		%
Thallium	203-1	52.28	51.47	50.09	51.28	2.15	ppb
Thallium	205-1	51.59	50.01	49.88	50.50	1.88	ppb
Tin	118-1	-0.11	-0.17	-0.13	-0.14		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-22	Instrumnet Name :	P8
Client Sample ID :	MH1F12S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 20:04:04	DataFile Name :	137AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.20	2.14	2.39	2.24	5.79	ppb
Uranium	238-1	2.46	2.42	2.46	2.45	1.02	ppb
Vanadium	51-2	505.34	491.27	501.28	499.30	1.45	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				101		%
Zinc	66-2	2733.02	2672.02	2644.28	2683.11	1.69	ppb
Zirconium	90-1	0.09	0.07	0.10	0.09	18.60	ppb
Zirconium	91-1	0.17	0.13	0.12	0.14	16.06	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	CCV076	Instrumnet Name :	P8
Client Sample ID :	CCV076	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 20:15:13	DataFile Name :	140CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53222.22	51570.76	49618.39	51470.46	3.50	ppb
Antimony	121-1	493.82	501.21	491.02	495.35	1.06	ppb
Arsenic	75-2	499.23	488.49	499.37	495.70	1.26	ppb
Barium	135-1	2480.48	2492.82	2435.55	2469.62	1.22	ppb
Barium	137-1	2597.39	2434.01	2408.96	2480.12	4.13	ppb
Beryllium	9-1	459.57	490.42	475.22	475.07	3.25	ppb
Bismuth	209-1				104		%
Bismuth	209-2				99		%
Boron	10-1	507.23	542.78	535.20	528.41	3.54	ppb
Boron	11-1	500.47	565.62	548.70	538.26	6.28	ppb
Bromine	81-1						cps
Cadmium	111-1	479.91	464.32	474.34	472.86	1.67	ppb
Cadmium	106-1	505.08	484.59	457.88	482.52	4.91	ppb
Cadmium	108-1	466.36	486.06	472.73	475.05	2.12	ppb
Calcium	43-1	249992.55	238795.14	250796.01	246527.90	2.72	ppb
Calcium	44-1	254883.54	244540.78	250563.36	249995.90	2.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	477.86	473.97	470.41	474.08	0.79	ppb
Cobalt	59-2	467.21	469.95	470.39	469.18	0.37	ppb
Copper	63-2	4742.49	4703.67	4703.25	4716.47	0.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				111		%
Indium	115-1				110		%
Indium	115-2				105		%
Iron	54-2	125284.44	128539.09	123983.71	125935.75	1.86	ppb
Iron	56-2	125059.42	126129.06	122847.57	124678.68	1.34	ppb
Iron	57-2	124262.57	126997.29	126378.28	125879.38	1.14	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	CCV076	Instrumnet Name :	P8
Client Sample ID :	CCV076	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 20:15:13	DataFile Name :	140CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2379.22	2425.09	2440.36	2414.89	1.32	ppb
Lead	207-1	2409.20	2478.82	2437.18	2441.73	1.43	ppb
Lead	208-1	2433.57	2450.63	2445.34	2443.18	0.36	ppb
Lithium	6-1				122		%
Magnesium	24-2	266147.84	264299.51	253789.06	261412.14	2.55	ppb
Manganese	55-2	4676.53	4960.20	4819.87	4818.87	2.94	ppb
Molybdenum	94-1	5102.31	5171.23	5485.49	5253.01	3.89	ppb
Molybdenum	95-1	5073.53	5219.08	5486.49	5259.70	3.98	ppb
Molybdenum	96-1	5140.86	5053.26	5465.18	5219.77	4.16	ppb
Molybdenum	97-1	5260.58	5179.34	5679.83	5373.25	5.00	ppb
Molybdenum	98-1	5341.95	5271.50	5766.01	5459.82	4.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	494.70	488.12	477.94	486.92	1.73	ppb
Phosphorus	31-2	9711.13	9915.37	10111.57	9912.69	2.02	ppb
Potassium	39-2	127094.34	131088.79	129092.93	129092.02	1.55	ppb
Rhodium	103-1				108		%
Rhodium	103-2				105		%
Scandium	45-1				115		%
Scandium	45-2				112		%
Selenium	82-1	465.86	468.55	495.49	476.63	3.44	ppb
Selenium	77-2	456.70	406.45	439.10	434.08	5.87	ppb
Selenium	78-2	490.93	474.72	475.96	480.53	1.88	ppb
Silicon	28-1	574.79	571.11	609.30	585.06	3.60	ppb
Silver	107-1	496.97	484.70	480.29	487.32	1.77	ppb
Silver	109-1	479.04	497.12	469.35	481.83	2.93	ppb
Sodium	23-2	259853.42	264518.34	258878.50	261083.42	1.15	ppb
Strontium	86-1	4768.41	4692.81	5214.80	4892.01	5.77	ppb
Strontium	88-1	4801.25	4870.88	5028.91	4900.34	2.38	ppb
Sulfur	34-1	9229.64	7716.91	9243.17	8729.90	10.05	ppb
Terbium	159-1				112		%
Terbium	159-2				110		%
Thallium	203-1	483.21	488.87	515.78	495.95	3.51	ppb
Thallium	205-1	484.97	481.28	509.38	491.87	3.10	ppb
Tin	118-1	507.76	494.83	491.09	497.89	1.76	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	CCV076	Instrumnet Name :	P8
Client Sample ID :	CCV076	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 20:15:13	DataFile Name :	140CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5324.40	5191.60	5561.14	5359.05	3.49	ppb
Uranium	238-1	505.87	497.04	498.93	500.61	0.93	ppb
Vanadium	51-2	483.24	490.78	476.93	483.65	1.43	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				114		%
Yttrium	89-2				110		%
Zinc	66-2	4653.15	4708.89	4519.05	4627.03	2.11	ppb
Zirconium	90-1	484.35	489.41	508.42	494.06	2.57	ppb
Zirconium	91-1	465.91	474.42	488.79	476.38	2.43	ppb

LB Number : LB117894 Operator : Jaswal
 Lab Sample ID : CCB076 Instrumnet Name : P8
 Client Sample ID : CCB076 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-19 20:27:57 DataFile Name : 141CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.13	2.32	3.01	2.49	18.52	ppb
Antimony	121-1	0.07	0.10	0.13	0.10	33.80	ppb
Arsenic	75-2	-0.03	-0.01	-0.06	-0.04		ppb
Barium	135-1	0.49	0.45	0.44	0.46	6.55	ppb
Barium	137-1	0.61	0.54	0.39	0.51	21.94	ppb
Beryllium	9-1	0.05	0.05	0.05	0.05	9.35	ppb
Bismuth	209-1				94		%
Bismuth	209-2				91		%
Boron	10-1	15.30	14.49	14.04	14.61	4.35	ppb
Boron	11-1	15.36	14.79	14.81	14.99	2.15	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.23	-0.45	-0.45	-0.38		ppb
Cadmium	106-1	-3.33	-5.74	-6.09	-5.05		ppb
Cadmium	108-1	-0.01	-0.08	-0.11	-0.06		ppb
Calcium	43-1	14.43	12.59	16.50	14.51	13.51	ppb
Calcium	44-1	18.38	13.97	17.48	16.61	14.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.32	0.28	0.41	0.34	18.72	ppb
Cobalt	59-2	0.03	0.01	0.02	0.02	42.76	ppb
Copper	63-2	0.39	0.32	0.35	0.36	9.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				95		%
Indium	115-1				97		%
Indium	115-2				94		%
Iron	54-2	4.52	3.51	3.77	3.93	13.42	ppb
Iron	56-2	1.68	1.83	1.32	1.61	16.43	ppb
Iron	57-2	2.54	2.11	3.96	2.87	33.72	ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	CCB076	Instrumnet Name :	P8
Client Sample ID :	CCB076	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 20:27:57	DataFile Name :	141CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.11	0.17	0.16	0.15	24.21	ppb
Lead	207-1	0.16	0.15	0.18	0.16	9.04	ppb
Lead	208-1	0.13	0.17	0.17	0.16	17.84	ppb
Lithium	6-1				103		%
Magnesium	24-2	4.20	3.91	1.80	3.30	39.63	ppb
Manganese	55-2	0.27	0.39	0.26	0.31	22.91	ppb
Molybdenum	94-1	0.30	0.29	0.33	0.30	6.08	ppb
Molybdenum	95-1	0.21	0.17	0.18	0.19	10.91	ppb
Molybdenum	96-1	0.20	0.24	0.16	0.20	19.56	ppb
Molybdenum	97-1	0.14	0.19	0.16	0.16	15.28	ppb
Molybdenum	98-1	0.22	0.18	0.18	0.19	11.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.05	-0.03	-0.04		ppb
Phosphorus	31-2	-37.81	19.90	-41.83	-19.92		ppb
Potassium	39-2	25.58	8.46	23.42	19.15	48.67	ppb
Rhodium	103-1				92		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	-1.29	-1.22	-2.02	-1.51		ppb
Selenium	77-2	0.01	-1.33	-1.33	-0.89		ppb
Selenium	78-2	-0.81	-1.34	-0.28	-0.81		ppb
Silicon	28-1	17.34	13.40	17.15	15.97	13.91	ppb
Silver	107-1	0.02	0.01	0.03	0.02	48.58	ppb
Silver	109-1	0.03	0.02	0.01	0.02	48.88	ppb
Sodium	23-2	79.04	68.96	73.71	73.90	6.82	ppb
Strontium	86-1	0.35	0.34	0.25	0.31	16.59	ppb
Strontium	88-1	0.20	0.22	0.21	0.21	5.02	ppb
Sulfur	34-1	957.41	399.94	774.15	710.50	39.99	ppb
Terbium	159-1				95		%
Terbium	159-2				94		%
Thallium	203-1	-0.01	0.04	0.02	0.01	149.06	ppb
Thallium	205-1	0.02	0.03	0.02	0.02	32.12	ppb
Tin	118-1	-0.01	-0.04	-0.12	-0.06		ppb

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	CCB076	Instrumnet Name :	P8
Client Sample ID :	CCB076	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 20:27:57	DataFile Name :	141CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.18	0.22	0.12	0.17	30.99	ppb
Uranium	238-1	0.02	0.02	0.01	0.02	11.09	ppb
Vanadium	51-2	0.01	0.02	0.01	0.01	36.07	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				96		%
Yttrium	89-2				97		%
Zinc	66-2	2.28	2.09	2.52	2.30	9.53	ppb
Zirconium	90-1	0.04	0.05	0.04	0.04	12.62	ppb
Zirconium	91-1	0.05	0.06	0.06	0.05	13.18	ppb

LB Number : LB117894 Operator : Jaswal
 Lab Sample ID : TUNE Instrumnet Name : P8
 Client Sample ID : TUNE084 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-19 11:36:08 DataFile Name : 001SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	134	152	161	149	9.42	cps
Antimony	121-1	867	650	592	703	20.62	cps
Arsenic	75-2	65	49	62	59	14.49	cps
Barium	135-1	133	83	83	100	28.87	cps
Barium	137-1	242	250	167	219	20.92	cps
Beryllium	9-1	568	494	452	505	11.64	cps
Bismuth	209-1	4114062	4144102	4012372	4090179	1.69	cps
Bismuth	209-2	2360399	2399673	2486217	2415430	2.67	cps
Boron	10-1	502	446	448	465	6.83	cps
Boron	11-1	2204	2172	2378	2251	4.92	cps
Bromine	81-1	14252	14974	15194	14806	3.33	cps
Cadmium	111-1	3274	2974	2818	3022	7.66	cps
Cadmium	106-1	4601	4267	3951	4273	7.61	cps
Cadmium	108-1	538	525	508	524	2.79	cps
Calcium	43-1	317	355	316	330	6.68	cps
Calcium	44-1	27242	27123	27454	27273	0.61	cps
Carbon	12-1	3701097	3663630	3847400	3737376	2.60	cps
Carbon	12-2	41083	41359	41342	41261	0.38	cps
Chlorine	35-1	2451580	2411432	2214346	2359119	5.38	cps
Chlorine	35-2	14841	14616	14399	14619	1.51	cps
Chromium	52-2	720	733	820	758	7.17	cps
Cobalt	59-2	223	213	220	219	2.33	cps
Copper	63-2	977	853	927	919	6.75	cps
Dysprosium	156-1	0	25	8	11	114.58	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	58	33	33	42	34.64	cps
Erbium	164-2	30	47	30	36	27.07	cps
Gadolinium	160-1	67	33	50	50	33.34	cps
Gadolinium	160-2	27	40	53	40	33.33	cps
Holmium	165-1	6983451	6946226	6958019	6962566	0.27	cps
Holmium	165-2	3478777	3522333	3501275	3500795	0.62	cps
Indium	115-1	6378628	6224378	6354173	6319060	1.31	cps
Indium	115-2	1055703	1079386	1077888	1070992	1.24	cps
Iron	54-2	383	400	506	430	15.43	cps
Iron	56-2	3467	3578	3317	3454	3.79	cps
Iron	57-2	167	233	211	204	16.66	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE084	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 11:36:08	DataFile Name :	001SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1107	1043	1167	1106	5.58	cps
Lead	206-1	1361	1445	1350	1385	3.73	cps
Lead	207-1	1317	1056	1117	1163	11.74	cps
Lead	208-1	5584	5462	5289	5445	2.72	cps
Lithium	6-1	2390920	2354998	2481326	2409081	2.70	cps
Magnesium	24-2	833	708	650	731	12.82	cps
Manganese	55-2	137	137	107	127	13.67	cps
Molybdenum	94-1	892	892	658	814	16.55	cps
Molybdenum	95-1	1283	1033	1100	1139	11.37	cps
Molybdenum	96-1	1483	1425	1083	1331	16.24	cps
Molybdenum	97-1	808	600	583	664	18.88	cps
Molybdenum	98-1	1909	2084	1600	1864	13.13	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	207	147	160	171	18.41	cps
Phosphorus	31-2	150	133	158	147	8.65	cps
Potassium	39-2	17828	18320	17995	18048	1.39	cps
Rhodium	103-1	6270402	6398394	6271669	6313488	1.16	cps
Rhodium	103-2	3186403	3227500	3156036	3189980	1.12	cps
Scandium	45-1	5422732	5412837	5369750	5401773	0.52	cps
Scandium	45-2	185462	188199	186662	186775	0.73	cps
Selenium	82-1	-59	1	-49	-36	-89.34	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	57	42	55	51	15.88	cps
Silicon	28-1	684406	681067	682843	682772	0.24	cps
Silver	107-1	67	100	75	81	21.53	cps
Silver	109-1	58	100	75	78	26.97	cps
Sodium	23-2	16526	17144	17144	16938	2.10	cps
Strontium	86-1	1984	1792	1859	1878	5.18	cps
Strontium	88-1	1467	1467	1350	1428	4.72	cps
Sulfur	34-1	356510	353364	357792	355889	0.64	cps
Terbium	159-1	7435127	7364574	7447548	7415750	0.60	cps
Terbium	159-2	3489454	3463559	3594657	3515890	1.97	cps
Thallium	203-1	3367	3125	2842	3112	8.45	cps
Thallium	205-1	7511	6960	6593	7022	6.57	cps
Tin	118-1	3684	3376	3342	3467	5.43	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE084	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 11:36:08	DataFile Name :	001SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	367	267	342	325	16.01	cps
Uranium	238-1	883	617	792	764	17.74	cps
Vanadium	51-2	63	113	80	86	29.76	cps
Ytterbium	172-1	175	183	167	175	4.76	cps
Ytterbium	172-2	72	72	50	65	19.79	cps
Ytterbium	176-1	1175	1058	925	1053	11.88	cps
Ytterbium	176-2	3628	3934	4162	3908	6.85	cps
Yttrium	89-1	12640881	12608694	12694761	12648112	0.34	cps
Yttrium	89-2	1417619	1472530	1450078	1446742	1.91	cps
Zinc	66-2	220	277	260	252	11.55	cps
Zirconium	90-1	792	692	625	703	11.94	cps
Zirconium	91-1	100	175	158	144	27.27	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 12:12:30	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	134	125	135	131	4.15	cps
Antimony	121-1	50	42	50	47	10.18	cps
Arsenic	75-2	11	21	12	15	37.55	cps
Barium	135-1	50	33	58	47	26.97	cps
Barium	137-1	75	100	100	92	15.75	cps
Beryllium	9-1	82	84	98	88	9.91	cps
Bismuth	209-1	4059083	4028770	4192690	4093514	2.13	cps
Bismuth	209-2	2485330	2529306	2491693	2502110	0.95	cps
Boron	10-1	254	258	248	253	1.99	cps
Boron	11-1	1268	1168	1186	1207	4.42	cps
Bromine	81-1	14673	16046	15134	15284	4.57	cps
Cadmium	111-1	2067	2096	2167	2110	2.43	cps
Cadmium	106-1	2875	2992	3034	2967	2.77	cps
Cadmium	108-1	29	75	33	46	55.30	cps
Calcium	43-1	285	322	311	306	6.28	cps
Calcium	44-1	25669	25901	25152	25574	1.50	cps
Carbon	12-1	3687439	3607902	3481178	3592173	2.90	cps
Carbon	12-2	41459	42329	41250	41679	1.37	cps
Chlorine	35-1	314149	311886	313603	313213	0.38	cps
Chlorine	35-2	2109	2192	2209	2170	2.47	cps
Chromium	52-2	663	597	600	620	6.06	cps
Cobalt	59-2	77	70	77	74	5.17	cps
Copper	63-2	530	610	650	597	10.24	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	50	83	58	37.80	cps
Erbium	164-2	23	23	30	26	15.07	cps
Gadolinium	160-1	75	50	42	56	31.22	cps
Gadolinium	160-2	47	40	57	48	17.56	cps
Holmium	165-1	7196254	7083712	7030678	7103548	1.19	cps
Holmium	165-2	3618053	3576011	3608373	3600812	0.61	cps
Indium	115-1	6283534	6635398	6464855	6461262	2.72	cps
Indium	115-2	1101616	1106003	1092320	1099980	0.64	cps
Iron	54-2	433	494	433	454	7.78	cps
Iron	56-2	2978	2756	2873	2869	3.88	cps
Iron	57-2	178	189	233	200	14.70	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 12:12:30	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	960	1020	1067	1016	5.27	cps
Lead	206-1	567	600	844	670	22.63	cps
Lead	207-1	511	594	556	554	7.53	cps
Lead	208-1	2456	2517	2689	2554	4.74	cps
Lithium	6-1	2400748	2444298	2335372	2393473	2.29	cps
Magnesium	24-2	658	533	558	583	11.34	cps
Manganese	55-2	47	57	93	66	37.47	cps
Molybdenum	94-1	175	292	292	253	26.65	cps
Molybdenum	95-1	83	67	92	81	15.80	cps
Molybdenum	96-1	208	167	175	183	12.03	cps
Molybdenum	97-1	33	50	25	36	35.25	cps
Molybdenum	98-1	125	67	67	86	39.11	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	123	120	103	116	9.28	cps
Phosphorus	31-2	100	117	108	108	7.69	cps
Potassium	39-2	17837	18354	17261	17817	3.07	cps
Rhodium	103-1	6309289	6576278	6236855	6374141	2.80	cps
Rhodium	103-2	3192372	3218363	3226975	3212570	0.56	cps
Scandium	45-1	5537437	5363449	5399967	5433618	1.69	cps
Scandium	45-2	193552	196131	191114	193599	1.30	cps
Selenium	82-1	105	85	7	66	78.30	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	63	59	66	63	5.60	cps
Silicon	28-1	685145	675180	693337	684554	1.33	cps
Silver	107-1	150	142	192	161	16.63	cps
Silver	109-1	117	158	50	108	50.44	cps
Sodium	23-2	15517	15066	15834	15472	2.49	cps
Strontium	86-1	1808	1592	1750	1717	6.53	cps
Strontium	88-1	250	225	308	261	16.38	cps
Sulfur	34-1	363222	369094	367513	366610	0.83	cps
Terbium	159-1	7324555	7616942	7573369	7504955	2.10	cps
Terbium	159-2	3574912	3610551	3579474	3588312	0.54	cps
Thallium	203-1	492	300	250	347	36.74	cps
Thallium	205-1	658	700	733	697	5.39	cps
Tin	118-1	2142	2242	2117	2167	3.05	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 12:12:30	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	283	275	250	269	6.44	cps
Uranium	238-1	8	17	17	14	34.67	cps
Vanadium	51-2	17	17	20	18	10.81	cps
Ytterbium	172-1	8	17	33	19	65.47	cps
Ytterbium	172-2	17	6	17	13	49.47	cps
Ytterbium	176-1	700	717	683	700	2.38	cps
Ytterbium	176-2	3845	3801	4023	3890	3.02	cps
Yttrium	89-1	12944492	13180342	12433977	12852937	2.97	cps
Yttrium	89-2	1458415	1511416	1486852	1485561	1.79	cps
Zinc	66-2	137	140	150	142	4.88	cps
Zirconium	90-1	717	600	717	678	9.94	cps
Zirconium	91-1	158	150	125	144	12.01	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 12:18:39	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	899	931	889	906	2.45	cps
Antimony	121-1	7544	7411	7344	7433	1.37	cps
Arsenic	75-2	143	137	132	137	4.01	cps
Barium	135-1	9620	9637	9812	9690	1.10	cps
Barium	137-1	16460	16335	15968	16255	1.57	cps
Beryllium	9-1	1194	1292	1206	1230	4.34	cps
Bismuth	209-1	4087110	4131594	4034907	4084537	1.18	cps
Bismuth	209-2	2579392	2503504	2495600	2526165	1.83	cps
Boron	10-1	2716	2970	2964	2883	5.03	cps
Boron	11-1	13003	13764	14544	13770	5.60	cps
Bromine	81-1	14873	14142	14573	14529	2.53	cps
Cadmium	111-1	2958	2955	3098	3004	2.73	cps
Cadmium	106-1	2917	2842	3075	2945	4.05	cps
Cadmium	108-1	108	79	138	108	26.92	cps
Calcium	43-1	7654	7646	7684	7661	0.26	cps
Calcium	44-1	144136	147342	148606	146695	1.57	cps
Carbon	12-1	3849442	3886843	3934933	3890406	1.10	cps
Carbon	12-2	44618	43883	43749	44083	1.06	cps
Chlorine	35-1	276975	274921	272324	274740	0.85	cps
Chlorine	35-2	2184	1758	1800	1914	12.24	cps
Chromium	52-2	3567	3247	3590	3468	5.53	cps
Cobalt	59-2	2824	2907	2440	2724	9.14	cps
Copper	63-2	4531	4684	4457	4557	2.54	cps
Dysprosium	156-1	25	17	17	19	24.73	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	50	50	67	56	17.32	cps
Erbium	164-2	17	33	40	30	40.05	cps
Gadolinium	160-1	50	67	50	56	17.32	cps
Gadolinium	160-2	50	63	80	64	23.32	cps
Holmium	165-1	6970916	7090115	6969234	7010088	0.99	cps
Holmium	165-2	3619142	3474879	3541802	3545274	2.04	cps
Indium	115-1	6475805	6469349	6228808	6391321	2.20	cps
Indium	115-2	1098186	1087694	1081184	1089021	0.79	cps
Iron	54-2	3506	3534	3773	3604	4.07	cps
Iron	56-2	56517	58241	57203	57321	1.51	cps
Iron	57-2	1750	1517	1683	1650	7.28	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 12:18:39	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1080	1040	1100	1073	2.85	cps
Lead	206-1	2784	3239	3239	3087	8.52	cps
Lead	207-1	2411	2700	2867	2660	8.67	cps
Lead	208-1	11675	12347	12352	12125	3.21	cps
Lithium	6-1	2405944	2483068	2411683	2433565	1.77	cps
Magnesium	24-2	62602	60736	60677	61338	1.78	cps
Manganese	55-2	743	693	823	753	8.70	cps
Molybdenum	94-1	8795	8836	9237	8956	2.72	cps
Molybdenum	95-1	10871	11280	11180	11110	1.92	cps
Molybdenum	96-1	12781	12473	12581	12612	1.24	cps
Molybdenum	97-1	6677	6668	6702	6682	0.26	cps
Molybdenum	98-1	18363	17462	17361	17728	3.11	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	800	797	717	771	6.12	cps
Phosphorus	31-2	192	183	183	186	2.58	cps
Potassium	39-2	62394	62411	63071	62625	0.62	cps
Rhodium	103-1	6340765	6313945	6293697	6316136	0.37	cps
Rhodium	103-2	3198550	3263153	3166065	3209256	1.54	cps
Scandium	45-1	5372586	5434773	5514266	5440542	1.31	cps
Scandium	45-2	194179	194222	189980	192794	1.26	cps
Selenium	82-1	398	381	385	388	2.36	cps
Selenium	77-2	17	17	10	14	26.66	cps
Selenium	78-2	111	84	106	100	14.32	cps
Silicon	28-1	715196	720572	726129	720633	0.76	cps
Silver	107-1	4793	4868	4701	4787	1.74	cps
Silver	109-1	4493	4484	4526	4501	0.49	cps
Sodium	23-2	131204	132928	127656	130596	2.06	cps
Strontium	86-1	2984	3034	3309	3109	5.63	cps
Strontium	88-1	13073	12773	13056	12967	1.30	cps
Sulfur	34-1	364730	365547	366897	365725	0.30	cps
Terbium	159-1	7614548	7554638	7504139	7557775	0.73	cps
Terbium	159-2	3611737	3539437	3679750	3610308	1.94	cps
Thallium	203-1	3267	3242	3209	3239	0.90	cps
Thallium	205-1	7127	7452	7728	7436	4.04	cps
Tin	118-1	19206	18847	19347	19133	1.35	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 12:18:39	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4242	3651	3942	3945	7.50	cps
Uranium	238-1	8712	8795	8411	8639	2.34	cps
Vanadium	51-2	6108	5831	6091	6010	2.58	cps
Ytterbium	172-1	42	33	67	47	36.74	cps
Ytterbium	172-2	6	0	17	7	114.54	cps
Ytterbium	176-1	883	767	883	844	7.98	cps
Ytterbium	176-2	3695	3867	4106	3890	5.31	cps
Yttrium	89-1	12550274	12538465	12486558	12525099	0.27	cps
Yttrium	89-2	1469371	1467979	1454811	1464054	0.55	cps
Zinc	66-2	570	607	573	583	3.48	cps
Zirconium	90-1	8194	8711	7977	8294	4.55	cps
Zirconium	91-1	1825	1892	2034	1917	5.55	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 12:21:44	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	43144	43399	42864	43136	0.62	cps
Antimony	121-1	200731	195132	197859	197907	1.41	cps
Arsenic	75-2	6944	6685	6846	6825	1.92	cps
Barium	135-1	257725	267821	260374	261973	2.00	cps
Barium	137-1	440330	452170	446487	446329	1.33	cps
Beryllium	9-1	58116	58510	59510	58712	1.22	cps
Bismuth	209-1	4182996	4136597	4008834	4109476	2.19	cps
Bismuth	209-2	2424599	2514698	2451259	2463519	1.88	cps
Boron	10-1	5650	5992	6228	5957	4.88	cps
Boron	11-1	27090	29067	29528	28561	4.54	cps
Bromine	81-1	14823	13871	15555	14750	5.72	cps
Cadmium	111-1	52072	52899	52505	52492	0.79	cps
Cadmium	106-1	7961	8453	8361	8258	3.17	cps
Cadmium	108-1	4026	3892	4046	3988	2.10	cps
Calcium	43-1	87175	86725	87321	87073	0.36	cps
Calcium	44-1	1404344	1403808	1420793	1409648	0.68	cps
Carbon	12-1	4070710	4074509	4112878	4086033	0.57	cps
Carbon	12-2	50069	50111	51181	50454	1.25	cps
Chlorine	35-1	266218	266695	264957	265956	0.34	cps
Chlorine	35-2	1909	1800	1925	1878	3.61	cps
Chromium	52-2	79423	80844	81099	80455	1.12	cps
Cobalt	59-2	140453	138128	137020	138534	1.26	cps
Copper	63-2	1075024	1085453	1073798	1078091	0.59	cps
Dysprosium	156-1	25	33	8	22	57.29	cps
Dysprosium	156-2	10	7	17	11	45.82	cps
Erbium	164-1	33	58	67	53	32.87	cps
Erbium	164-2	30	30	27	29	6.65	cps
Gadolinium	160-1	75	33	25	44	60.28	cps
Gadolinium	160-2	53	67	80	67	20.00	cps
Holmium	165-1	6812593	7100190	6916436	6943073	2.10	cps
Holmium	165-2	3688355	3593079	3521686	3601040	2.32	cps
Indium	115-1	6473266	6547154	6283487	6434636	2.11	cps
Indium	115-2	1100982	1081298	1087583	1089955	0.92	cps
Iron	54-2	170069	169387	169141	169532	0.28	cps
Iron	56-2	3075034	3065523	3027060	3055872	0.83	cps
Iron	57-2	75835	75460	75248	75514	0.39	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 12:21:44	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	977	1107	1107	1063	7.06	cps
Lead	206-1	654876	644603	654658	651379	0.90	cps
Lead	207-1	579172	572811	582824	578269	0.88	cps
Lead	208-1	2667886	2632723	2661946	2654185	0.71	cps
Lithium	6-1	2412444	2399110	2422533	2411363	0.49	cps
Magnesium	24-2	675119	655611	657158	662630	1.64	cps
Manganese	55-2	381154	381146	388182	383494	1.06	cps
Molybdenum	94-1	894623	886156	886151	888977	0.55	cps
Molybdenum	95-1	1294379	1283859	1254773	1277670	1.61	cps
Molybdenum	96-1	1388007	1387683	1404829	1393507	0.70	cps
Molybdenum	97-1	791547	783762	824713	800007	2.72	cps
Molybdenum	98-1	2011409	2001078	2046805	2019764	1.19	cps
Neodymium	150-1	20	33	20	24	31.49	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	37994	37235	37857	37696	1.07	cps
Phosphorus	31-2	2259	2342	2350	2317	2.19	cps
Potassium	39-2	259973	264911	265617	263500	1.17	cps
Rhodium	103-1	6341142	6420336	6205722	6322400	1.72	cps
Rhodium	103-2	3148089	3242010	3163509	3184536	1.58	cps
Scandium	45-1	5273711	5436415	5363800	5357975	1.52	cps
Scandium	45-2	195130	196786	192823	194913	1.02	cps
Selenium	82-1	4644	4412	4398	4484	3.08	cps
Selenium	77-2	130	143	120	131	8.93	cps
Selenium	78-2	498	520	478	499	4.21	cps
Silicon	28-1	921132	931673	928852	927219	0.59	cps
Silver	107-1	256564	261799	263683	260682	1.41	cps
Silver	109-1	240076	245793	248633	244834	1.78	cps
Sodium	23-2	1276498	1280105	1265573	1274058	0.59	cps
Strontium	86-1	823420	818468	814289	818726	0.56	cps
Strontium	88-1	6788885	6985182	6855791	6876620	1.45	cps
Sulfur	34-1	386743	399751	396040	394178	1.70	cps
Terbium	159-1	7844413	7590378	7373495	7602762	3.10	cps
Terbium	159-2	3603379	3568360	3546572	3572771	0.80	cps
Thallium	203-1	163533	164781	167432	165249	1.20	cps
Thallium	205-1	392071	388066	392022	390720	0.59	cps
Tin	118-1	194565	192941	192669	193392	0.53	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 12:21:44	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	442428	444995	448579	445334	0.69	cps
Uranium	238-1	495301	499435	505632	500123	1.04	cps
Vanadium	51-2	64907	65221	66614	65581	1.39	cps
Ytterbium	172-1	33	50	33	39	24.75	cps
Ytterbium	172-2	22	6	17	15	57.25	cps
Ytterbium	176-1	1633	1517	1458	1536	5.80	cps
Ytterbium	176-2	4051	4312	4295	4219	3.47	cps
Yttrium	89-1	12684268	12949098	12342959	12658775	2.40	cps
Yttrium	89-2	1484316	1516082	1450084	1483494	2.22	cps
Zinc	66-2	110915	107072	108785	108924	1.77	cps
Zirconium	90-1	420102	430078	427618	425933	1.22	cps
Zirconium	91-1	93850	93094	95269	94071	1.17	cps

LB Number : LB117894 Operator : Jaswal
 Lab Sample ID : S04 Instrumnet Name : P8
 Client Sample ID : S04 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-19 12:24:47 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	106508	105438	103436	105127	1.48	cps
Antimony	121-1	493972	504699	504044	500905	1.20	cps
Arsenic	75-2	17011	16757	16773	16847	0.85	cps
Barium	135-1	641863	655998	664919	654260	1.78	cps
Barium	137-1	1138004	1141193	1142777	1140658	0.21	cps
Beryllium	9-1	149600	148832	150430	149620	0.53	cps
Bismuth	209-1	4185850	4285820	4236705	4236125	1.18	cps
Bismuth	209-2	2446104	2487785	2439757	2457882	1.06	cps
Boron	10-1	13668	15119	15249	14678	5.98	cps
Boron	11-1	66255	70354	73020	69876	4.88	cps
Bromine	81-1	14462	15374	14683	14840	3.21	cps
Cadmium	111-1	127883	127330	129939	128384	1.07	cps
Cadmium	106-1	16752	16552	17144	16816	1.79	cps
Cadmium	108-1	9578	9574	9687	9613	0.66	cps
Calcium	43-1	217179	216367	217280	216942	0.23	cps
Calcium	44-1	3556514	3440804	3420892	3472737	2.11	cps
Carbon	12-1	4103166	4233843	4321938	4219649	2.61	cps
Carbon	12-2	52160	48907	49041	50036	3.68	cps
Chlorine	35-1	254582	257938	256416	256312	0.66	cps
Chlorine	35-2	1533	1875	1650	1686	10.30	cps
Chromium	52-2	197018	196780	195227	196342	0.50	cps
Cobalt	59-2	347414	340590	335612	341206	1.74	cps
Copper	63-2	2688852	2636413	2744472	2689912	2.01	cps
Dysprosium	156-1	42	33	25	33	25.01	cps
Dysprosium	156-2	27	23	23	24	7.89	cps
Erbium	164-1	50	108	33	64	61.65	cps
Erbium	164-2	27	27	33	29	13.31	cps
Gadolinium	160-1	92	58	92	81	23.89	cps
Gadolinium	160-2	67	57	87	70	21.82	cps
Holmium	165-1	7057719	7302213	7287543	7215825	1.90	cps
Holmium	165-2	3653407	3527117	3655624	3612049	2.04	cps
Indium	115-1	6660076	6723881	6586227	6656728	1.03	cps
Indium	115-2	1098081	1094718	1104033	1098944	0.43	cps
Iron	54-2	420249	408707	412860	413939	1.41	cps
Iron	56-2	7298556	7553134	7474374	7442021	1.75	cps
Iron	57-2	186220	185307	188565	186697	0.90	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 12:24:47	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1047	1153	1203	1135	7.05	cps
Lead	206-1	1689975	1734590	1727528	1717364	1.40	cps
Lead	207-1	1470875	1461418	1473839	1468711	0.44	cps
Lead	208-1	6867286	6961789	6984097	6937724	0.89	cps
Lithium	6-1	2548058	2568633	2507660	2541450	1.22	cps
Magnesium	24-2	1603656	1604368	1612516	1606847	0.31	cps
Manganese	55-2	943503	936562	934810	938292	0.49	cps
Molybdenum	94-1	2248010	2222190	2175129	2215110	1.67	cps
Molybdenum	95-1	3259739	3185856	3024363	3156653	3.81	cps
Molybdenum	96-1	3479344	3457587	3399914	3445615	1.19	cps
Molybdenum	97-1	1983976	1927392	1987425	1966264	1.71	cps
Molybdenum	98-1	5119718	5052126	4919412	5030419	2.03	cps
Neodymium	150-1	40	27	80	49	56.77	cps
Neodymium	150-2	7	7	10	8	24.71	cps
Nickel	60-2	92361	92351	92150	92287	0.13	cps
Phosphorus	31-2	5660	6135	5401	5732	6.49	cps
Potassium	39-2	628569	619072	617807	621816	0.95	cps
Rhodium	103-1	6434645	6382819	6254416	6357293	1.46	cps
Rhodium	103-2	3293485	3183288	3185685	3220820	1.95	cps
Scandium	45-1	5514505	5746372	5472779	5577885	2.64	cps
Scandium	45-2	194561	194918	195379	194953	0.21	cps
Selenium	82-1	11050	10902	11030	10994	0.73	cps
Selenium	77-2	333	320	347	333	4.00	cps
Selenium	78-2	1118	1149	1154	1140	1.71	cps
Silicon	28-1	1065978	1105169	1123655	1098267	2.68	cps
Silver	107-1	650701	670505	661336	660848	1.50	cps
Silver	109-1	619244	621003	634272	624840	1.31	cps
Sodium	23-2	3194498	3087975	3068183	3116886	2.18	cps
Strontium	86-1	2044542	1960210	2009835	2004863	2.11	cps
Strontium	88-1	17348701	16600556	17155231	17034829	2.28	cps
Sulfur	34-1	439543	439681	440851	440025	0.16	cps
Terbium	159-1	7606062	7838194	7777740	7740665	1.56	cps
Terbium	159-2	3540130	3576317	3671191	3595879	1.88	cps
Thallium	203-1	413749	412164	418206	414706	0.76	cps
Thallium	205-1	976951	989990	970182	979041	1.03	cps
Tin	118-1	466575	471131	466540	468082	0.56	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 12:24:47	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1133393	1137883	1123861	1131713	0.63	cps
Uranium	238-1	1215599	1264859	1244399	1241619	1.99	cps
Vanadium	51-2	162674	160905	159671	161083	0.94	cps
Ytterbium	172-1	8	17	33	19	65.47	cps
Ytterbium	172-2	11	17	22	17	33.33	cps
Ytterbium	176-1	2442	2342	2167	2317	6.01	cps
Ytterbium	176-2	4579	4945	4945	4823	4.39	cps
Yttrium	89-1	12975364	12745796	12975610	12898923	1.03	cps
Yttrium	89-2	1495655	1474521	1452877	1474351	1.45	cps
Zinc	66-2	268934	269054	269771	269253	0.17	cps
Zirconium	90-1	1072762	1051821	1096789	1073791	2.10	cps
Zirconium	91-1	227992	240050	239218	235753	2.86	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 12:27:53	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	209933	209591	207582	209035	0.61	cps
Antimony	121-1	1001809	1015362	1011975	1009715	0.70	cps
Arsenic	75-2	33936	33458	33197	33530	1.12	cps
Barium	135-1	1323546	1323676	1321972	1323065	0.07	cps
Barium	137-1	2254249	2317211	2321019	2297493	1.63	cps
Beryllium	9-1	298320	303363	306041	302575	1.30	cps
Bismuth	209-1	4207974	4205375	4310935	4241428	1.42	cps
Bismuth	209-2	2444752	2446956	2456089	2449266	0.25	cps
Boron	10-1	28897	29167	31173	29746	4.18	cps
Boron	11-1	135134	143058	150430	142874	5.35	cps
Bromine	81-1	14553	13781	13981	14105	2.84	cps
Cadmium	111-1	249322	253594	255050	252656	1.18	cps
Cadmium	106-1	30944	29874	29207	30008	2.92	cps
Cadmium	108-1	19577	19310	19543	19476	0.75	cps
Calcium	43-1	433223	437141	442128	437498	1.02	cps
Calcium	44-1	6886206	6538951	6814059	6746405	2.72	cps
Carbon	12-1	4301651	4508611	4547932	4452731	2.97	cps
Carbon	12-2	51842	52336	51708	51962	0.64	cps
Chlorine	35-1	251018	248383	246561	248654	0.90	cps
Chlorine	35-2	1867	1542	1617	1675	10.16	cps
Chromium	52-2	394196	397619	386084	392633	1.51	cps
Cobalt	59-2	682190	676849	672361	677133	0.73	cps
Copper	63-2	5348201	5209005	5193420	5250209	1.62	cps
Dysprosium	156-1	67	83	108	86	24.35	cps
Dysprosium	156-2	20	33	23	26	27.15	cps
Erbium	164-1	83	25	83	64	52.72	cps
Erbium	164-2	17	23	30	23	28.56	cps
Gadolinium	160-1	67	83	67	72	13.33	cps
Gadolinium	160-2	90	77	70	79	12.91	cps
Holmium	165-1	7426512	7306771	7414031	7382438	0.89	cps
Holmium	165-2	3690812	3775708	3622098	3696206	2.08	cps
Indium	115-1	6720964	6657940	6764655	6714520	0.80	cps
Indium	115-2	1075491	1089682	1084156	1083110	0.66	cps
Iron	54-2	834118	828958	840682	834586	0.70	cps
Iron	56-2	14918348	15104272	14610582	14877734	1.68	cps
Iron	57-2	376356	365888	371170	371138	1.41	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 12:27:53	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1020	1023	1053	1032	1.78	cps
Lead	206-1	3471783	3603154	3516852	3530596	1.89	cps
Lead	207-1	3013041	3187693	3118905	3106547	2.83	cps
Lead	208-1	13549803	14436543	14157417	14047921	3.23	cps
Lithium	6-1	2569760	2529111	2627572	2575481	1.92	cps
Magnesium	24-2	3148199	3188778	3231917	3189631	1.31	cps
Manganese	55-2	1874207	1907671	1910829	1897569	1.07	cps
Molybdenum	94-1	4324881	4266242	4350083	4313735	1.00	cps
Molybdenum	95-1	6229246	6432175	6365815	6342412	1.63	cps
Molybdenum	96-1	6877427	7055824	7086605	7006618	1.61	cps
Molybdenum	97-1	3849062	3860442	3925649	3878384	1.07	cps
Molybdenum	98-1	9956448	10104919	10193222	10084863	1.19	cps
Neodymium	150-1	47	67	100	71	37.88	cps
Neodymium	150-2	7	10	17	11	45.82	cps
Nickel	60-2	187182	182981	182816	184326	1.34	cps
Phosphorus	31-2	10471	11004	10462	10646	2.92	cps
Potassium	39-2	1215663	1205833	1226330	1215942	0.84	cps
Rhodium	103-1	6413747	6376965	6467593	6419435	0.71	cps
Rhodium	103-2	3226992	3234553	3145289	3202278	1.55	cps
Scandium	45-1	5462759	5456667	5454590	5458005	0.08	cps
Scandium	45-2	194001	195145	193006	194051	0.55	cps
Selenium	82-1	21771	22134	22037	21981	0.86	cps
Selenium	77-2	707	710	660	692	4.04	cps
Selenium	78-2	2150	2209	2187	2182	1.37	cps
Silicon	28-1	1523885	1515676	1556898	1532153	1.42	cps
Silver	107-1	1301002	1343826	1312836	1319221	1.68	cps
Silver	109-1	1259702	1250258	1261305	1257088	0.47	cps
Sodium	23-2	6140396	6069285	6354380	6188020	2.40	cps
Strontium	86-1	3947932	4018328	4061786	4009349	1.43	cps
Strontium	88-1	34398814	34239710	35056831	34565118	1.25	cps
Sulfur	34-1	510624	508174	505425	508075	0.51	cps
Terbium	159-1	7709852	8132012	7850506	7897457	2.72	cps
Terbium	159-2	3665771	3585076	3615040	3621963	1.13	cps
Thallium	203-1	833740	868447	845681	849289	2.08	cps
Thallium	205-1	1993401	2100898	2007315	2033871	2.87	cps
Tin	118-1	893413	907225	913011	904550	1.11	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 12:27:53	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2184342	2179255	2191656	2185084	0.29	cps
Uranium	238-1	2696177	2592033	2726857	2671689	2.65	cps
Vanadium	51-2	323748	322239	315886	320624	1.30	cps
Ytterbium	172-1	33	33	50	39	24.75	cps
Ytterbium	172-2	11	22	11	15	43.30	cps
Ytterbium	176-1	4109	4176	4501	4262	4.92	cps
Ytterbium	176-2	5624	5885	5835	5781	2.40	cps
Yttrium	89-1	13344254	12932190	13094193	13123546	1.58	cps
Yttrium	89-2	1509357	1474618	1470861	1484945	1.43	cps
Zinc	66-2	523122	527987	533582	528230	0.99	cps
Zirconium	90-1	2132122	2094703	2109046	2111957	0.89	cps
Zirconium	91-1	485111	472581	470750	476148	1.64	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 12:30:56	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	401556	400624	400381	400854	0.15	cps
Antimony	121-1	1964937	2013680	2085215	2021277	2.99	cps
Arsenic	75-2	65444	64299	64521	64754	0.94	cps
Barium	135-1	2641810	2645677	2700956	2662814	1.24	cps
Barium	137-1	4457772	4423432	4525822	4469008	1.17	cps
Beryllium	9-1	598554	602336	603921	601603	0.46	cps
Bismuth	209-1	4362474	4313222	4335952	4337216	0.57	cps
Bismuth	209-2	2484581	2544070	2524600	2517750	1.20	cps
Boron	10-1	57207	60428	65613	61082	6.94	cps
Boron	11-1	279345	294151	305744	293080	4.51	cps
Bromine	81-1	13220	15164	13711	14032	7.20	cps
Cadmium	111-1	502407	504905	514918	507410	1.30	cps
Cadmium	106-1	56960	58191	59429	58193	2.12	cps
Cadmium	108-1	38675	38537	38304	38505	0.49	cps
Calcium	43-1	873340	881311	882577	879076	0.57	cps
Calcium	44-1	13811588	14434078	13899248	14048305	2.40	cps
Carbon	12-1	5460859	5760948	5749316	5657041	3.01	cps
Carbon	12-2	67129	66585	66224	66646	0.68	cps
Chlorine	35-1	244368	248281	246606	246418	0.80	cps
Chlorine	35-2	1567	1550	1617	1578	2.20	cps
Chromium	52-2	750848	749066	741006	746973	0.70	cps
Cobalt	59-2	1320574	1304949	1322444	1315989	0.73	cps
Copper	63-2	10075573	9986610	9606345	9889509	2.52	cps
Dysprosium	156-1	117	108	117	114	4.22	cps
Dysprosium	156-2	60	83	77	73	16.39	cps
Erbium	164-1	50	108	108	89	37.89	cps
Erbium	164-2	50	23	50	41	37.46	cps
Gadolinium	160-1	133	208	183	175	21.82	cps
Gadolinium	160-2	120	113	90	108	14.62	cps
Holmium	165-1	7615150	7628896	7911410	7718485	2.17	cps
Holmium	165-2	3722657	3758252	3783447	3754785	0.81	cps
Indium	115-1	6686592	6713178	6802990	6734254	0.91	cps
Indium	115-2	1089717	1071340	1094744	1085267	1.14	cps
Iron	54-2	1619683	1641708	1630314	1630568	0.68	cps
Iron	56-2	28782706	29370557	28854884	29002715	1.11	cps
Iron	57-2	716487	724368	697679	712845	1.92	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 12:30:56	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1047	1130	1127	1101	4.28	cps
Lead	206-1	6978779	7198239	7267849	7148289	2.11	cps
Lead	207-1	6147724	6288071	6259876	6231890	1.19	cps
Lead	208-1	27904226	28564045	28264023	28244098	1.17	cps
Lithium	6-1	2654907	2697215	2659915	2670679	0.87	cps
Magnesium	24-2	6056819	6153213	5978474	6062835	1.44	cps
Manganese	55-2	3640761	3694334	3668677	3667924	0.73	cps
Molybdenum	94-1	8331156	8592111	8938373	8620546	3.53	cps
Molybdenum	95-1	12265197	12540156	12819353	12541568	2.21	cps
Molybdenum	96-1	13820675	13987117	14005634	13937809	0.73	cps
Molybdenum	97-1	7725893	7770518	7722148	7739520	0.35	cps
Molybdenum	98-1	20062633	19936823	19762961	19920806	0.76	cps
Neodymium	150-1	147	200	167	171	15.75	cps
Neodymium	150-2	20	17	20	19	10.18	cps
Nickel	60-2	356893	354443	352135	354490	0.67	cps
Phosphorus	31-2	21800	20590	21525	21305	2.98	cps
Potassium	39-2	2252423	2178575	2270757	2233918	2.18	cps
Rhodium	103-1	6442587	6339550	6447961	6410033	0.95	cps
Rhodium	103-2	3204028	3216893	3224104	3215009	0.32	cps
Scandium	45-1	5659876	5842861	5550041	5684259	2.60	cps
Scandium	45-2	190477	190615	193142	191411	0.78	cps
Selenium	82-1	43626	43909	44228	43921	0.69	cps
Selenium	77-2	1203	1290	1303	1266	4.29	cps
Selenium	78-2	4293	4192	3987	4157	3.75	cps
Silicon	28-1	2470338	2619210	2661251	2583600	3.88	cps
Silver	107-1	2580483	2642928	2662657	2628689	1.63	cps
Silver	109-1	2358030	2450111	2455204	2421115	2.26	cps
Sodium	23-2	11831757	11892288	11679622	11801222	0.93	cps
Strontium	86-1	7950673	7985495	8015835	7984001	0.41	cps
Strontium	88-1	68603074	70740481	68567191	69303582	1.80	cps
Sulfur	34-1	636632	639724	649097	641818	1.01	cps
Terbium	159-1	7916272	7953952	8132919	8001048	1.45	cps
Terbium	159-2	3645789	3645041	3704568	3665133	0.93	cps
Thallium	203-1	1716569	1743484	1676281	1712111	1.98	cps
Thallium	205-1	3969886	4151342	4059417	4060215	2.23	cps
Tin	118-1	1701391	1793273	1796489	1763717	3.06	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 12:30:56	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4419594	4329706	4361671	4370324	1.04	cps
Uranium	238-1	5245634	5385975	5392765	5341458	1.55	cps
Vanadium	51-2	630164	615100	610030	618431	1.69	cps
Ytterbium	172-1	25	42	8	25	66.68	cps
Ytterbium	172-2	6	39	22	22	74.99	cps
Ytterbium	176-1	7844	8286	8303	8144	3.19	cps
Ytterbium	176-2	7458	7358	8208	7675	6.06	cps
Yttrium	89-1	13308761	13336869	13580630	13408753	1.12	cps
Yttrium	89-2	1492696	1492299	1521699	1502231	1.12	cps
Zinc	66-2	1018783	1019371	1020615	1019590	0.09	cps
Zirconium	90-1	4170344	4201797	4253665	4208602	1.00	cps
Zirconium	91-1	932182	959400	964472	952018	1.82	cps

LB Number : LB117894 Operator : Jaswal
 Lab Sample ID : S07 Instrumnet Name : P8
 Client Sample ID : S07 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-19 12:34:02 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	800314	794645	792583	795847	0.50	cps
Antimony	121-1	4092162	4146958	4025099	4088073	1.49	cps
Arsenic	75-2	128878	129358	128233	128823	0.44	cps
Barium	135-1	5268473	5296368	5311251	5292031	0.41	cps
Barium	137-1	9116159	9004918	8923888	9014988	1.07	cps
Beryllium	9-1	1202691	1194608	1166414	1187904	1.60	cps
Bismuth	209-1	4309978	4288791	4562533	4387101	3.47	cps
Bismuth	209-2	2355627	2438299	2476959	2423628	2.56	cps
Boron	10-1	119040	125523	129453	124672	4.22	cps
Boron	11-1	569364	598204	613748	593772	3.79	cps
Bromine	81-1	13430	13330	13401	13387	0.38	cps
Cadmium	111-1	988126	1009817	1032461	1010135	2.19	cps
Cadmium	106-1	110400	111644	112399	111481	0.91	cps
Cadmium	108-1	78875	76423	75770	77022	2.13	cps
Calcium	43-1	1794931	1848325	1778673	1807310	2.02	cps
Calcium	44-1	27806252	28143933	27525688	27825291	1.11	cps
Carbon	12-1	5002354	5177786	5384046	5188062	3.68	cps
Carbon	12-2	61981	60617	63111	61903	2.02	cps
Chlorine	35-1	239438	237847	233290	236859	1.35	cps
Chlorine	35-2	1408	1383	1467	1420	3.01	cps
Chromium	52-2	1529547	1495399	1485783	1503576	1.53	cps
Cobalt	59-2	2606813	2608795	2587040	2600882	0.46	cps
Copper	63-2	19696010	19246313	19937600	19626641	1.79	cps
Dysprosium	156-1	158	208	258	208	24.00	cps
Dysprosium	156-2	117	110	90	106	13.15	cps
Erbium	164-1	100	133	67	100	33.33	cps
Erbium	164-2	37	40	27	34	20.14	cps
Gadolinium	160-1	225	217	242	228	5.59	cps
Gadolinium	160-2	110	137	153	133	16.40	cps
Holmium	165-1	7670372	7485388	7787255	7647672	1.99	cps
Holmium	165-2	3743622	3589920	3797837	3710460	2.91	cps
Indium	115-1	6610307	6717045	6757337	6694896	1.13	cps
Indium	115-2	1038832	1052065	1047414	1046104	0.64	cps
Iron	54-2	3167667	3180153	3192095	3179972	0.38	cps
Iron	56-2	57385732	57124555	56657804	57056030	0.65	cps
Iron	57-2	1408055	1398121	1442836	1416337	1.66	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 12:34:02	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1077	1123	1207	1136	5.80	cps
Lead	206-1	14533413	14719986	14838539	14697312	1.05	cps
Lead	207-1	12555786	12654085	12892613	12700828	1.36	cps
Lead	208-1	57983183	57521996	59290802	58265327	1.57	cps
Lithium	6-1	2615385	2606434	2618609	2613476	0.24	cps
Magnesium	24-2	12044342	11869715	11933200	11949086	0.74	cps
Manganese	55-2	7167391	7211312	7016529	7131744	1.43	cps
Molybdenum	94-1	17032899	17780956	17721233	17511696	2.37	cps
Molybdenum	95-1	25072015	25315076	25734257	25373783	1.32	cps
Molybdenum	96-1	27656903	27778469	28599352	28011575	1.83	cps
Molybdenum	97-1	15279245	15313802	15661862	15418303	1.37	cps
Molybdenum	98-1	40581627	40221983	40940784	40581465	0.89	cps
Neodymium	150-1	233	240	280	251	10.05	cps
Neodymium	150-2	20	30	23	24	20.83	cps
Nickel	60-2	684563	691141	688321	688008	0.48	cps
Phosphorus	31-2	40591	40073	41101	40588	1.27	cps
Potassium	39-2	4397948	4305837	4361606	4355131	1.07	cps
Rhodium	103-1	6321168	6366233	6427679	6371693	0.84	cps
Rhodium	103-2	3122045	3120418	3125441	3122635	0.08	cps
Scandium	45-1	5473930	5706219	5518687	5566279	2.21	cps
Scandium	45-2	183605	186131	187099	185611	0.97	cps
Selenium	82-1	86477	86151	86773	86467	0.36	cps
Selenium	77-2	2537	2520	2407	2488	2.84	cps
Selenium	78-2	8381	8359	8076	8272	2.06	cps
Silicon	28-1	3735016	3859082	3892476	3828858	2.17	cps
Silver	107-1	5162243	5226183	5093605	5160677	1.28	cps
Silver	109-1	4968978	5030506	4855426	4951637	1.79	cps
Sodium	23-2	23440185	23394122	23524776	23453028	0.28	cps
Strontium	86-1	16193269	16237479	16107187	16179311	0.41	cps
Strontium	88-1	138255553	138240524	134610628	137035568	1.53	cps
Sulfur	34-1	914238	925350	917722	919103	0.62	cps
Terbium	159-1	7895964	8220861	7865737	7994187	2.46	cps
Terbium	159-2	3662231	3692432	3651574	3668746	0.58	cps
Thallium	203-1	3557802	3606427	3457607	3540612	2.14	cps
Thallium	205-1	8328032	8382616	8484121	8398256	0.94	cps
Tin	118-1	3582092	3597805	3594432	3591443	0.23	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 12:34:02	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	8507643	8716675	8806081	8676800	1.77	cps
Uranium	238-1	11004853	10851923	11148355	11001710	1.35	cps
Vanadium	51-2	1230214	1219430	1223754	1224466	0.44	cps
Ytterbium	172-1	42	25	50	39	32.73	cps
Ytterbium	172-2	11	6	22	13	65.44	cps
Ytterbium	176-1	15852	15902	14759	15504	4.17	cps
Ytterbium	176-2	10510	10816	11022	10782	2.39	cps
Yttrium	89-1	13259387	13394499	13624379	13426089	1.37	cps
Yttrium	89-2	1462797	1450288	1481318	1464801	1.07	cps
Zinc	66-2	2008888	1971609	2024604	2001700	1.36	cps
Zirconium	90-1	8376861	8450489	8692929	8506760	1.94	cps
Zirconium	91-1	1909786	1942097	1937769	1929884	0.91	cps

LB Number : LB117894 Operator : Jaswal
 Lab Sample ID : S08 Instrumnet Name : P8
 Client Sample ID : S08 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-19 12:37:05 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3610895	3802851	3650636	3688127	2.75	cps
Antimony	121-1	4193	3876	4009	4026	3.95	cps
Arsenic	75-2	55	46	60	54	13.23	cps
Barium	135-1	2317	2242	1925	2161	9.62	cps
Barium	137-1	3626	3809	3176	3537	9.22	cps
Beryllium	9-1	564	504	404	491	16.47	cps
Bismuth	209-1	4041141	3963608	4059142	4021297	1.26	cps
Bismuth	209-2	2243511	2250842	2225024	2239793	0.59	cps
Boron	10-1	14546	13734	12597	13626	7.19	cps
Boron	11-1	70002	65197	59909	65036	7.76	cps
Bromine	81-1	15485	14392	14643	14840	3.86	cps
Cadmium	111-1	2337	2296	2266	2300	1.54	cps
Cadmium	106-1	2934	2984	2950	2956	0.86	cps
Cadmium	108-1	54	108	58	74	40.95	cps
Calcium	43-1	7925080	7815233	7654282	7798198	1.75	cps
Calcium	44-1	128414731	125108384	124414826	125979314	1.70	cps
Carbon	12-1	4820154	4996570	4994577	4937100	2.05	cps
Carbon	12-2	59831	60935	61454	60740	1.37	cps
Chlorine	35-1	231893	224346	223458	226565	2.05	cps
Chlorine	35-2	1433	1583	1375	1464	7.34	cps
Chromium	52-2	3234	3324	3307	3288	1.46	cps
Cobalt	59-2	3824	3524	3307	3552	7.31	cps
Copper	63-2	5681	5268	5508	5486	3.79	cps
Dysprosium	156-1	842	708	708	753	10.23	cps
Dysprosium	156-2	330	273	310	304	9.44	cps
Erbium	164-1	208	150	125	161	26.54	cps
Erbium	164-2	80	73	70	74	6.84	cps
Gadolinium	160-1	617	667	575	619	7.41	cps
Gadolinium	160-2	383	330	323	346	9.52	cps
Holmium	165-1	7475638	7626835	7213799	7438757	2.81	cps
Holmium	165-2	3620417	3580241	3565039	3588566	0.80	cps
Indium	115-1	6444657	6236582	6426652	6369297	1.81	cps
Indium	115-2	1027449	1023798	1010369	1020539	0.88	cps
Iron	54-2	14188528	14524112	14202887	14305176	1.33	cps
Iron	56-2	262313195	256320261	262532095	260388517	1.35	cps
Iron	57-2	6460681	6504878	6662341	6542633	1.62	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 12:37:05	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1193	1227	1143	1188	3.53	cps
Lead	206-1	8175	8626	7247	8016	8.77	cps
Lead	207-1	7352	7547	6163	7021	10.67	cps
Lead	208-1	34397	33568	29742	32569	7.62	cps
Lithium	6-1	2475723	2480450	2458018	2471397	0.48	cps
Magnesium	24-2	54896041	56482512	54532068	55303540	1.88	cps
Manganese	55-2	3974	4051	3731	3918	4.27	cps
Molybdenum	94-1	7669	6727	5326	6574	17.93	cps
Molybdenum	95-1	8470	7277	5801	7183	18.61	cps
Molybdenum	96-1	14008	13148	11622	12926	9.35	cps
Molybdenum	97-1	5343	5276	3426	4682	23.25	cps
Molybdenum	98-1	14108	11680	10253	12014	16.22	cps
Neodymium	150-1	13	40	27	27	50.01	cps
Neodymium	150-2	13	7	13	11	34.61	cps
Nickel	60-2	1050	1020	983	1018	3.28	cps
Phosphorus	31-2	125	125	92	114	16.90	cps
Potassium	39-2	20715501	20999185	20547088	20753925	1.10	cps
Rhodium	103-1	5950869	5917202	5915046	5927705	0.34	cps
Rhodium	103-2	2912134	2989374	2878389	2926632	1.94	cps
Scandium	45-1	5330145	5456836	5464808	5417263	1.39	cps
Scandium	45-2	185573	182414	185287	184425	0.95	cps
Selenium	82-1	54	-31	31	18	245.42	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	40	59	57	52	20.09	cps
Silicon	28-1	1766734	1900247	1942818	1869933	4.91	cps
Silver	107-1	1825	1767	1642	1745	5.37	cps
Silver	109-1	1834	1592	1475	1633	11.19	cps
Sodium	23-2	110049211	110020177	109836273	109968554	0.11	cps
Strontium	86-1	14283	13190	11822	13098	9.41	cps
Strontium	88-1	101102	103763	89769	98211	7.57	cps
Sulfur	34-1	327151	329307	331418	329292	0.65	cps
Terbium	159-1	7886680	7598936	7692354	7725990	1.90	cps
Terbium	159-2	3649110	3560769	3448029	3552636	2.84	cps
Thallium	203-1	1067	1250	908	1075	15.91	cps
Thallium	205-1	2942	2184	2259	2461	16.98	cps
Tin	118-1	1625	1617	1817	1686	6.71	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 12:37:05	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2500	2217	1692	2136	19.20	cps
Uranium	238-1	2550	2125	1575	2084	23.47	cps
Vanadium	51-2	470	423	400	431	8.27	cps
Ytterbium	172-1	50	42	75	56	31.22	cps
Ytterbium	172-2	17	33	50	33	50.00	cps
Ytterbium	176-1	808	833	767	803	4.20	cps
Ytterbium	176-2	3673	3978	3978	3877	4.55	cps
Yttrium	89-1	12716554	12345838	12362794	12475062	1.68	cps
Yttrium	89-2	1408695	1412426	1402266	1407796	0.37	cps
Zinc	66-2	2577	2770	2614	2654	3.87	cps
Zirconium	90-1	5568	5460	4751	5260	8.44	cps
Zirconium	91-1	1183	1050	1526	1253	19.57	cps

LB Number : LB117894 Operator : Jaswal
 Lab Sample ID : ICV084 Instrumnet Name : P8
 Client Sample ID : ICV084 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-19 12:58:40 DataFile Name : 013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20345	20723	20815	20628	1.21	cps
Antimony	121-1	790423	793749	788528	790900	0.33	cps
Arsenic	75-2	27958	27418	28002	27793	1.17	cps
Barium	135-1	105510	105922	105158	105530	0.36	cps
Barium	137-1	181004	179048	179936	179996	0.54	cps
Beryllium	9-1	120484	121150	120359	120665	0.35	cps
Bismuth	209-1	4180944	4130695	4099130	4136923	1.00	cps
Bismuth	209-2	2503622	2499348	2499391	2500787	0.10	cps
Boron	10-1	1170	1118	1106	1131	3.01	cps
Boron	11-1	5488	5584	5330	5467	2.35	cps
Bromine	81-1	15064	15635	15575	15425	2.03	cps
Cadmium	111-1	102227	103495	101675	102466	0.91	cps
Cadmium	106-1	12047	12331	12114	12164	1.22	cps
Cadmium	108-1	6572	6827	6973	6791	2.98	cps
Calcium	43-1	32335	32817	32590	32581	0.74	cps
Calcium	44-1	555381	555865	558478	556575	0.30	cps
Carbon	12-1	3817750	3954333	3905706	3892597	1.78	cps
Carbon	12-2	45136	45688	43565	44797	2.46	cps
Chlorine	35-1	175466	171080	176299	174281	1.61	cps
Chlorine	35-2	1275	1158	1408	1281	9.77	cps
Chromium	52-2	158455	160400	161734	160196	1.03	cps
Cobalt	59-2	273198	283052	280699	278983	1.84	cps
Copper	63-2	208243	207863	210406	208837	0.66	cps
Dysprosium	156-1	25	0	0	8	173.21	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	58	75	50	61	20.83	cps
Erbium	164-2	7	13	30	17	72.11	cps
Gadolinium	160-1	75	58	58	64	15.06	cps
Gadolinium	160-2	73	57	47	59	22.87	cps
Holmium	165-1	7126308	7097874	6822994	7015726	2.39	cps
Holmium	165-2	3690258	3647681	3700750	3679563	0.76	cps
Indium	115-1	6579219	6684050	6593705	6618991	0.86	cps
Indium	115-2	1123909	1101382	1110893	1112061	1.02	cps
Iron	54-2	134673	133726	138079	135492	1.69	cps
Iron	56-2	2356072	2372953	2348620	2359215	0.53	cps
Iron	57-2	58738	58052	60043	58944	1.72	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	ICV084	Instrumnet Name :	P8
Client Sample ID :	ICV084	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 12:58:40	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1140	1103	1143	1129	1.97	cps
Lead	206-1	550137	542339	558076	550184	1.43	cps
Lead	207-1	466672	466595	471108	468125	0.55	cps
Lead	208-1	2172142	2177807	2193863	2181271	0.52	cps
Lithium	6-1	2391421	2490925	2410180	2430842	2.18	cps
Magnesium	24-2	151829	150542	147201	149857	1.59	cps
Manganese	55-2	75522	74118	74687	74776	0.94	cps
Molybdenum	94-1	1025	1017	808	950	12.92	cps
Molybdenum	95-1	958	892	958	936	4.11	cps
Molybdenum	96-1	1075	967	1075	1039	6.02	cps
Molybdenum	97-1	625	542	525	564	9.50	cps
Molybdenum	98-1	1342	1375	1292	1336	3.14	cps
Neodymium	150-1	33	20	7	20	66.65	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	77352	76112	75503	76323	1.23	cps
Phosphorus	31-2	158	133	142	144	8.81	cps
Potassium	39-2	203750	199925	204312	202662	1.18	cps
Rhodium	103-1	6629148	6353379	6486745	6489758	2.13	cps
Rhodium	103-2	3362096	3401950	3239384	3334477	2.54	cps
Scandium	45-1	5603330	5415658	5367926	5462305	2.28	cps
Scandium	45-2	197829	197366	191702	195633	1.74	cps
Selenium	82-1	16135	16353	16682	16390	1.68	cps
Selenium	77-2	587	650	523	587	10.80	cps
Selenium	78-2	2011	1898	1994	1968	3.10	cps
Silicon	28-1	681728	686838	688554	685707	0.52	cps
Silver	107-1	247962	254847	254815	252542	1.57	cps
Silver	109-1	243945	242554	243750	243416	0.31	cps
Sodium	23-2	527300	521924	517156	522126	0.97	cps
Strontium	86-1	2034	2200	2425	2220	8.86	cps
Strontium	88-1	4409	4343	4109	4287	3.68	cps
Sulfur	34-1	359714	358611	358477	358934	0.19	cps
Terbium	159-1	7687223	7659879	7472662	7606588	1.54	cps
Terbium	159-2	3576262	3646793	3633727	3618927	1.04	cps
Thallium	203-1	678283	677055	682391	679243	0.41	cps
Thallium	205-1	1633650	1616603	1615686	1621980	0.62	cps
Tin	118-1	1800	1508	1783	1697	9.65	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	ICV084	Instrumnet Name :	P8
Client Sample ID :	ICV084	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 12:58:40	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	558	433	500	497	12.58	cps
Uranium	238-1	533	558	592	561	5.22	cps
Vanadium	51-2	130620	125760	127335	127905	1.94	cps
Ytterbium	172-1	25	33	17	25	33.32	cps
Ytterbium	172-2	17	11	6	11	49.99	cps
Ytterbium	176-1	825	667	633	708	14.46	cps
Ytterbium	176-2	4006	3862	4101	3990	3.02	cps
Yttrium	89-1	12735649	12548761	12988077	12757496	1.73	cps
Yttrium	89-2	1522304	1534670	1495135	1517370	1.33	cps
Zinc	66-2	42815	42995	43209	43006	0.46	cps
Zirconium	90-1	1333	1167	1283	1261	6.78	cps
Zirconium	91-1	250	292	267	269	7.78	cps

LB Number : LB117894 Operator : Jaswal
 Lab Sample ID : ICB084 Instrumnet Name : P8
 Client Sample ID : ICB084 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-19 13:08:04 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	144	144	155	147	4.40	cps
Antimony	121-1	192	192	292	225	25.66	cps
Arsenic	75-2	11	10	12	11	9.09	cps
Barium	135-1	50	67	50	56	17.32	cps
Barium	137-1	50	92	67	69	30.20	cps
Beryllium	9-1	106	126	94	109	14.88	cps
Bismuth	209-1	3990501	4000899	4101026	4030809	1.51	cps
Bismuth	209-2	2518074	2457035	2449317	2474809	1.52	cps
Boron	10-1	790	666	704	720	8.82	cps
Boron	11-1	3700	3376	3434	3503	4.93	cps
Bromine	81-1	15675	14022	15655	15117	6.28	cps
Cadmium	111-1	1727	1942	1714	1795	7.14	cps
Cadmium	106-1	2425	2717	2359	2500	7.62	cps
Cadmium	108-1	29	38	29	32	15.05	cps
Calcium	43-1	559	532	565	552	3.12	cps
Calcium	44-1	30375	30829	30288	30497	0.95	cps
Carbon	12-1	3783578	3847172	3933705	3854818	1.95	cps
Carbon	12-2	46090	44477	45823	45463	1.90	cps
Chlorine	35-1	176865	173618	172942	174475	1.20	cps
Chlorine	35-2	1075	1200	1308	1195	9.78	cps
Chromium	52-2	673	730	637	680	6.92	cps
Cobalt	59-2	100	77	87	88	13.33	cps
Copper	63-2	670	643	637	650	2.71	cps
Dysprosium	156-1	8	17	25	17	50.01	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	33	75	58	56	37.75	cps
Erbium	164-2	27	27	27	27	0.00	cps
Gadolinium	160-1	33	42	25	33	25.01	cps
Gadolinium	160-2	53	57	63	58	8.81	cps
Holmium	165-1	7068807	6783562	7079154	6977174	2.40	cps
Holmium	165-2	3754465	3543409	3553568	3617147	3.29	cps
Indium	115-1	6638625	6634637	6620429	6631230	0.14	cps
Indium	115-2	1095765	1082469	1087511	1088582	0.62	cps
Iron	54-2	461	550	539	517	9.37	cps
Iron	56-2	4484	4256	4284	4341	2.86	cps
Iron	57-2	189	333	206	243	32.58	cps

LB Number : LB117894 Operator : Jaswal
 Lab Sample ID : ICB084 Instrumnet Name : P8
 Client Sample ID : ICB084 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-19 13:08:04 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1080	1130	1103	1105	2.27	cps
Lead	206-1	739	689	761	730	5.07	cps
Lead	207-1	689	644	656	663	3.49	cps
Lead	208-1	3017	2939	2961	2972	1.35	cps
Lithium	6-1	2433812	2461356	2528965	2474711	1.98	cps
Magnesium	24-2	583	758	708	683	13.19	cps
Manganese	55-2	140	97	83	107	27.78	cps
Molybdenum	94-1	208	250	158	206	22.33	cps
Molybdenum	95-1	75	67	75	72	6.66	cps
Molybdenum	96-1	250	233	217	233	7.14	cps
Molybdenum	97-1	67	50	42	53	24.12	cps
Molybdenum	98-1	158	167	92	139	29.60	cps
Neodymium	150-1	7	27	0	11	124.89	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	73	77	83	78	6.55	cps
Phosphorus	31-2	108	125	217	150	38.89	cps
Potassium	39-2	19272	18879	19197	19116	1.09	cps
Rhodium	103-1	6347184	6422818	6372224	6380742	0.60	cps
Rhodium	103-2	3186508	3280446	3275527	3247494	1.63	cps
Scandium	45-1	5481593	5397118	5630052	5502921	2.14	cps
Scandium	45-2	198802	194877	195465	196381	1.08	cps
Selenium	82-1	-24	-32	-7	-21	-61.97	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	52	56	53	54	3.88	cps
Silicon	28-1	678722	678925	681696	679781	0.24	cps
Silver	107-1	158	217	283	219	28.50	cps
Silver	109-1	167	150	167	161	5.97	cps
Sodium	23-2	17936	17745	17936	17872	0.62	cps
Strontium	86-1	1792	1792	1583	1722	6.98	cps
Strontium	88-1	433	358	317	369	16.00	cps
Sulfur	34-1	354017	359158	351748	354974	1.07	cps
Terbium	159-1	7530649	7615963	7533986	7560199	0.64	cps
Terbium	159-2	3569839	3618033	3610131	3599334	0.72	cps
Thallium	203-1	267	317	250	278	12.49	cps
Thallium	205-1	675	633	658	656	3.20	cps
Tin	118-1	17553	16677	16978	17069	2.61	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	ICB084	Instrumnet Name :	P8
Client Sample ID :	ICB084	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 13:08:04	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	242	333	317	297	16.43	cps
Uranium	238-1	17	17	0	11	86.60	cps
Vanadium	51-2	10	10	0	7	86.60	cps
Ytterbium	172-1	42	17	25	28	45.82	cps
Ytterbium	172-2	6	33	6	15	108.21	cps
Ytterbium	176-1	617	725	725	689	9.08	cps
Ytterbium	176-2	3728	3784	4090	3867	5.03	cps
Yttrium	89-1	12771026	12925874	12843360	12846753	0.60	cps
Yttrium	89-2	1444524	1529943	1499995	1491487	2.91	cps
Zinc	66-2	177	197	177	183	6.30	cps
Zirconium	90-1	642	608	650	633	3.48	cps
Zirconium	91-1	225	158	133	172	27.51	cps

LB Number : LB117894 Operator : Jaswal
 Lab Sample ID : ICSA084 Instrumnet Name : P8
 Client Sample ID : ICSA084 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-19 13:11:07 DataFile Name : 015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3839055	3879079	3769000	3829045	1.46	cps
Antimony	121-1	4951	4918	4676	4848	3.10	cps
Arsenic	75-2	51	53	40	48	14.59	cps
Barium	135-1	1533	1633	1508	1558	4.24	cps
Barium	137-1	2734	2234	2325	2431	10.95	cps
Beryllium	9-1	468	460	430	453	4.43	cps
Bismuth	209-1	4067996	4285175	4060588	4137920	3.08	cps
Bismuth	209-2	2361779	2484108	2366135	2404007	2.89	cps
Boron	10-1	856	854	918	876	4.15	cps
Boron	11-1	4170	4226	4036	4144	2.36	cps
Bromine	81-1	14803	15304	15194	15100	1.74	cps
Cadmium	111-1	2732	2151	2302	2395	12.60	cps
Cadmium	106-1	3284	2525	2909	2906	13.05	cps
Cadmium	108-1	863	804	804	824	4.09	cps
Calcium	43-1	1683899	1713659	1660760	1686106	1.57	cps
Calcium	44-1	26827850	27206736	27406298	27146961	1.08	cps
Carbon	12-1	16773045	17188870	17242515	17068143	1.51	cps
Carbon	12-2	201370	200557	194736	198888	1.82	cps
Chlorine	35-1	6244195	7564552	9044349	7617699	18.39	cps
Chlorine	35-2	81882	90449	95977	89436	7.94	cps
Chromium	52-2	31441	30743	30112	30765	2.16	cps
Cobalt	59-2	3070	3157	3064	3097	1.68	cps
Copper	63-2	15275	15692	14985	15317	2.32	cps
Dysprosium	156-1	42	33	17	31	41.66	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	50	108	50	69	48.50	cps
Erbium	164-2	27	23	30	27	12.51	cps
Gadolinium	160-1	58	75	25	53	48.24	cps
Gadolinium	160-2	53	77	53	61	22.05	cps
Holmium	165-1	7249595	7693488	7230530	7391204	3.54	cps
Holmium	165-2	3647275	3817213	3750974	3738487	2.29	cps
Indium	115-1	6535961	6629515	6416930	6527469	1.63	cps
Indium	115-2	1067794	1075100	1059746	1067547	0.72	cps
Iron	54-2	6241931	6150127	6208010	6200022	0.75	cps
Iron	56-2	112280239	113771416	112629897	112893851	0.69	cps
Iron	57-2	2850810	2908287	2898128	2885742	1.06	cps

LB Number : LB117894 Operator : Jaswal
 Lab Sample ID : ICSA084 Instrumnet Name : P8
 Client Sample ID : ICSA084 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-19 13:11:07 DataFile Name : 015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1107	1167	1137	1137	2.64	cps
Lead	206-1	12784	13991	13869	13548	4.90	cps
Lead	207-1	10655	11066	11516	11079	3.89	cps
Lead	208-1	49510	51729	51679	50973	2.49	cps
Lithium	6-1	2484299	2574872	2508630	2522601	1.86	cps
Magnesium	24-2	11683228	11687257	11626760	11665748	0.29	cps
Manganese	55-2	5698	5584	5631	5638	1.01	cps
Molybdenum	94-1	2560659	2597682	2520292	2559544	1.51	cps
Molybdenum	95-1	4463411	4557803	4383067	4468093	1.96	cps
Molybdenum	96-1	4882933	4890337	4869649	4880973	0.21	cps
Molybdenum	97-1	2789097	2748123	2766561	2767927	0.74	cps
Molybdenum	98-1	7173833	7250928	7202017	7208926	0.54	cps
Neodymium	150-1	60	27	33	40	44.09	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	3951	3874	3771	3865	2.34	cps
Phosphorus	31-2	204793	205740	203769	204767	0.48	cps
Potassium	39-2	8778825	8660306	8529000	8656044	1.44	cps
Rhodium	103-1	6249932	6494653	6146724	6297103	2.84	cps
Rhodium	103-2	3139076	3095826	3138796	3124566	0.80	cps
Scandium	45-1	5580440	5805585	5715622	5700549	1.99	cps
Scandium	45-2	190073	195131	191378	192194	1.37	cps
Selenium	82-1	11	1	14	9	80.44	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	65	51	59	58	12.04	cps
Silicon	28-1	752499	758436	756774	755903	0.41	cps
Silver	107-1	717	600	533	617	15.05	cps
Silver	109-1	542	583	375	500	22.05	cps
Sodium	23-2	24207089	24142611	23416506	23922069	1.84	cps
Strontium	86-1	56917	57670	58582	57723	1.45	cps
Strontium	88-1	471017	486453	471687	476386	1.83	cps
Sulfur	34-1	2517867	2434068	2469270	2473735	1.70	cps
Terbium	159-1	7761167	8010144	7727858	7833056	1.97	cps
Terbium	159-2	3587339	3678746	3573160	3613082	1.59	cps
Thallium	203-1	342	458	417	406	14.58	cps
Thallium	205-1	900	1133	1067	1033	11.63	cps
Tin	118-1	22427	23178	22260	22622	2.16	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	ICSA084	Instrumnet Name :	P8
Client Sample ID :	ICSA084	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 13:11:07	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1612857	1640058	1627952	1626956	0.84	cps
Uranium	238-1	267	308	217	264	17.39	cps
Vanadium	51-2	227	207	247	227	8.82	cps
Ytterbium	172-1	42	58	33	44	28.64	cps
Ytterbium	172-2	17	11	11	13	24.76	cps
Ytterbium	176-1	708	650	783	714	9.36	cps
Ytterbium	176-2	3762	3712	4117	3864	5.73	cps
Yttrium	89-1	13139586	13386687	13039572	13188615	1.35	cps
Yttrium	89-2	1539713	1488702	1499092	1509169	1.79	cps
Zinc	66-2	2744	2350	2507	2534	7.82	cps
Zirconium	90-1	1000	858	975	945	8.01	cps
Zirconium	91-1	183	125	125	144	23.32	cps

LB Number : LB117894 Operator : Jaswal
 Lab Sample ID : ICSAB084 Instrumnet Name : P8
 Client Sample ID : ICSAB084 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-19 13:14:02 DataFile Name : 016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3925491	3898795	3876376	3900221	0.63	cps
Antimony	121-1	85551	84628	85913	85364	0.78	cps
Arsenic	75-2	2703	2665	2780	2716	2.16	cps
Barium	135-1	22277	22945	23254	22825	2.19	cps
Barium	137-1	38012	38573	39333	38639	1.72	cps
Beryllium	9-1	24504	25136	25156	24932	1.49	cps
Bismuth	209-1	4161106	4296101	4175413	4210873	1.76	cps
Bismuth	209-2	2509693	2456689	2454620	2473667	1.26	cps
Boron	10-1	888	868	868	875	1.32	cps
Boron	11-1	4214	4156	3998	4122	2.71	cps
Bromine	81-1	15655	15966	15124	15581	2.73	cps
Cadmium	111-1	21615	22308	21463	21795	2.07	cps
Cadmium	106-1	4959	4909	4342	4737	7.23	cps
Cadmium	108-1	2042	2188	2100	2110	3.48	cps
Calcium	43-1	1602458	1658257	1748894	1669869	4.43	cps
Calcium	44-1	25793686	26788801	27829592	26804027	3.80	cps
Carbon	12-1	17343942	17149662	17587400	17360335	1.26	cps
Carbon	12-2	202901	199535	201646	201361	0.84	cps
Chlorine	35-1	11342557	13290064	15078925	13237182	14.12	cps
Chlorine	35-2	125366	128870	130696	128311	2.11	cps
Chromium	52-2	62302	60929	61652	61628	1.11	cps
Cobalt	59-2	56850	57579	56642	57024	0.86	cps
Copper	63-2	54959	55264	55348	55190	0.37	cps
Dysprosium	156-1	50	33	17	33	50.00	cps
Dysprosium	156-2	7	10	10	9	21.63	cps
Erbium	164-1	42	83	58	61	34.32	cps
Erbium	164-2	27	30	23	27	12.51	cps
Gadolinium	160-1	58	83	108	83	30.00	cps
Gadolinium	160-2	63	60	47	57	15.56	cps
Holmium	165-1	7405458	7473992	7341029	7406826	0.90	cps
Holmium	165-2	3726998	3667187	3668665	3687617	0.93	cps
Indium	115-1	6727034	6708943	6382560	6606179	2.93	cps
Indium	115-2	1083374	1068391	1075528	1075765	0.70	cps
Iron	54-2	6430132	6386799	6164133	6327021	2.26	cps
Iron	56-2	113216525	115138966	115096175	114483889	0.96	cps
Iron	57-2	2951786	2957166	2824135	2911029	2.59	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	ICSAB084	Instrumnet Name :	P8
Client Sample ID :	ICSAB084	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 13:14:02	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1093	1180	1130	1135	3.83	cps
Lead	206-1	66207	67514	68330	67351	1.59	cps
Lead	207-1	56284	55603	57957	56615	2.14	cps
Lead	208-1	258652	262131	266754	262512	1.55	cps
Lithium	6-1	2608291	2631411	2631609	2623770	0.51	cps
Magnesium	24-2	11854240	11867205	11853160	11858202	0.07	cps
Manganese	55-2	20321	20461	19674	20152	2.09	cps
Molybdenum	94-1	2658392	2643179	2637045	2646205	0.42	cps
Molybdenum	95-1	4521328	4502833	4616703	4546955	1.34	cps
Molybdenum	96-1	4831497	4979616	4904820	4905311	1.51	cps
Molybdenum	97-1	2855713	2831320	2812898	2833310	0.76	cps
Molybdenum	98-1	7155867	7207572	7308318	7223919	1.07	cps
Neodymium	150-1	13	27	40	27	50.01	cps
Neodymium	150-2	13	7	10	10	33.30	cps
Nickel	60-2	18295	17718	18499	18171	2.23	cps
Phosphorus	31-2	215527	208121	209161	210937	1.90	cps
Potassium	39-2	8944216	8819439	8997033	8920229	1.02	cps
Rhodium	103-1	6428261	6319456	6175051	6307589	2.01	cps
Rhodium	103-2	3173206	3208544	3123341	3168364	1.35	cps
Scandium	45-1	5448612	5669827	5516343	5544927	2.04	cps
Scandium	45-2	194958	193304	195223	194495	0.53	cps
Selenium	82-1	1624	1468	1577	1556	5.15	cps
Selenium	77-2	67	40	33	47	37.80	cps
Selenium	78-2	210	201	215	209	3.40	cps
Silicon	28-1	777091	773641	773870	774867	0.25	cps
Silver	107-1	97411	98587	102841	99613	2.87	cps
Silver	109-1	93652	92569	94969	93730	1.28	cps
Sodium	23-2	24201442	23853178	24581577	24212066	1.50	cps
Strontium	86-1	57386	57335	58741	57821	1.38	cps
Strontium	88-1	471178	480990	495732	482633	2.56	cps
Sulfur	34-1	2419421	2485344	2440190	2448318	1.38	cps
Terbium	159-1	7998141	8213881	7720315	7977445	3.10	cps
Terbium	159-2	3639220	3795537	3598106	3677621	2.83	cps
Thallium	203-1	67459	66680	67996	67378	0.98	cps
Thallium	205-1	155547	163027	164149	160908	2.91	cps
Tin	118-1	20691	20240	20516	20482	1.11	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	ICSAB084	Instrumnet Name :	P8
Client Sample ID :	ICSAB084	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 13:14:02	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1582008	1623858	1605614	1603827	1.31	cps
Uranium	238-1	317	275	233	275	15.15	cps
Vanadium	51-2	25436	25690	25209	25445	0.95	cps
Ytterbium	172-1	42	0	25	22	94.38	cps
Ytterbium	172-2	0	11	6	6	99.97	cps
Ytterbium	176-1	683	733	692	703	3.81	cps
Ytterbium	176-2	3878	4173	4112	4054	3.83	cps
Yttrium	89-1	13026695	13299945	12939525	13088722	1.44	cps
Yttrium	89-2	1486839	1473579	1464656	1475025	0.76	cps
Zinc	66-2	6705	6765	6612	6694	1.15	cps
Zirconium	90-1	1008	908	1008	975	5.92	cps
Zirconium	91-1	208	183	267	219	19.49	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	CCV072	Instrumnet Name :	P8
Client Sample ID :	CCV072	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 13:16:56	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2038826	2023373	1991688	2017962	1.19	cps
Antimony	121-1	1987251	1948800	1935055	1957035	1.38	cps
Arsenic	75-2	66977	65873	65701	66184	1.05	cps
Barium	135-1	2569848	2683230	2592958	2615345	2.29	cps
Barium	137-1	4462950	4451824	4451929	4455568	0.14	cps
Beryllium	9-1	580309	589647	596100	588685	1.35	cps
Bismuth	209-1	4021870	4139275	4025369	4062171	1.64	cps
Bismuth	209-2	2378134	2327050	2391863	2365682	1.44	cps
Boron	10-1	55515	60329	61375	59073	5.29	cps
Boron	11-1	266550	288550	297749	284283	5.64	cps
Bromine	81-1	15274	16006	14392	15224	5.31	cps
Cadmium	111-1	457122	470774	474830	467576	1.98	cps
Cadmium	106-1	53053	55890	56458	55134	3.31	cps
Cadmium	108-1	36018	36051	37426	36498	2.20	cps
Calcium	43-1	4002226	4101780	4177283	4093763	2.14	cps
Calcium	44-1	63165467	66474996	66262457	65300973	2.84	cps
Carbon	12-1	4767444	5005013	5175378	4982612	4.11	cps
Carbon	12-2	63990	63956	63437	63794	0.49	cps
Chlorine	35-1	5048452	4856291	4892438	4932394	2.07	cps
Chlorine	35-2	33590	33038	31660	32763	3.03	cps
Chromium	52-2	752796	739639	748782	747073	0.90	cps
Cobalt	59-2	1288175	1276818	1269182	1278059	0.75	cps
Copper	63-2	10342183	9690947	10023811	10018980	3.25	cps
Dysprosium	156-1	317	508	392	406	23.82	cps
Dysprosium	156-2	197	180	237	204	14.25	cps
Erbium	164-1	142	117	158	139	15.10	cps
Erbium	164-2	73	77	70	73	4.55	cps
Gadolinium	160-1	292	408	442	381	20.70	cps
Gadolinium	160-2	260	313	270	281	10.08	cps
Holmium	165-1	7419421	7523842	7257698	7400321	1.81	cps
Holmium	165-2	3814073	3696760	3719831	3743555	1.66	cps
Indium	115-1	6386536	6330980	6672369	6463295	2.83	cps
Indium	115-2	1058445	1047734	1047112	1051097	0.61	cps
Iron	54-2	7989274	7542533	7520491	7684099	3.44	cps
Iron	56-2	140744484	137020503	136574159	138113048	1.66	cps
Iron	57-2	3581002	3442005	3457009	3493339	2.18	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	CCV072	Instrumnet Name :	P8
Client Sample ID :	CCV072	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 13:16:56	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1147	1043	1010	1067	6.68	cps
Lead	206-1	6606348	6856649	6687801	6716932	1.90	cps
Lead	207-1	5650174	6039738	5859682	5849865	3.33	cps
Lead	208-1	26186209	27372157	26655105	26737824	2.23	cps
Lithium	6-1	2533065	2570511	2556666	2553414	0.74	cps
Magnesium	24-2	30247482	29502549	29241180	29663737	1.76	cps
Manganese	55-2	3766092	3579146	3586571	3643936	2.90	cps
Molybdenum	94-1	8587857	8621391	8855742	8688330	1.68	cps
Molybdenum	95-1	12108392	12257850	12652769	12339670	2.28	cps
Molybdenum	96-1	13457304	13793556	13949403	13733421	1.83	cps
Molybdenum	97-1	7438526	7702285	7721380	7620730	2.07	cps
Molybdenum	98-1	19279635	19927433	19926768	19711279	1.90	cps
Neodymium	150-1	340	347	240	309	19.34	cps
Neodymium	150-2	73	63	50	62	18.81	cps
Nickel	60-2	360033	352606	355897	356178	1.04	cps
Phosphorus	31-2	20790	20131	20674	20532	1.71	cps
Potassium	39-2	10974784	10820306	11046560	10947216	1.06	cps
Rhodium	103-1	6025322	6191567	6224481	6147123	1.74	cps
Rhodium	103-2	3064479	2984893	3047886	3032419	1.38	cps
Scandium	45-1	5391560	5689082	5687188	5589277	3.06	cps
Scandium	45-2	190696	190451	192330	191159	0.53	cps
Selenium	82-1	45019	45559	46089	45555	1.18	cps
Selenium	77-2	1323	1517	1283	1375	9.08	cps
Selenium	78-2	4549	4535	4378	4488	2.12	cps
Silicon	28-1	2262190	2399518	2391479	2351062	3.28	cps
Silver	107-1	2632560	2667631	2695977	2665389	1.19	cps
Silver	109-1	2448209	2529877	2473084	2483723	1.69	cps
Sodium	23-2	59894706	58644810	58954158	59164558	1.10	cps
Strontium	86-1	7606622	7831944	7768106	7735557	1.50	cps
Strontium	88-1	66116014	66080199	67000074	66398763	0.78	cps
Sulfur	34-1	617926	615079	611466	614824	0.53	cps
Terbium	159-1	7628057	7772500	7974097	7791551	2.23	cps
Terbium	159-2	3570696	3646099	3577065	3597954	1.16	cps
Thallium	203-1	1582704	1658124	1621739	1620856	2.33	cps
Thallium	205-1	3870910	3824909	3848666	3848162	0.60	cps
Tin	118-1	1681919	1743177	1732382	1719160	1.90	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	CCV072	Instrumnet Name :	P8
Client Sample ID :	CCV072	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 13:16:56	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4183148	4271042	4370031	4274740	2.19	cps
Uranium	238-1	5145832	5197015	5213627	5185491	0.68	cps
Vanadium	51-2	629044	615912	613991	619649	1.32	cps
Ytterbium	172-1	33	33	42	36	13.33	cps
Ytterbium	172-2	28	33	33	31	10.18	cps
Ytterbium	176-1	7778	7511	7928	7739	2.73	cps
Ytterbium	176-2	7058	7452	7964	7491	6.06	cps
Yttrium	89-1	12962156	13211131	13176297	13116528	1.03	cps
Yttrium	89-2	1444692	1440062	1488397	1457717	1.83	cps
Zinc	66-2	1027781	999900	989948	1005876	1.95	cps
Zirconium	90-1	3972407	4180464	4180860	4111244	2.92	cps
Zirconium	91-1	921611	931976	948061	933883	1.43	cps

LB Number : LB117894 Operator : Jaswal
 Lab Sample ID : CCB072 Instrumnet Name : P8
 Client Sample ID : CCB072 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-19 13:31:03 DataFile Name : 018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	124	139	164	142	14.22	cps
Antimony	121-1	217	175	308	233	29.23	cps
Arsenic	75-2	8	8	6	7	15.75	cps
Barium	135-1	75	42	8	42	80.00	cps
Barium	137-1	25	67	100	64	58.82	cps
Beryllium	9-1	84	98	78	87	11.84	cps
Bismuth	209-1	4200879	4259298	4087130	4182436	2.09	cps
Bismuth	209-2	2362523	2464060	2413206	2413263	2.10	cps
Boron	10-1	1296	1130	1168	1198	7.26	cps
Boron	11-1	5732	5916	5680	5776	2.15	cps
Bromine	81-1	15304	14763	14262	14776	3.53	cps
Cadmium	111-1	1872	1804	1686	1787	5.26	cps
Cadmium	106-1	2625	2475	2350	2484	5.55	cps
Cadmium	108-1	17	29	25	24	26.95	cps
Calcium	43-1	272	291	290	285	3.68	cps
Calcium	44-1	26332	26501	26307	26380	0.40	cps
Carbon	12-1	3735928	3690750	3677320	3701333	0.83	cps
Carbon	12-2	41952	41977	42378	42103	0.57	cps
Chlorine	35-1	843270	817234	814514	825006	1.92	cps
Chlorine	35-2	5543	5560	5376	5493	1.85	cps
Chromium	52-2	630	627	640	632	1.10	cps
Cobalt	59-2	60	83	43	62	32.29	cps
Copper	63-2	640	720	687	682	5.89	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	33	50	58	47	26.96	cps
Erbium	164-2	33	20	27	27	24.99	cps
Gadolinium	160-1	58	58	67	61	7.87	cps
Gadolinium	160-2	37	43	47	42	12.06	cps
Holmium	165-1	7332274	7167133	7024962	7174790	2.14	cps
Holmium	165-2	3473124	3615670	3500739	3529844	2.14	cps
Indium	115-1	6494887	6569439	6335130	6466485	1.85	cps
Indium	115-2	1035945	1090051	1066897	1064297	2.55	cps
Iron	54-2	461	411	411	428	6.75	cps
Iron	56-2	3100	3356	2906	3121	7.23	cps
Iron	57-2	233	283	250	256	9.96	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	CCB072	Instrumnet Name :	P8
Client Sample ID :	CCB072	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 13:31:03	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1087	1080	1027	1064	3.09	cps
Lead	206-1	794	711	739	748	5.67	cps
Lead	207-1	639	650	572	620	6.78	cps
Lead	208-1	3028	3095	2817	2980	4.87	cps
Lithium	6-1	2443901	2449452	2427802	2440385	0.46	cps
Magnesium	24-2	750	733	675	719	5.47	cps
Manganese	55-2	53	70	63	62	13.48	cps
Molybdenum	94-1	375	342	367	361	4.80	cps
Molybdenum	95-1	400	208	150	253	51.74	cps
Molybdenum	96-1	358	275	292	308	14.30	cps
Molybdenum	97-1	217	183	92	164	39.50	cps
Molybdenum	98-1	575	292	283	383	43.32	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	87	63	70	73	16.39	cps
Phosphorus	31-2	100	67	100	89	21.65	cps
Potassium	39-2	19130	18637	18846	18871	1.31	cps
Rhodium	103-1	6366695	6439061	6221417	6342391	1.75	cps
Rhodium	103-2	3095546	3203206	3139093	3145948	1.72	cps
Scandium	45-1	5594138	5447419	5241024	5427527	3.27	cps
Scandium	45-2	182033	192058	187968	187353	2.69	cps
Selenium	82-1	-15	-4	65	16	278.13	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	41	60	53	51	18.73	cps
Silicon	28-1	652532	653714	652871	653039	0.09	cps
Silver	107-1	200	217	125	181	27.04	cps
Silver	109-1	117	108	150	125	17.64	cps
Sodium	23-2	19171	19071	19121	19121	0.26	cps
Strontium	86-1	1783	1742	1825	1783	2.34	cps
Strontium	88-1	525	408	425	453	13.94	cps
Sulfur	34-1	343887	345228	347045	345387	0.46	cps
Terbium	159-1	7380857	7457938	7153566	7330787	2.16	cps
Terbium	159-2	3416277	3540057	3423540	3459958	2.01	cps
Thallium	203-1	383	308	275	322	17.22	cps
Thallium	205-1	850	933	858	881	5.21	cps
Tin	118-1	2167	2217	2259	2214	2.07	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	CCB072	Instrumnet Name :	P8
Client Sample ID :	CCB072	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 13:31:03	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	217	225	333	258	25.20	cps
Uranium	238-1	25	58	17	33	66.14	cps
Vanadium	51-2	10	20	7	12	56.76	cps
Ytterbium	172-1	0	42	25	22	94.38	cps
Ytterbium	172-2	11	11	11	11	0.00	cps
Ytterbium	176-1	650	567	575	597	7.69	cps
Ytterbium	176-2	3784	4301	3823	3969	7.25	cps
Yttrium	89-1	13172004	12676916	12357581	12735500	3.22	cps
Yttrium	89-2	1420667	1448807	1465352	1444942	1.56	cps
Zinc	66-2	163	147	197	169	15.07	cps
Zirconium	90-1	742	717	758	739	2.84	cps
Zirconium	91-1	125	217	92	144	44.81	cps

LB Number : LB117894 Operator : Jaswal
 Lab Sample ID : PB141393BL Instrumnet Name : P8
 Client Sample ID : PBW393 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-19 13:37:14 DataFile Name : 020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	145	110	147	134	15.62	cps
Antimony	121-1	100	117	150	122	20.83	cps
Arsenic	75-2	10	6	6	7	31.49	cps
Barium	135-1	33	25	75	44	60.28	cps
Barium	137-1	67	75	58	67	12.50	cps
Beryllium	9-1	94	104	68	89	20.96	cps
Bismuth	209-1	4137516	4117580	4068504	4107867	0.86	cps
Bismuth	209-2	2427933	2482895	2470781	2460536	1.17	cps
Boron	10-1	850	896	876	874	2.64	cps
Boron	11-1	4252	4124	4100	4158	1.97	cps
Bromine	81-1	14352	15104	15545	15000	4.02	cps
Cadmium	111-1	2272	2282	1946	2167	8.82	cps
Cadmium	106-1	3184	3184	2700	3023	9.23	cps
Cadmium	108-1	21	38	33	31	28.39	cps
Calcium	43-1	235	254	292	260	11.26	cps
Calcium	44-1	25521	25543	25374	25480	0.36	cps
Carbon	12-1	3260666	3200009	3208696	3223124	1.02	cps
Carbon	12-2	36479	35293	35059	35610	2.14	cps
Chlorine	35-1	581028	573109	574348	576161	0.74	cps
Chlorine	35-2	3834	3842	3926	3867	1.31	cps
Chromium	52-2	627	663	690	660	4.82	cps
Cobalt	59-2	70	53	47	57	21.21	cps
Copper	63-2	550	657	620	609	8.90	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	42	75	83	67	33.07	cps
Erbium	164-2	10	40	17	22	70.88	cps
Gadolinium	160-1	75	50	50	58	24.74	cps
Gadolinium	160-2	50	53	60	54	9.35	cps
Holmium	165-1	6977120	7438576	7145391	7187029	3.25	cps
Holmium	165-2	3641253	3617369	3600911	3619844	0.56	cps
Indium	115-1	6393077	6559268	6409507	6453951	1.42	cps
Indium	115-2	1089229	1064982	1065328	1073180	1.30	cps
Iron	54-2	394	411	394	400	2.41	cps
Iron	56-2	3189	2995	3212	3132	3.81	cps
Iron	57-2	211	272	222	235	13.84	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	PB141393BL	Instrumnet Name :	P8
Client Sample ID :	PBW393	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 13:37:14	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1003	1120	1057	1060	5.51	cps
Lead	206-1	717	728	672	706	4.17	cps
Lead	207-1	472	644	739	619	21.86	cps
Lead	208-1	2728	2911	2783	2808	3.35	cps
Lithium	6-1	2442889	2426331	2407958	2425726	0.72	cps
Magnesium	24-2	650	742	583	658	12.08	cps
Manganese	55-2	77	53	73	68	18.62	cps
Molybdenum	94-1	325	308	267	300	10.01	cps
Molybdenum	95-1	108	150	83	114	29.57	cps
Molybdenum	96-1	192	217	175	194	10.78	cps
Molybdenum	97-1	67	75	42	61	28.38	cps
Molybdenum	98-1	150	142	142	144	3.33	cps
Neodymium	150-1	7	13	13	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	87	70	73	77	11.51	cps
Phosphorus	31-2	133	192	175	167	18.03	cps
Potassium	39-2	18262	18220	18204	18229	0.17	cps
Rhodium	103-1	6393704	6317077	6270608	6327130	0.98	cps
Rhodium	103-2	3184040	3205604	3194752	3194799	0.34	cps
Scandium	45-1	5335141	5331197	5223972	5296770	1.19	cps
Scandium	45-2	191501	188116	186584	188733	1.33	cps
Selenium	82-1	79	6	48	44	82.45	cps
Selenium	77-2	7	3	10	7	50.03	cps
Selenium	78-2	64	73	46	61	22.54	cps
Silicon	28-1	645801	649045	650586	648477	0.38	cps
Silver	107-1	142	83	142	122	27.55	cps
Silver	109-1	133	142	117	131	9.75	cps
Sodium	23-2	18070	17870	17427	17789	1.85	cps
Strontium	86-1	1775	1575	1583	1645	6.88	cps
Strontium	88-1	292	300	233	275	13.21	cps
Sulfur	34-1	350832	356323	356492	354549	0.91	cps
Terbium	159-1	7152188	7245842	7193911	7197314	0.65	cps
Terbium	159-2	3581353	3499600	3559108	3546687	1.19	cps
Thallium	203-1	275	342	317	311	10.83	cps
Thallium	205-1	900	783	642	775	16.69	cps
Tin	118-1	1567	1450	1617	1545	5.54	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	PB141393BL	Instrumnet Name :	P8
Client Sample ID :	PBW393	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 13:37:14	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	183	267	292	247	22.94	cps
Uranium	238-1	33	17	8	19	65.47	cps
Vanadium	51-2	10	13	13	12	15.73	cps
Ytterbium	172-1	8	8	42	19	99.00	cps
Ytterbium	172-2	11	6	11	9	34.60	cps
Ytterbium	176-1	650	683	708	681	4.30	cps
Ytterbium	176-2	3795	3745	4423	3988	9.48	cps
Yttrium	89-1	12805071	12622921	12853129	12760374	0.95	cps
Yttrium	89-2	1470685	1449449	1459549	1459894	0.73	cps
Zinc	66-2	143	143	157	148	5.21	cps
Zirconium	90-1	675	725	575	658	11.60	cps
Zirconium	91-1	158	192	183	178	9.76	cps

LB Number : LB117894 Operator : Jaswal
 Lab Sample ID : PB141393BS Instrumnet Name : P8
 Client Sample ID : LCS393 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-19 13:40:16 DataFile Name : 021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1615	1605	1692	1637	2.92	cps
Antimony	121-1	12631	14233	14266	13710	6.82	cps
Arsenic	75-2	269	255	228	251	8.31	cps
Barium	135-1	17695	18255	17745	17898	1.73	cps
Barium	137-1	30945	29625	30970	30513	2.52	cps
Beryllium	9-1	2246	2322	2282	2283	1.66	cps
Bismuth	209-1	4168729	4176058	4229923	4191570	0.80	cps
Bismuth	209-2	2244696	2462765	2420381	2375947	4.87	cps
Boron	10-1	4904	5226	5582	5237	6.48	cps
Boron	11-1	24139	26533	27660	26111	6.89	cps
Bromine	81-1	15625	14443	15084	15050	3.93	cps
Cadmium	111-1	3878	3598	4098	3858	6.49	cps
Cadmium	106-1	2967	2867	3259	3031	6.72	cps
Cadmium	108-1	171	192	179	181	5.81	cps
Calcium	43-1	14579	14582	14860	14674	1.10	cps
Calcium	44-1	259163	260352	260433	259983	0.27	cps
Carbon	12-1	3297295	3245447	3295180	3279307	0.89	cps
Carbon	12-2	37081	35811	36020	36304	1.88	cps
Chlorine	35-1	502154	502653	483724	496177	2.17	cps
Chlorine	35-2	3292	3217	3350	3287	2.03	cps
Chromium	52-2	6055	6008	6041	6035	0.40	cps
Cobalt	59-2	5384	4854	4904	5048	5.80	cps
Copper	63-2	8583	8329	8212	8375	2.26	cps
Dysprosium	156-1	0	8	17	8	100.02	cps
Dysprosium	156-2	10	0	3	4	114.60	cps
Erbium	164-1	58	67	58	61	7.88	cps
Erbium	164-2	17	13	17	16	12.40	cps
Gadolinium	160-1	17	50	58	42	52.91	cps
Gadolinium	160-2	60	53	50	54	9.35	cps
Holmium	165-1	7155141	7136763	7147580	7146494	0.13	cps
Holmium	165-2	3459289	3538218	3586965	3528157	1.83	cps
Indium	115-1	6611356	6532511	6528925	6557597	0.71	cps
Indium	115-2	1023489	1093742	1075034	1064088	3.42	cps
Iron	54-2	27605	27354	26514	27158	2.10	cps
Iron	56-2	500212	495277	491202	495564	0.91	cps
Iron	57-2	12606	12094	11850	12183	3.17	cps

LB Number : LB117894 Operator : Jaswal
 Lab Sample ID : PB141393BS Instrumnet Name : P8
 Client Sample ID : LCS393 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-19 13:40:16 DataFile Name : 021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1067	1020	943	1010	6.17	cps
Lead	206-1	5407	5090	5029	5175	3.92	cps
Lead	207-1	4868	4957	4306	4710	7.49	cps
Lead	208-1	21652	21646	21007	21435	1.73	cps
Lithium	6-1	2475754	2393873	2446781	2438803	1.70	cps
Magnesium	24-2	116212	113104	114230	114515	1.37	cps
Manganese	55-2	1607	1517	1467	1530	4.64	cps
Molybdenum	94-1	17653	18446	17420	17840	3.02	cps
Molybdenum	95-1	21025	20858	20198	20694	2.11	cps
Molybdenum	96-1	23303	23354	23262	23306	0.20	cps
Molybdenum	97-1	12381	12581	12756	12573	1.49	cps
Molybdenum	98-1	32731	33851	32447	33009	2.25	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	1443	1433	1437	1438	0.35	cps
Phosphorus	31-2	183	217	175	192	11.51	cps
Potassium	39-2	100180	98309	98619	99036	1.01	cps
Rhodium	103-1	6144362	6489347	6386070	6339927	2.79	cps
Rhodium	103-2	3005092	3222564	3102792	3110149	3.50	cps
Scandium	45-1	5431475	5437510	5312026	5393670	1.31	cps
Scandium	45-2	181119	191074	193135	188443	3.41	cps
Selenium	82-1	733	816	903	817	10.40	cps
Selenium	77-2	13	20	30	21	39.75	cps
Selenium	78-2	131	143	154	143	8.07	cps
Silicon	28-1	722221	724093	720949	722421	0.22	cps
Silver	107-1	8853	8595	8778	8742	1.52	cps
Silver	109-1	8603	8219	8845	8556	3.69	cps
Sodium	23-2	241936	236867	237931	238912	1.12	cps
Strontium	86-1	4434	4801	4843	4693	4.79	cps
Strontium	88-1	25273	24297	24781	24784	1.97	cps
Sulfur	34-1	350432	356048	355104	353861	0.85	cps
Terbium	159-1	7517050	7624539	7475091	7538893	1.02	cps
Terbium	159-2	3416861	3499381	3561645	3492629	2.08	cps
Thallium	203-1	5585	6268	6260	6038	6.50	cps
Thallium	205-1	13666	13616	14534	13938	3.70	cps
Tin	118-1	31612	33308	33859	32927	3.56	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	PB141393BS	Instrumnet Name :	P8
Client Sample ID :	LCS393	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 13:40:16	DataFile Name :	021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	7360	7627	7569	7519	1.87	cps
Uranium	238-1	17479	17262	17212	17318	0.82	cps
Vanadium	51-2	11431	11268	11335	11345	0.72	cps
Ytterbium	172-1	25	17	33	25	33.32	cps
Ytterbium	172-2	17	6	33	19	75.47	cps
Ytterbium	176-1	717	775	775	756	4.46	cps
Ytterbium	176-2	3606	4151	4112	3956	7.68	cps
Yttrium	89-1	12610964	12692409	12516081	12606484	0.70	cps
Yttrium	89-2	1428862	1490133	1436501	1451832	2.30	cps
Zinc	66-2	2180	2080	2047	2102	3.30	cps
Zirconium	90-1	15376	15334	15951	15554	2.22	cps
Zirconium	91-1	3426	3392	3275	3364	2.34	cps

LB Number : LB117894 Operator : Jaswal
 Lab Sample ID : PB141391BL Instrumnet Name : P8
 Client Sample ID : PBW391 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-19 13:43:21 DataFile Name : 022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	147	134	147	143	5.56	cps
Antimony	121-1	108	92	208	136	46.36	cps
Arsenic	75-2	4	8	9	7	37.80	cps
Barium	135-1	25	25	33	28	17.31	cps
Barium	137-1	58	58	67	61	7.88	cps
Beryllium	9-1	90	110	88	96	12.68	cps
Bismuth	209-1	4049956	4020268	4113183	4061136	1.17	cps
Bismuth	209-2	2454324	2425058	2480067	2453150	1.12	cps
Boron	10-1	1124	1146	1136	1135	0.97	cps
Boron	11-1	5712	5426	5136	5425	5.31	cps
Bromine	81-1	15354	15274	15374	15334	0.35	cps
Cadmium	111-1	2063	1929	2017	2003	3.39	cps
Cadmium	106-1	2892	2759	2834	2828	2.36	cps
Cadmium	108-1	46	50	29	42	26.45	cps
Calcium	43-1	291	247	235	258	11.45	cps
Calcium	44-1	25174	25288	25442	25301	0.53	cps
Carbon	12-1	3104138	3207623	3093303	3135021	2.01	cps
Carbon	12-2	34608	34224	35636	34823	2.10	cps
Chlorine	35-1	424869	418532	420490	421297	0.77	cps
Chlorine	35-2	2942	3267	2909	3039	6.51	cps
Chromium	52-2	613	673	690	659	6.12	cps
Cobalt	59-2	83	47	83	71	29.76	cps
Copper	63-2	613	570	567	583	4.46	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	42	58	58	53	18.23	cps
Erbium	164-2	23	13	17	18	28.64	cps
Gadolinium	160-1	67	83	42	64	32.83	cps
Gadolinium	160-2	63	57	57	59	6.53	cps
Holmium	165-1	7056254	6948885	6911443	6972194	1.08	cps
Holmium	165-2	3573074	3450312	3606120	3543169	2.32	cps
Indium	115-1	6656193	6318130	6340198	6438174	2.94	cps
Indium	115-2	1072963	1072100	1079353	1074806	0.37	cps
Iron	54-2	372	383	422	393	6.69	cps
Iron	56-2	3262	3523	2828	3204	10.95	cps
Iron	57-2	278	217	200	231	17.69	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	PB141391BL	Instrumnet Name :	P8
Client Sample ID :	PBW391	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 13:43:21	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1180	1140	1167	1162	1.75	cps
Lead	206-1	778	667	706	717	7.87	cps
Lead	207-1	672	633	639	648	3.24	cps
Lead	208-1	2872	2822	2711	2802	2.94	cps
Lithium	6-1	2391870	2448002	2499136	2446336	2.19	cps
Magnesium	24-2	558	767	750	692	16.74	cps
Manganese	55-2	47	87	40	58	43.68	cps
Molybdenum	94-1	292	300	308	300	2.78	cps
Molybdenum	95-1	125	117	100	114	11.18	cps
Molybdenum	96-1	242	200	208	217	10.18	cps
Molybdenum	97-1	50	33	17	33	50.00	cps
Molybdenum	98-1	217	158	92	156	40.21	cps
Neodymium	150-1	0	0	33	11	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	67	53	43	54	21.51	cps
Phosphorus	31-2	125	183	100	136	31.42	cps
Potassium	39-2	18362	19163	18813	18779	2.14	cps
Rhodium	103-1	6347988	6262889	6435758	6348878	1.36	cps
Rhodium	103-2	3158276	3226485	3345574	3243445	2.92	cps
Scandium	45-1	5295942	5247410	5401792	5315048	1.49	cps
Scandium	45-2	188759	190096	192814	190557	1.08	cps
Selenium	82-1	-73	-55	-61	-63	-14.15	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	53	65	55	58	11.15	cps
Silicon	28-1	645169	645475	645478	645374	0.03	cps
Silver	107-1	225	267	167	219	22.89	cps
Silver	109-1	200	167	217	194	13.09	cps
Sodium	23-2	17995	16835	17795	17541	3.53	cps
Strontium	86-1	1725	1508	1884	1706	11.04	cps
Strontium	88-1	500	350	358	403	20.93	cps
Sulfur	34-1	357778	361353	361113	360081	0.55	cps
Terbium	159-1	7485608	7320313	7410630	7405517	1.12	cps
Terbium	159-2	3577978	3655589	3518067	3583878	1.92	cps
Thallium	203-1	300	292	392	328	16.93	cps
Thallium	205-1	592	667	775	678	13.60	cps
Tin	118-1	1600	1483	1550	1545	3.79	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	PB141391BL	Instrumnet Name :	P8
Client Sample ID :	PBW391	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 13:43:21	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	200	283	383	289	31.77	cps
Uranium	238-1	42	33	25	33	25.01	cps
Vanadium	51-2	7	13	20	13	49.99	cps
Ytterbium	172-1	58	25	33	39	44.61	cps
Ytterbium	172-2	11	6	22	13	65.44	cps
Ytterbium	176-1	725	675	750	717	5.33	cps
Ytterbium	176-2	3778	3917	4134	3943	4.55	cps
Yttrium	89-1	12618052	12404488	12271102	12431214	1.41	cps
Yttrium	89-2	1485639	1505769	1485401	1492270	0.78	cps
Zinc	66-2	193	183	193	190	3.04	cps
Zirconium	90-1	633	700	633	656	5.87	cps
Zirconium	91-1	158	192	200	183	12.03	cps

LB Number : LB117894 Operator : Jaswal
 Lab Sample ID : PB141391BS Instrumnet Name : P8
 Client Sample ID : LCS391 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-19 13:46:24 DataFile Name : 023LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1640	1677	1669	1662	1.18	cps
Antimony	121-1	13882	13983	14491	14119	2.31	cps
Arsenic	75-2	260	268	259	262	1.88	cps
Barium	135-1	18271	17946	18037	18085	0.93	cps
Barium	137-1	31379	30827	30009	30738	2.24	cps
Beryllium	9-1	2290	2348	2252	2296	2.11	cps
Bismuth	209-1	3994645	4153171	4035376	4061064	2.03	cps
Bismuth	209-2	2489797	2482914	2390361	2454357	2.26	cps
Boron	10-1	4976	5618	5686	5427	7.22	cps
Boron	11-1	24389	26138	27418	25982	5.85	cps
Bromine	81-1	15254	14843	15675	15257	2.73	cps
Cadmium	111-1	3837	3628	3726	3731	2.80	cps
Cadmium	106-1	2934	2767	2900	2867	3.08	cps
Cadmium	108-1	167	179	167	171	4.22	cps
Calcium	43-1	14764	14644	14651	14686	0.46	cps
Calcium	44-1	259115	259037	260774	259642	0.38	cps
Carbon	12-1	3298027	3182455	3256022	3245501	1.80	cps
Carbon	12-2	36154	36513	35702	36123	1.12	cps
Chlorine	35-1	393888	388325	390177	390797	0.72	cps
Chlorine	35-2	2842	2884	2792	2839	1.62	cps
Chromium	52-2	6171	5971	6081	6075	1.65	cps
Cobalt	59-2	4978	4968	4864	4936	1.27	cps
Copper	63-2	8349	8516	8606	8490	1.53	cps
Dysprosium	156-1	8	17	33	19	65.47	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	58	67	75	67	12.49	cps
Erbium	164-2	13	23	27	21	32.88	cps
Gadolinium	160-1	50	58	33	47	26.96	cps
Gadolinium	160-2	47	60	70	59	19.88	cps
Holmium	165-1	7131879	6972779	7102161	7068940	1.20	cps
Holmium	165-2	3574866	3620620	3488954	3561480	1.88	cps
Indium	115-1	6461076	6323708	6298344	6361043	1.38	cps
Indium	115-2	1084556	1099418	1047575	1077183	2.48	cps
Iron	54-2	28640	28228	27894	28254	1.32	cps
Iron	56-2	492569	491016	497994	493859	0.74	cps
Iron	57-2	12350	12172	12639	12387	1.90	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	PB141391BS	Instrumnet Name :	P8
Client Sample ID :	LCS391	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 13:46:24	DataFile Name :	023LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1090	1137	1023	1083	5.26	cps
Lead	206-1	5490	5290	5073	5284	3.94	cps
Lead	207-1	4690	4690	5123	4834	5.18	cps
Lead	208-1	21129	22091	21452	21557	2.27	cps
Lithium	6-1	2419529	2445466	2501609	2455534	1.71	cps
Magnesium	24-2	116129	115213	117439	116260	0.96	cps
Manganese	55-2	1463	1573	1440	1492	4.77	cps
Molybdenum	94-1	17244	17728	17612	17528	1.44	cps
Molybdenum	95-1	21058	21158	20933	21050	0.54	cps
Molybdenum	96-1	23512	24172	23771	23818	1.40	cps
Molybdenum	97-1	13390	13248	13540	13393	1.09	cps
Molybdenum	98-1	33725	32798	34870	33798	3.07	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1423	1410	1500	1445	3.36	cps
Phosphorus	31-2	258	208	192	219	15.81	cps
Potassium	39-2	102858	102119	101791	102256	0.53	cps
Rhodium	103-1	6571708	6308519	6280295	6386841	2.52	cps
Rhodium	103-2	3159379	3210785	3150225	3173463	1.03	cps
Scandium	45-1	5422465	5337653	5283633	5347917	1.31	cps
Scandium	45-2	190559	196212	185258	190676	2.87	cps
Selenium	82-1	654	684	790	709	10.05	cps
Selenium	77-2	33	10	33	26	52.71	cps
Selenium	78-2	155	149	124	143	11.53	cps
Silicon	28-1	722545	724589	731276	726137	0.63	cps
Silver	107-1	9062	8820	9112	8998	1.73	cps
Silver	109-1	8870	9145	8595	8870	3.10	cps
Sodium	23-2	240198	238882	237005	238695	0.67	cps
Strontium	86-1	4568	4192	4668	4476	5.60	cps
Strontium	88-1	24990	24672	25265	24976	1.19	cps
Sulfur	34-1	356258	359087	356647	357331	0.43	cps
Terbium	159-1	7331301	7466859	7398228	7398796	0.92	cps
Terbium	159-2	3538871	3552302	3364013	3485062	3.01	cps
Thallium	203-1	5635	5793	6285	5904	5.74	cps
Thallium	205-1	14208	14283	14817	14436	2.30	cps
Tin	118-1	32715	32431	34453	33199	3.30	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	PB141391BS	Instrumnet Name :	P8
Client Sample ID :	LCS391	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 13:46:24	DataFile Name :	023LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	7669	7302	7669	7547	2.81	cps
Uranium	238-1	17738	16411	17329	17159	3.96	cps
Vanadium	51-2	11421	11191	11331	11315	1.03	cps
Ytterbium	172-1	42	42	58	47	20.37	cps
Ytterbium	172-2	6	0	0	2	173.21	cps
Ytterbium	176-1	892	625	733	750	17.88	cps
Ytterbium	176-2	3840	3967	4090	3965	3.15	cps
Yttrium	89-1	12725961	12637147	12664334	12675814	0.36	cps
Yttrium	89-2	1464590	1503481	1439160	1469077	2.21	cps
Zinc	66-2	2234	2014	2030	2092	5.86	cps
Zirconium	90-1	15618	14992	14842	15150	2.72	cps
Zirconium	91-1	3484	3376	3259	3373	3.34	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	PB141395BL	Instrumnet Name :	P8
Client Sample ID :	PBW395	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 13:49:28	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	116	1211	221	516	117.04	cps
Antimony	121-1	83	150	150	128	30.12	cps
Arsenic	75-2	8	25	7	13	75.87	cps
Barium	135-1	33	50	58	47	26.97	cps
Barium	137-1	33	50	33	39	24.75	cps
Beryllium	9-1	68	88	78	78	12.82	cps
Bismuth	209-1	4099736	4028496	4029180	4052471	1.01	cps
Bismuth	209-2	2444212	2493550	2441985	2459915	1.18	cps
Boron	10-1	1242	1162	1012	1138	10.25	cps
Boron	11-1	5328	5082	4926	5112	3.97	cps
Bromine	81-1	15715	15214	15254	15394	1.81	cps
Cadmium	111-1	1934	1901	1730	1855	5.91	cps
Cadmium	106-1	2742	2675	2417	2611	6.57	cps
Cadmium	108-1	50	38	29	39	26.96	cps
Calcium	43-1	282	315	296	298	5.48	cps
Calcium	44-1	24984	24990	25099	25024	0.26	cps
Carbon	12-1	3116226	3162079	3205231	3161179	1.41	cps
Carbon	12-2	35084	34491	35911	35162	2.03	cps
Chlorine	35-1	361943	361243	362244	361810	0.14	cps
Chlorine	35-2	2592	2559	2309	2486	6.23	cps
Chromium	52-2	697	853	667	739	13.57	cps
Cobalt	59-2	50	510	120	227	109.36	cps
Copper	63-2	510	3075	953	1513	90.62	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	67	33	108	69	54.12	cps
Erbium	164-2	30	13	33	26	41.94	cps
Gadolinium	160-1	67	33	75	58	37.80	cps
Gadolinium	160-2	60	47	63	57	15.56	cps
Holmium	165-1	6960859	7055802	7041205	7019289	0.73	cps
Holmium	165-2	3524346	3705737	3580814	3603632	2.58	cps
Indium	115-1	6775298	6627372	6636825	6679832	1.24	cps
Indium	115-2	1082935	1097086	1071716	1083912	1.17	cps
Iron	54-2	461	3286	728	1492	104.56	cps
Iron	56-2	3178	53258	8409	21615	127.36	cps
Iron	57-2	206	1356	339	633	99.33	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	PB141395BL	Instrumnet Name :	P8
Client Sample ID :	PBW395	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 13:49:28	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1193	1090	1070	1118	5.92	cps
Lead	206-1	556	622	611	596	5.99	cps
Lead	207-1	617	550	494	554	11.05	cps
Lead	208-1	2595	2617	2578	2596	0.75	cps
Lithium	6-1	2446510	2444475	2403972	2431652	0.99	cps
Magnesium	24-2	692	8276	1467	3478	119.98	cps
Manganese	55-2	83	1147	213	481	120.57	cps
Molybdenum	94-1	250	300	217	256	16.41	cps
Molybdenum	95-1	58	42	100	67	45.06	cps
Molybdenum	96-1	258	167	192	206	23.05	cps
Molybdenum	97-1	42	42	67	50	28.87	cps
Molybdenum	98-1	83	67	142	97	40.50	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	73	193	100	122	51.56	cps
Phosphorus	31-2	142	158	133	144	8.81	cps
Potassium	39-2	19163	23082	19914	20720	10.04	cps
Rhodium	103-1	6416828	6400876	6512179	6443294	0.93	cps
Rhodium	103-2	3157734	3186666	3257640	3200680	1.61	cps
Scandium	45-1	5287437	5331843	5327731	5315670	0.46	cps
Scandium	45-2	191313	195473	189346	192044	1.63	cps
Selenium	82-1	-47	-5	53	0	11880.97	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	67	52	57	59	13.02	cps
Silicon	28-1	659146	652193	652405	654582	0.60	cps
Silver	107-1	225	233	275	244	10.96	cps
Silver	109-1	250	183	258	231	17.83	cps
Sodium	23-2	17444	29329	18696	21823	29.93	cps
Strontium	86-1	1583	1842	1775	1733	7.74	cps
Strontium	88-1	300	308	283	297	4.28	cps
Sulfur	34-1	354862	356493	354417	355257	0.31	cps
Terbium	159-1	7520676	7356324	7455182	7444061	1.11	cps
Terbium	159-2	3561225	3484764	3456843	3500944	1.54	cps
Thallium	203-1	325	208	283	272	21.72	cps
Thallium	205-1	833	600	592	675	20.32	cps
Tin	118-1	1717	1425	1608	1583	9.31	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	PB141395BL	Instrumnet Name :	P8
Client Sample ID :	PBW395	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 13:49:28	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	225	258	192	225	14.82	cps
Uranium	238-1	8	25	42	25	66.68	cps
Vanadium	51-2	7	250	47	101	129.05	cps
Ytterbium	172-1	0	25	25	17	86.60	cps
Ytterbium	172-2	0	6	17	7	114.54	cps
Ytterbium	176-1	808	533	725	689	20.47	cps
Ytterbium	176-2	3539	4078	4317	3978	10.02	cps
Yttrium	89-1	12781930	12727671	12876007	12795203	0.59	cps
Yttrium	89-2	1447640	1486031	1476791	1470154	1.36	cps
Zinc	66-2	253	503	297	351	38.05	cps
Zirconium	90-1	608	675	667	650	5.59	cps
Zirconium	91-1	108	175	200	161	29.41	cps

LB Number : LB117894 Operator : Jaswal
 Lab Sample ID : PB141395BS Instrumnet Name : P8
 Client Sample ID : LCS395 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-19 13:52:31 DataFile Name : 025LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1640	1627	1655	1641	0.84	cps
Antimony	121-1	13349	14700	13207	13752	5.99	cps
Arsenic	75-2	260	250	242	251	3.60	cps
Barium	135-1	17862	18096	18263	18074	1.11	cps
Barium	137-1	32682	31955	30961	31866	2.71	cps
Beryllium	9-1	2328	2262	2364	2318	2.23	cps
Bismuth	209-1	4150572	3986241	4102414	4079742	2.07	cps
Bismuth	209-2	2412772	2407053	2435715	2418513	0.63	cps
Boron	10-1	5282	5408	5626	5439	3.20	cps
Boron	11-1	24920	25595	26757	25757	3.61	cps
Bromine	81-1	15154	15675	15154	15328	1.96	cps
Cadmium	111-1	3799	3954	3730	3828	2.99	cps
Cadmium	106-1	2984	2950	2900	2945	1.42	cps
Cadmium	108-1	146	129	167	147	12.76	cps
Calcium	43-1	14960	14813	14484	14752	1.65	cps
Calcium	44-1	262616	265485	262982	263694	0.59	cps
Carbon	12-1	3361767	3373546	3414965	3383426	0.83	cps
Carbon	12-2	37975	37490	37206	37557	1.03	cps
Chlorine	35-1	336818	333722	329058	333199	1.17	cps
Chlorine	35-2	2092	2492	2092	2225	10.38	cps
Chromium	52-2	6358	6211	6241	6270	1.24	cps
Cobalt	59-2	5204	5131	5154	5163	0.73	cps
Copper	63-2	8202	8696	8333	8410	3.04	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	67	50	75	64	19.92	cps
Erbium	164-2	30	20	47	32	41.81	cps
Gadolinium	160-1	42	33	92	56	56.79	cps
Gadolinium	160-2	70	50	63	61	16.66	cps
Holmium	165-1	7053867	6971404	7031546	7018939	0.61	cps
Holmium	165-2	3551315	3541340	3531698	3541451	0.28	cps
Indium	115-1	6346197	6572276	6491933	6470136	1.77	cps
Indium	115-2	1080749	1068579	1069008	1072779	0.64	cps
Iron	54-2	28568	28273	28145	28328	0.77	cps
Iron	56-2	500548	494439	496328	497105	0.63	cps
Iron	57-2	12567	12867	12150	12528	2.88	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	PB141395BS	Instrumnet Name :	P8
Client Sample ID :	LCS395	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 13:52:31	DataFile Name :	025LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1070	1037	1023	1043	2.30	cps
Lead	206-1	5351	5112	5184	5216	2.35	cps
Lead	207-1	4523	4907	4595	4675	4.36	cps
Lead	208-1	21424	21607	21724	21585	0.70	cps
Lithium	6-1	2422586	2375082	2425006	2407558	1.17	cps
Magnesium	24-2	117582	113870	113911	115121	1.85	cps
Manganese	55-2	1490	1360	1330	1393	6.10	cps
Molybdenum	94-1	17979	17578	18237	17931	1.85	cps
Molybdenum	95-1	22185	20240	21651	21359	4.70	cps
Molybdenum	96-1	24380	23679	23779	23946	1.58	cps
Molybdenum	97-1	13448	13340	12998	13262	1.77	cps
Molybdenum	98-1	33349	33884	34360	33864	1.49	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	1407	1387	1343	1379	2.35	cps
Phosphorus	31-2	233	225	208	222	5.73	cps
Potassium	39-2	103688	102085	102647	102807	0.79	cps
Rhodium	103-1	6231173	6217138	6400670	6282994	1.63	cps
Rhodium	103-2	3243042	3052594	3175359	3156998	3.06	cps
Scandium	45-1	5393820	5455685	5297753	5382419	1.48	cps
Scandium	45-2	190502	190543	191873	190973	0.41	cps
Selenium	82-1	736	787	816	780	5.21	cps
Selenium	77-2	27	20	20	22	17.33	cps
Selenium	78-2	125	131	134	130	3.52	cps
Silicon	28-1	730941	735228	735353	733841	0.34	cps
Silver	107-1	8653	9087	9504	9081	4.68	cps
Silver	109-1	8261	8645	9103	8670	4.86	cps
Sodium	23-2	244002	240990	240023	241672	0.86	cps
Strontium	86-1	4651	4776	4501	4643	2.97	cps
Strontium	88-1	25299	25390	25607	25432	0.62	cps
Sulfur	34-1	358182	353720	353293	355065	0.76	cps
Terbium	159-1	7295526	7494529	7524502	7438186	1.67	cps
Terbium	159-2	3453413	3432354	3477300	3454356	0.65	cps
Thallium	203-1	5701	6202	6202	6035	4.79	cps
Thallium	205-1	14492	13674	13591	13919	3.58	cps
Tin	118-1	32832	33241	33416	33163	0.90	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	PB141395BS	Instrumnet Name :	P8
Client Sample ID :	LCS395	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 13:52:31	DataFile Name :	025LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	7344	7786	7477	7536	3.01	cps
Uranium	238-1	17212	18138	17304	17551	2.91	cps
Vanadium	51-2	11705	11158	11361	11408	2.42	cps
Ytterbium	172-1	8	0	42	17	132.30	cps
Ytterbium	172-2	6	6	6	6	0.00	cps
Ytterbium	176-1	575	675	683	644	9.35	cps
Ytterbium	176-2	4095	4056	4062	4071	0.52	cps
Yttrium	89-1	12298404	12345854	12626325	12423528	1.43	cps
Yttrium	89-2	1450001	1433172	1446872	1443348	0.62	cps
Zinc	66-2	2104	2154	2107	2121	1.32	cps
Zirconium	90-1	15109	15376	15417	15300	1.09	cps
Zirconium	91-1	3426	3576	3467	3489	2.22	cps

LB Number : LB117894 Operator : Jaswal
 Lab Sample ID : PB141396BL Instrumnet Name : P8
 Client Sample ID : PBW396 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-19 13:55:36 DataFile Name : 026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	264	222	225	237	9.76	cps
Antimony	121-1	175	100	492	256	81.35	cps
Arsenic	75-2	7	16	9	11	44.30	cps
Barium	135-1	25	67	333	142	118.09	cps
Barium	137-1	50	33	717	267	146.18	cps
Beryllium	9-1	92	90	236	139	60.09	cps
Bismuth	209-1	3959718	3853982	3774846	3862849	2.40	cps
Bismuth	209-2	2487893	2523274	2472734	2494634	1.04	cps
Boron	10-1	1170	1128	1136	1144	1.95	cps
Boron	11-1	5816	5298	5326	5480	5.32	cps
Bromine	81-1	15224	15414	15685	15441	1.50	cps
Cadmium	111-1	2004	1810	1827	1881	5.71	cps
Cadmium	106-1	2850	2542	2484	2625	7.51	cps
Cadmium	108-1	29	33	88	50	65.08	cps
Calcium	43-1	240	244	892	459	81.89	cps
Calcium	44-1	24788	24508	34559	27952	20.48	cps
Carbon	12-1	3183716	3157166	3193892	3178258	0.60	cps
Carbon	12-2	35761	35794	35736	35764	0.08	cps
Chlorine	35-1	305452	296914	294761	299042	1.89	cps
Chlorine	35-2	2217	2017	2217	2150	5.37	cps
Chromium	52-2	693	640	597	643	7.53	cps
Cobalt	59-2	83	107	140	110	25.89	cps
Copper	63-2	807	820	817	814	0.85	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	67	25	33	42	52.92	cps
Erbium	164-2	10	17	33	20	60.08	cps
Gadolinium	160-1	33	42	25	33	25.01	cps
Gadolinium	160-2	47	47	43	46	4.23	cps
Holmium	165-1	6871234	6699653	6755617	6775501	1.29	cps
Holmium	165-2	3648235	3691329	3655568	3665044	0.63	cps
Indium	115-1	6380394	6264249	6299029	6314557	0.94	cps
Indium	115-2	1103142	1098812	1092191	1098048	0.50	cps
Iron	54-2	706	711	644	687	5.38	cps
Iron	56-2	7786	7686	6930	7467	6.27	cps
Iron	57-2	250	356	400	335	22.99	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	PB141396BL	Instrumnet Name :	P8
Client Sample ID :	PBW396	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 13:55:36	DataFile Name :	026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1087	1213	1140	1147	5.55	cps
Lead	206-1	639	656	1534	943	54.29	cps
Lead	207-1	656	594	1261	837	44.03	cps
Lead	208-1	2689	2645	6229	3854	53.36	cps
Lithium	6-1	2352974	2244434	2356198	2317869	2.74	cps
Magnesium	24-2	1792	1375	1425	1531	14.87	cps
Manganese	55-2	143	210	220	191	21.81	cps
Molybdenum	94-1	192	283	1575	683	113.21	cps
Molybdenum	95-1	42	108	1700	617	152.24	cps
Molybdenum	96-1	225	258	2201	895	126.43	cps
Molybdenum	97-1	8	42	1267	439	163.38	cps
Molybdenum	98-1	200	142	3243	1195	148.46	cps
Neodymium	150-1	13	20	13	16	24.76	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	117	67	73	86	31.73	cps
Phosphorus	31-2	167	242	133	181	30.73	cps
Potassium	39-2	18663	17978	18729	18457	2.25	cps
Rhodium	103-1	6143797	6046871	6127606	6106091	0.85	cps
Rhodium	103-2	3286764	3362341	3182010	3277038	2.76	cps
Scandium	45-1	5120550	4943432	5074460	5046148	1.82	cps
Scandium	45-2	193246	194858	187740	191948	1.94	cps
Selenium	82-1	-67	-71	-28	-55	-42.41	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	49	56	64	56	13.32	cps
Silicon	28-1	651780	677736	659447	662988	2.01	cps
Silver	107-1	167	208	225	200	15.02	cps
Silver	109-1	183	108	208	167	31.22	cps
Sodium	23-2	19530	18187	19372	19030	3.86	cps
Strontium	86-1	1959	1633	3026	2206	33.02	cps
Strontium	88-1	333	333	9109	3259	155.49	cps
Sulfur	34-1	360765	358163	358279	359069	0.41	cps
Terbium	159-1	7193657	7137211	7118208	7149692	0.55	cps
Terbium	159-2	3766029	3764514	3569766	3700103	3.05	cps
Thallium	203-1	367	383	600	450	28.93	cps
Thallium	205-1	600	692	1175	822	37.58	cps
Tin	118-1	1558	1792	2109	1820	15.17	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	PB141396BL	Instrumnet Name :	P8
Client Sample ID :	PBW396	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 13:55:36	DataFile Name :	026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	233	175	1067	492	101.46	cps
Uranium	238-1	33	50	817	300	149.18	cps
Vanadium	51-2	33	30	37	33	10.01	cps
Ytterbium	172-1	8	33	50	31	68.64	cps
Ytterbium	172-2	6	0	17	7	114.54	cps
Ytterbium	176-1	683	717	708	703	2.47	cps
Ytterbium	176-2	3906	3617	4051	3858	5.72	cps
Yttrium	89-1	12271168	11981355	12059594	12104039	1.24	cps
Yttrium	89-2	1495600	1487460	1446117	1476392	1.80	cps
Zinc	66-2	210	183	207	200	7.26	cps
Zirconium	90-1	750	650	1075	825	26.94	cps
Zirconium	91-1	117	142	233	164	37.48	cps

LB Number : LB117894 Operator : Jaswal
 Lab Sample ID : PB141396BS Instrumnet Name : P8
 Client Sample ID : LCS396 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-19 13:58:38 DataFile Name : 027LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1669	1634	1590	1631	2.42	cps
Antimony	121-1	13957	13615	13816	13796	1.25	cps
Arsenic	75-2	285	248	238	257	9.63	cps
Barium	135-1	18071	18096	17921	18029	0.53	cps
Barium	137-1	30134	31947	31329	31136	2.96	cps
Beryllium	9-1	2156	2304	2278	2246	3.52	cps
Bismuth	209-1	4126512	4122545	4130050	4126369	0.09	cps
Bismuth	209-2	2421212	2436886	2391504	2416534	0.95	cps
Boron	10-1	5130	5656	5630	5472	5.42	cps
Boron	11-1	24425	25659	27971	26019	6.92	cps
Bromine	81-1	15535	15725	15725	15662	0.70	cps
Cadmium	111-1	3763	3932	3814	3836	2.25	cps
Cadmium	106-1	2950	3042	2767	2920	4.80	cps
Cadmium	108-1	146	146	188	160	15.06	cps
Calcium	43-1	14389	14838	14681	14636	1.56	cps
Calcium	44-1	257113	260266	261577	259652	0.88	cps
Carbon	12-1	3468294	3488272	3615996	3524187	2.27	cps
Carbon	12-2	38960	39420	38392	38924	1.32	cps
Chlorine	35-1	277500	273738	274300	275179	0.74	cps
Chlorine	35-2	1842	1725	1925	1831	5.49	cps
Chromium	52-2	6241	6311	6115	6223	1.60	cps
Cobalt	59-2	4951	4858	5158	4989	3.08	cps
Copper	63-2	8209	8209	8036	8151	1.23	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	33	83	42	53	50.76	cps
Erbium	164-2	33	17	20	23	37.78	cps
Gadolinium	160-1	42	58	67	56	22.91	cps
Gadolinium	160-2	40	87	57	61	38.70	cps
Holmium	165-1	7009588	6700142	7034042	6914591	2.69	cps
Holmium	165-2	3701913	3555822	3609186	3622307	2.04	cps
Indium	115-1	6503186	6390182	6506273	6466547	1.02	cps
Indium	115-2	1083409	1098989	1076757	1086385	1.05	cps
Iron	54-2	28161	28707	27504	28124	2.14	cps
Iron	56-2	509433	494484	494483	499467	1.73	cps
Iron	57-2	12089	12450	12545	12361	1.95	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	PB141396BS	Instrumnet Name :	P8
Client Sample ID :	LCS396	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 13:58:38	DataFile Name :	027LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1063	1083	1227	1125	7.92	cps
Lead	206-1	5368	4995	5257	5207	3.67	cps
Lead	207-1	4701	4784	4562	4682	2.40	cps
Lead	208-1	21324	21196	21519	21346	0.76	cps
Lithium	6-1	2426665	2407353	2473073	2435697	1.39	cps
Magnesium	24-2	118034	114239	116397	116223	1.64	cps
Manganese	55-2	1460	1377	1423	1420	2.94	cps
Molybdenum	94-1	17395	17804	17178	17459	1.82	cps
Molybdenum	95-1	21259	21158	21117	21178	0.34	cps
Molybdenum	96-1	23487	23988	24013	23829	1.24	cps
Molybdenum	97-1	13273	12506	12523	12767	3.43	cps
Molybdenum	98-1	33450	33833	34828	34037	2.09	cps
Neodymium	150-1	7	27	7	13	86.58	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	1483	1480	1337	1433	5.84	cps
Phosphorus	31-2	225	208	242	225	7.41	cps
Potassium	39-2	103486	100809	100877	101724	1.50	cps
Rhodium	103-1	6239440	6061591	6456451	6252494	3.16	cps
Rhodium	103-2	3291263	3224472	3164542	3226759	1.96	cps
Scandium	45-1	5464372	5223284	5392122	5359926	2.31	cps
Scandium	45-2	193283	193926	190775	192661	0.86	cps
Selenium	82-1	725	689	609	674	8.80	cps
Selenium	77-2	30	20	43	31	37.62	cps
Selenium	78-2	124	119	128	124	3.65	cps
Silicon	28-1	723237	732604	733802	729881	0.79	cps
Silver	107-1	8786	9237	9412	9145	3.53	cps
Silver	109-1	8361	8269	8511	8381	1.46	cps
Sodium	23-2	238736	233137	241439	237771	1.78	cps
Strontium	86-1	4801	4526	4668	4665	2.95	cps
Strontium	88-1	24322	24556	23954	24277	1.25	cps
Sulfur	34-1	363052	357880	357312	359414	0.88	cps
Terbium	159-1	7456796	7360966	7369071	7395611	0.72	cps
Terbium	159-2	3545422	3597759	3475439	3539540	1.73	cps
Thallium	203-1	6052	5768	5952	5924	2.43	cps
Thallium	205-1	14167	14158	14567	14297	1.63	cps
Tin	118-1	32589	32656	34519	33255	3.29	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	PB141396BS	Instrumnet Name :	P8
Client Sample ID :	LCS396	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 13:58:38	DataFile Name :	027LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	7502	7694	7410	7536	1.92	cps
Uranium	238-1	17479	18698	17646	17941	3.68	cps
Vanadium	51-2	11094	11471	11328	11298	1.68	cps
Ytterbium	172-1	25	25	25	25	0.00	cps
Ytterbium	172-2	6	17	11	11	49.99	cps
Ytterbium	176-1	850	625	633	703	18.15	cps
Ytterbium	176-2	4128	4028	3873	4010	3.21	cps
Yttrium	89-1	12576425	12817817	12476196	12623480	1.39	cps
Yttrium	89-2	1491097	1490274	1459624	1480332	1.21	cps
Zinc	66-2	2410	2164	2310	2295	5.41	cps
Zirconium	90-1	15884	15484	15776	15715	1.32	cps
Zirconium	91-1	3317	3684	3459	3487	5.30	cps

LB Number : LB117894 Operator : Jaswal
 Lab Sample ID : M5047-01 Instrumnet Name : P8
 Client Sample ID : MH1E32 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-19 14:01:44 DataFile Name : 028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	821	876	829	842	3.54	cps
Antimony	121-1	14541	15025	15084	14883	2.00	cps
Arsenic	75-2	305	316	334	318	4.60	cps
Barium	135-1	57556	59549	57950	58352	1.81	cps
Barium	137-1	99525	97938	101458	99640	1.77	cps
Beryllium	9-1	76	86	108	90	18.19	cps
Bismuth	209-1	3954109	4095417	4147855	4065794	2.46	cps
Bismuth	209-2	2412319	2441472	2492366	2448719	1.65	cps
Boron	10-1	4542	4840	5040	4807	5.21	cps
Boron	11-1	22098	22315	23096	22503	2.33	cps
Bromine	81-1	20286	21710	21449	21148	3.58	cps
Cadmium	111-1	2380	2097	2320	2266	6.60	cps
Cadmium	106-1	3217	2834	3142	3064	6.63	cps
Cadmium	108-1	67	71	42	60	26.41	cps
Calcium	43-1	2559756	2594365	2620273	2591465	1.17	cps
Calcium	44-1	41991242	41531831	41250942	41591339	0.90	cps
Carbon	12-1	4992479	5573860	5943904	5503414	8.71	cps
Carbon	12-2	71266	71918	74472	72552	2.34	cps
Chlorine	35-1	1680590	1911950	2101725	1898088	11.11	cps
Chlorine	35-2	19096	20089	21650	20279	6.35	cps
Chromium	52-2	873	820	867	853	3.41	cps
Cobalt	59-2	377	340	287	334	13.53	cps
Copper	63-2	2060	1943	2034	2012	3.04	cps
Dysprosium	156-1	17	17	17	17	0.00	cps
Dysprosium	156-2	7	23	13	14	58.06	cps
Erbium	164-1	67	75	75	72	6.66	cps
Erbium	164-2	20	23	27	23	14.29	cps
Gadolinium	160-1	50	58	33	47	26.96	cps
Gadolinium	160-2	60	70	97	76	25.09	cps
Holmium	165-1	7018921	7221595	7225701	7155406	1.65	cps
Holmium	165-2	3715915	3719850	3717984	3717916	0.05	cps
Indium	115-1	6517729	6426809	6708913	6551151	2.20	cps
Indium	115-2	1096428	1080865	1085647	1087647	0.73	cps
Iron	54-2	7074	7875	7435	7461	5.37	cps
Iron	56-2	132602	136556	130037	133065	2.47	cps
Iron	57-2	6591	6507	6807	6635	2.33	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-01	Instrumnet Name :	P8
Client Sample ID :	MH1E32	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:01:44	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1020	1120	1047	1062	4.88	cps
Lead	206-1	6102	6318	6368	6263	2.26	cps
Lead	207-1	5651	5451	5579	5561	1.82	cps
Lead	208-1	25171	25460	25811	25481	1.26	cps
Lithium	6-1	2435617	2432268	2527567	2465151	2.19	cps
Magnesium	24-2	4864004	4900867	4828810	4864560	0.74	cps
Manganese	55-2	67539	67388	66293	67074	1.01	cps
Molybdenum	94-1	1600	1342	1975	1639	19.43	cps
Molybdenum	95-1	2259	2192	2225	2225	1.50	cps
Molybdenum	96-1	2292	2534	2634	2486	7.07	cps
Molybdenum	97-1	1308	1225	1342	1292	4.65	cps
Molybdenum	98-1	3942	3501	3576	3673	6.44	cps
Neodymium	150-1	27	40	47	38	26.95	cps
Neodymium	150-2	0	17	13	10	88.20	cps
Nickel	60-2	490	480	427	466	7.31	cps
Phosphorus	31-2	183	192	258	211	19.47	cps
Potassium	39-2	170999	170418	172582	171333	0.65	cps
Rhodium	103-1	6110747	6370427	6155196	6212123	2.24	cps
Rhodium	103-2	3219588	3150452	3201736	3190592	1.12	cps
Scandium	45-1	5544202	5592032	5600158	5578797	0.54	cps
Scandium	45-2	195564	193072	196176	194937	0.84	cps
Selenium	82-1	151	32	167	117	62.94	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	48	72	47	56	25.43	cps
Silicon	28-1	21606114	22409828	22573548	22196497	2.33	cps
Silver	107-1	483	542	417	481	13.01	cps
Silver	109-1	475	475	367	439	14.25	cps
Sodium	23-2	24005918	23794430	23878581	23892976	0.45	cps
Strontium	86-1	1280676	1305379	1330361	1305472	1.90	cps
Strontium	88-1	10828969	10746943	11235960	10937291	2.39	cps
Sulfur	34-1	1779310	1882971	1852974	1838418	2.90	cps
Terbium	159-1	7391229	7531900	7561311	7494813	1.21	cps
Terbium	159-2	3660315	3590697	3665899	3638970	1.15	cps
Thallium	203-1	342	300	292	311	8.61	cps
Thallium	205-1	558	625	525	569	8.94	cps
Tin	118-1	1742	1950	2042	1911	8.04	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-01	Instrumnet Name :	P8
Client Sample ID :	MH1E32	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:01:44	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	875	975	683	844	17.55	cps
Uranium	238-1	16403	16386	17354	16714	3.32	cps
Vanadium	51-2	260	253	260	258	1.49	cps
Ytterbium	172-1	33	25	42	33	25.01	cps
Ytterbium	172-2	11	17	22	17	33.33	cps
Ytterbium	176-1	733	792	692	739	6.80	cps
Ytterbium	176-2	3845	3956	4334	4045	6.34	cps
Yttrium	89-1	12818607	12538169	12754726	12703834	1.16	cps
Yttrium	89-2	1536164	1537036	1475532	1516244	2.33	cps
Zinc	66-2	11662	11455	11601	11573	0.92	cps
Zirconium	90-1	908	1075	867	950	11.60	cps
Zirconium	91-1	142	200	158	167	18.03	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-02	Instrumnet Name :	P8
Client Sample ID :	MH1E36	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:04:39	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2756	2715	2765	2745	0.97	cps
Antimony	121-1	22202	21968	23245	22472	3.03	cps
Arsenic	75-2	737	704	720	720	2.29	cps
Barium	135-1	54536	55992	56669	55732	1.96	cps
Barium	137-1	95177	94757	94606	94847	0.31	cps
Beryllium	9-1	110	90	102	101	10.00	cps
Bismuth	209-1	4107417	4165269	4094615	4122434	0.91	cps
Bismuth	209-2	2443227	2465366	2512501	2473698	1.43	cps
Boron	10-1	4920	4930	5322	5057	4.53	cps
Boron	11-1	23847	24698	25681	24742	3.71	cps
Bromine	81-1	20215	21689	22802	21569	6.02	cps
Cadmium	111-1	3085	2786	2864	2912	5.34	cps
Cadmium	106-1	3167	2834	2867	2956	6.21	cps
Cadmium	108-1	117	146	92	118	22.96	cps
Calcium	43-1	2008578	2020659	2020422	2016553	0.34	cps
Calcium	44-1	32050028	32738770	32964265	32584354	1.46	cps
Carbon	12-1	5750976	6108990	6181970	6013979	3.84	cps
Carbon	12-2	74640	76333	78267	76413	2.37	cps
Chlorine	35-1	2374619	2567844	2694908	2545790	6.34	cps
Chlorine	35-2	21892	22919	23086	22632	2.86	cps
Chromium	52-2	923	970	973	956	2.93	cps
Cobalt	59-2	853	933	957	914	5.93	cps
Copper	63-2	5071	5001	5234	5102	2.35	cps
Dysprosium	156-1	117	75	75	89	27.07	cps
Dysprosium	156-2	47	33	40	40	16.68	cps
Erbium	164-1	108	108	67	94	25.47	cps
Erbium	164-2	43	30	37	37	18.18	cps
Gadolinium	160-1	92	100	92	94	5.09	cps
Gadolinium	160-2	50	67	67	61	15.75	cps
Holmium	165-1	7223512	7397336	7105471	7242107	2.03	cps
Holmium	165-2	3606360	3562028	3790873	3653087	3.32	cps
Indium	115-1	6784396	6720084	6658827	6721102	0.93	cps
Indium	115-2	1064926	1066820	1106569	1079438	2.18	cps
Iron	54-2	21973	21667	20949	21529	2.44	cps
Iron	56-2	389904	397820	392936	393553	1.01	cps
Iron	57-2	12128	12317	12027	12157	1.21	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-02	Instrumnet Name :	P8
Client Sample ID :	MH1E36	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:04:39	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1023	1180	1183	1129	8.10	cps
Lead	206-1	69921	73457	71430	71603	2.48	cps
Lead	207-1	63651	63410	62701	63254	0.78	cps
Lead	208-1	289164	292474	286741	289460	0.99	cps
Lithium	6-1	2591368	2594905	2569781	2585351	0.53	cps
Magnesium	24-2	3399439	3326152	3307953	3344515	1.45	cps
Manganese	55-2	193732	195710	194718	194720	0.51	cps
Molybdenum	94-1	2175	2109	2142	2142	1.56	cps
Molybdenum	95-1	3075	2875	3159	3037	4.80	cps
Molybdenum	96-1	3442	3284	3517	3414	3.49	cps
Molybdenum	97-1	1792	1942	1767	1834	5.16	cps
Molybdenum	98-1	4684	5001	4751	4812	3.47	cps
Neodymium	150-1	227	167	167	187	18.56	cps
Neodymium	150-2	50	43	93	62	43.64	cps
Nickel	60-2	917	850	847	871	4.53	cps
Phosphorus	31-2	150	183	125	153	19.16	cps
Potassium	39-2	222784	220778	231033	224865	2.42	cps
Rhodium	103-1	6227938	6680342	6296607	6401629	3.81	cps
Rhodium	103-2	3195732	3236619	3301204	3244518	1.64	cps
Scandium	45-1	5545732	5684002	5820111	5683281	2.41	cps
Scandium	45-2	189476	193889	195138	192834	1.54	cps
Selenium	82-1	142	-41	-45	19	569.02	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	61	74	72	69	10.14	cps
Silicon	28-1	22379760	22356932	22027903	22254865	0.88	cps
Silver	107-1	708	667	558	644	12.02	cps
Silver	109-1	508	667	517	564	15.80	cps
Sodium	23-2	23955219	23893440	24375414	24074691	1.09	cps
Strontium	86-1	873875	913631	886600	891369	2.28	cps
Strontium	88-1	7350594	7608948	7469286	7476276	1.73	cps
Sulfur	34-1	1609521	1606985	1587438	1601315	0.75	cps
Terbium	159-1	7488002	7973916	7784105	7748674	3.16	cps
Terbium	159-2	3532885	3605569	3703564	3614006	2.37	cps
Thallium	203-1	367	450	483	433	13.87	cps
Thallium	205-1	867	1150	1050	1022	14.06	cps
Tin	118-1	1734	2034	2025	1931	8.85	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-02	Instrumnet Name :	P8
Client Sample ID :	MH1E36	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:04:39	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1683	1600	1550	1611	4.18	cps
Uranium	238-1	16044	15593	16837	16158	3.90	cps
Vanadium	51-2	617	687	663	656	5.44	cps
Ytterbium	172-1	25	17	33	25	33.32	cps
Ytterbium	172-2	22	33	22	26	24.74	cps
Ytterbium	176-1	817	733	725	758	6.68	cps
Ytterbium	176-2	3678	3845	4262	3928	7.65	cps
Yttrium	89-1	12879165	13157728	13098009	13044967	1.12	cps
Yttrium	89-2	1465014	1468574	1505358	1479649	1.51	cps
Zinc	66-2	71781	71342	72502	71875	0.81	cps
Zirconium	90-1	1233	1158	1208	1200	3.18	cps
Zirconium	91-1	258	233	208	233	10.71	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-03	Instrumnet Name :	P8
Client Sample ID :	MH1E38	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:07:37	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3414	3420	3355	3396	1.06	cps
Antimony	121-1	22903	23237	22903	23014	0.84	cps
Arsenic	75-2	788	739	726	751	4.35	cps
Barium	135-1	53607	55457	57380	55481	3.40	cps
Barium	137-1	94598	95194	95127	94973	0.34	cps
Beryllium	9-1	74	104	92	90	16.77	cps
Bismuth	209-1	4056249	4104231	4174709	4111730	1.45	cps
Bismuth	209-2	2253918	2307001	2400906	2320609	3.21	cps
Boron	10-1	4736	4944	5238	4973	5.07	cps
Boron	11-1	23584	24478	25231	24431	3.37	cps
Bromine	81-1	20536	22822	22681	22013	5.82	cps
Cadmium	111-1	3090	3348	3280	3239	4.12	cps
Cadmium	106-1	2875	3351	3142	3123	7.63	cps
Cadmium	108-1	104	146	129	126	16.59	cps
Calcium	43-1	2000673	2012796	2028802	2014090	0.70	cps
Calcium	44-1	32894304	31804930	32930053	32543096	1.97	cps
Carbon	12-1	5796389	6189495	6356906	6114263	4.71	cps
Carbon	12-2	76165	76751	77815	76910	1.09	cps
Chlorine	35-1	2646332	2875063	3028114	2849837	6.74	cps
Chlorine	35-2	24171	25573	26141	25295	4.01	cps
Chromium	52-2	1130	1217	1067	1138	6.62	cps
Cobalt	59-2	960	943	980	961	1.91	cps
Copper	63-2	5975	6315	6118	6136	2.78	cps
Dysprosium	156-1	50	108	83	81	36.33	cps
Dysprosium	156-2	27	40	30	32	21.53	cps
Erbium	164-1	108	75	67	83	26.46	cps
Erbium	164-2	73	47	33	51	39.85	cps
Gadolinium	160-1	92	100	50	81	33.25	cps
Gadolinium	160-2	70	80	93	81	14.43	cps
Holmium	165-1	7229916	7330448	7388763	7316375	1.10	cps
Holmium	165-2	3336157	3574847	3531070	3480691	3.65	cps
Indium	115-1	6561309	6770449	6596965	6642908	1.68	cps
Indium	115-2	978788	1051065	1061344	1030399	4.37	cps
Iron	54-2	24983	24594	24878	24818	0.81	cps
Iron	56-2	441552	438264	443784	441200	0.63	cps
Iron	57-2	13429	13534	13896	13620	1.80	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-03	Instrumnet Name :	P8
Client Sample ID :	MH1E38	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:07:37	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1163	1077	1260	1167	7.86	cps
Lead	206-1	95707	92176	94146	94009	1.88	cps
Lead	207-1	83474	82333	84692	83500	1.41	cps
Lead	208-1	381549	382237	385600	383129	0.57	cps
Lithium	6-1	2401687	2575227	2587403	2521439	4.12	cps
Magnesium	24-2	3331022	3365325	3347866	3348071	0.51	cps
Manganese	55-2	203005	205220	203176	203801	0.60	cps
Molybdenum	94-1	2275	2175	1909	2120	8.94	cps
Molybdenum	95-1	2742	3100	3259	3034	8.73	cps
Molybdenum	96-1	3409	3275	3400	3362	2.22	cps
Molybdenum	97-1	1842	1884	1767	1831	3.23	cps
Molybdenum	98-1	4726	4634	4801	4720	1.77	cps
Neodymium	150-1	140	153	80	124	31.39	cps
Neodymium	150-2	37	30	37	34	11.18	cps
Nickel	60-2	940	960	893	931	3.67	cps
Phosphorus	31-2	208	192	208	203	4.75	cps
Potassium	39-2	223657	226766	226821	225748	0.80	cps
Rhodium	103-1	6230471	6342733	6376931	6316712	1.21	cps
Rhodium	103-2	2980623	3063446	3125949	3056672	2.38	cps
Scandium	45-1	5511262	5420163	5642094	5524507	2.02	cps
Scandium	45-2	174426	185878	188159	182821	4.03	cps
Selenium	82-1	31	180	-26	62	172.24	cps
Selenium	77-2	7	7	10	8	24.71	cps
Selenium	78-2	65	61	77	68	12.30	cps
Silicon	28-1	21991883	22861226	22039816	22297641	2.19	cps
Silver	107-1	867	800	858	842	4.32	cps
Silver	109-1	800	758	783	781	2.69	cps
Sodium	23-2	23945959	23504580	24064773	23838437	1.24	cps
Strontium	86-1	876479	894118	883045	884547	1.01	cps
Strontium	88-1	7265774	7352993	7554747	7391171	2.01	cps
Sulfur	34-1	1570662	1608635	1593458	1590918	1.20	cps
Terbium	159-1	7617957	7584883	7701584	7634808	0.79	cps
Terbium	159-2	3383046	3431697	3526389	3447044	2.11	cps
Thallium	203-1	383	458	350	397	13.97	cps
Thallium	205-1	992	925	800	906	10.75	cps
Tin	118-1	1817	1784	1808	1803	0.96	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-03	Instrumnet Name :	P8
Client Sample ID :	MH1E38	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:07:37	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2175	2309	2092	2192	4.99	cps
Uranium	238-1	15819	15869	15668	15785	0.66	cps
Vanadium	51-2	647	700	687	678	4.09	cps
Ytterbium	172-1	17	17	42	25	57.73	cps
Ytterbium	172-2	11	33	17	20	56.76	cps
Ytterbium	176-1	767	758	817	781	4.04	cps
Ytterbium	176-2	3501	3684	3717	3634	3.21	cps
Yttrium	89-1	12896664	12936861	13334566	13056031	1.85	cps
Yttrium	89-2	1394024	1409780	1442898	1415567	1.76	cps
Zinc	66-2	72639	73416	74234	73429	1.09	cps
Zirconium	90-1	1192	1192	1367	1250	8.08	cps
Zirconium	91-1	275	300	333	303	9.67	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-04	Instrumnet Name :	P8
Client Sample ID :	MH1E40	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:10:32	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2936	2914	2814	2888	2.26	cps
Antimony	121-1	22169	22636	21960	22255	1.56	cps
Arsenic	75-2	678	689	676	681	1.03	cps
Barium	135-1	54586	52704	55306	54199	2.48	cps
Barium	137-1	96370	92567	92911	93949	2.24	cps
Beryllium	9-1	92	94	84	90	5.88	cps
Bismuth	209-1	4042412	4089612	4107378	4079801	0.82	cps
Bismuth	209-2	2447778	2424639	2465855	2446091	0.84	cps
Boron	10-1	4752	5288	5006	5015	5.35	cps
Boron	11-1	23304	23821	25034	24053	3.69	cps
Bromine	81-1	21509	21609	21629	21582	0.30	cps
Cadmium	111-1	2887	2894	3003	2928	2.21	cps
Cadmium	106-1	3009	3025	3084	3039	1.30	cps
Cadmium	108-1	146	171	133	150	12.73	cps
Calcium	43-1	2019556	1957125	2019332	1998671	1.80	cps
Calcium	44-1	32189345	33174742	31304003	32222697	2.90	cps
Carbon	12-1	5733552	6055304	6230809	6006555	4.20	cps
Carbon	12-2	75856	77455	77714	77008	1.31	cps
Chlorine	35-1	2969893	3197854	3417156	3194968	7.00	cps
Chlorine	35-2	27543	28044	28637	28075	1.95	cps
Chromium	52-2	1223	1047	1190	1153	8.14	cps
Cobalt	59-2	933	950	873	919	4.39	cps
Copper	63-2	5101	4944	5011	5019	1.57	cps
Dysprosium	156-1	33	100	67	67	50.00	cps
Dysprosium	156-2	27	17	13	19	36.75	cps
Erbium	164-1	50	83	150	94	53.91	cps
Erbium	164-2	57	43	43	48	16.12	cps
Gadolinium	160-1	108	142	83	111	26.34	cps
Gadolinium	160-2	67	97	103	89	21.97	cps
Holmium	165-1	7265259	7229861	7289750	7261623	0.41	cps
Holmium	165-2	3643026	3681410	3745285	3689907	1.40	cps
Indium	115-1	6755849	6707728	6591328	6684969	1.27	cps
Indium	115-2	1086895	1078481	1090989	1085455	0.59	cps
Iron	54-2	21505	21444	21884	21611	1.10	cps
Iron	56-2	376546	381410	378198	378718	0.65	cps
Iron	57-2	11677	11805	12322	11935	2.86	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-04	Instrumnet Name :	P8
Client Sample ID :	MH1E40	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:10:32	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1210	1110	1040	1120	7.63	cps
Lead	206-1	72396	73240	72497	72711	0.63	cps
Lead	207-1	64930	63975	63511	64139	1.13	cps
Lead	208-1	291400	292734	289949	291361	0.48	cps
Lithium	6-1	2663953	2562623	2577168	2601248	2.11	cps
Magnesium	24-2	3391971	3377362	3431018	3400117	0.82	cps
Manganese	55-2	193611	193606	193513	193577	0.03	cps
Molybdenum	94-1	2509	2542	2159	2403	8.84	cps
Molybdenum	95-1	3117	3184	2942	3081	4.05	cps
Molybdenum	96-1	3792	3659	3292	3581	7.23	cps
Molybdenum	97-1	2100	1984	2175	2086	4.63	cps
Molybdenum	98-1	4934	4901	4901	4912	0.39	cps
Neodymium	150-1	80	87	93	87	7.70	cps
Neodymium	150-2	27	27	27	27	0.00	cps
Nickel	60-2	943	947	873	921	4.50	cps
Phosphorus	31-2	150	192	242	194	23.60	cps
Potassium	39-2	222128	221500	225625	223084	1.00	cps
Rhodium	103-1	6247074	6450991	6446267	6381444	1.82	cps
Rhodium	103-2	3188626	3235848	3250743	3225073	1.01	cps
Scandium	45-1	5651946	5537072	5435026	5541348	1.96	cps
Scandium	45-2	197772	196474	195100	196449	0.68	cps
Selenium	82-1	-14	125	179	97	102.88	cps
Selenium	77-2	3	3	13	7	86.65	cps
Selenium	78-2	71	50	56	59	18.33	cps
Silicon	28-1	22183594	22544858	22075446	22267966	1.10	cps
Silver	107-1	742	700	592	678	11.43	cps
Silver	109-1	717	617	692	675	7.71	cps
Sodium	23-2	24113333	24018495	24069860	24067230	0.20	cps
Strontium	86-1	898614	885712	882737	889021	0.95	cps
Strontium	88-1	7506231	7587370	7463763	7519121	0.84	cps
Sulfur	34-1	1617538	1597899	1657130	1624189	1.86	cps
Terbium	159-1	7530196	7846535	7678900	7685210	2.06	cps
Terbium	159-2	3638161	3759131	3713838	3703710	1.65	cps
Thallium	203-1	325	408	375	369	11.35	cps
Thallium	205-1	975	1092	908	992	9.36	cps
Tin	118-1	1967	1934	1725	1875	6.99	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-04	Instrumnet Name :	P8
Client Sample ID :	MH1E40	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:10:32	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1600	1792	1842	1745	7.31	cps
Uranium	238-1	15443	16035	15109	15529	3.02	cps
Vanadium	51-2	677	587	667	643	7.67	cps
Ytterbium	172-1	33	58	67	53	32.88	cps
Ytterbium	172-2	44	11	39	31	56.73	cps
Ytterbium	176-1	750	742	717	736	2.36	cps
Ytterbium	176-2	4017	3923	4034	3991	1.50	cps
Yttrium	89-1	13063980	13133617	13236641	13144746	0.66	cps
Yttrium	89-2	1479462	1521362	1508860	1503228	1.43	cps
Zinc	66-2	71339	69493	70371	70401	1.31	cps
Zirconium	90-1	1425	1292	1225	1314	7.75	cps
Zirconium	91-1	317	225	325	289	19.21	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-05	Instrumnet Name :	P8
Client Sample ID :	MH1E42	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:13:30	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3410	3391	3419	3407	0.41	cps
Antimony	121-1	25750	25491	26476	25906	1.97	cps
Arsenic	75-2	864	784	840	829	4.95	cps
Barium	135-1	55540	56745	56586	56290	1.16	cps
Barium	137-1	98071	98108	96856	97678	0.73	cps
Beryllium	9-1	106	92	98	99	7.12	cps
Bismuth	209-1	4086973	4345725	4223278	4218659	3.07	cps
Bismuth	209-2	2454825	2412628	2511132	2459528	2.01	cps
Boron	10-1	4898	5224	5260	5127	3.89	cps
Boron	11-1	24247	25479	25591	25106	2.97	cps
Bromine	81-1	21288	21829	24657	22591	8.01	cps
Cadmium	111-1	3090	3128	3112	3110	0.61	cps
Cadmium	106-1	3109	3217	3059	3128	2.59	cps
Cadmium	108-1	129	142	138	136	4.68	cps
Calcium	43-1	2043788	1947684	2057727	2016399	2.97	cps
Calcium	44-1	32470642	32360912	32401104	32410886	0.17	cps
Carbon	12-1	5937226	6381545	6635188	6317986	5.59	cps
Carbon	12-2	77396	79532	82407	79778	3.15	cps
Chlorine	35-1	3284461	3452405	3639846	3458904	5.14	cps
Chlorine	35-2	29689	30549	30399	30213	1.52	cps
Chromium	52-2	907	1003	1027	979	6.50	cps
Cobalt	59-2	760	883	893	846	8.78	cps
Copper	63-2	6281	6415	6215	6304	1.62	cps
Dysprosium	156-1	67	50	75	64	19.92	cps
Dysprosium	156-2	30	37	43	37	18.18	cps
Erbium	164-1	92	133	133	119	20.14	cps
Erbium	164-2	60	50	40	50	20.00	cps
Gadolinium	160-1	83	75	133	97	32.45	cps
Gadolinium	160-2	60	60	113	78	39.59	cps
Holmium	165-1	7382757	7315199	7443822	7380593	0.87	cps
Holmium	165-2	3633864	3662606	3832803	3709758	2.90	cps
Indium	115-1	6546627	6942619	6679895	6723047	3.00	cps
Indium	115-2	1078770	1081913	1089017	1083233	0.48	cps
Iron	54-2	26341	25991	25979	26104	0.79	cps
Iron	56-2	469801	462592	462768	465053	0.88	cps
Iron	57-2	13785	14274	14446	14168	2.42	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-05	Instrumnet Name :	P8
Client Sample ID :	MH1E42	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:13:30	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1153	1203	1147	1168	2.65	cps
Lead	206-1	98293	99255	98640	98729	0.49	cps
Lead	207-1	85246	84743	86130	85373	0.82	cps
Lead	208-1	399715	395642	399457	398271	0.57	cps
Lithium	6-1	2553609	2607957	2677402	2612989	2.37	cps
Magnesium	24-2	3472764	3445214	3506879	3474952	0.89	cps
Manganese	55-2	184124	181757	181060	182314	0.88	cps
Molybdenum	94-1	2225	2034	2242	2167	5.34	cps
Molybdenum	95-1	2875	3426	2859	3053	10.56	cps
Molybdenum	96-1	3367	3376	3267	3337	1.81	cps
Molybdenum	97-1	1817	1875	1875	1856	1.82	cps
Molybdenum	98-1	4584	5151	5026	4920	6.05	cps
Neodymium	150-1	140	153	113	136	15.02	cps
Neodymium	150-2	33	17	40	30	40.05	cps
Nickel	60-2	947	817	873	879	7.42	cps
Phosphorus	31-2	208	242	133	194	28.53	cps
Potassium	39-2	230067	228179	230387	229544	0.52	cps
Rhodium	103-1	6187203	6680855	6499599	6455886	3.87	cps
Rhodium	103-2	3271064	3214600	3116619	3200761	2.44	cps
Scandium	45-1	5581871	5632312	5650234	5621472	0.63	cps
Scandium	45-2	194591	194513	195447	194850	0.27	cps
Selenium	82-1	108	-12	95	64	103.52	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	72	46	60	59	21.94	cps
Silicon	28-1	22378302	22629680	23036030	22681337	1.46	cps
Silver	107-1	733	617	725	692	9.41	cps
Silver	109-1	758	675	742	725	6.08	cps
Sodium	23-2	24548161	24774735	24614351	24645749	0.47	cps
Strontium	86-1	892321	918021	898560	902967	1.48	cps
Strontium	88-1	7553218	7467560	7424238	7481672	0.88	cps
Sulfur	34-1	1658831	1595322	1673163	1642439	2.52	cps
Terbium	159-1	7344683	8286011	7957016	7862570	6.08	cps
Terbium	159-2	3730900	3635041	3671757	3679233	1.31	cps
Thallium	203-1	433	408	467	436	6.71	cps
Thallium	205-1	967	950	917	945	2.69	cps
Tin	118-1	1775	1750	1842	1789	2.65	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-05	Instrumnet Name :	P8
Client Sample ID :	MH1E42	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:13:30	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3814	1992	2342	2716	35.60	cps
Uranium	238-1	16394	16620	16678	16564	0.90	cps
Vanadium	51-2	780	820	800	800	2.50	cps
Ytterbium	172-1	58	92	25	58	57.15	cps
Ytterbium	172-2	28	17	17	20	31.48	cps
Ytterbium	176-1	767	750	742	753	1.69	cps
Ytterbium	176-2	3856	3917	4040	3938	2.37	cps
Yttrium	89-1	12774990	13489646	12854576	13039737	3.00	cps
Yttrium	89-2	1494027	1481216	1527359	1500867	1.59	cps
Zinc	66-2	68203	67383	66817	67468	1.03	cps
Zirconium	90-1	1133	1250	1308	1231	7.24	cps
Zirconium	91-1	233	258	242	244	5.21	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-06	Instrumnet Name :	P8
Client Sample ID :	MH1E44	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:16:26	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6851	6722	6727	6767	1.08	cps
Antimony	121-1	29900	30493	29365	29920	1.89	cps
Arsenic	75-2	1177	1166	1197	1180	1.33	cps
Barium	135-1	56552	59909	59658	58706	3.19	cps
Barium	137-1	99852	101405	102800	101352	1.45	cps
Beryllium	9-1	92	92	100	95	4.88	cps
Bismuth	209-1	4080113	4095632	4009010	4061585	1.14	cps
Bismuth	209-2	2524136	2442576	2469492	2478735	1.68	cps
Boron	10-1	4916	5596	5532	5348	7.02	cps
Boron	11-1	24393	25056	26633	25361	4.54	cps
Bromine	81-1	23103	23363	24236	23567	2.52	cps
Cadmium	111-1	3663	3210	3633	3502	7.22	cps
Cadmium	106-1	3192	2692	3242	3042	10.00	cps
Cadmium	108-1	163	183	142	163	12.82	cps
Calcium	43-1	2064975	2116931	2174962	2118956	2.60	cps
Calcium	44-1	33522054	32493489	34186003	33400515	2.55	cps
Carbon	12-1	6044729	6581949	6923280	6516653	6.80	cps
Carbon	12-2	80387	80245	80211	80281	0.12	cps
Chlorine	35-1	3464821	3711292	3879364	3685159	5.66	cps
Chlorine	35-2	31535	32955	32854	32448	2.44	cps
Chromium	52-2	1213	987	1107	1102	10.29	cps
Cobalt	59-2	1183	1217	1153	1185	2.67	cps
Copper	63-2	11341	11348	10958	11216	1.99	cps
Dysprosium	156-1	117	133	117	122	7.87	cps
Dysprosium	156-2	57	50	30	46	30.47	cps
Erbium	164-1	125	142	67	111	35.44	cps
Erbium	164-2	83	63	60	69	18.32	cps
Gadolinium	160-1	200	108	150	153	30.04	cps
Gadolinium	160-2	113	93	190	132	38.59	cps
Holmium	165-1	7404354	7212497	6818074	7144975	4.18	cps
Holmium	165-2	3837735	3787474	3775874	3800361	0.87	cps
Indium	115-1	6616205	6713897	6304616	6544906	3.27	cps
Indium	115-2	1097470	1080151	1104969	1094197	1.16	cps
Iron	54-2	48800	47501	49313	48538	1.92	cps
Iron	56-2	860569	881428	874797	872265	1.22	cps
Iron	57-2	24666	24588	24594	24616	0.18	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-06	Instrumnet Name :	P8
Client Sample ID :	MH1E44	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:16:26	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1110	1137	1123	1123	1.19	cps
Lead	206-1	182009	180426	190263	184233	2.87	cps
Lead	207-1	161628	166986	161992	163535	1.83	cps
Lead	208-1	734243	744887	746242	741791	0.89	cps
Lithium	6-1	2654855	2619256	2458821	2577644	4.05	cps
Magnesium	24-2	3448967	3484111	3497603	3476894	0.72	cps
Manganese	55-2	219554	217322	217721	218199	0.55	cps
Molybdenum	94-1	2392	2259	2242	2297	3.58	cps
Molybdenum	95-1	2959	2867	2717	2848	4.29	cps
Molybdenum	96-1	3342	3417	3175	3312	3.74	cps
Molybdenum	97-1	2000	2050	1859	1970	5.05	cps
Molybdenum	98-1	4167	4518	4351	4345	4.03	cps
Neodymium	150-1	207	207	213	209	1.84	cps
Neodymium	150-2	93	110	93	99	9.73	cps
Nickel	60-2	1043	993	903	980	7.24	cps
Phosphorus	31-2	275	258	317	283	10.61	cps
Potassium	39-2	258897	256259	264325	259827	1.58	cps
Rhodium	103-1	6360962	6288922	6125620	6258501	1.93	cps
Rhodium	103-2	3219448	3249641	3168358	3212482	1.28	cps
Scandium	45-1	5630249	5552398	5357161	5513270	2.55	cps
Scandium	45-2	197929	193137	194957	195341	1.24	cps
Selenium	82-1	119	99	91	103	14.28	cps
Selenium	77-2	0	10	3	4	114.60	cps
Selenium	78-2	71	67	51	63	16.80	cps
Silicon	28-1	23552896	24281226	23835939	23890020	1.54	cps
Silver	107-1	1292	1292	1708	1431	16.82	cps
Silver	109-1	1325	1467	1608	1467	9.66	cps
Sodium	23-2	25266421	25165355	24874614	25102130	0.81	cps
Strontium	86-1	914945	942741	927764	928483	1.50	cps
Strontium	88-1	7808483	7619023	7760264	7729257	1.27	cps
Sulfur	34-1	1667611	1723022	1629404	1673346	2.81	cps
Terbium	159-1	7604575	7727368	7351863	7561269	2.53	cps
Terbium	159-2	3665735	3610861	3699440	3658679	1.22	cps
Thallium	203-1	550	542	542	544	0.88	cps
Thallium	205-1	950	1025	967	981	4.02	cps
Tin	118-1	1867	1717	1533	1706	9.79	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-06	Instrumnet Name :	P8
Client Sample ID :	MH1E44	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:16:26	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3050	3409	3576	3345	8.02	cps
Uranium	238-1	16778	17629	16570	16992	3.30	cps
Vanadium	51-2	1047	983	990	1007	3.46	cps
Ytterbium	172-1	92	50	50	64	37.66	cps
Ytterbium	172-2	39	28	33	33	16.67	cps
Ytterbium	176-1	733	742	817	764	6.01	cps
Ytterbium	176-2	3995	4301	4345	4214	4.52	cps
Yttrium	89-1	13152399	12706372	12843344	12900705	1.77	cps
Yttrium	89-2	1565420	1505728	1524311	1531820	1.99	cps
Zinc	66-2	77143	79375	79901	78806	1.86	cps
Zirconium	90-1	1408	1467	1575	1483	5.70	cps
Zirconium	91-1	233	275	325	278	16.52	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-07	Instrumnet Name :	P8
Client Sample ID :	MH1E46	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:19:24	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2847	2741	2745	2778	2.17	cps
Antimony	121-1	18280	17745	18471	18165	2.07	cps
Arsenic	75-2	492	490	482	488	1.08	cps
Barium	135-1	70610	72520	71389	71507	1.34	cps
Barium	137-1	123382	123531	127710	124875	1.97	cps
Beryllium	9-1	76	82	94	84	10.91	cps
Bismuth	209-1	4128916	4061546	4136148	4108870	1.00	cps
Bismuth	209-2	2448509	2476155	2390499	2438387	1.79	cps
Boron	10-1	4574	4492	4726	4597	2.58	cps
Boron	11-1	21297	21804	23166	22089	4.37	cps
Bromine	81-1	23313	23554	24216	23695	1.97	cps
Cadmium	111-1	2602	2472	2533	2536	2.58	cps
Cadmium	106-1	3300	3042	3009	3117	5.12	cps
Cadmium	108-1	71	71	75	72	3.33	cps
Calcium	43-1	2806727	2834898	2815736	2819120	0.51	cps
Calcium	44-1	44837508	46084616	45620284	45514136	1.38	cps
Carbon	12-1	6225180	6204649	6831354	6420394	5.55	cps
Carbon	12-2	79473	80018	78167	79220	1.20	cps
Chlorine	35-1	4297074	4661898	4953417	4637463	7.09	cps
Chlorine	35-2	40056	40959	40340	40452	1.14	cps
Chromium	52-2	907	980	810	899	9.49	cps
Cobalt	59-2	743	700	617	687	9.38	cps
Copper	63-2	4604	4314	4581	4500	3.58	cps
Dysprosium	156-1	75	58	42	58	28.57	cps
Dysprosium	156-2	37	20	27	28	30.20	cps
Erbium	164-1	67	92	100	86	20.14	cps
Erbium	164-2	20	53	47	40	44.09	cps
Gadolinium	160-1	83	117	58	86	33.98	cps
Gadolinium	160-2	87	100	87	91	8.45	cps
Holmium	165-1	7212135	7274520	7241510	7242722	0.43	cps
Holmium	165-2	3769667	3762205	3641511	3724461	1.93	cps
Indium	115-1	6508133	6597915	6609411	6571820	0.84	cps
Indium	115-2	1071373	1084261	1074585	1076740	0.62	cps
Iron	54-2	46470	45963	47312	46582	1.46	cps
Iron	56-2	838222	829961	819259	829147	1.15	cps
Iron	57-2	24744	24722	23954	24473	1.84	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-07	Instrumnet Name :	P8
Client Sample ID :	MH1E46	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:19:24	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	997	1103	1160	1087	7.63	cps
Lead	206-1	54130	54955	55256	54781	1.06	cps
Lead	207-1	48541	49105	48313	48653	0.84	cps
Lead	208-1	220576	222089	225007	222557	1.01	cps
Lithium	6-1	2622668	2516820	2627478	2588989	2.42	cps
Magnesium	24-2	5184464	4948976	4985714	5039718	2.51	cps
Manganese	55-2	137269	135898	132587	135251	1.78	cps
Molybdenum	94-1	2042	1925	1892	1953	4.03	cps
Molybdenum	95-1	2617	2959	2692	2756	6.52	cps
Molybdenum	96-1	3059	2892	2900	2950	3.18	cps
Molybdenum	97-1	1633	1717	1733	1695	3.16	cps
Molybdenum	98-1	4593	4259	4217	4356	4.72	cps
Neodymium	150-1	113	113	107	111	3.47	cps
Neodymium	150-2	33	33	40	36	10.83	cps
Nickel	60-2	553	547	623	574	7.39	cps
Phosphorus	31-2	267	383	258	303	23.08	cps
Potassium	39-2	150705	158313	150970	153330	2.82	cps
Rhodium	103-1	6401851	6230454	6391359	6341222	1.52	cps
Rhodium	103-2	3140668	3116077	3164805	3140517	0.78	cps
Scandium	45-1	5600074	5650669	5549563	5600102	0.90	cps
Scandium	45-2	194048	194037	193208	193764	0.25	cps
Selenium	82-1	144	-10	-6	42	206.93	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	52	52	52	52	0.00	cps
Silicon	28-1	23382075	22558000	23025894	22988656	1.80	cps
Silver	107-1	692	750	700	714	4.42	cps
Silver	109-1	400	633	533	522	22.42	cps
Sodium	23-2	26440587	26277503	26456849	26391646	0.38	cps
Strontium	86-1	1353790	1405063	1421332	1393395	2.53	cps
Strontium	88-1	11520035	11490995	11746786	11585939	1.21	cps
Sulfur	34-1	1956849	1963317	1998917	1973028	1.15	cps
Terbium	159-1	7848076	7667132	7754204	7756471	1.17	cps
Terbium	159-2	3628289	3751722	3654530	3678180	1.77	cps
Thallium	203-1	242	292	417	317	28.46	cps
Thallium	205-1	675	725	742	714	4.86	cps
Tin	118-1	1550	1400	1367	1439	6.79	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-07	Instrumnet Name :	P8
Client Sample ID :	MH1E46	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:19:24	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1975	1809	1950	1911	4.70	cps
Uranium	238-1	21519	21485	21586	21530	0.24	cps
Vanadium	51-2	533	520	453	502	8.53	cps
Ytterbium	172-1	42	50	25	39	32.73	cps
Ytterbium	172-2	17	22	28	22	25.00	cps
Ytterbium	176-1	592	758	808	719	15.77	cps
Ytterbium	176-2	3817	3956	4173	3982	4.50	cps
Yttrium	89-1	12963670	12821715	12552050	12779145	1.64	cps
Yttrium	89-2	1448719	1488118	1460431	1465756	1.38	cps
Zinc	66-2	22895	23473	22735	23034	1.68	cps
Zirconium	90-1	925	975	1242	1047	16.26	cps
Zirconium	91-1	300	225	142	222	35.64	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-08	Instrumnet Name :	P8
Client Sample ID :	MH1E48	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:22:20	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4786	5005	5002	4931	2.54	cps
Antimony	121-1	26201	27570	27929	27233	3.35	cps
Arsenic	75-2	1076	1031	1051	1053	2.14	cps
Barium	135-1	54653	56853	57163	56223	2.43	cps
Barium	137-1	93599	96511	99769	96626	3.19	cps
Beryllium	9-1	70	70	86	75	12.26	cps
Bismuth	209-1	4225701	4217082	4094303	4179029	1.76	cps
Bismuth	209-2	2381964	2465735	2614705	2487468	4.74	cps
Boron	10-1	4926	5284	5310	5173	4.15	cps
Boron	11-1	24009	24227	25150	24462	2.48	cps
Bromine	81-1	21699	21569	22541	21937	2.41	cps
Cadmium	111-1	3861	4008	4228	4032	4.57	cps
Cadmium	106-1	3234	3417	3501	3384	4.03	cps
Cadmium	108-1	200	192	146	179	16.28	cps
Calcium	43-1	2035101	2063313	2068104	2055506	0.87	cps
Calcium	44-1	32232187	33000438	33880280	33037635	2.50	cps
Carbon	12-1	6178660	6359656	6665741	6401352	3.85	cps
Carbon	12-2	77589	80152	79608	79116	1.71	cps
Chlorine	35-1	4002490	4394225	4495943	4297553	6.06	cps
Chlorine	35-2	34258	34475	36213	34982	3.06	cps
Chromium	52-2	993	1100	1117	1070	6.25	cps
Cobalt	59-2	883	823	787	831	5.87	cps
Copper	63-2	8893	8596	8726	8738	1.70	cps
Dysprosium	156-1	125	42	83	83	50.00	cps
Dysprosium	156-2	50	43	37	43	15.38	cps
Erbium	164-1	117	100	183	133	33.07	cps
Erbium	164-2	90	40	53	61	42.37	cps
Gadolinium	160-1	183	92	133	136	33.72	cps
Gadolinium	160-2	90	107	107	101	9.52	cps
Holmium	165-1	7081378	7515359	7493039	7363259	3.32	cps
Holmium	165-2	3777758	3791538	3957376	3842224	2.60	cps
Indium	115-1	6651074	6811536	7027126	6829912	2.76	cps
Indium	115-2	1083220	1096616	1137714	1105850	2.57	cps
Iron	54-2	43249	43962	43193	43468	0.99	cps
Iron	56-2	786152	772695	768818	775888	1.17	cps
Iron	57-2	22295	22190	22095	22193	0.45	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-08	Instrumnet Name :	P8
Client Sample ID :	MH1E48	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:22:20	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	980	1017	1167	1054	9.38	cps
Lead	206-1	155271	159259	159912	158147	1.59	cps
Lead	207-1	136183	135721	142460	138121	2.73	cps
Lead	208-1	627453	633590	645526	635523	1.45	cps
Lithium	6-1	2569123	2744635	2686625	2666794	3.35	cps
Magnesium	24-2	3394419	3397456	3432964	3408280	0.63	cps
Manganese	55-2	123510	124250	125081	124280	0.63	cps
Molybdenum	94-1	2317	2317	2192	2275	3.17	cps
Molybdenum	95-1	2642	2842	3284	2923	11.24	cps
Molybdenum	96-1	3476	3200	3709	3462	7.35	cps
Molybdenum	97-1	1959	1817	2000	1925	4.99	cps
Molybdenum	98-1	4543	4634	5293	4823	8.49	cps
Neodymium	150-1	227	147	167	180	23.13	cps
Neodymium	150-2	47	67	67	60	19.24	cps
Nickel	60-2	827	887	890	868	4.11	cps
Phosphorus	31-2	108	192	183	161	28.49	cps
Potassium	39-2	224301	221228	229374	224968	1.83	cps
Rhodium	103-1	6336213	6734273	6602208	6557565	3.09	cps
Rhodium	103-2	3280008	3247488	3359908	3295802	1.76	cps
Scandium	45-1	5465187	5643694	5671707	5593529	2.00	cps
Scandium	45-2	196545	200548	204975	200689	2.10	cps
Selenium	82-1	208	96	50	118	68.84	cps
Selenium	77-2	7	3	3	4	43.40	cps
Selenium	78-2	60	60	66	62	5.59	cps
Silicon	28-1	23051758	22991482	22821142	22954794	0.52	cps
Silver	107-1	808	1017	1133	986	16.70	cps
Silver	109-1	967	1142	1042	1050	8.36	cps
Sodium	23-2	24633240	24121844	24890899	24548661	1.59	cps
Strontium	86-1	888313	912213	923024	907850	1.96	cps
Strontium	88-1	7553185	7485918	7684729	7574611	1.34	cps
Sulfur	34-1	1659514	1673764	1657222	1663500	0.54	cps
Terbium	159-1	7811358	7857469	7787768	7818865	0.45	cps
Terbium	159-2	3629657	3765846	3832016	3742507	2.76	cps
Thallium	203-1	375	467	408	417	11.14	cps
Thallium	205-1	1058	967	967	997	5.31	cps
Tin	118-1	2200	2075	2025	2100	4.29	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-08	Instrumnet Name :	P8
Client Sample ID :	MH1E48	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:22:20	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2750	3376	2984	3037	10.42	cps
Uranium	238-1	15718	16595	17045	16453	4.10	cps
Vanadium	51-2	783	793	830	802	3.06	cps
Ytterbium	172-1	50	50	50	50	0.00	cps
Ytterbium	172-2	33	22	22	26	24.74	cps
Ytterbium	176-1	808	858	908	858	5.83	cps
Ytterbium	176-2	3901	4067	4267	4078	4.50	cps
Yttrium	89-1	13046020	13018784	13409482	13158095	1.66	cps
Yttrium	89-2	1540051	1525675	1603678	1556468	2.67	cps
Zinc	66-2	72977	72847	72950	72925	0.09	cps
Zirconium	90-1	1725	1708	1717	1717	0.49	cps
Zirconium	91-1	333	233	325	297	18.67	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-09	Instrumnet Name :	P8
Client Sample ID :	MH1E50	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:25:18	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4463	4368	4256	4362	2.37	cps
Antimony	121-1	30635	32640	32506	31927	3.51	cps
Arsenic	75-2	927	870	955	917	4.72	cps
Barium	135-1	54428	56904	56234	55855	2.29	cps
Barium	137-1	94833	93525	98140	95499	2.49	cps
Beryllium	9-1	92	66	92	83	18.01	cps
Bismuth	209-1	4203205	4322701	4289045	4271650	1.44	cps
Bismuth	209-2	2533064	2513820	2502301	2516395	0.62	cps
Boron	10-1	5064	5028	5394	5162	3.91	cps
Boron	11-1	23889	24560	25750	24733	3.81	cps
Bromine	81-1	20386	21860	21980	21409	4.15	cps
Cadmium	111-1	3366	3476	3274	3372	3.01	cps
Cadmium	106-1	3067	3092	2975	3045	2.02	cps
Cadmium	108-1	146	150	108	135	17.03	cps
Calcium	43-1	2111009	2136009	1999584	2082201	3.49	cps
Calcium	44-1	33377943	32585352	33214849	33059381	1.27	cps
Carbon	12-1	6195945	6497483	6933781	6542403	5.67	cps
Carbon	12-2	81836	82315	80572	81574	1.10	cps
Chlorine	35-1	4227859	4502100	4754637	4494866	5.86	cps
Chlorine	35-2	37207	36238	36538	36661	1.35	cps
Chromium	52-2	1080	1157	1070	1102	4.30	cps
Cobalt	59-2	867	970	850	896	7.26	cps
Copper	63-2	10854	10874	10477	10735	2.08	cps
Dysprosium	156-1	100	83	50	78	32.73	cps
Dysprosium	156-2	27	37	13	26	45.82	cps
Erbium	164-1	142	58	150	117	43.45	cps
Erbium	164-2	53	73	57	61	17.53	cps
Gadolinium	160-1	192	83	125	133	40.98	cps
Gadolinium	160-2	87	90	113	97	15.03	cps
Holmium	165-1	7537662	7621716	7505122	7554833	0.80	cps
Holmium	165-2	3757624	3857962	3823253	3812946	1.34	cps
Indium	115-1	6770879	6644766	6899332	6771659	1.88	cps
Indium	115-2	1089954	1092808	1089866	1090876	0.15	cps
Iron	54-2	35416	34637	35934	35329	1.85	cps
Iron	56-2	643613	637575	643174	641454	0.52	cps
Iron	57-2	18106	17817	18379	18101	1.55	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-09	Instrumnet Name :	P8
Client Sample ID :	MH1E50	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:25:18	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1053	1140	1053	1082	4.62	cps
Lead	206-1	136154	137447	133314	135638	1.56	cps
Lead	207-1	116812	121926	121668	120135	2.40	cps
Lead	208-1	536747	551587	548767	545700	1.44	cps
Lithium	6-1	2703705	2685874	2647771	2679116	1.07	cps
Magnesium	24-2	3321207	3288988	3345431	3318542	0.85	cps
Manganese	55-2	140030	141121	140985	140712	0.42	cps
Molybdenum	94-1	2725	2159	2617	2500	12.03	cps
Molybdenum	95-1	4026	3701	3384	3703	8.67	cps
Molybdenum	96-1	3984	4034	4292	4104	4.03	cps
Molybdenum	97-1	2184	2167	2075	2142	2.72	cps
Molybdenum	98-1	5643	5751	5685	5693	0.96	cps
Neodymium	150-1	193	107	133	144	30.73	cps
Neodymium	150-2	50	47	27	41	30.69	cps
Nickel	60-2	957	1117	940	1004	9.71	cps
Phosphorus	31-2	250	217	167	211	19.87	cps
Potassium	39-2	219925	216618	214532	217025	1.25	cps
Rhodium	103-1	6333354	6472214	6723148	6509572	3.03	cps
Rhodium	103-2	3301554	3249658	3166730	3239314	2.10	cps
Scandium	45-1	5723692	5867548	5649799	5747013	1.93	cps
Scandium	45-2	193027	193625	195366	194006	0.63	cps
Selenium	82-1	139	144	171	151	11.64	cps
Selenium	77-2	7	13	3	8	65.47	cps
Selenium	78-2	57	75	64	65	13.89	cps
Silicon	28-1	22924536	23491642	22954983	23123720	1.38	cps
Silver	107-1	1642	1500	1458	1533	6.27	cps
Silver	109-1	1458	1433	1350	1414	4.01	cps
Sodium	23-2	23603649	23593022	23658652	23618441	0.15	cps
Strontium	86-1	929596	939490	889890	919659	2.85	cps
Strontium	88-1	7684664	7685058	7675625	7681782	0.07	cps
Sulfur	34-1	1647535	1694329	1670524	1670796	1.40	cps
Terbium	159-1	7871376	7915783	8029219	7938793	1.03	cps
Terbium	159-2	3696027	3593872	3671009	3653636	1.46	cps
Thallium	203-1	558	525	608	564	7.44	cps
Thallium	205-1	1300	1033	1208	1181	11.48	cps
Tin	118-1	1875	1717	2050	1881	8.87	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-09	Instrumnet Name :	P8
Client Sample ID :	MH1E50	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:25:18	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2484	2517	2509	2503	0.69	cps
Uranium	238-1	17713	17313	16870	17298	2.44	cps
Vanadium	51-2	617	650	590	619	4.86	cps
Ytterbium	172-1	75	83	67	75	11.11	cps
Ytterbium	172-2	28	28	17	24	26.64	cps
Ytterbium	176-1	650	850	800	767	13.58	cps
Ytterbium	176-2	4006	4156	4184	4116	2.32	cps
Yttrium	89-1	13259354	13539315	13811546	13536739	2.04	cps
Yttrium	89-2	1534693	1494294	1480812	1503266	1.87	cps
Zinc	66-2	74528	74569	73758	74285	0.61	cps
Zirconium	90-1	1250	1258	1400	1303	6.47	cps
Zirconium	91-1	283	208	425	306	36.01	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-10	Instrumnet Name :	P8
Client Sample ID :	MH1E52	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:28:13	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1956	1874	1890	1907	2.29	cps
Antimony	121-1	2284	2209	2450	2314	5.35	cps
Arsenic	75-2	902	921	896	906	1.44	cps
Barium	135-1	106561	110922	108114	108532	2.04	cps
Barium	137-1	190982	184830	185878	187230	1.76	cps
Beryllium	9-1	88	96	78	87	10.32	cps
Bismuth	209-1	4119027	4087716	4239754	4148832	1.94	cps
Bismuth	209-2	2353556	2396896	2426117	2392189	1.53	cps
Boron	10-1	13670	14520	15207	14466	5.32	cps
Boron	11-1	67334	70707	74274	70772	4.90	cps
Bromine	81-1	46033	50834	52552	49806	6.78	cps
Cadmium	111-1	2023	2135	2070	2076	2.71	cps
Cadmium	106-1	2775	3000	2934	2903	3.98	cps
Cadmium	108-1	17	46	83	49	68.74	cps
Calcium	43-1	4776925	4837680	5007723	4874110	2.45	cps
Calcium	44-1	75336653	80220730	80140640	78566008	3.56	cps
Carbon	12-1	6379568	6468240	6823383	6557064	3.58	cps
Carbon	12-2	82481	80328	84870	82560	2.75	cps
Chlorine	35-1	7738627	8821377	10079998	8880001	13.20	cps
Chlorine	35-2	86500	89141	93174	89605	3.75	cps
Chromium	52-2	2294	2320	2124	2246	4.75	cps
Cobalt	59-2	1527	1447	1320	1431	7.28	cps
Copper	63-2	1830	2000	2194	2008	9.06	cps
Dysprosium	156-1	42	42	117	67	64.95	cps
Dysprosium	156-2	30	20	13	21	39.75	cps
Erbium	164-1	92	108	117	106	12.06	cps
Erbium	164-2	30	40	43	38	18.36	cps
Gadolinium	160-1	58	92	75	75	22.22	cps
Gadolinium	160-2	57	73	77	69	15.55	cps
Holmium	165-1	7182797	7223603	7504181	7303527	2.40	cps
Holmium	165-2	3606766	3710189	3810748	3709235	2.75	cps
Indium	115-1	6476542	6454436	6702037	6544338	2.09	cps
Indium	115-2	1051108	1083884	1094345	1076446	2.10	cps
Iron	54-2	6174	5835	5940	5983	2.90	cps
Iron	56-2	101050	101185	98555	100263	1.48	cps
Iron	57-2	8625	8875	8970	8823	2.02	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-10	Instrumnet Name :	P8
Client Sample ID :	MH1E52	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:28:13	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	993	1040	1040	1024	2.63	cps
Lead	206-1	3801	4356	4090	4082	6.81	cps
Lead	207-1	3473	3728	3673	3625	3.71	cps
Lead	208-1	16388	17066	16788	16747	2.03	cps
Lithium	6-1	2556708	2512470	2579254	2549477	1.33	cps
Magnesium	24-2	11036257	10877571	10987382	10967070	0.74	cps
Manganese	55-2	144555	142646	143549	143583	0.67	cps
Molybdenum	94-1	2042	2192	2242	2159	4.82	cps
Molybdenum	95-1	3159	3075	2984	3073	2.85	cps
Molybdenum	96-1	3159	3150	3417	3242	4.68	cps
Molybdenum	97-1	1784	1784	1859	1809	2.39	cps
Molybdenum	98-1	5059	5251	4651	4987	6.15	cps
Neodymium	150-1	60	53	40	51	19.92	cps
Neodymium	150-2	17	10	20	16	32.73	cps
Nickel	60-2	933	913	897	914	2.01	cps
Phosphorus	31-2	242	183	175	200	18.16	cps
Potassium	39-2	741986	748117	733588	741230	0.98	cps
Rhodium	103-1	6013786	6219688	6241460	6158311	2.04	cps
Rhodium	103-2	3093568	3130989	3144151	3122903	0.84	cps
Scandium	45-1	5435040	5618965	5718485	5590830	2.57	cps
Scandium	45-2	191386	195545	196239	194390	1.35	cps
Selenium	82-1	186	106	78	123	45.65	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	47	44	56	49	12.76	cps
Silicon	28-1	29785392	28470964	29111498	29122618	2.26	cps
Silver	107-1	392	375	358	375	4.44	cps
Silver	109-1	192	275	158	208	28.84	cps
Sodium	23-2	59192824	59028003	59581951	59267593	0.48	cps
Strontium	86-1	2927100	2879863	2947054	2918006	1.18	cps
Strontium	88-1	24088463	24566617	24783046	24479375	1.45	cps
Sulfur	34-1	4279535	4100661	4372960	4251052	3.25	cps
Terbium	159-1	7865647	7546406	8088821	7833625	3.48	cps
Terbium	159-2	3562868	3667888	3724805	3651854	2.25	cps
Thallium	203-1	225	208	275	236	14.69	cps
Thallium	205-1	492	667	525	561	16.56	cps
Tin	118-1	1758	1733	1859	1784	3.71	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-10	Instrumnet Name :	P8
Client Sample ID :	MH1E52	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:28:13	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1467	1609	1500	1525	4.86	cps
Uranium	238-1	13716	13124	12999	13280	2.89	cps
Vanadium	51-2	417	503	487	469	9.81	cps
Ytterbium	172-1	25	33	42	33	25.01	cps
Ytterbium	172-2	11	6	22	13	65.44	cps
Ytterbium	176-1	633	942	667	747	22.65	cps
Ytterbium	176-2	3728	4045	4501	4091	9.49	cps
Yttrium	89-1	12942996	13012419	13208960	13054792	1.06	cps
Yttrium	89-2	1494049	1522040	1492393	1502828	1.11	cps
Zinc	66-2	753	790	767	770	2.41	cps
Zirconium	90-1	1117	1342	1217	1225	9.20	cps
Zirconium	91-1	208	242	208	219	8.77	cps

LB Number : LB117894 Operator : Jaswal
 Lab Sample ID : M5047-11 Instrumnet Name : P8
 Client Sample ID : MH1E54 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-19 14:31:10 DataFile Name : 038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2390	2452	2267	2370	3.97	cps
Antimony	121-1	25950	25875	25524	25783	0.88	cps
Arsenic	75-2	851	784	765	800	5.65	cps
Barium	135-1	53775	52846	54393	53671	1.45	cps
Barium	137-1	94229	94790	94096	94372	0.39	cps
Beryllium	9-1	92	86	94	91	4.59	cps
Bismuth	209-1	4260823	4388097	4078765	4242562	3.66	cps
Bismuth	209-2	2409821	2480304	2444912	2445012	1.44	cps
Boron	10-1	6424	6686	6574	6562	2.00	cps
Boron	11-1	30804	32311	32477	31864	2.89	cps
Bromine	81-1	25470	26563	26703	26245	2.57	cps
Cadmium	111-1	3169	3075	3057	3101	1.94	cps
Cadmium	106-1	3342	3159	3109	3203	3.84	cps
Cadmium	108-1	113	75	75	88	24.74	cps
Calcium	43-1	2397450	2367799	2390215	2385155	0.65	cps
Calcium	44-1	38799005	37381739	38549099	38243281	1.98	cps
Carbon	12-1	6035887	6612697	6719337	6455974	5.70	cps
Carbon	12-2	79591	79407	81350	80116	1.34	cps
Chlorine	35-1	5898688	6054728	6138013	6030476	2.01	cps
Chlorine	35-2	46450	47788	47219	47152	1.42	cps
Chromium	52-2	1000	957	950	969	2.80	cps
Cobalt	59-2	743	713	727	728	2.07	cps
Copper	63-2	5708	5928	6051	5896	2.95	cps
Dysprosium	156-1	83	50	33	56	45.83	cps
Dysprosium	156-2	40	10	17	22	70.88	cps
Erbium	164-1	83	58	75	72	17.63	cps
Erbium	164-2	63	33	10	36	75.20	cps
Gadolinium	160-1	133	92	75	100	30.05	cps
Gadolinium	160-2	40	70	73	61	30.04	cps
Holmium	165-1	7578576	7294109	7539886	7470857	2.07	cps
Holmium	165-2	3608207	3589532	3789635	3662458	3.02	cps
Indium	115-1	6705691	6680782	6592638	6659704	0.89	cps
Indium	115-2	1064346	1069465	1076879	1070230	0.59	cps
Iron	54-2	26202	25378	25924	25835	1.62	cps
Iron	56-2	475645	468987	468102	470911	0.88	cps
Iron	57-2	14836	14513	15108	14819	2.01	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-11	Instrumnet Name :	P8
Client Sample ID :	MH1E54	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:31:10	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1043	980	1033	1019	3.34	cps
Lead	206-1	84653	85833	83949	84811	1.12	cps
Lead	207-1	74240	75721	75257	75073	1.01	cps
Lead	208-1	345783	352333	339496	345871	1.86	cps
Lithium	6-1	2769978	2605025	2729006	2701336	3.18	cps
Magnesium	24-2	4099816	4066593	4080035	4082148	0.41	cps
Manganese	55-2	164067	164319	168324	165570	1.44	cps
Molybdenum	94-1	2175	2092	2150	2139	2.00	cps
Molybdenum	95-1	3142	2734	3200	3025	8.41	cps
Molybdenum	96-1	3467	3776	3376	3539	5.92	cps
Molybdenum	97-1	1975	2017	1975	1989	1.21	cps
Molybdenum	98-1	4568	4934	4918	4807	4.31	cps
Neodymium	150-1	67	80	73	73	9.09	cps
Neodymium	150-2	20	23	60	34	64.44	cps
Nickel	60-2	780	877	830	829	5.83	cps
Phosphorus	31-2	150	192	192	178	13.53	cps
Potassium	39-2	242349	240567	242845	241921	0.50	cps
Rhodium	103-1	6576295	6594557	6279799	6483550	2.73	cps
Rhodium	103-2	3156771	3163422	3192634	3170942	0.60	cps
Scandium	45-1	5848222	5542363	5648929	5679838	2.73	cps
Scandium	45-2	187910	195128	192595	191878	1.91	cps
Selenium	82-1	168	178	239	195	19.63	cps
Selenium	77-2	3	20	3	9	108.30	cps
Selenium	78-2	63	67	50	60	14.81	cps
Silicon	28-1	23483243	23603426	22565230	23217299	2.45	cps
Silver	107-1	708	600	792	700	13.73	cps
Silver	109-1	483	542	575	533	8.70	cps
Sodium	23-2	26644503	26468118	25597200	26236607	2.14	cps
Strontium	86-1	1070366	1077642	1062600	1070203	0.70	cps
Strontium	88-1	9084727	8984113	8972806	9013882	0.68	cps
Sulfur	34-1	2071165	1999518	2022854	2031179	1.80	cps
Terbium	159-1	7986354	7934731	7769526	7896871	1.43	cps
Terbium	159-2	3561408	3620588	3616719	3599572	0.92	cps
Thallium	203-1	483	475	525	494	5.42	cps
Thallium	205-1	1025	858	1233	1039	18.08	cps
Tin	118-1	1959	2259	1884	2034	9.76	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-11	Instrumnet Name :	P8
Client Sample ID :	MH1E54	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:31:10	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1492	1900	1575	1656	13.03	cps
Uranium	238-1	17821	17546	18297	17888	2.12	cps
Vanadium	51-2	597	543	537	559	5.88	cps
Ytterbium	172-1	25	50	25	33	43.30	cps
Ytterbium	172-2	11	11	61	28	103.93	cps
Ytterbium	176-1	833	925	800	853	7.59	cps
Ytterbium	176-2	3689	4167	4195	4017	7.08	cps
Yttrium	89-1	13668606	13685397	12769661	13374555	3.92	cps
Yttrium	89-2	1480507	1495599	1446343	1474150	1.71	cps
Zinc	66-2	62812	63137	61627	62525	1.27	cps
Zirconium	90-1	1258	1133	1183	1192	5.28	cps
Zirconium	91-1	208	333	217	253	27.65	cps

LB Number : LB117894 Operator : Jaswal
 Lab Sample ID : M5047-12 Instrumnet Name : P8
 Client Sample ID : MH1E56 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-19 14:34:07 DataFile Name : 039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2174	2226	2216	2205	1.26	cps
Antimony	121-1	31002	31813	31930	31582	1.60	cps
Arsenic	75-2	1090	1081	1116	1096	1.66	cps
Barium	135-1	54026	55397	57648	55690	3.28	cps
Barium	137-1	97721	94767	99953	97480	2.67	cps
Beryllium	9-1	88	78	78	81	7.09	cps
Bismuth	209-1	4078178	4194723	4335913	4202938	3.07	cps
Bismuth	209-2	2398412	2499132	2469612	2455719	2.11	cps
Boron	10-1	5192	5522	5382	5365	3.09	cps
Boron	11-1	24782	25826	27212	25940	4.70	cps
Bromine	81-1	21930	22842	23945	22906	4.41	cps
Cadmium	111-1	3202	2861	3300	3121	7.39	cps
Cadmium	106-1	3434	2834	3442	3237	10.78	cps
Cadmium	108-1	121	104	121	115	8.35	cps
Calcium	43-1	2117071	2082573	2253175	2150940	4.19	cps
Calcium	44-1	34693856	34048676	35267325	34669953	1.76	cps
Carbon	12-1	6053294	6660534	6809367	6507732	6.15	cps
Carbon	12-2	77463	82189	78870	79507	3.05	cps
Chlorine	35-1	5048568	5136150	5551141	5245286	5.12	cps
Chlorine	35-2	41051	41644	41067	41254	0.82	cps
Chromium	52-2	1410	1413	1370	1398	1.73	cps
Cobalt	59-2	723	647	700	690	5.70	cps
Copper	63-2	5991	5861	6512	6121	5.62	cps
Dysprosium	156-1	50	92	83	75	29.40	cps
Dysprosium	156-2	30	13	23	22	37.76	cps
Erbium	164-1	150	75	92	106	37.31	cps
Erbium	164-2	50	70	43	54	25.49	cps
Gadolinium	160-1	108	67	117	97	27.55	cps
Gadolinium	160-2	57	80	93	77	24.20	cps
Holmium	165-1	7070218	7225611	7738219	7344683	4.76	cps
Holmium	165-2	3745266	3710023	3747446	3734245	0.56	cps
Indium	115-1	6418538	6561059	6921931	6633843	3.91	cps
Indium	115-2	1099521	1088581	1089224	1092442	0.56	cps
Iron	54-2	25111	23887	24905	24634	2.66	cps
Iron	56-2	454593	442016	437567	444725	1.99	cps
Iron	57-2	13557	14207	13440	13735	3.01	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-12	Instrumnet Name :	P8
Client Sample ID :	MH1E56	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:34:07	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1083	1083	1020	1062	3.44	cps
Lead	206-1	115102	117446	120877	117808	2.47	cps
Lead	207-1	102028	101138	104569	102578	1.74	cps
Lead	208-1	462240	470687	488066	473664	2.78	cps
Lithium	6-1	2576594	2655471	2745178	2659081	3.17	cps
Magnesium	24-2	3662114	3659628	3690366	3670703	0.47	cps
Manganese	55-2	112373	115017	114240	113877	1.19	cps
Molybdenum	94-1	1917	1975	2117	2003	5.14	cps
Molybdenum	95-1	3142	3017	3075	3078	2.03	cps
Molybdenum	96-1	3184	3367	3451	3334	4.09	cps
Molybdenum	97-1	1700	2009	2125	1945	11.29	cps
Molybdenum	98-1	4434	4801	4818	4684	4.63	cps
Neodymium	150-1	93	107	87	96	10.66	cps
Neodymium	150-2	30	30	60	40	43.30	cps
Nickel	60-2	960	833	857	883	7.63	cps
Phosphorus	31-2	158	175	92	142	31.13	cps
Potassium	39-2	209522	211318	208356	209732	0.71	cps
Rhodium	103-1	6344736	6406473	6471102	6407437	0.99	cps
Rhodium	103-2	3257832	3163580	3182710	3201374	1.56	cps
Scandium	45-1	5607274	5611793	5763256	5660774	1.57	cps
Scandium	45-2	196196	196248	193474	195306	0.81	cps
Selenium	82-1	135	45	73	84	54.48	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	64	77	68	70	9.56	cps
Silicon	28-1	21781917	21908680	22857760	22182786	2.65	cps
Silver	107-1	2834	3000	3067	2967	4.05	cps
Silver	109-1	2617	2509	2534	2553	2.22	cps
Sodium	23-2	25217339	25162181	24806736	25062085	0.89	cps
Strontium	86-1	949792	945857	1003396	966348	3.33	cps
Strontium	88-1	8042252	8067085	8369173	8159503	2.23	cps
Sulfur	34-1	1707958	1712949	1753580	1724829	1.45	cps
Terbium	159-1	7757668	7684376	8074768	7838937	2.65	cps
Terbium	159-2	3735755	3650224	3766868	3717616	1.62	cps
Thallium	203-1	342	383	608	444	32.28	cps
Thallium	205-1	1217	1233	992	1147	11.77	cps
Tin	118-1	1475	1750	1875	1700	12.04	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-12	Instrumnet Name :	P8
Client Sample ID :	MH1E56	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:34:07	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1483	1458	1617	1520	5.60	cps
Uranium	238-1	17312	17713	16845	17290	2.51	cps
Vanadium	51-2	407	570	443	473	18.11	cps
Ytterbium	172-1	33	33	17	28	34.63	cps
Ytterbium	172-2	33	17	17	22	43.28	cps
Ytterbium	176-1	717	867	800	794	9.46	cps
Ytterbium	176-2	3723	4051	4101	3958	5.19	cps
Yttrium	89-1	13296573	12767095	13639905	13234524	3.32	cps
Yttrium	89-2	1491463	1489801	1507941	1496402	0.67	cps
Zinc	66-2	57138	56951	54525	56205	2.59	cps
Zirconium	90-1	1200	1158	1183	1181	1.77	cps
Zirconium	91-1	217	208	267	231	13.68	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-13	Instrumnet Name :	P8
Client Sample ID :	MH1E58	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:37:05	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3301	3211	3231	3248	1.46	cps
Antimony	121-1	26952	27445	26351	26916	2.04	cps
Arsenic	75-2	954	931	922	936	1.76	cps
Barium	135-1	53951	54092	54343	54129	0.37	cps
Barium	137-1	94338	94287	95287	94637	0.60	cps
Beryllium	9-1	70	68	102	80	23.85	cps
Bismuth	209-1	4302453	4066569	4171758	4180260	2.83	cps
Bismuth	209-2	2467334	2375774	2357502	2400203	2.45	cps
Boron	10-1	6294	6194	6646	6378	3.72	cps
Boron	11-1	28987	30349	31652	30329	4.39	cps
Bromine	81-1	23424	24908	24406	24246	3.11	cps
Cadmium	111-1	2944	3076	2916	2979	2.87	cps
Cadmium	106-1	2942	3075	2900	2973	3.08	cps
Cadmium	108-1	100	133	133	122	15.75	cps
Calcium	43-1	2382659	2445970	2380299	2402976	1.55	cps
Calcium	44-1	39825582	39931221	38558308	39438370	1.94	cps
Carbon	12-1	6319610	6488486	6675314	6494470	2.74	cps
Carbon	12-2	79297	81710	80764	80590	1.51	cps
Chlorine	35-1	4644300	4959984	5097913	4900732	4.74	cps
Chlorine	35-2	39638	41293	41142	40691	2.25	cps
Chromium	52-2	983	957	890	943	5.10	cps
Cobalt	59-2	927	957	890	924	3.61	cps
Copper	63-2	7505	7679	7962	7715	2.99	cps
Dysprosium	156-1	67	58	50	58	14.29	cps
Dysprosium	156-2	47	23	33	34	34.00	cps
Erbium	164-1	92	117	67	92	27.27	cps
Erbium	164-2	33	33	43	37	15.75	cps
Gadolinium	160-1	58	50	158	89	67.82	cps
Gadolinium	160-2	83	87	83	84	2.28	cps
Holmium	165-1	7307638	7364091	7469543	7380424	1.11	cps
Holmium	165-2	3721161	3706273	3607043	3678159	1.69	cps
Indium	115-1	6839815	6637228	6461558	6646200	2.85	cps
Indium	115-2	1083045	1076309	1054959	1071438	1.37	cps
Iron	54-2	33562	33317	32298	33059	2.03	cps
Iron	56-2	596792	595613	590193	594199	0.59	cps
Iron	57-2	17989	17889	17845	17908	0.41	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-13	Instrumnet Name :	P8
Client Sample ID :	MH1E58	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:37:05	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1087	1137	1080	1101	2.81	cps
Lead	206-1	129391	126174	126736	127434	1.35	cps
Lead	207-1	106692	111146	114469	110769	3.52	cps
Lead	208-1	509662	512205	513076	511648	0.35	cps
Lithium	6-1	2690736	2710465	2682045	2694415	0.54	cps
Magnesium	24-2	4104673	4106983	4100720	4104125	0.08	cps
Manganese	55-2	185809	182754	182976	183846	0.93	cps
Molybdenum	94-1	2050	2225	2509	2261	10.23	cps
Molybdenum	95-1	2867	3184	2809	2953	6.83	cps
Molybdenum	96-1	3042	3284	3234	3187	4.00	cps
Molybdenum	97-1	1667	1734	1850	1750	5.30	cps
Molybdenum	98-1	4843	4584	4918	4782	3.66	cps
Neodymium	150-1	153	113	140	136	15.02	cps
Neodymium	150-2	20	33	30	28	24.98	cps
Nickel	60-2	763	810	787	787	2.97	cps
Phosphorus	31-2	150	217	183	183	18.18	cps
Potassium	39-2	246143	243930	249729	246601	1.19	cps
Rhodium	103-1	6278652	6549988	6359849	6396163	2.18	cps
Rhodium	103-2	3274110	3219711	3128836	3207552	2.29	cps
Scandium	45-1	5748828	5757417	5557788	5688011	1.98	cps
Scandium	45-2	193568	191835	191361	192254	0.60	cps
Selenium	82-1	66	88	123	92	30.76	cps
Selenium	77-2	3	3	7	4	43.40	cps
Selenium	78-2	65	52	51	56	13.94	cps
Silicon	28-1	23051828	22946726	23590573	23196375	1.49	cps
Silver	107-1	833	1133	1092	1020	15.94	cps
Silver	109-1	942	942	1250	1045	17.05	cps
Sodium	23-2	26655155	27121841	26897978	26891658	0.87	cps
Strontium	86-1	1053429	1072016	1082507	1069317	1.38	cps
Strontium	88-1	8840868	8928252	9024182	8931100	1.03	cps
Sulfur	34-1	2016579	2045966	2032897	2031814	0.72	cps
Terbium	159-1	7929455	8019283	7580658	7843132	2.95	cps
Terbium	159-2	3707889	3710243	3561700	3659944	2.32	cps
Thallium	203-1	392	400	308	367	13.82	cps
Thallium	205-1	1167	1167	1058	1131	5.53	cps
Tin	118-1	3351	3534	3200	3362	4.97	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-13	Instrumnet Name :	P8
Client Sample ID :	MH1E58	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:37:05	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1884	1967	1942	1931	2.21	cps
Uranium	238-1	18155	17112	18422	17896	3.87	cps
Vanadium	51-2	597	480	537	538	10.85	cps
Ytterbium	172-1	58	67	67	64	7.53	cps
Ytterbium	172-2	22	28	44	31	36.74	cps
Ytterbium	176-1	600	725	833	719	16.23	cps
Ytterbium	176-2	3706	3845	4056	3869	4.56	cps
Yttrium	89-1	12854922	13360504	13149784	13121737	1.94	cps
Yttrium	89-2	1509039	1487301	1469125	1488488	1.34	cps
Zinc	66-2	72096	71215	69524	70945	1.84	cps
Zirconium	90-1	1008	1150	1217	1125	9.46	cps
Zirconium	91-1	367	175	300	281	34.68	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-14	Instrumnet Name :	P8
Client Sample ID :	MH1E60	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:40:01	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5742	5763	5708	5738	0.48	cps
Antimony	121-1	28664	30694	29424	29594	3.46	cps
Arsenic	75-2	926	984	900	937	4.59	cps
Barium	135-1	59339	59314	59917	59523	0.57	cps
Barium	137-1	103749	101220	106460	103810	2.52	cps
Beryllium	9-1	78	82	86	82	4.87	cps
Bismuth	209-1	4175491	4252067	4133040	4186866	1.44	cps
Bismuth	209-2	2429427	2400709	2439836	2423324	0.84	cps
Boron	10-1	5406	5286	5588	5427	2.80	cps
Boron	11-1	25681	26765	27769	26738	3.90	cps
Bromine	81-1	23263	23965	25640	24290	5.03	cps
Cadmium	111-1	3537	3398	3633	3523	3.35	cps
Cadmium	106-1	3084	2900	3000	2995	3.07	cps
Cadmium	108-1	108	88	150	115	27.60	cps
Calcium	43-1	2329279	2364154	2377380	2356938	1.05	cps
Calcium	44-1	36616464	37833758	37785119	37411781	1.84	cps
Carbon	12-1	6352449	6610167	6859849	6607488	3.84	cps
Carbon	12-2	83244	81694	82054	82331	0.99	cps
Chlorine	35-1	4831843	5174862	5280133	5095613	4.60	cps
Chlorine	35-2	40992	41911	41911	41605	1.28	cps
Chromium	52-2	1123	993	1233	1117	10.76	cps
Cobalt	59-2	1003	1063	1027	1031	2.93	cps
Copper	63-2	9440	9967	9904	9770	2.95	cps
Dysprosium	156-1	67	42	133	81	58.82	cps
Dysprosium	156-2	43	47	40	43	7.70	cps
Erbium	164-1	158	108	117	128	20.96	cps
Erbium	164-2	67	40	73	60	29.40	cps
Gadolinium	160-1	167	183	142	164	12.80	cps
Gadolinium	160-2	107	100	80	96	14.52	cps
Holmium	165-1	7315851	7425499	7362174	7367841	0.75	cps
Holmium	165-2	3588757	3635434	3698275	3640822	1.51	cps
Indium	115-1	6563650	6647237	6754182	6655023	1.44	cps
Indium	115-2	1062641	1062686	1059825	1061717	0.15	cps
Iron	54-2	35946	34765	35583	35431	1.71	cps
Iron	56-2	637740	632346	643299	637795	0.86	cps
Iron	57-2	17945	19280	18373	18533	3.68	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-14	Instrumnet Name :	P8
Client Sample ID :	MH1E60	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:40:01	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1240	1097	1173	1170	6.13	cps
Lead	206-1	157697	163258	160649	160535	1.73	cps
Lead	207-1	144412	143393	141684	143163	0.96	cps
Lead	208-1	657616	655066	651186	654623	0.49	cps
Lithium	6-1	2656211	2644411	2689985	2663536	0.89	cps
Magnesium	24-2	3931402	3887812	3858554	3892589	0.94	cps
Manganese	55-2	171139	167557	165602	168099	1.67	cps
Molybdenum	94-1	2525	2434	2200	2386	7.02	cps
Molybdenum	95-1	3000	2934	2984	2973	1.17	cps
Molybdenum	96-1	3409	3701	3109	3406	8.69	cps
Molybdenum	97-1	1834	1817	1817	1822	0.53	cps
Molybdenum	98-1	4593	4793	4909	4765	3.36	cps
Neodymium	150-1	193	213	180	196	8.58	cps
Neodymium	150-2	83	50	77	70	25.20	cps
Nickel	60-2	827	830	833	830	0.40	cps
Phosphorus	31-2	217	275	242	244	11.97	cps
Potassium	39-2	226995	225884	225486	226122	0.35	cps
Rhodium	103-1	6196993	6391017	6301895	6296635	1.54	cps
Rhodium	103-2	3088352	3196030	3225084	3169822	2.27	cps
Scandium	45-1	5730737	5672900	5780111	5727916	0.94	cps
Scandium	45-2	189867	194319	194168	192785	1.31	cps
Selenium	82-1	-68	135	39	36	284.81	cps
Selenium	77-2	3	3	7	4	43.40	cps
Selenium	78-2	55	56	63	58	7.51	cps
Silicon	28-1	23963260	23552986	23591482	23702576	0.96	cps
Silver	107-1	1425	1483	1333	1414	5.35	cps
Silver	109-1	1058	1133	1208	1133	6.62	cps
Sodium	23-2	26775383	26685658	25650123	26370388	2.37	cps
Strontium	86-1	1047062	1054150	1044160	1048458	0.49	cps
Strontium	88-1	9044347	8886672	9059500	8996840	1.06	cps
Sulfur	34-1	1909200	1874273	1874252	1885908	1.07	cps
Terbium	159-1	7638211	7763923	7853788	7751974	1.40	cps
Terbium	159-2	3484946	3514180	3543670	3514266	0.84	cps
Thallium	203-1	592	625	525	581	8.77	cps
Thallium	205-1	1000	1208	1417	1208	17.24	cps
Tin	118-1	1867	1658	1717	1747	6.15	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-14	Instrumnet Name :	P8
Client Sample ID :	MH1E60	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:40:01	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3142	3225	3050	3139	2.79	cps
Uranium	238-1	18472	18840	18447	18586	1.18	cps
Vanadium	51-2	650	603	753	669	11.48	cps
Ytterbium	172-1	75	58	25	53	48.24	cps
Ytterbium	172-2	50	33	28	37	31.22	cps
Ytterbium	176-1	775	733	658	722	8.19	cps
Ytterbium	176-2	3901	3967	3856	3908	1.43	cps
Yttrium	89-1	13378611	13343234	13270538	13330794	0.41	cps
Yttrium	89-2	1455966	1523426	1477008	1485467	2.32	cps
Zinc	66-2	88620	84706	85414	86247	2.42	cps
Zirconium	90-1	1717	1508	1475	1567	8.36	cps
Zirconium	91-1	342	308	308	319	6.02	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-15	Instrumnet Name :	P8
Client Sample ID :	MH1E62	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:42:59	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	896	836	876	870	3.51	cps
Antimony	121-1	25366	25600	26351	25772	2.00	cps
Arsenic	75-2	521	502	519	514	2.03	cps
Barium	135-1	51115	50913	49349	50459	1.92	cps
Barium	137-1	87434	84448	86192	86025	1.74	cps
Beryllium	9-1	100	64	92	85	22.15	cps
Bismuth	209-1	4229571	4153386	4369471	4250809	2.58	cps
Bismuth	209-2	2428325	2418687	2432069	2426360	0.28	cps
Boron	10-1	5038	5242	5278	5186	2.50	cps
Boron	11-1	24203	25469	25836	25169	3.40	cps
Bromine	81-1	22551	21589	24988	23043	7.60	cps
Cadmium	111-1	4414	4427	4134	4325	3.83	cps
Cadmium	106-1	3334	3217	3092	3214	3.76	cps
Cadmium	108-1	171	167	175	171	2.44	cps
Calcium	43-1	2290522	2301109	2261876	2284502	0.89	cps
Calcium	44-1	37350374	36711245	36719509	36927043	0.99	cps
Carbon	12-1	6174389	6600121	6870497	6548336	5.36	cps
Carbon	12-2	79750	82264	82256	81423	1.78	cps
Chlorine	35-1	4901583	5433787	5624781	5320050	7.04	cps
Chlorine	35-2	43734	45907	47295	45645	3.93	cps
Chromium	52-2	1573	1683	1823	1693	7.40	cps
Cobalt	59-2	337	410	400	382	10.40	cps
Copper	63-2	4694	4534	5031	4753	5.34	cps
Dysprosium	156-1	67	58	50	58	14.29	cps
Dysprosium	156-2	23	27	27	26	7.55	cps
Erbium	164-1	83	50	58	64	27.15	cps
Erbium	164-2	40	27	50	39	30.10	cps
Gadolinium	160-1	167	83	58	103	55.19	cps
Gadolinium	160-2	20	63	67	50	52.07	cps
Holmium	165-1	7478496	7213238	7637325	7443020	2.88	cps
Holmium	165-2	3626697	3707640	3639036	3657791	1.19	cps
Indium	115-1	6511873	6620941	6547160	6559991	0.85	cps
Indium	115-2	1056407	1045749	1067781	1056646	1.04	cps
Iron	54-2	8086	7975	8708	8256	4.79	cps
Iron	56-2	141619	143124	140856	141867	0.81	cps
Iron	57-2	6296	5924	6663	6294	5.87	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-15	Instrumnet Name :	P8
Client Sample ID :	MH1E62	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:42:59	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1100	1147	1123	1123	2.08	cps
Lead	206-1	18703	19988	19682	19458	3.45	cps
Lead	207-1	17223	16466	17301	16997	2.71	cps
Lead	208-1	78172	77949	79112	78411	0.79	cps
Lithium	6-1	2594790	2601697	2708629	2635039	2.42	cps
Magnesium	24-2	3885025	3830690	3763817	3826511	1.59	cps
Manganese	55-2	46218	47124	46044	46462	1.25	cps
Molybdenum	94-1	2134	2209	1900	2081	7.73	cps
Molybdenum	95-1	2734	3100	2909	2914	6.29	cps
Molybdenum	96-1	2934	3342	3426	3234	8.14	cps
Molybdenum	97-1	1867	1850	1825	1847	1.14	cps
Molybdenum	98-1	4709	4543	4226	4493	5.47	cps
Neodymium	150-1	93	133	93	107	21.65	cps
Neodymium	150-2	30	23	23	26	15.07	cps
Nickel	60-2	830	763	820	804	4.47	cps
Phosphorus	31-2	150	108	108	122	19.68	cps
Potassium	39-2	218024	220358	219934	219439	0.57	cps
Rhodium	103-1	6291540	6496091	6547147	6444926	2.10	cps
Rhodium	103-2	3171246	3104035	3158049	3144443	1.13	cps
Scandium	45-1	5664410	5478099	5585267	5575925	1.68	cps
Scandium	45-2	192365	188517	191672	190851	1.07	cps
Selenium	82-1	170	54	90	105	56.58	cps
Selenium	77-2	3	3	7	4	43.40	cps
Selenium	78-2	62	58	61	60	3.45	cps
Silicon	28-1	22120743	22083365	22128093	22110733	0.11	cps
Silver	107-1	350	300	433	361	18.65	cps
Silver	109-1	233	250	225	236	5.39	cps
Sodium	23-2	25844613	26251804	26699720	26265379	1.63	cps
Strontium	86-1	1016387	1049448	1046133	1037323	1.76	cps
Strontium	88-1	8495179	8548033	8603434	8548882	0.63	cps
Sulfur	34-1	1826348	1866918	1845854	1846373	1.10	cps
Terbium	159-1	7809218	7654966	7768964	7744383	1.03	cps
Terbium	159-2	3646629	3582375	3602358	3610454	0.91	cps
Thallium	203-1	583	475	625	561	13.80	cps
Thallium	205-1	1275	1267	1358	1300	3.90	cps
Tin	118-1	6535	6160	6235	6310	3.15	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-15	Instrumnet Name :	P8
Client Sample ID :	MH1E62	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:42:59	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1117	1192	1042	1117	6.72	cps
Uranium	238-1	19198	18714	18088	18667	2.98	cps
Vanadium	51-2	297	303	290	297	2.25	cps
Ytterbium	172-1	83	17	58	53	63.81	cps
Ytterbium	172-2	28	22	11	20	41.67	cps
Ytterbium	176-1	658	625	792	692	12.75	cps
Ytterbium	176-2	3862	3767	4145	3925	5.01	cps
Yttrium	89-1	12704037	12665896	13164800	12844911	2.16	cps
Yttrium	89-2	1457395	1442408	1509406	1469736	2.39	cps
Zinc	66-2	97094	96748	95940	96594	0.61	cps
Zirconium	90-1	1025	992	875	964	8.17	cps
Zirconium	91-1	217	208	258	228	11.76	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-16	Instrumnet Name :	P8
Client Sample ID :	MH1E64	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:45:54	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2052	2181	2351	2195	6.83	cps
Antimony	121-1	47241	48428	49290	48320	2.13	cps
Arsenic	75-2	312	295	350	319	8.83	cps
Barium	135-1	56821	57649	61415	58628	4.18	cps
Barium	137-1	99157	103571	100390	101040	2.25	cps
Beryllium	9-1	122	118	146	129	11.77	cps
Bismuth	209-1	4002971	4107808	4196169	4102316	2.36	cps
Bismuth	209-2	2404041	2328373	2355662	2362692	1.62	cps
Boron	10-1	12915	13710	13948	13524	4.00	cps
Boron	11-1	62528	65687	68797	65671	4.77	cps
Bromine	81-1	46084	50191	50804	49026	5.24	cps
Cadmium	111-1	51512	52415	55553	53160	3.99	cps
Cadmium	106-1	7852	7669	8570	8030	5.93	cps
Cadmium	108-1	3505	3651	3634	3596	2.22	cps
Calcium	43-1	5407964	5398369	5354318	5386884	0.53	cps
Calcium	44-1	87979353	89697023	88634946	88770441	0.98	cps
Carbon	12-1	6784907	7348532	7417153	7183531	4.83	cps
Carbon	12-2	86228	90478	90479	89062	2.76	cps
Chlorine	35-1	10425544	11613167	13068657	11702456	11.31	cps
Chlorine	35-2	110311	113610	120121	114681	4.35	cps
Chromium	52-2	1000	1070	1013	1028	3.62	cps
Cobalt	59-2	22267	22384	21870	22174	1.22	cps
Copper	63-2	40899	41514	42320	41577	1.71	cps
Dysprosium	156-1	225	183	167	192	15.68	cps
Dysprosium	156-2	137	173	80	130	36.17	cps
Erbium	164-1	317	217	300	278	19.29	cps
Erbium	164-2	110	117	130	119	8.57	cps
Gadolinium	160-1	200	317	225	247	24.85	cps
Gadolinium	160-2	147	170	197	171	14.62	cps
Holmium	165-1	7007797	7427959	7635734	7357163	4.35	cps
Holmium	165-2	3700676	3705737	3608540	3671651	1.49	cps
Indium	115-1	6581616	6557481	6751428	6630175	1.59	cps
Indium	115-2	1068121	1069929	1085489	1074513	0.89	cps
Iron	54-2	8714	8892	8803	8803	1.01	cps
Iron	56-2	156439	155552	155581	155857	0.32	cps
Iron	57-2	10665	10248	10788	10567	2.68	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-16	Instrumnet Name :	P8
Client Sample ID :	MH1E64	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:45:54	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1043	1177	1177	1132	6.80	cps
Lead	206-1	19192	19509	19304	19335	0.83	cps
Lead	207-1	16283	17011	17395	16896	3.34	cps
Lead	208-1	75236	77882	78929	77349	2.46	cps
Lithium	6-1	2616272	2597596	2675086	2629651	1.54	cps
Magnesium	24-2	11436833	11525131	11428298	11463421	0.47	cps
Manganese	55-2	843145	833111	842434	839563	0.67	cps
Molybdenum	94-1	6919	7461	7102	7160	3.85	cps
Molybdenum	95-1	11213	11697	10888	11266	3.61	cps
Molybdenum	96-1	12714	12222	12322	12420	2.09	cps
Molybdenum	97-1	6744	7194	6919	6952	3.26	cps
Molybdenum	98-1	17887	17445	18746	18026	3.67	cps
Neodymium	150-1	287	347	347	327	10.60	cps
Neodymium	150-2	80	87	123	97	24.14	cps
Nickel	60-2	9233	8739	8953	8975	2.76	cps
Phosphorus	31-2	183	183	192	186	2.58	cps
Potassium	39-2	992864	982128	979977	984990	0.70	cps
Rhodium	103-1	6051030	6201289	6167485	6139935	1.28	cps
Rhodium	103-2	3098609	3157453	3180942	3145668	1.35	cps
Scandium	45-1	5314440	5624312	5823451	5587401	4.59	cps
Scandium	45-2	197379	196676	199327	197794	0.69	cps
Selenium	82-1	195	86	76	119	55.46	cps
Selenium	77-2	0	3	7	3	100.05	cps
Selenium	78-2	57	58	52	56	5.77	cps
Silicon	28-1	33146882	33058226	34020698	33408602	1.59	cps
Silver	107-1	1450	1492	1325	1422	6.10	cps
Silver	109-1	1417	1275	1292	1328	5.83	cps
Sodium	23-2	74727950	74614283	77097275	75479836	1.86	cps
Strontium	86-1	2910924	2968121	3140498	3006514	3.97	cps
Strontium	88-1	23846345	25307366	25781673	24978461	4.04	cps
Sulfur	34-1	3871672	3854244	4021954	3915957	2.35	cps
Terbium	159-1	7732010	7925774	7699245	7785676	1.57	cps
Terbium	159-2	3625697	3647358	3672085	3648380	0.64	cps
Thallium	203-1	3442	3134	3576	3384	6.70	cps
Thallium	205-1	8036	8336	8620	8331	3.50	cps
Tin	118-1	1767	1550	1658	1658	6.53	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-16	Instrumnet Name :	P8
Client Sample ID :	MH1E64	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:45:54	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	883	983	908	925	5.63	cps
Uranium	238-1	117231	120183	122967	120127	2.39	cps
Vanadium	51-2	190	177	180	182	3.81	cps
Ytterbium	172-1	117	125	133	125	6.67	cps
Ytterbium	172-2	89	100	83	91	9.35	cps
Ytterbium	176-1	808	858	733	800	7.86	cps
Ytterbium	176-2	3828	3767	3945	3847	2.35	cps
Yttrium	89-1	12535093	13068700	13509744	13037846	3.74	cps
Yttrium	89-2	1483815	1514320	1528330	1508822	1.51	cps
Zinc	66-2	2019648	1980213	1979362	1993074	1.15	cps
Zirconium	90-1	1033	1067	1050	1050	1.59	cps
Zirconium	91-1	225	167	208	200	15.02	cps

LB Number : LB117894 Operator : Jaswal
 Lab Sample ID : M5047-17 Instrumnet Name : P8
 Client Sample ID : MH1E66 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-19 14:48:50 DataFile Name : 044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	699	699	679	692	1.67	cps
Antimony	121-1	25833	25616	27211	26220	3.30	cps
Arsenic	75-2	493	518	497	503	2.67	cps
Barium	135-1	47476	46606	46648	46910	1.05	cps
Barium	137-1	83735	82971	78797	81834	3.25	cps
Beryllium	9-1	72	64	76	71	8.65	cps
Bismuth	209-1	3911580	4048744	4014053	3991459	1.79	cps
Bismuth	209-2	2433940	2385934	2290500	2370125	3.08	cps
Boron	10-1	5444	5536	5788	5589	3.19	cps
Boron	11-1	26142	27785	27933	27287	3.64	cps
Bromine	81-1	24366	25590	27064	25674	5.26	cps
Cadmium	111-1	4143	4387	4590	4373	5.12	cps
Cadmium	106-1	3000	3342	3351	3231	6.18	cps
Cadmium	108-1	183	171	163	172	6.09	cps
Calcium	43-1	2246946	2238580	2260200	2248576	0.48	cps
Calcium	44-1	36993756	36533738	36314731	36614075	0.95	cps
Carbon	12-1	6064544	6532851	6663276	6420223	4.90	cps
Carbon	12-2	79641	79012	83026	80560	2.68	cps
Chlorine	35-1	6877860	6855593	6964725	6899393	0.84	cps
Chlorine	35-2	51316	50848	51576	51247	0.72	cps
Chromium	52-2	1490	1403	1413	1436	3.30	cps
Cobalt	59-2	330	370	387	362	8.04	cps
Copper	63-2	4181	4517	4327	4342	3.89	cps
Dysprosium	156-1	58	17	33	36	58.07	cps
Dysprosium	156-2	17	3	7	9	78.08	cps
Erbium	164-1	67	42	42	50	28.87	cps
Erbium	164-2	30	37	17	28	36.66	cps
Gadolinium	160-1	67	50	25	47	44.41	cps
Gadolinium	160-2	60	77	60	66	14.68	cps
Holmium	165-1	7106448	7240895	7054554	7133966	1.35	cps
Holmium	165-2	3725169	3494699	3576288	3598719	3.25	cps
Indium	115-1	6430002	6467372	6303972	6400449	1.34	cps
Indium	115-2	1074222	1042417	1062828	1059822	1.52	cps
Iron	54-2	7069	7063	6657	6930	3.40	cps
Iron	56-2	122606	122931	122787	122775	0.13	cps
Iron	57-2	5762	6296	6346	6135	5.27	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-17	Instrumnet Name :	P8
Client Sample ID :	MH1E66	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:48:50	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1187	1187	1137	1170	2.47	cps
Lead	206-1	23037	23227	23299	23188	0.58	cps
Lead	207-1	20094	20400	20973	20489	2.18	cps
Lead	208-1	92347	95475	94174	93999	1.67	cps
Lithium	6-1	2578117	2570146	2526858	2558374	1.08	cps
Magnesium	24-2	3931227	3788342	3848036	3855868	1.86	cps
Manganese	55-2	43874	44446	44720	44347	0.97	cps
Molybdenum	94-1	2242	1850	2050	2047	9.57	cps
Molybdenum	95-1	2784	2792	2750	2775	0.79	cps
Molybdenum	96-1	3159	3034	3042	3078	2.27	cps
Molybdenum	97-1	1600	1733	1625	1653	4.29	cps
Molybdenum	98-1	4251	4584	4401	4412	3.79	cps
Neodymium	150-1	20	13	27	20	33.35	cps
Neodymium	150-2	7	3	10	7	50.03	cps
Nickel	60-2	853	883	900	879	2.69	cps
Phosphorus	31-2	158	117	200	158	26.32	cps
Potassium	39-2	221731	219057	219268	220019	0.68	cps
Rhodium	103-1	6260869	6308314	6249299	6272827	0.50	cps
Rhodium	103-2	3185738	3092308	3108393	3128813	1.60	cps
Scandium	45-1	5616481	5667315	5553563	5612453	1.02	cps
Scandium	45-2	195153	186564	189185	190301	2.31	cps
Selenium	82-1	6	62	102	57	84.62	cps
Selenium	77-2	3	7	0	3	100.05	cps
Selenium	78-2	51	52	44	49	8.91	cps
Silicon	28-1	21350942	20991116	21213115	21185057	0.86	cps
Silver	107-1	283	450	308	347	25.89	cps
Silver	109-1	233	325	200	253	25.61	cps
Sodium	23-2	26897906	26481538	25648887	26342777	2.41	cps
Strontium	86-1	968262	1032643	988929	996611	3.30	cps
Strontium	88-1	8354694	8421666	8306869	8361076	0.69	cps
Sulfur	34-1	1805192	1798775	1801505	1801824	0.18	cps
Terbium	159-1	7541819	7249197	7566551	7452522	2.37	cps
Terbium	159-2	3657979	3498669	3548634	3568427	2.28	cps
Thallium	203-1	450	442	550	481	12.54	cps
Thallium	205-1	1242	1500	1283	1342	10.34	cps
Tin	118-1	1834	1750	1934	1839	4.99	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-17	Instrumnet Name :	P8
Client Sample ID :	MH1E66	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:48:50	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	833	967	792	864	10.59	cps
Uranium	238-1	17379	17946	18539	17955	3.23	cps
Vanadium	51-2	290	340	247	292	15.98	cps
Ytterbium	172-1	42	75	33	50	44.10	cps
Ytterbium	172-2	22	11	17	17	33.33	cps
Ytterbium	176-1	817	642	625	694	15.29	cps
Ytterbium	176-2	3706	3751	3823	3760	1.57	cps
Yttrium	89-1	12667985	12760220	12200676	12542961	2.39	cps
Yttrium	89-2	1501676	1431153	1493123	1475318	2.61	cps
Zinc	66-2	98551	99179	99037	98923	0.33	cps
Zirconium	90-1	992	892	808	897	10.23	cps
Zirconium	91-1	133	108	125	122	10.41	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-18	Instrumnet Name :	P8
Client Sample ID :	MH1E68	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:51:46	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	511	540	509	520	3.34	cps
Antimony	121-1	31696	32113	32138	31983	0.78	cps
Arsenic	75-2	518	537	558	538	3.72	cps
Barium	135-1	50370	50287	52469	51042	2.42	cps
Barium	137-1	86619	85295	89690	87202	2.59	cps
Beryllium	9-1	46	84	72	67	28.85	cps
Bismuth	209-1	4033069	4243643	4075423	4117378	2.71	cps
Bismuth	209-2	2439383	2409421	2468753	2439186	1.22	cps
Boron	10-1	5330	5702	5754	5595	4.13	cps
Boron	11-1	26310	27492	28035	27279	3.23	cps
Bromine	81-1	24156	26162	28689	26335	8.63	cps
Cadmium	111-1	7067	7226	7247	7180	1.37	cps
Cadmium	106-1	3267	3384	3217	3289	2.60	cps
Cadmium	108-1	304	408	383	365	14.89	cps
Calcium	43-1	2635790	2560845	2566711	2587782	1.61	cps
Calcium	44-1	42119516	41042467	41916358	41692781	1.37	cps
Carbon	12-1	6372020	6793668	6942200	6702629	4.41	cps
Carbon	12-2	83572	86188	84728	84829	1.55	cps
Chlorine	35-1	6386651	6711354	6805542	6634516	3.31	cps
Chlorine	35-2	53801	53383	54093	53759	0.66	cps
Chromium	52-2	1267	1210	1227	1235	2.36	cps
Cobalt	59-2	1237	1230	1203	1223	1.44	cps
Copper	63-2	6775	6642	6525	6647	1.88	cps
Dysprosium	156-1	33	8	25	22	57.29	cps
Dysprosium	156-2	10	10	3	8	49.52	cps
Erbium	164-1	83	50	25	53	55.46	cps
Erbium	164-2	37	23	17	26	39.85	cps
Gadolinium	160-1	50	92	25	56	60.62	cps
Gadolinium	160-2	70	60	53	61	13.73	cps
Holmium	165-1	7361269	7654436	7383101	7466269	2.19	cps
Holmium	165-2	3631297	3702726	3800238	3711420	2.28	cps
Indium	115-1	6580949	6721816	6568567	6623777	1.29	cps
Indium	115-2	1079528	1085169	1076062	1080253	0.43	cps
Iron	54-2	5023	4940	4834	4932	1.92	cps
Iron	56-2	82868	85779	85751	84799	1.97	cps
Iron	57-2	5145	5384	5723	5418	5.36	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-18	Instrumnet Name :	P8
Client Sample ID :	MH1E68	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:51:46	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1157	1110	1137	1135	2.06	cps
Lead	206-1	18030	18436	18413	18293	1.25	cps
Lead	207-1	16144	15954	15971	16023	0.65	cps
Lead	208-1	73277	73817	75149	74081	1.30	cps
Lithium	6-1	2694638	2769894	2600747	2688427	3.15	cps
Magnesium	24-2	4483535	4566374	4514675	4521528	0.93	cps
Manganese	55-2	46459	46950	44987	46132	2.21	cps
Molybdenum	94-1	2042	1917	2192	2050	6.72	cps
Molybdenum	95-1	3509	3325	3317	3384	3.20	cps
Molybdenum	96-1	3701	3576	3417	3564	3.98	cps
Molybdenum	97-1	2050	2175	1767	1997	10.48	cps
Molybdenum	98-1	5068	5301	5951	5440	8.42	cps
Neodymium	150-1	33	20	60	38	53.92	cps
Neodymium	150-2	10	10	7	9	21.63	cps
Nickel	60-2	1273	1240	1280	1265	1.69	cps
Phosphorus	31-2	167	125	175	156	17.22	cps
Potassium	39-2	260076	259897	257476	259150	0.56	cps
Rhodium	103-1	6331523	6550262	6445291	6442359	1.70	cps
Rhodium	103-2	3108586	3176322	3118632	3134513	1.17	cps
Scandium	45-1	5870930	5766456	5814468	5817285	0.90	cps
Scandium	45-2	195861	197646	196177	196561	0.48	cps
Selenium	82-1	32	119	74	75	57.84	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	73	66	65	68	6.41	cps
Silicon	28-1	21470304	21613803	21168537	21417548	1.06	cps
Silver	107-1	333	367	283	328	12.80	cps
Silver	109-1	392	250	283	308	24.02	cps
Sodium	23-2	31843631	31308936	31732163	31628243	0.89	cps
Strontium	86-1	1191927	1201944	1204549	1199474	0.56	cps
Strontium	88-1	10017731	9944514	10219994	10060746	1.42	cps
Sulfur	34-1	1997216	2000037	1944372	1980542	1.58	cps
Terbium	159-1	7697867	7832700	7565083	7698550	1.74	cps
Terbium	159-2	3569309	3695735	3631774	3632273	1.74	cps
Thallium	203-1	700	950	783	811	15.69	cps
Thallium	205-1	1917	1867	1750	1845	4.64	cps
Tin	118-1	2309	2475	2442	2409	3.66	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-18	Instrumnet Name :	P8
Client Sample ID :	MH1E68	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:51:46	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	658	667	758	694	7.99	cps
Uranium	238-1	23188	24357	22596	23380	3.83	cps
Vanadium	51-2	240	220	247	236	5.89	cps
Ytterbium	172-1	50	17	17	28	69.27	cps
Ytterbium	172-2	22	17	22	20	15.73	cps
Ytterbium	176-1	825	750	650	742	11.84	cps
Ytterbium	176-2	3940	4256	3884	4027	4.99	cps
Yttrium	89-1	13250127	13454942	13369418	13358162	0.77	cps
Yttrium	89-2	1486518	1497607	1495356	1493161	0.39	cps
Zinc	66-2	159922	160474	159897	160097	0.20	cps
Zirconium	90-1	958	950	933	947	1.34	cps
Zirconium	91-1	325	250	208	261	22.64	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-19	Instrumnet Name :	P8
Client Sample ID :	MH1E70	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:54:44	DataFile Name :	046AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1104	1101	1120	1108	0.92	cps
Antimony	121-1	27929	26693	27261	27294	2.27	cps
Arsenic	75-2	506	547	537	530	4.03	cps
Barium	135-1	47786	47334	48479	47866	1.21	cps
Barium	137-1	86025	86804	84313	85714	1.49	cps
Beryllium	9-1	62	88	86	79	18.39	cps
Bismuth	209-1	4184149	4122037	4300674	4202287	2.16	cps
Bismuth	209-2	2439151	2473332	2326834	2413106	3.18	cps
Boron	10-1	5332	5160	5274	5255	1.67	cps
Boron	11-1	25818	26404	26459	26227	1.36	cps
Bromine	81-1	23183	22020	22752	22652	2.60	cps
Cadmium	111-1	4065	4250	4167	4161	2.22	cps
Cadmium	106-1	2959	2925	3234	3039	5.57	cps
Cadmium	108-1	133	229	204	189	26.32	cps
Calcium	43-1	2306150	2264460	2336779	2302463	1.58	cps
Calcium	44-1	37913931	36526815	36793362	37078036	1.99	cps
Carbon	12-1	6417319	6765125	7208744	6797063	5.84	cps
Carbon	12-2	81962	82541	83086	82530	0.68	cps
Chlorine	35-1	5445203	5609529	5854140	5636291	3.65	cps
Chlorine	35-2	43834	43892	44770	44165	1.19	cps
Chromium	52-2	937	1003	943	961	3.82	cps
Cobalt	59-2	277	330	357	321	12.69	cps
Copper	63-2	5544	5374	5378	5432	1.79	cps
Dysprosium	156-1	8	33	33	25	57.74	cps
Dysprosium	156-2	10	0	17	9	94.38	cps
Erbium	164-1	75	75	58	69	13.86	cps
Erbium	164-2	33	30	40	34	14.78	cps
Gadolinium	160-1	75	83	58	72	17.63	cps
Gadolinium	160-2	63	53	57	58	8.81	cps
Holmium	165-1	7258169	7271481	7420995	7316882	1.24	cps
Holmium	165-2	3753671	3675259	3602832	3677254	2.05	cps
Indium	115-1	6827580	6902672	6584371	6771541	2.46	cps
Indium	115-2	1068776	1067861	1047616	1061418	1.13	cps
Iron	54-2	6641	6357	6396	6465	2.38	cps
Iron	56-2	108750	110656	110723	110043	1.02	cps
Iron	57-2	5662	5757	5662	5694	0.96	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-19	Instrumnet Name :	P8
Client Sample ID :	MH1E70	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:54:44	DataFile Name :	046AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1120	1173	1067	1120	4.76	cps
Lead	206-1	36909	37978	37327	37404	1.44	cps
Lead	207-1	33327	32012	33126	32822	2.16	cps
Lead	208-1	150349	150283	150577	150403	0.10	cps
Lithium	6-1	2739126	2762570	2743498	2748398	0.45	cps
Magnesium	24-2	3967349	3941494	3876854	3928566	1.19	cps
Manganese	55-2	34609	33112	33917	33879	2.21	cps
Molybdenum	94-1	1917	1858	2167	1981	8.27	cps
Molybdenum	95-1	2942	3134	2875	2984	4.50	cps
Molybdenum	96-1	3275	3350	3184	3270	2.55	cps
Molybdenum	97-1	1825	1759	1608	1731	6.41	cps
Molybdenum	98-1	4142	4701	4709	4518	7.19	cps
Neodymium	150-1	47	53	47	49	7.86	cps
Neodymium	150-2	7	23	20	17	52.90	cps
Nickel	60-2	723	760	743	742	2.47	cps
Phosphorus	31-2	150	150	175	158	9.12	cps
Potassium	39-2	222187	222543	221830	222187	0.16	cps
Rhodium	103-1	6270899	6530750	6550142	6450597	2.42	cps
Rhodium	103-2	3161374	3175044	3058598	3131672	2.03	cps
Scandium	45-1	5722232	5725138	5797150	5748173	0.74	cps
Scandium	45-2	192955	193912	187848	191571	1.70	cps
Selenium	82-1	163	5	155	108	82.56	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	56	59	69	61	11.10	cps
Silicon	28-1	21369845	21573919	21686211	21543325	0.74	cps
Silver	107-1	492	500	417	469	9.78	cps
Silver	109-1	383	317	475	392	20.30	cps
Sodium	23-2	26838790	26884355	26914787	26879311	0.14	cps
Strontium	86-1	1039945	1039308	1023452	1034235	0.90	cps
Strontium	88-1	8781768	8878076	8617190	8759012	1.51	cps
Sulfur	34-1	1864922	1810448	1894115	1856495	2.29	cps
Terbium	159-1	7773316	7852700	7912646	7846221	0.89	cps
Terbium	159-2	3645753	3627048	3517629	3596810	1.92	cps
Thallium	203-1	508	583	592	561	8.18	cps
Thallium	205-1	1542	1400	1450	1464	4.91	cps
Tin	118-1	2342	2400	2334	2359	1.54	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-19	Instrumnet Name :	P8
Client Sample ID :	MH1E70	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:54:44	DataFile Name :	046AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1400	1167	1175	1247	10.61	cps
Uranium	238-1	18063	18706	17996	18255	2.15	cps
Vanadium	51-2	317	310	287	304	5.17	cps
Ytterbium	172-1	8	25	25	19	49.50	cps
Ytterbium	172-2	28	28	17	24	26.64	cps
Ytterbium	176-1	717	608	775	700	12.08	cps
Ytterbium	176-2	3506	4201	3901	3869	9.00	cps
Yttrium	89-1	13484974	13513411	13265473	13421286	1.01	cps
Yttrium	89-2	1492880	1487112	1473093	1484362	0.69	cps
Zinc	66-2	85141	83961	81976	83693	1.91	cps
Zirconium	90-1	1342	1158	1133	1211	9.39	cps
Zirconium	91-1	233	292	267	264	11.09	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-20	Instrumnet Name :	P8
Client Sample ID :	MH1E72	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:57:40	DataFile Name :	047AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1295	1425	1315	1345	5.20	cps
Antimony	121-1	26994	26109	26977	26693	1.90	cps
Arsenic	75-2	779	736	737	751	3.27	cps
Barium	135-1	61081	61231	60519	60944	0.62	cps
Barium	137-1	102203	106595	105376	104725	2.17	cps
Beryllium	9-1	62	98	68	76	25.37	cps
Bismuth	209-1	4138395	4087130	4078980	4101502	0.79	cps
Bismuth	209-2	2381545	2454775	2394343	2410221	1.62	cps
Boron	10-1	4932	5290	5402	5208	4.71	cps
Boron	11-1	24474	25533	26763	25590	4.48	cps
Bromine	81-1	22291	23374	23905	23190	3.55	cps
Cadmium	111-1	3042	3189	2953	3061	3.90	cps
Cadmium	106-1	2867	3292	2975	3045	7.25	cps
Cadmium	108-1	63	129	108	100	34.11	cps
Calcium	43-1	2102448	2111442	2203552	2139147	2.62	cps
Calcium	44-1	34841281	33886217	34950221	34559240	1.69	cps
Carbon	12-1	6363950	6771991	7096906	6744282	5.45	cps
Carbon	12-2	82859	85657	84996	84504	1.73	cps
Chlorine	35-1	4704138	4917617	5177363	4933039	4.80	cps
Chlorine	35-2	39321	40574	41235	40376	2.41	cps
Chromium	52-2	843	883	863	863	2.32	cps
Cobalt	59-2	623	753	667	681	9.72	cps
Copper	63-2	5534	6071	5761	5789	4.66	cps
Dysprosium	156-1	50	100	67	72	35.25	cps
Dysprosium	156-2	43	17	17	26	60.23	cps
Erbium	164-1	100	100	100	100	0.00	cps
Erbium	164-2	50	53	43	49	10.42	cps
Gadolinium	160-1	117	117	100	111	8.66	cps
Gadolinium	160-2	83	70	87	80	11.02	cps
Holmium	165-1	7186469	7213293	7293530	7231097	0.77	cps
Holmium	165-2	3666540	3584914	3640865	3630773	1.15	cps
Indium	115-1	6683573	6758145	6754572	6732097	0.62	cps
Indium	115-2	1065299	1078223	1073695	1072406	0.61	cps
Iron	54-2	20381	19970	19775	20042	1.54	cps
Iron	56-2	356736	363164	354915	358271	1.21	cps
Iron	57-2	11677	11833	11716	11742	0.69	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-20	Instrumnet Name :	P8
Client Sample ID :	MH1E72	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:57:40	DataFile Name :	047AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1093	1100	1083	1092	0.77	cps
Lead	206-1	88299	92159	90448	90302	2.14	cps
Lead	207-1	78604	79097	79488	79063	0.56	cps
Lead	208-1	352883	364849	360999	359577	1.70	cps
Lithium	6-1	2773379	2683338	2632507	2696408	2.65	cps
Magnesium	24-2	3809705	3665113	3694107	3722975	2.05	cps
Manganese	55-2	115316	117147	117080	116514	0.89	cps
Molybdenum	94-1	1950	2267	2034	2084	7.88	cps
Molybdenum	95-1	2459	2517	2617	2531	3.16	cps
Molybdenum	96-1	2884	2950	2967	2934	1.50	cps
Molybdenum	97-1	1650	1850	1542	1681	9.31	cps
Molybdenum	98-1	4543	4242	4151	4312	4.75	cps
Neodymium	150-1	53	100	120	91	37.55	cps
Neodymium	150-2	30	27	50	36	35.49	cps
Nickel	60-2	777	823	793	798	2.96	cps
Phosphorus	31-2	200	183	192	192	4.35	cps
Potassium	39-2	241917	243357	241110	242128	0.47	cps
Rhodium	103-1	6563510	6289983	6432677	6428723	2.13	cps
Rhodium	103-2	3227220	3206531	3123533	3185761	1.72	cps
Scandium	45-1	5676844	5638403	5652382	5655876	0.34	cps
Scandium	45-2	193519	193767	192413	193233	0.37	cps
Selenium	82-1	101	71	110	94	22.16	cps
Selenium	77-2	0	7	7	4	86.60	cps
Selenium	78-2	50	37	70	52	31.77	cps
Silicon	28-1	24086828	25050637	25287765	24808410	2.56	cps
Silver	107-1	475	417	375	422	11.90	cps
Silver	109-1	308	417	342	356	15.60	cps
Sodium	23-2	24565624	24667583	24636473	24623227	0.21	cps
Strontium	86-1	950576	962964	981844	965128	1.63	cps
Strontium	88-1	8071588	8166023	8021117	8086242	0.91	cps
Sulfur	34-1	1764316	1738678	1765620	1756205	0.87	cps
Terbium	159-1	7791992	7819753	7665881	7759209	1.06	cps
Terbium	159-2	3597832	3624384	3601117	3607777	0.40	cps
Thallium	203-1	525	517	600	547	8.39	cps
Thallium	205-1	1292	1158	1417	1289	10.02	cps
Tin	118-1	1759	1742	1917	1806	5.35	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-20	Instrumnet Name :	P8
Client Sample ID :	MH1E72	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 14:57:40	DataFile Name :	047AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1342	1300	1233	1292	4.23	cps
Uranium	238-1	17054	16636	18347	17346	5.14	cps
Vanadium	51-2	683	830	727	747	10.09	cps
Ytterbium	172-1	42	50	75	56	31.22	cps
Ytterbium	172-2	22	17	11	17	33.33	cps
Ytterbium	176-1	733	667	733	711	5.41	cps
Ytterbium	176-2	3539	4245	4179	3988	9.77	cps
Yttrium	89-1	12976646	13336293	12978456	13097132	1.58	cps
Yttrium	89-2	1450393	1483762	1459538	1464564	1.18	cps
Zinc	66-2	63014	64232	64175	63807	1.08	cps
Zirconium	90-1	1192	1183	1108	1161	3.95	cps
Zirconium	91-1	433	225	275	311	34.96	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-21	Instrumnet Name :	P8
Client Sample ID :	MH1E72D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:00:38	DataFile Name :	048AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1332	1419	1360	1370	3.22	cps
Antimony	121-1	26334	26961	27445	26913	2.07	cps
Arsenic	75-2	787	723	732	747	4.64	cps
Barium	135-1	59816	59951	60963	60243	1.04	cps
Barium	137-1	104471	102835	103690	103665	0.79	cps
Beryllium	9-1	78	52	94	75	28.39	cps
Bismuth	209-1	4225545	4087892	4183309	4165582	1.69	cps
Bismuth	209-2	2281280	2338681	2443148	2354369	3.49	cps
Boron	10-1	5150	5352	5450	5317	2.88	cps
Boron	11-1	24371	25293	26453	25372	4.11	cps
Bromine	81-1	22732	23554	23354	23213	1.85	cps
Cadmium	111-1	3419	3172	3084	3225	5.39	cps
Cadmium	106-1	3334	3017	2909	3087	7.16	cps
Cadmium	108-1	104	88	104	99	9.76	cps
Calcium	43-1	2205745	2168328	2132797	2168957	1.68	cps
Calcium	44-1	34437152	34050635	35079638	34522475	1.51	cps
Carbon	12-1	6416872	6912616	7090879	6806789	5.13	cps
Carbon	12-2	83044	84979	84695	84239	1.24	cps
Chlorine	35-1	4418879	4621519	4880855	4640418	4.99	cps
Chlorine	35-2	37432	38669	39212	38438	2.37	cps
Chromium	52-2	833	813	840	829	1.67	cps
Cobalt	59-2	733	760	767	753	2.34	cps
Copper	63-2	5798	5728	5528	5685	2.47	cps
Dysprosium	156-1	92	67	92	83	17.32	cps
Dysprosium	156-2	17	30	30	26	30.11	cps
Erbium	164-1	92	50	100	81	33.25	cps
Erbium	164-2	57	30	47	44	30.31	cps
Gadolinium	160-1	117	192	108	139	33.04	cps
Gadolinium	160-2	103	83	67	84	21.74	cps
Holmium	165-1	7376083	7117681	7357796	7283853	1.98	cps
Holmium	165-2	3592709	3677014	3653906	3641210	1.20	cps
Indium	115-1	6668833	6658092	6673196	6666707	0.12	cps
Indium	115-2	1037839	1057634	1062889	1052787	1.25	cps
Iron	54-2	19970	19658	20087	19905	1.11	cps
Iron	56-2	363175	356563	353232	357657	1.41	cps
Iron	57-2	11421	11394	11494	11436	0.45	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-21	Instrumnet Name :	P8
Client Sample ID :	MH1E72D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:00:38	DataFile Name :	048AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1107	1027	1147	1093	5.59	cps
Lead	206-1	88344	88915	90616	89292	1.32	cps
Lead	207-1	77761	79180	80376	79106	1.66	cps
Lead	208-1	355730	357252	360477	357820	0.68	cps
Lithium	6-1	2688493	2712458	2709422	2703458	0.48	cps
Magnesium	24-2	3768022	3681066	3690630	3713239	1.28	cps
Manganese	55-2	118417	116239	117691	117449	0.94	cps
Molybdenum	94-1	2184	2000	2100	2095	4.38	cps
Molybdenum	95-1	2817	2775	2800	2798	0.75	cps
Molybdenum	96-1	3009	3100	2992	3034	1.92	cps
Molybdenum	97-1	1733	1700	1525	1653	6.77	cps
Molybdenum	98-1	3617	4593	4017	4076	12.03	cps
Neodymium	150-1	87	120	133	113	21.21	cps
Neodymium	150-2	50	33	53	46	23.52	cps
Nickel	60-2	750	733	633	706	8.94	cps
Phosphorus	31-2	150	108	167	142	21.21	cps
Potassium	39-2	241736	239332	239459	240176	0.56	cps
Rhodium	103-1	6395690	6269940	6410460	6358697	1.21	cps
Rhodium	103-2	3033324	3116322	3172593	3107413	2.25	cps
Scandium	45-1	5715664	5461776	5734948	5637463	2.70	cps
Scandium	45-2	186856	190175	196138	191056	2.46	cps
Selenium	82-1	92	153	76	107	38.22	cps
Selenium	77-2	10	3	0	4	114.60	cps
Selenium	78-2	68	57	45	57	20.31	cps
Silicon	28-1	25011572	25792587	24309036	25037732	2.96	cps
Silver	107-1	525	383	542	483	18.00	cps
Silver	109-1	400	300	325	342	15.23	cps
Sodium	23-2	24672159	24576038	24769136	24672444	0.39	cps
Strontium	86-1	969870	953853	959460	961061	0.85	cps
Strontium	88-1	8245896	7958254	7858790	8020980	2.51	cps
Sulfur	34-1	1785217	1761586	1709170	1751991	2.22	cps
Terbium	159-1	7725337	7825429	7780079	7776948	0.64	cps
Terbium	159-2	3456789	3415237	3615132	3495719	3.02	cps
Thallium	203-1	633	508	567	569	10.98	cps
Thallium	205-1	1050	1267	1083	1133	10.30	cps
Tin	118-1	1817	1925	1750	1831	4.83	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-21	Instrumnet Name :	P8
Client Sample ID :	MH1E72D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:00:38	DataFile Name :	048AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1325	1083	1325	1245	11.21	cps
Uranium	238-1	16845	16403	16812	16686	1.48	cps
Vanadium	51-2	823	803	817	814	1.25	cps
Ytterbium	172-1	33	58	17	36	58.07	cps
Ytterbium	172-2	17	28	17	20	31.48	cps
Ytterbium	176-1	675	750	692	706	5.58	cps
Ytterbium	176-2	3367	3973	4101	3814	10.28	cps
Yttrium	89-1	13647931	13058289	12883622	13196614	3.03	cps
Yttrium	89-2	1423986	1444011	1476781	1448260	1.84	cps
Zinc	66-2	64453	64068	64326	64282	0.31	cps
Zirconium	90-1	1158	1258	1167	1195	4.64	cps
Zirconium	91-1	383	308	158	283	40.43	cps

LB Number : LB117894 Operator : Jaswal
 Lab Sample ID : CCV073 Instrumnet Name : P8
 Client Sample ID : CCV073 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-19 15:04:47 DataFile Name : 049CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2176812	2094330	2083463	2118201	2.41	cps
Antimony	121-1	1941794	2043086	1956196	1980358	2.77	cps
Arsenic	75-2	67825	68503	67760	68029	0.60	cps
Barium	135-1	2598008	2702704	2610984	2637232	2.16	cps
Barium	137-1	4425024	4654906	4506421	4528784	2.57	cps
Beryllium	9-1	601800	609453	608412	606555	0.68	cps
Bismuth	209-1	4108414	4336343	4135952	4193570	2.97	cps
Bismuth	209-2	2438713	2404827	2379716	2407752	1.23	cps
Boron	10-1	61036	63950	65607	63531	3.64	cps
Boron	11-1	286270	304826	315793	302296	4.94	cps
Bromine	81-1	15675	16868	15154	15899	5.53	cps
Cadmium	111-1	479950	494195	497976	490707	1.94	cps
Cadmium	106-1	55379	55722	54751	55284	0.89	cps
Cadmium	108-1	37092	37167	37727	37329	0.93	cps
Calcium	43-1	4178931	4139350	4225426	4181236	1.03	cps
Calcium	44-1	67944127	64830966	68405039	67060044	2.90	cps
Carbon	12-1	5284483	5384478	5695386	5454782	3.93	cps
Carbon	12-2	68769	68034	70227	69010	1.62	cps
Chlorine	35-1	2090617	1984140	1924995	1999917	4.20	cps
Chlorine	35-2	13340	12631	12956	12976	2.73	cps
Chromium	52-2	779029	765148	767938	770705	0.95	cps
Cobalt	59-2	1328301	1320989	1310030	1319773	0.70	cps
Copper	63-2	10488660	10145544	10418584	10350929	1.75	cps
Dysprosium	156-1	308	458	458	408	21.21	cps
Dysprosium	156-2	237	183	240	220	14.45	cps
Erbium	164-1	175	142	108	142	23.53	cps
Erbium	164-2	67	87	100	84	19.87	cps
Gadolinium	160-1	400	450	508	453	11.98	cps
Gadolinium	160-2	277	283	267	276	3.04	cps
Holmium	165-1	7591274	7426964	7777831	7598690	2.31	cps
Holmium	165-2	3852993	3771718	3644670	3756460	2.80	cps
Indium	115-1	6749685	6561930	6762831	6691482	1.68	cps
Indium	115-2	1062388	1067472	1065959	1065273	0.25	cps
Iron	54-2	8146165	8013942	7891243	8017116	1.59	cps
Iron	56-2	145493920	144031664	140937692	143487759	1.62	cps
Iron	57-2	3685018	3570762	3651029	3635603	1.61	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	CCV073	Instrumnet Name :	P8
Client Sample ID :	CCV073	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:04:47	DataFile Name :	049CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1073	1147	1143	1121	3.69	cps
Lead	206-1	6933988	6966240	7034697	6978308	0.74	cps
Lead	207-1	6080665	6063394	6050407	6064822	0.25	cps
Lead	208-1	27567353	27679836	27612636	27619941	0.20	cps
Lithium	6-1	2709391	2682483	2621040	2670971	1.70	cps
Magnesium	24-2	32568249	31047516	30445341	31353702	3.49	cps
Manganese	55-2	3827360	3694745	3666181	3729429	2.31	cps
Molybdenum	94-1	8705057	8986514	8929882	8873817	1.68	cps
Molybdenum	95-1	12630230	12761773	13250135	12880713	2.54	cps
Molybdenum	96-1	14113770	14499384	14357178	14323444	1.36	cps
Molybdenum	97-1	7759778	7981521	7959801	7900367	1.55	cps
Molybdenum	98-1	19952547	20209220	20778852	20313539	2.08	cps
Neodymium	150-1	260	267	253	260	2.57	cps
Neodymium	150-2	53	57	70	60	14.70	cps
Nickel	60-2	372184	368339	365523	368682	0.91	cps
Phosphorus	31-2	22301	21859	21333	21831	2.22	cps
Potassium	39-2	11342177	11428399	11940862	11570479	2.80	cps
Rhodium	103-1	6056747	6151585	6384804	6197712	2.72	cps
Rhodium	103-2	3155318	3197938	3087005	3146754	1.78	cps
Scandium	45-1	5795002	5653743	5916810	5788518	2.27	cps
Scandium	45-2	199211	196151	197539	197634	0.78	cps
Selenium	82-1	46433	47031	47516	46993	1.15	cps
Selenium	77-2	1380	1420	1340	1380	2.90	cps
Selenium	78-2	4739	4701	4532	4658	2.37	cps
Silicon	28-1	2308645	2364726	2494964	2389445	4.00	cps
Silver	107-1	2690883	2743626	2710252	2714920	0.98	cps
Silver	109-1	2574017	2556024	2655695	2595245	2.05	cps
Sodium	23-2	61779262	61863453	61588339	61743685	0.23	cps
Strontium	86-1	8168029	8225651	7941955	8111878	1.85	cps
Strontium	88-1	69041554	68971047	68785781	68932794	0.19	cps
Sulfur	34-1	693851	694697	689944	692831	0.37	cps
Terbium	159-1	7891123	7996073	8039410	7975535	0.96	cps
Terbium	159-2	3765336	3655096	3673144	3697858	1.60	cps
Thallium	203-1	1746946	1665907	1737288	1716714	2.58	cps
Thallium	205-1	4022382	3912543	4062769	3999231	1.94	cps
Tin	118-1	1746513	1760859	1759940	1755771	0.46	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	CCV073	Instrumnet Name :	P8
Client Sample ID :	CCV073	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:04:47	DataFile Name :	049CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4404663	4398889	4616211	4473254	2.77	cps
Uranium	238-1	5204946	5214431	5312232	5243870	1.13	cps
Vanadium	51-2	647245	646584	642597	645476	0.39	cps
Ytterbium	172-1	58	42	17	39	53.92	cps
Ytterbium	172-2	33	39	11	28	52.92	cps
Ytterbium	176-1	7652	8328	8378	8119	4.99	cps
Ytterbium	176-2	7474	7597	7953	7675	3.24	cps
Yttrium	89-1	13132465	13592044	13181247	13301919	1.90	cps
Yttrium	89-2	1482340	1503043	1533967	1506450	1.72	cps
Zinc	66-2	1036331	1019346	1036926	1030868	0.97	cps
Zirconium	90-1	4118761	4271799	4166812	4185791	1.87	cps
Zirconium	91-1	940773	964202	946611	950529	1.28	cps

LB Number : LB117894 Operator : Jaswal
 Lab Sample ID : CCB073 Instrumnet Name : P8
 Client Sample ID : CCB073 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-19 15:07:43 DataFile Name : 050CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	339	317	274	310	10.69	cps
Antimony	121-1	1583	1567	1200	1450	14.94	cps
Arsenic	75-2	10	13	12	12	13.09	cps
Barium	135-1	650	483	508	547	16.42	cps
Barium	137-1	1217	992	667	958	28.85	cps
Beryllium	9-1	290	266	234	263	10.67	cps
Bismuth	209-1	4266588	4367400	4485977	4373322	2.51	cps
Bismuth	209-2	2437649	2465559	2555384	2486198	2.47	cps
Boron	10-1	5036	4508	3970	4504	11.83	cps
Boron	11-1	23426	21710	20112	21749	7.62	cps
Bromine	81-1	15475	16206	15825	15835	2.31	cps
Cadmium	111-1	2200	2175	2097	2157	2.50	cps
Cadmium	106-1	2925	2842	2775	2848	2.64	cps
Cadmium	108-1	63	50	13	42	62.45	cps
Calcium	43-1	1564	1251	797	1204	32.00	cps
Calcium	44-1	48541	43654	36892	43029	13.59	cps
Carbon	12-1	4395902	4398562	4521260	4438575	1.61	cps
Carbon	12-2	49350	48949	49108	49136	0.41	cps
Chlorine	35-1	1376383	1389521	1350884	1372263	1.43	cps
Chlorine	35-2	9078	8978	8920	8992	0.89	cps
Chromium	52-2	737	677	613	676	9.13	cps
Cobalt	59-2	170	173	143	162	10.13	cps
Copper	63-2	1850	1723	1490	1688	10.82	cps
Dysprosium	156-1	8	8	25	14	69.31	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	75	50	25	50	50.00	cps
Erbium	164-2	20	23	27	23	14.29	cps
Gadolinium	160-1	33	42	50	42	20.00	cps
Gadolinium	160-2	63	50	60	58	12.01	cps
Holmium	165-1	7207885	7450243	7238995	7299041	1.81	cps
Holmium	165-2	3657249	3713181	3613915	3661448	1.36	cps
Indium	115-1	6773092	6907006	6833548	6837882	0.98	cps
Indium	115-2	1069445	1107399	1096600	1091148	1.79	cps
Iron	54-2	1406	1267	1011	1228	16.30	cps
Iron	56-2	15882	13869	13557	14436	8.74	cps
Iron	57-2	572	533	478	528	8.99	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	CCB073	Instrumnet Name :	P8
Client Sample ID :	CCB073	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:07:43	DataFile Name :	050CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1290	1100	1023	1138	12.07	cps
Lead	206-1	2789	1922	1811	2174	24.62	cps
Lead	207-1	2489	1834	1289	1871	32.13	cps
Lead	208-1	10591	8212	6873	8559	22.00	cps
Lithium	6-1	2633832	2770865	2646738	2683812	2.82	cps
Magnesium	24-2	4118	3409	3292	3606	12.39	cps
Manganese	55-2	467	370	377	404	13.35	cps
Molybdenum	94-1	3934	2700	1609	2748	42.35	cps
Molybdenum	95-1	4901	3334	2209	3481	38.85	cps
Molybdenum	96-1	5493	4092	2709	4098	33.97	cps
Molybdenum	97-1	3059	2142	1408	2203	37.54	cps
Molybdenum	98-1	7211	5768	3559	5513	33.36	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	137	87	100	108	24.02	cps
Phosphorus	31-2	133	133	208	158	27.35	cps
Potassium	39-2	19864	20707	19823	20131	2.48	cps
Rhodium	103-1	6283736	6696105	6751320	6577054	3.88	cps
Rhodium	103-2	3194402	3342283	3252039	3262908	2.28	cps
Scandium	45-1	5592481	5688282	5648269	5643011	0.85	cps
Scandium	45-2	192190	194238	192825	193084	0.54	cps
Selenium	82-1	-210	16	102	-31	-526.60	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	54	56	51	54	4.69	cps
Silicon	28-1	668514	668469	666008	667664	0.21	cps
Silver	107-1	1133	875	633	881	28.40	cps
Silver	109-1	867	792	717	792	9.47	cps
Sodium	23-2	37017	35661	33071	35250	5.69	cps
Strontium	86-1	4251	3651	2817	3573	20.15	cps
Strontium	88-1	18922	13951	7286	13386	43.62	cps
Sulfur	34-1	395430	389367	395313	393370	0.88	cps
Terbium	159-1	7809164	7891648	8093699	7931504	1.85	cps
Terbium	159-2	3522319	3577521	3732525	3610788	3.02	cps
Thallium	203-1	875	742	542	719	23.32	cps
Thallium	205-1	2159	1784	1325	1756	23.78	cps
Tin	118-1	3000	2600	2709	2770	7.47	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	CCB073	Instrumnet Name :	P8
Client Sample ID :	CCB073	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:07:43	DataFile Name :	050CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1684	1150	967	1267	29.40	cps
Uranium	238-1	1400	1300	667	1122	35.44	cps
Vanadium	51-2	90	63	57	70	25.20	cps
Ytterbium	172-1	17	0	67	28	124.89	cps
Ytterbium	172-2	0	22	0	7	173.21	cps
Ytterbium	176-1	808	733	717	753	6.49	cps
Ytterbium	176-2	3556	4090	4012	3886	7.42	cps
Yttrium	89-1	13435057	13470665	13170179	13358634	1.23	cps
Yttrium	89-2	1462865	1558824	1485883	1502524	3.33	cps
Zinc	66-2	290	247	260	266	8.36	cps
Zirconium	90-1	1708	1483	1183	1458	18.06	cps
Zirconium	91-1	392	325	275	331	17.71	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-20LX5	Instrumnet Name :	P8
Client Sample ID :	MH1E72L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-19 15:10:45	DataFile Name :	051AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	420	396	402	406	3.03	cps
Antimony	121-1	5768	5818	5418	5668	3.85	cps
Arsenic	75-2	139	145	187	157	16.66	cps
Barium	135-1	11839	11305	12122	11755	3.53	cps
Barium	137-1	19281	21184	20516	20327	4.75	cps
Beryllium	9-1	134	116	104	118	12.79	cps
Bismuth	209-1	4243330	4287325	4123581	4218079	2.01	cps
Bismuth	209-2	2463873	2504621	2476720	2481738	0.84	cps
Boron	10-1	3150	2992	3088	3076	2.59	cps
Boron	11-1	15189	14552	14598	14780	2.40	cps
Bromine	81-1	16136	17018	17108	16754	3.21	cps
Cadmium	111-1	2287	2059	2409	2252	7.89	cps
Cadmium	106-1	2850	2634	3067	2850	7.60	cps
Cadmium	108-1	54	38	54	49	19.80	cps
Calcium	43-1	422771	426055	427377	425401	0.56	cps
Calcium	44-1	6877773	6870750	6794612	6847711	0.67	cps
Carbon	12-1	4573075	4515712	4667880	4585556	1.68	cps
Carbon	12-2	53908	53013	53013	53311	0.97	cps
Chlorine	35-1	1404225	1423578	1469195	1432333	2.33	cps
Chlorine	35-2	10579	10821	10621	10674	1.21	cps
Chromium	52-2	730	750	733	738	1.45	cps
Cobalt	59-2	190	180	193	188	3.70	cps
Copper	63-2	1780	1797	1723	1767	2.18	cps
Dysprosium	156-1	8	33	0	14	124.91	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	75	75	83	78	6.19	cps
Erbium	164-2	20	27	20	22	17.33	cps
Gadolinium	160-1	33	42	33	36	13.33	cps
Gadolinium	160-2	67	40	37	48	34.42	cps
Holmium	165-1	7488752	7410106	7086153	7328337	2.91	cps
Holmium	165-2	3725132	3583418	3683553	3664034	1.99	cps
Indium	115-1	6861292	6607851	6585974	6685039	2.29	cps
Indium	115-2	1095851	1083503	1099385	1092913	0.76	cps
Iron	54-2	4240	4067	4067	4125	2.41	cps
Iron	56-2	76868	74739	73478	75028	2.28	cps
Iron	57-2	2573	2561	2395	2510	3.97	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-20LX5	Instrumnet Name :	P8
Client Sample ID :	MH1E72L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-19 15:10:45	DataFile Name :	051AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1100	1043	1140	1094	4.44	cps
Lead	206-1	18669	19070	19198	18979	1.45	cps
Lead	207-1	15415	16355	16878	16216	4.57	cps
Lead	208-1	73606	74646	75073	74442	1.01	cps
Lithium	6-1	2726794	2664047	2620727	2670523	2.00	cps
Magnesium	24-2	725699	723801	740211	729904	1.23	cps
Manganese	55-2	23359	23156	22835	23117	1.14	cps
Molybdenum	94-1	1008	758	1042	936	16.54	cps
Molybdenum	95-1	1234	1058	1183	1158	7.79	cps
Molybdenum	96-1	1242	1217	1167	1208	3.16	cps
Molybdenum	97-1	642	533	675	617	12.01	cps
Molybdenum	98-1	1884	1800	1550	1745	9.94	cps
Neodymium	150-1	20	47	13	27	66.16	cps
Neodymium	150-2	20	10	7	12	56.76	cps
Nickel	60-2	237	240	213	230	6.32	cps
Phosphorus	31-2	67	167	67	100	57.73	cps
Potassium	39-2	61825	61448	61875	61716	0.38	cps
Rhodium	103-1	6436271	6439146	6270471	6381963	1.51	cps
Rhodium	103-2	3380544	3296968	3272394	3316636	1.71	cps
Scandium	45-1	5738751	5810384	5347253	5632129	4.43	cps
Scandium	45-2	200018	193739	194488	196082	1.75	cps
Selenium	82-1	-100	46	-59	-38	-200.95	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	46	50	47	48	4.38	cps
Silicon	28-1	5307563	5308391	5410368	5342107	1.11	cps
Silver	107-1	425	517	308	417	25.06	cps
Silver	109-1	400	300	258	319	22.79	cps
Sodium	23-2	4819944	4740513	4781275	4780577	0.83	cps
Strontium	86-1	188650	190483	194231	191122	1.49	cps
Strontium	88-1	1658799	1651251	1645062	1651704	0.42	cps
Sulfur	34-1	732632	737888	741395	737305	0.60	cps
Terbium	159-1	7994696	7591139	7599843	7728559	2.98	cps
Terbium	159-2	3606792	3596043	3672396	3625077	1.14	cps
Thallium	203-1	333	350	300	328	7.77	cps
Thallium	205-1	908	825	958	897	7.51	cps
Tin	118-1	1734	1692	1834	1753	4.15	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-20LX5	Instrumnet Name :	P8
Client Sample ID :	MH1E72L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-19 15:10:45	DataFile Name :	051AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	608	500	592	567	10.29	cps
Uranium	238-1	3542	3175	3834	3517	9.38	cps
Vanadium	51-2	157	157	173	162	5.93	cps
Ytterbium	172-1	33	33	17	28	34.63	cps
Ytterbium	172-2	22	6	11	13	65.44	cps
Ytterbium	176-1	783	917	708	803	13.14	cps
Ytterbium	176-2	3456	4101	4028	3862	9.14	cps
Yttrium	89-1	13365454	13141692	12818278	13108475	2.10	cps
Yttrium	89-2	1543296	1503497	1490938	1512577	1.81	cps
Zinc	66-2	12996	12879	13240	13038	1.41	cps
Zirconium	90-1	850	1033	842	908	11.93	cps
Zirconium	91-1	258	242	192	231	15.05	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-21RE	Instrumnet Name :	P8
Client Sample ID :	MH1E72D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:13:46	DataFile Name :	052AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1390	1430	1331	1384	3.59	cps
Antimony	121-1	24706	25666	25825	25399	2.38	cps
Arsenic	75-2	681	669	751	700	6.32	cps
Barium	135-1	54025	54762	55590	54792	1.43	cps
Barium	137-1	94732	96804	96301	95946	1.13	cps
Beryllium	9-1	116	104	106	109	5.92	cps
Bismuth	209-1	3750396	3823004	3864439	3812613	1.51	cps
Bismuth	209-2	2230902	2240236	2278142	2249760	1.11	cps
Boron	10-1	5356	5810	5870	5679	4.95	cps
Boron	11-1	27380	27496	28093	27657	1.38	cps
Bromine	81-1	17549	19905	20085	19180	7.38	cps
Cadmium	111-1	2654	2892	2849	2798	4.54	cps
Cadmium	106-1	2592	2834	2842	2756	5.15	cps
Cadmium	108-1	104	125	117	115	9.09	cps
Calcium	43-1	1912083	1986874	2004402	1967786	2.49	cps
Calcium	44-1	30573391	32887042	32496592	31985675	3.87	cps
Carbon	12-1	6632113	7036582	7548415	7072370	6.49	cps
Carbon	12-2	87393	87511	88760	87888	0.86	cps
Chlorine	35-1	2554940	2767932	2945932	2756268	7.10	cps
Chlorine	35-2	23778	24772	25590	24713	3.67	cps
Chromium	52-2	1313	1327	1280	1307	1.84	cps
Cobalt	59-2	637	710	630	659	6.74	cps
Copper	63-2	5534	5718	5321	5524	3.59	cps
Dysprosium	156-1	58	67	58	61	7.87	cps
Dysprosium	156-2	17	20	30	22	31.22	cps
Erbium	164-1	117	83	83	94	20.37	cps
Erbium	164-2	50	40	40	43	13.32	cps
Gadolinium	160-1	75	83	92	83	10.00	cps
Gadolinium	160-2	90	63	83	79	17.59	cps
Holmium	165-1	6510364	6766072	6615147	6630528	1.94	cps
Holmium	165-2	3306787	3328824	3362627	3332746	0.84	cps
Indium	115-1	5832966	6067986	6129864	6010272	2.61	cps
Indium	115-2	988243	1001737	1008223	999401	1.02	cps
Iron	54-2	19419	18790	18329	18846	2.90	cps
Iron	56-2	332883	340219	338904	337335	1.16	cps
Iron	57-2	11349	11271	11221	11281	0.57	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-21RE	Instrumnet Name :	P8
Client Sample ID :	MH1E72D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:13:46	DataFile Name :	052AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1203	1047	1083	1111	7.38	cps
Lead	206-1	82747	86057	83894	84233	2.00	cps
Lead	207-1	71308	73463	74446	73073	2.20	cps
Lead	208-1	328441	336573	339241	334752	1.68	cps
Lithium	6-1	2399966	2520681	2453531	2458059	2.46	cps
Magnesium	24-2	3483069	3484023	3458343	3475145	0.42	cps
Manganese	55-2	109800	113659	112517	111992	1.77	cps
Molybdenum	94-1	2134	2159	2175	2156	0.97	cps
Molybdenum	95-1	2625	2325	2734	2561	8.26	cps
Molybdenum	96-1	3376	2992	3009	3125	6.93	cps
Molybdenum	97-1	1708	1675	1800	1728	3.75	cps
Molybdenum	98-1	4176	4718	4559	4484	6.21	cps
Neodymium	150-1	53	113	67	78	40.51	cps
Neodymium	150-2	13	30	23	22	37.76	cps
Nickel	60-2	707	747	927	793	14.77	cps
Phosphorus	31-2	167	192	250	203	21.09	cps
Potassium	39-2	225476	228194	227069	226913	0.60	cps
Rhodium	103-1	5632413	5871982	5772249	5758881	2.09	cps
Rhodium	103-2	2945565	2982390	2871808	2933254	1.92	cps
Scandium	45-1	4838200	5326383	5169882	5111488	4.88	cps
Scandium	45-2	179849	183194	181343	181462	0.92	cps
Selenium	82-1	22	150	125	99	68.86	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	68	76	58	67	13.39	cps
Silicon	28-1	22738228	22930927	23908288	23192481	2.70	cps
Silver	107-1	583	617	542	581	6.47	cps
Silver	109-1	400	500	467	456	11.18	cps
Sodium	23-2	22341839	23119024	23141693	22867519	1.99	cps
Strontium	86-1	862551	891340	900858	884916	2.25	cps
Strontium	88-1	7343576	7666207	7683431	7564405	2.53	cps
Sulfur	34-1	1610978	1616081	1621276	1616111	0.32	cps
Terbium	159-1	6825206	7221055	7041036	7029099	2.82	cps
Terbium	159-2	3335892	3488596	3404507	3409665	2.24	cps
Thallium	203-1	650	617	575	614	6.12	cps
Thallium	205-1	1375	1400	1317	1364	3.14	cps
Tin	118-1	2784	3042	2809	2878	4.95	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-21RE	Instrumnet Name :	P8
Client Sample ID :	MH1E72D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:13:46	DataFile Name :	052AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1150	1342	1383	1292	9.63	cps
Uranium	238-1	15977	16253	15427	15885	2.65	cps
Vanadium	51-2	797	753	623	724	12.45	cps
Ytterbium	172-1	17	50	33	33	50.00	cps
Ytterbium	172-2	11	28	6	15	78.05	cps
Ytterbium	176-1	692	575	600	622	9.87	cps
Ytterbium	176-2	3478	3695	3934	3702	6.16	cps
Yttrium	89-1	11813711	12508268	12128276	12150085	2.86	cps
Yttrium	89-2	1371706	1373264	1417741	1387570	1.88	cps
Zinc	66-2	55803	57523	58179	57168	2.15	cps
Zirconium	90-1	1517	1500	1467	1495	1.70	cps
Zirconium	91-1	408	283	283	325	22.21	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-01	Instrumnet Name :	P8
Client Sample ID :	MH1E74	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:16:43	DataFile Name :	053AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	559	561	556	559	0.45	cps
Antimony	121-1	38630	37669	38580	38293	1.41	cps
Arsenic	75-2	542	536	534	537	0.77	cps
Barium	135-1	58000	58838	57264	58034	1.36	cps
Barium	137-1	98418	102027	98575	99673	2.05	cps
Beryllium	9-1	90	104	110	101	10.13	cps
Bismuth	209-1	4333236	4252047	4196189	4260491	1.62	cps
Bismuth	209-2	2503878	2417247	2418946	2446690	2.02	cps
Boron	10-1	6044	6370	6682	6365	5.01	cps
Boron	11-1	29932	30932	30938	30601	1.89	cps
Bromine	81-1	24928	26242	26112	25760	2.81	cps
Cadmium	111-1	8365	8013	8761	8380	4.46	cps
Cadmium	106-1	3584	3692	3751	3676	2.30	cps
Cadmium	108-1	517	467	475	486	5.51	cps
Calcium	43-1	2716643	2827551	2799884	2781359	2.08	cps
Calcium	44-1	44265208	45271140	44917567	44817972	1.14	cps
Carbon	12-1	6631609	7025503	7355178	7004097	5.17	cps
Carbon	12-2	85961	87745	89070	87592	1.78	cps
Chlorine	35-1	3760945	4130310	4464119	4118458	8.54	cps
Chlorine	35-2	37349	39597	39454	38800	3.24	cps
Chromium	52-2	1107	1233	1203	1181	5.60	cps
Cobalt	59-2	1007	1130	1127	1088	6.46	cps
Copper	63-2	6932	6762	6618	6771	2.32	cps
Dysprosium	156-1	17	25	17	19	24.73	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	50	75	50	58	24.74	cps
Erbium	164-2	20	40	20	27	43.30	cps
Gadolinium	160-1	50	67	75	64	19.92	cps
Gadolinium	160-2	60	50	50	53	10.83	cps
Holmium	165-1	7483488	7699602	7597857	7593649	1.42	cps
Holmium	165-2	3728661	3681983	3813648	3741431	1.78	cps
Indium	115-1	6851171	6777493	6773598	6800754	0.64	cps
Indium	115-2	1112343	1097076	1099875	1103098	0.74	cps
Iron	54-2	4662	4495	4501	4553	2.08	cps
Iron	56-2	73434	73311	72886	73210	0.39	cps
Iron	57-2	5279	5396	5657	5444	3.55	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-01	Instrumnet Name :	P8
Client Sample ID :	MH1E74	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:16:43	DataFile Name :	053AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1097	1027	1063	1062	3.30	cps
Lead	206-1	14431	14325	13930	14228	1.85	cps
Lead	207-1	12345	12262	12657	12421	1.68	cps
Lead	208-1	57897	57123	57306	57442	0.70	cps
Lithium	6-1	2684570	2662211	2845266	2730682	3.66	cps
Magnesium	24-2	4852933	4917158	4999219	4923104	1.49	cps
Manganese	55-2	45031	45158	43921	44703	1.52	cps
Molybdenum	94-1	2342	2409	2559	2436	4.56	cps
Molybdenum	95-1	3534	3551	3526	3537	0.36	cps
Molybdenum	96-1	3509	4017	3642	3723	7.08	cps
Molybdenum	97-1	2325	2167	1934	2142	9.20	cps
Molybdenum	98-1	5426	5685	5243	5451	4.07	cps
Neodymium	150-1	13	20	20	18	21.66	cps
Neodymium	150-2	0	7	3	3	100.05	cps
Nickel	60-2	1293	1367	1323	1328	2.78	cps
Phosphorus	31-2	167	150	175	164	7.77	cps
Potassium	39-2	264816	271492	263442	266583	1.62	cps
Rhodium	103-1	6517263	6479591	6451812	6482889	0.51	cps
Rhodium	103-2	3281268	3253561	3217821	3250884	0.98	cps
Scandium	45-1	5600580	5766708	5672760	5680016	1.47	cps
Scandium	45-2	204845	203752	201458	203352	0.85	cps
Selenium	82-1	156	246	222	208	22.46	cps
Selenium	77-2	0	7	10	6	91.64	cps
Selenium	78-2	50	53	50	51	3.40	cps
Silicon	28-1	24301297	24416146	24613540	24443661	0.65	cps
Silver	107-1	650	475	367	497	28.75	cps
Silver	109-1	550	442	375	456	19.39	cps
Sodium	23-2	33806371	34881239	34050109	34245906	1.65	cps
Strontium	86-1	1277166	1315012	1337707	1309962	2.33	cps
Strontium	88-1	10775704	10900559	11090742	10922335	1.45	cps
Sulfur	34-1	2074333	2109770	2097211	2093771	0.86	cps
Terbium	159-1	8160335	7920570	8143690	8074865	1.66	cps
Terbium	159-2	3720918	3664640	3688837	3691465	0.76	cps
Thallium	203-1	892	933	750	858	11.20	cps
Thallium	205-1	2000	2175	1984	2053	5.17	cps
Tin	118-1	1600	1800	1917	1772	9.04	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-01	Instrumnet Name :	P8
Client Sample ID :	MH1E74	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:16:43	DataFile Name :	053AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	792	742	775	769	3.31	cps
Uranium	238-1	25510	25501	26487	25832	2.19	cps
Vanadium	51-2	300	287	253	280	8.58	cps
Ytterbium	172-1	50	33	25	36	35.25	cps
Ytterbium	172-2	22	17	11	17	33.33	cps
Ytterbium	176-1	800	675	633	703	12.34	cps
Ytterbium	176-2	3695	4329	3940	3988	8.01	cps
Yttrium	89-1	13735824	13405502	13799984	13647104	1.55	cps
Yttrium	89-2	1569881	1566509	1521111	1552500	1.75	cps
Zinc	66-2	276858	275809	273944	275537	0.54	cps
Zirconium	90-1	1258	942	1000	1067	15.80	cps
Zirconium	91-1	317	258	217	264	19.04	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-02	Instrumnet Name :	P8
Client Sample ID :	MH1E76	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:19:41	DataFile Name :	054AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	420	456	384	420	8.63	cps
Antimony	121-1	28480	29415	29591	29162	2.05	cps
Arsenic	75-2	515	466	477	486	5.29	cps
Barium	135-1	48747	50997	49190	49645	2.40	cps
Barium	137-1	85663	84975	88122	86253	1.92	cps
Beryllium	9-1	96	88	100	95	6.46	cps
Bismuth	209-1	4155438	4089143	4209499	4151360	1.45	cps
Bismuth	209-2	2502972	2442852	2391169	2445664	2.29	cps
Boron	10-1	5902	5856	6164	5974	2.78	cps
Boron	11-1	27518	28698	28618	28278	2.33	cps
Bromine	81-1	23163	24517	25279	24320	4.41	cps
Cadmium	111-1	4313	4302	4224	4280	1.14	cps
Cadmium	106-1	3309	3300	3134	3248	3.04	cps
Cadmium	108-1	308	179	183	224	32.83	cps
Calcium	43-1	2468484	2507870	2565859	2514071	1.95	cps
Calcium	44-1	39729996	40511375	39695897	39979089	1.15	cps
Carbon	12-1	6572595	6874067	7412191	6952951	6.12	cps
Carbon	12-2	86153	88223	88962	87779	1.66	cps
Chlorine	35-1	4275204	4557833	4899236	4577424	6.83	cps
Chlorine	35-2	37917	38703	40023	38881	2.74	cps
Chromium	52-2	723	740	873	779	10.56	cps
Cobalt	59-2	247	237	177	220	17.21	cps
Copper	63-2	3454	3734	3711	3633	4.28	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	33	33	50	39	24.75	cps
Erbium	164-2	17	27	23	22	22.91	cps
Gadolinium	160-1	67	42	67	58	24.74	cps
Gadolinium	160-2	67	47	43	52	24.17	cps
Holmium	165-1	7174856	7446698	7355770	7325775	1.89	cps
Holmium	165-2	3719018	3770425	3768855	3752766	0.78	cps
Indium	115-1	6357402	6535133	6774701	6555745	3.19	cps
Indium	115-2	1081289	1095738	1077010	1084679	0.90	cps
Iron	54-2	2367	2667	2384	2472	6.82	cps
Iron	56-2	38135	39655	37494	38428	2.89	cps
Iron	57-2	4112	4167	4195	4158	1.02	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-02	Instrumnet Name :	P8
Client Sample ID :	MH1E76	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:19:41	DataFile Name :	054AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1190	1130	1110	1143	3.64	cps
Lead	206-1	5829	5901	5907	5879	0.74	cps
Lead	207-1	4579	5624	5034	5079	10.31	cps
Lead	208-1	22764	23698	23848	23437	2.51	cps
Lithium	6-1	2731030	2666509	2697977	2698505	1.20	cps
Magnesium	24-2	4200779	4286015	4259481	4248758	1.03	cps
Manganese	55-2	4457	4121	4291	4290	3.93	cps
Molybdenum	94-1	2209	2125	1808	2047	10.31	cps
Molybdenum	95-1	2542	3217	2700	2820	12.52	cps
Molybdenum	96-1	3617	3225	3050	3298	8.80	cps
Molybdenum	97-1	1617	2059	1759	1811	12.45	cps
Molybdenum	98-1	4584	4401	4284	4423	3.42	cps
Neodymium	150-1	13	40	27	27	50.01	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	680	660	723	688	4.71	cps
Phosphorus	31-2	100	150	133	128	19.92	cps
Potassium	39-2	240803	241875	243572	242083	0.58	cps
Rhodium	103-1	6152321	6048651	6238601	6146524	1.55	cps
Rhodium	103-2	3246210	3280218	3262243	3262890	0.52	cps
Scandium	45-1	5801697	5578418	5632929	5671015	2.05	cps
Scandium	45-2	197939	201576	200794	200103	0.96	cps
Selenium	82-1	15	57	51	41	54.69	cps
Selenium	77-2	7	3	3	4	43.40	cps
Selenium	78-2	72	56	52	60	17.64	cps
Silicon	28-1	23485451	23686369	24655111	23942310	2.61	cps
Silver	107-1	2601	342	292	1078	122.35	cps
Silver	109-1	200	242	208	217	10.17	cps
Sodium	23-2	29227538	29408429	29195727	29277231	0.39	cps
Strontium	86-1	1087854	1112151	1118461	1106155	1.46	cps
Strontium	88-1	9151255	9192638	9162661	9168852	0.23	cps
Sulfur	34-1	1927738	1919885	1994099	1947241	2.09	cps
Terbium	159-1	7421872	8012139	7811739	7748583	3.87	cps
Terbium	159-2	3588781	3681885	3553214	3607960	1.84	cps
Thallium	203-1	517	517	517	517	0.00	cps
Thallium	205-1	1033	1442	1383	1286	17.17	cps
Tin	118-1	1625	1750	1800	1725	5.23	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-02	Instrumnet Name :	P8
Client Sample ID :	MH1E76	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:19:41	DataFile Name :	054AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	958	750	750	819	14.68	cps
Uranium	238-1	17729	17988	18372	18030	1.79	cps
Vanadium	51-2	253	257	257	256	0.75	cps
Ytterbium	172-1	33	42	42	39	12.38	cps
Ytterbium	172-2	28	17	22	22	25.00	cps
Ytterbium	176-1	775	725	700	733	5.21	cps
Ytterbium	176-2	3595	3984	4295	3958	8.86	cps
Yttrium	89-1	12831946	13250720	13023422	13035362	1.61	cps
Yttrium	89-2	1509250	1526903	1525535	1520563	0.65	cps
Zinc	66-2	115775	115131	111848	114252	1.84	cps
Zirconium	90-1	833	783	1000	872	13.01	cps
Zirconium	91-1	175	175	150	167	8.66	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-03	Instrumnet Name :	P8
Client Sample ID :	MH1E78	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:22:36	DataFile Name :	055AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	442	451	392	429	7.39	cps
Antimony	121-1	37636	37452	39132	38073	2.42	cps
Arsenic	75-2	579	569	535	561	4.11	cps
Barium	135-1	52745	52904	53699	53116	0.96	cps
Barium	137-1	89974	89027	90151	89717	0.67	cps
Beryllium	9-1	64	78	78	73	11.02	cps
Bismuth	209-1	4061995	4243330	4141581	4148969	2.19	cps
Bismuth	209-2	2406366	2410368	2424580	2413771	0.40	cps
Boron	10-1	5818	6012	6286	6039	3.89	cps
Boron	11-1	28197	29035	29606	28946	2.45	cps
Bromine	81-1	24226	24326	26583	25045	5.32	cps
Cadmium	111-1	8269	8544	7830	8214	4.38	cps
Cadmium	106-1	3684	4051	3134	3623	12.74	cps
Cadmium	108-1	463	467	450	460	1.89	cps
Calcium	43-1	2732914	2707355	2744911	2728393	0.70	cps
Calcium	44-1	43884262	44289746	45217114	44463708	1.54	cps
Carbon	12-1	6658688	7024413	7608479	7097193	6.75	cps
Carbon	12-2	88115	90067	91259	89813	1.77	cps
Chlorine	35-1	4786153	5140768	5442574	5123165	6.41	cps
Chlorine	35-2	42530	44118	46960	44536	5.04	cps
Chromium	52-2	757	763	853	791	6.83	cps
Cobalt	59-2	363	410	360	378	7.40	cps
Copper	63-2	5861	5541	5855	5752	3.18	cps
Dysprosium	156-1	17	8	42	22	78.07	cps
Dysprosium	156-2	10	10	7	9	21.63	cps
Erbium	164-1	75	50	75	67	21.65	cps
Erbium	164-2	30	17	23	23	28.56	cps
Gadolinium	160-1	50	25	50	42	34.64	cps
Gadolinium	160-2	37	67	63	56	29.59	cps
Holmium	165-1	7317804	7406181	7278915	7334300	0.89	cps
Holmium	165-2	3657415	3722103	3693971	3691163	0.88	cps
Indium	115-1	6655618	6751445	6907367	6771477	1.88	cps
Indium	115-2	1079391	1066831	1075085	1073769	0.59	cps
Iron	54-2	2072	2372	2189	2211	6.84	cps
Iron	56-2	35233	34938	35372	35181	0.63	cps
Iron	57-2	4273	4356	4729	4453	5.45	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-03	Instrumnet Name :	P8
Client Sample ID :	MH1E78	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:22:36	DataFile Name :	055AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1090	1067	1293	1150	10.84	cps
Lead	206-1	5168	5423	5279	5290	2.42	cps
Lead	207-1	4668	4573	4556	4599	1.30	cps
Lead	208-1	21135	21329	21074	21179	0.63	cps
Lithium	6-1	2738678	2735349	2745125	2739717	0.18	cps
Magnesium	24-2	4714731	4895332	4791633	4800565	1.89	cps
Manganese	55-2	11848	11902	11895	11882	0.24	cps
Molybdenum	94-1	2084	2117	2084	2095	0.92	cps
Molybdenum	95-1	2900	3042	3184	3042	4.66	cps
Molybdenum	96-1	3267	3317	3092	3225	3.66	cps
Molybdenum	97-1	2192	1892	2184	2089	8.18	cps
Molybdenum	98-1	5093	4509	4801	4801	6.08	cps
Neodymium	150-1	20	27	13	20	33.35	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	987	1017	1150	1051	8.27	cps
Phosphorus	31-2	158	125	125	136	14.14	cps
Potassium	39-2	252949	255954	253095	253999	0.67	cps
Rhodium	103-1	6499942	6396597	6465214	6453917	0.81	cps
Rhodium	103-2	3224612	3182990	3137955	3181852	1.36	cps
Scandium	45-1	5783648	5753460	5790455	5775854	0.34	cps
Scandium	45-2	198423	197490	193286	196400	1.39	cps
Selenium	82-1	100	120	-70	50	208.33	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	54	69	64	62	12.25	cps
Silicon	28-1	23419303	23715119	23826962	23653795	0.89	cps
Silver	107-1	308	342	342	331	5.82	cps
Silver	109-1	258	233	300	264	12.76	cps
Sodium	23-2	33214283	33727177	33508104	33483188	0.77	cps
Strontium	86-1	1265843	1304095	1230346	1266761	2.91	cps
Strontium	88-1	10507784	10545485	10672608	10575292	0.82	cps
Sulfur	34-1	2132597	2125344	2136294	2131412	0.26	cps
Terbium	159-1	7589471	7828366	7846372	7754736	1.85	cps
Terbium	159-2	3585496	3569474	3560130	3571700	0.36	cps
Thallium	203-1	925	742	933	867	12.50	cps
Thallium	205-1	2134	1875	1917	1975	7.02	cps
Tin	118-1	1542	1667	1542	1583	4.56	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-03	Instrumnet Name :	P8
Client Sample ID :	MH1E78	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:22:36	DataFile Name :	055AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	675	750	958	794	18.48	cps
Uranium	238-1	23689	24307	24850	24282	2.39	cps
Vanadium	51-2	187	200	167	184	9.10	cps
Ytterbium	172-1	17	33	33	28	34.63	cps
Ytterbium	172-2	6	11	6	7	43.24	cps
Ytterbium	176-1	708	758	817	761	7.12	cps
Ytterbium	176-2	3895	3817	3673	3795	2.97	cps
Yttrium	89-1	13177531	13331030	13391440	13300000	0.83	cps
Yttrium	89-2	1505698	1519409	1487514	1504207	1.06	cps
Zinc	66-2	311470	313169	308852	311164	0.70	cps
Zirconium	90-1	942	883	908	911	3.21	cps
Zirconium	91-1	267	217	225	236	11.35	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-04	Instrumnet Name :	P8
Client Sample ID :	MH1E80	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:25:34	DataFile Name :	056AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	364	384	354	367	4.16	cps
Antimony	121-1	57957	59782	61013	59584	2.58	cps
Arsenic	75-2	476	472	466	471	1.07	cps
Barium	135-1	51549	53599	54812	53320	3.09	cps
Barium	137-1	90402	91209	91435	91015	0.60	cps
Beryllium	9-1	86	78	92	85	8.23	cps
Bismuth	209-1	4189231	4072901	3799590	4020574	4.97	cps
Bismuth	209-2	2305436	2469186	2344177	2372933	3.61	cps
Boron	10-1	6380	6584	6886	6617	3.85	cps
Boron	11-1	31229	31952	33942	32375	4.34	cps
Bromine	81-1	26603	28017	30284	28301	6.56	cps
Cadmium	111-1	6242	5843	6084	6057	3.32	cps
Cadmium	106-1	3642	3317	3159	3373	7.31	cps
Cadmium	108-1	363	333	379	358	6.47	cps
Calcium	43-1	3147205	3152149	3124844	3141400	0.46	cps
Calcium	44-1	50336684	51200293	51512898	51016625	1.19	cps
Carbon	12-1	6914560	7441108	7698037	7351235	5.43	cps
Carbon	12-2	93925	94093	95645	94554	1.00	cps
Chlorine	35-1	5120989	5579720	5930345	5543684	7.32	cps
Chlorine	35-2	47930	49209	51902	49680	4.08	cps
Chromium	52-2	847	770	933	850	9.61	cps
Cobalt	59-2	1417	1233	1360	1337	7.02	cps
Copper	63-2	5511	5334	5064	5303	4.24	cps
Dysprosium	156-1	17	33	8	19	65.47	cps
Dysprosium	156-2	7	7	3	6	34.70	cps
Erbium	164-1	75	42	100	72	40.52	cps
Erbium	164-2	23	27	23	24	7.89	cps
Gadolinium	160-1	42	67	33	47	36.74	cps
Gadolinium	160-2	40	53	37	43	20.34	cps
Holmium	165-1	7382721	7186396	6809356	7126158	4.09	cps
Holmium	165-2	3654072	3613508	3581349	3616310	1.01	cps
Indium	115-1	6389857	6425619	5934027	6249834	4.39	cps
Indium	115-2	1066698	1058270	1065562	1063510	0.43	cps
Iron	54-2	17099	16582	16860	16847	1.54	cps
Iron	56-2	303651	301019	306395	303688	0.89	cps
Iron	57-2	11611	11010	11783	11468	3.54	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-04	Instrumnet Name :	P8
Client Sample ID :	MH1E80	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:25:34	DataFile Name :	056AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1037	1123	1117	1092	4.42	cps
Lead	206-1	14269	14024	14831	14375	2.88	cps
Lead	207-1	12401	12289	12095	12262	1.26	cps
Lead	208-1	57150	56349	57134	56878	0.81	cps
Lithium	6-1	2623315	2848573	2473918	2648602	7.12	cps
Magnesium	24-2	5554628	5662281	5748860	5655256	1.72	cps
Manganese	55-2	178306	174319	179061	177229	1.44	cps
Molybdenum	94-1	1658	1658	1608	1642	1.76	cps
Molybdenum	95-1	2150	2159	2775	2361	15.18	cps
Molybdenum	96-1	2892	2792	3050	2912	4.47	cps
Molybdenum	97-1	1458	1500	1567	1508	3.62	cps
Molybdenum	98-1	3942	3917	4067	3976	2.02	cps
Neodymium	150-1	13	53	20	29	74.20	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	997	1047	1120	1054	5.88	cps
Phosphorus	31-2	150	108	175	144	23.32	cps
Potassium	39-2	220477	213258	215436	216390	1.71	cps
Rhodium	103-1	6148162	6243565	5635340	6009022	5.44	cps
Rhodium	103-2	3218783	3157086	3132775	3169548	1.40	cps
Scandium	45-1	5785234	5624719	5243242	5551065	5.02	cps
Scandium	45-2	196380	198727	193981	196363	1.21	cps
Selenium	82-1	178	102	72	117	46.51	cps
Selenium	77-2	7	10	7	8	24.71	cps
Selenium	78-2	64	51	67	61	14.02	cps
Silicon	28-1	36792823	36466950	37380670	36880147	1.26	cps
Silver	107-1	275	292	292	286	3.36	cps
Silver	109-1	225	242	275	247	10.30	cps
Sodium	23-2	36277473	35523611	36081237	35960774	1.09	cps
Strontium	86-1	1523080	1544935	1537421	1535145	0.72	cps
Strontium	88-1	12530923	12913164	12824235	12756107	1.57	cps
Sulfur	34-1	2320577	2375570	2382049	2359399	1.43	cps
Terbium	159-1	7645174	7787949	7023593	7485572	5.43	cps
Terbium	159-2	3619146	3498450	3550641	3556079	1.70	cps
Thallium	203-1	542	608	658	603	9.71	cps
Thallium	205-1	1417	1583	1458	1486	5.84	cps
Tin	118-1	1967	1984	2100	2017	3.60	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-04	Instrumnet Name :	P8
Client Sample ID :	MH1E80	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:25:34	DataFile Name :	056AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	933	892	833	886	5.67	cps
Uranium	238-1	17771	18122	18339	18077	1.58	cps
Vanadium	51-2	213	260	200	224	14.04	cps
Ytterbium	172-1	50	17	25	31	56.77	cps
Ytterbium	172-2	11	28	6	15	78.05	cps
Ytterbium	176-1	708	633	592	644	9.17	cps
Ytterbium	176-2	3495	4384	3928	3936	11.30	cps
Yttrium	89-1	13110739	13182842	12267105	12853562	3.96	cps
Yttrium	89-2	1488405	1487732	1450452	1475530	1.47	cps
Zinc	66-2	258757	256647	254951	256785	0.74	cps
Zirconium	90-1	867	1050	942	953	9.67	cps
Zirconium	91-1	167	158	242	189	24.30	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-05	Instrumnet Name :	P8
Client Sample ID :	MH1E82	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:28:29	DataFile Name :	057AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	532	477	516	509	5.55	cps
Antimony	121-1	33008	33843	34552	33801	2.29	cps
Arsenic	75-2	803	787	756	782	3.06	cps
Barium	135-1	55306	56326	57691	56441	2.12	cps
Barium	137-1	97225	98702	97478	97802	0.81	cps
Beryllium	9-1	92	86	80	86	6.98	cps
Bismuth	209-1	4013271	4016535	4067175	4032327	0.75	cps
Bismuth	209-2	2375174	2366423	2378220	2373272	0.26	cps
Boron	10-1	6142	6412	6416	6323	2.48	cps
Boron	11-1	30716	31670	32982	31789	3.58	cps
Bromine	81-1	27495	28879	30936	29104	5.95	cps
Cadmium	111-1	3038	2869	2822	2910	3.91	cps
Cadmium	106-1	3242	2950	2925	3039	5.79	cps
Cadmium	108-1	104	83	79	89	15.07	cps
Calcium	43-1	3049132	3057400	3180166	3095566	2.37	cps
Calcium	44-1	49773085	49095498	51061541	49976708	2.00	cps
Carbon	12-1	6923841	7577455	7976880	7492725	7.09	cps
Carbon	12-2	92684	94839	96961	94828	2.26	cps
Chlorine	35-1	5439918	5892031	6177020	5836323	6.37	cps
Chlorine	35-2	48373	49736	52279	50129	3.95	cps
Chromium	52-2	6055	6305	5901	6087	3.35	cps
Cobalt	59-2	1080	1140	1017	1079	5.72	cps
Copper	63-2	5251	5451	5394	5366	1.92	cps
Dysprosium	156-1	17	8	25	17	50.01	cps
Dysprosium	156-2	7	7	3	6	34.70	cps
Erbium	164-1	42	50	50	47	10.18	cps
Erbium	164-2	27	23	23	24	7.89	cps
Gadolinium	160-1	25	42	83	50	60.09	cps
Gadolinium	160-2	53	53	60	56	6.93	cps
Holmium	165-1	7377765	7153313	7259073	7263384	1.55	cps
Holmium	165-2	3605159	3533545	3696778	3611828	2.27	cps
Indium	115-1	6340594	6528985	6672124	6513901	2.55	cps
Indium	115-2	1055367	1060458	1069267	1061697	0.66	cps
Iron	54-2	7452	6907	7041	7133	3.98	cps
Iron	56-2	126361	128790	123539	126230	2.08	cps
Iron	57-2	7074	7380	7057	7170	2.53	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-05	Instrumnet Name :	P8
Client Sample ID :	MH1E82	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:28:29	DataFile Name :	057AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1197	1140	1037	1125	7.22	cps
Lead	206-1	16266	16283	16794	16448	1.83	cps
Lead	207-1	14953	14414	14197	14521	2.68	cps
Lead	208-1	66897	66396	66852	66715	0.42	cps
Lithium	6-1	2601509	2734327	2749831	2695222	3.02	cps
Magnesium	24-2	5681898	5525873	5596323	5601365	1.39	cps
Manganese	55-2	209203	206001	207006	207404	0.79	cps
Molybdenum	94-1	825	1050	1050	975	13.32	cps
Molybdenum	95-1	1308	1317	1350	1325	1.66	cps
Molybdenum	96-1	1375	1325	1525	1408	7.39	cps
Molybdenum	97-1	550	725	825	700	19.88	cps
Molybdenum	98-1	1784	2075	1967	1942	7.59	cps
Neodymium	150-1	20	53	27	33	52.91	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	2820	2874	2834	2843	0.98	cps
Phosphorus	31-2	167	167	133	156	12.37	cps
Potassium	39-2	129471	128891	129814	129392	0.36	cps
Rhodium	103-1	6034017	6161957	6333542	6176505	2.43	cps
Rhodium	103-2	3190831	3125476	3143906	3153404	1.07	cps
Scandium	45-1	5657869	5397862	5847478	5634403	4.01	cps
Scandium	45-2	196830	196675	194725	196077	0.60	cps
Selenium	82-1	-64	-12	98	7	1157.11	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	55	55	51	54	4.30	cps
Silicon	28-1	38318795	40163436	39811912	39431381	2.48	cps
Silver	107-1	258	375	358	331	19.09	cps
Silver	109-1	283	317	342	314	9.32	cps
Sodium	23-2	36357904	37011531	36575835	36648423	0.91	cps
Strontium	86-1	1419125	1399152	1397419	1405232	0.86	cps
Strontium	88-1	12067199	11598429	11645252	11770293	2.19	cps
Sulfur	34-1	2210294	2221978	2176620	2202964	1.07	cps
Terbium	159-1	7267819	7597087	7876381	7580429	4.02	cps
Terbium	159-2	3571061	3600478	3548451	3573330	0.73	cps
Thallium	203-1	317	275	275	289	8.33	cps
Thallium	205-1	633	625	550	603	7.61	cps
Tin	118-1	2084	1892	2017	1997	4.87	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-05	Instrumnet Name :	P8
Client Sample ID :	MH1E82	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:28:29	DataFile Name :	057AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	975	717	1175	956	24.05	cps
Uranium	238-1	6227	5935	5952	6038	2.72	cps
Vanadium	51-2	133	137	103	124	14.75	cps
Ytterbium	172-1	75	75	17	56	60.62	cps
Ytterbium	172-2	28	17	28	24	26.64	cps
Ytterbium	176-1	742	575	783	700	15.75	cps
Ytterbium	176-2	4056	3967	3934	3986	1.59	cps
Yttrium	89-1	13079802	12774858	13034046	12962902	1.27	cps
Yttrium	89-2	1470651	1444682	1469297	1461543	1.00	cps
Zinc	66-2	62025	61440	61564	61676	0.50	cps
Zirconium	90-1	975	842	967	928	8.05	cps
Zirconium	91-1	258	183	125	189	35.39	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-06	Instrumnet Name :	P8
Client Sample ID :	MH1E84	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:31:27	DataFile Name :	058AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	300	289	291	293	2.01	cps
Antimony	121-1	59916	63205	63347	62156	3.12	cps
Arsenic	75-2	715	712	725	717	0.95	cps
Barium	135-1	48973	50604	49792	49790	1.64	cps
Barium	137-1	84691	84045	85765	84834	1.02	cps
Beryllium	9-1	88	62	72	74	17.72	cps
Bismuth	209-1	4126884	4048412	4119242	4098179	1.06	cps
Bismuth	209-2	2339485	2367890	2394113	2367163	1.15	cps
Boron	10-1	6326	6328	6492	6382	1.49	cps
Boron	11-1	29231	31598	31846	30892	4.67	cps
Bromine	81-1	27194	28609	30053	28619	4.99	cps
Cadmium	111-1	8739	8680	9262	8894	3.60	cps
Cadmium	106-1	3476	3792	3567	3612	4.51	cps
Cadmium	108-1	571	538	488	532	7.88	cps
Calcium	43-1	2963642	2963028	2899466	2942045	1.25	cps
Calcium	44-1	47595169	48931489	48286830	48271163	1.38	cps
Carbon	12-1	6922523	7347458	7758808	7342930	5.69	cps
Carbon	12-2	93238	93019	92551	92936	0.38	cps
Chlorine	35-1	5834207	6239013	6531096	6201439	5.64	cps
Chlorine	35-2	53691	54135	55800	54542	2.04	cps
Chromium	52-2	803	893	950	882	8.38	cps
Cobalt	59-2	533	533	493	520	4.44	cps
Copper	63-2	6392	6452	6695	6513	2.47	cps
Dysprosium	156-1	17	25	8	17	50.01	cps
Dysprosium	156-2	13	3	3	7	86.65	cps
Erbium	164-1	33	75	33	47	50.95	cps
Erbium	164-2	23	30	17	23	28.56	cps
Gadolinium	160-1	42	33	50	42	20.00	cps
Gadolinium	160-2	67	47	50	54	19.68	cps
Holmium	165-1	7414484	7337592	7402636	7384904	0.56	cps
Holmium	165-2	3573647	3597069	3489435	3553383	1.59	cps
Indium	115-1	6593829	6529766	6469428	6531008	0.95	cps
Indium	115-2	1054662	1060473	1063048	1059394	0.41	cps
Iron	54-2	2573	2367	2550	2497	4.52	cps
Iron	56-2	42982	42959	42959	42967	0.03	cps
Iron	57-2	4806	5051	5184	5014	3.82	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-06	Instrumnet Name :	P8
Client Sample ID :	MH1E84	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:31:27	DataFile Name :	058AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1403	1047	1080	1177	16.74	cps
Lead	206-1	9481	9648	9876	9669	2.05	cps
Lead	207-1	8347	8331	8003	8227	2.36	cps
Lead	208-1	37761	38290	38317	38123	0.82	cps
Lithium	6-1	2795529	2738584	2649232	2727782	2.70	cps
Magnesium	24-2	5312174	5288791	5299384	5300116	0.22	cps
Manganese	55-2	39214	38425	38585	38741	1.08	cps
Molybdenum	94-1	1967	2167	2175	2103	5.61	cps
Molybdenum	95-1	3009	2784	3159	2984	6.33	cps
Molybdenum	96-1	3659	3459	3592	3570	2.85	cps
Molybdenum	97-1	2050	1884	1942	1959	4.32	cps
Molybdenum	98-1	5168	5268	5001	5146	2.62	cps
Neodymium	150-1	7	0	27	11	124.89	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	1260	1293	1183	1246	4.53	cps
Phosphorus	31-2	125	200	158	161	23.33	cps
Potassium	39-2	262127	265225	260449	262601	0.92	cps
Rhodium	103-1	6392044	6291557	6265815	6316472	1.06	cps
Rhodium	103-2	3317797	3207302	3112804	3212634	3.19	cps
Scandium	45-1	5770792	5870116	5652536	5764481	1.89	cps
Scandium	45-2	194495	194725	196791	195337	0.65	cps
Selenium	82-1	-250	192	140	27	884.03	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	60	59	65	61	5.24	cps
Silicon	28-1	26533959	27100284	26676829	26770357	1.10	cps
Silver	107-1	400	400	325	375	11.55	cps
Silver	109-1	242	308	350	300	18.21	cps
Sodium	23-2	37323599	37252049	37153871	37243173	0.23	cps
Strontium	86-1	1340692	1435016	1404160	1393289	3.45	cps
Strontium	88-1	11254827	11930609	11994590	11726675	3.50	cps
Sulfur	34-1	2239436	2297720	2250824	2262660	1.37	cps
Terbium	159-1	7694059	7564865	7492154	7583693	1.35	cps
Terbium	159-2	3556973	3641154	3534090	3577406	1.58	cps
Thallium	203-1	983	1092	1050	1042	5.25	cps
Thallium	205-1	2192	2600	2600	2464	9.57	cps
Tin	118-1	1825	1700	1692	1739	4.30	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-06	Instrumnet Name :	P8
Client Sample ID :	MH1E84	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:31:27	DataFile Name :	058AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	733	775	767	758	2.91	cps
Uranium	238-1	26295	25978	26787	26353	1.55	cps
Vanadium	51-2	227	157	173	186	19.71	cps
Ytterbium	172-1	0	8	33	14	124.91	cps
Ytterbium	172-2	22	0	6	9	124.87	cps
Ytterbium	176-1	692	725	767	728	5.16	cps
Ytterbium	176-2	3639	4123	3873	3878	6.23	cps
Yttrium	89-1	13344468	13514135	13075740	13311447	1.66	cps
Yttrium	89-2	1501338	1507943	1482909	1497397	0.87	cps
Zinc	66-2	442472	447869	434310	441550	1.55	cps
Zirconium	90-1	908	717	975	867	15.47	cps
Zirconium	91-1	150	208	250	203	24.77	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-07	Instrumnet Name :	P8
Client Sample ID :	MH1E86	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:34:22	DataFile Name :	059AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	320	335	341	332	3.29	cps
Antimony	121-1	63775	66731	63087	64531	3.00	cps
Arsenic	75-2	773	807	767	782	2.76	cps
Barium	135-1	51223	50202	50629	50685	1.01	cps
Barium	137-1	92426	90270	89003	90566	1.91	cps
Beryllium	9-1	74	90	74	79	11.64	cps
Bismuth	209-1	4134330	4013408	4228613	4125450	2.61	cps
Bismuth	209-2	2320425	2255656	2431701	2335927	3.81	cps
Boron	10-1	6546	6622	6702	6624	1.18	cps
Boron	11-1	32095	33201	33457	32918	2.20	cps
Bromine	81-1	30013	31980	32070	31354	3.71	cps
Cadmium	111-1	8977	9504	9331	9271	2.90	cps
Cadmium	106-1	3884	3951	3617	3817	4.62	cps
Cadmium	108-1	550	554	588	564	3.64	cps
Calcium	43-1	3149146	3054844	3198211	3134067	2.32	cps
Calcium	44-1	50513173	51736787	50937428	51062463	1.22	cps
Carbon	12-1	7206573	7627960	8002243	7612259	5.23	cps
Carbon	12-2	94362	96366	97104	95944	1.48	cps
Chlorine	35-1	6031921	6412010	6900936	6448289	6.76	cps
Chlorine	35-2	54905	56444	58100	56483	2.83	cps
Chromium	52-2	1587	1573	1717	1626	4.87	cps
Cobalt	59-2	723	833	693	750	9.83	cps
Copper	63-2	6988	7038	6848	6958	1.42	cps
Dysprosium	156-1	42	17	25	28	45.82	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	75	67	67	69	6.93	cps
Erbium	164-2	27	23	33	28	18.33	cps
Gadolinium	160-1	33	50	25	36	35.25	cps
Gadolinium	160-2	53	43	73	57	26.96	cps
Holmium	165-1	7521744	7318618	7318943	7386435	1.59	cps
Holmium	165-2	3393733	3569601	3668055	3543797	3.92	cps
Indium	115-1	6760707	6570213	6810499	6713806	1.89	cps
Indium	115-2	1057232	1056166	1058180	1057193	0.10	cps
Iron	54-2	2250	2267	2278	2265	0.62	cps
Iron	56-2	37333	38168	36965	37489	1.64	cps
Iron	57-2	4762	4818	5418	4999	7.27	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-07	Instrumnet Name :	P8
Client Sample ID :	MH1E86	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:34:22	DataFile Name :	059AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1153	1007	1167	1109	8.01	cps
Lead	206-1	9276	9776	9309	9454	2.96	cps
Lead	207-1	8803	8531	8686	8673	1.58	cps
Lead	208-1	38595	39085	38412	38697	0.90	cps
Lithium	6-1	2769613	2711290	2816615	2765839	1.91	cps
Magnesium	24-2	5619405	5679777	5597177	5632120	0.76	cps
Manganese	55-2	39719	39715	39087	39507	0.92	cps
Molybdenum	94-1	2184	2109	2225	2172	2.72	cps
Molybdenum	95-1	3109	3442	3092	3214	6.14	cps
Molybdenum	96-1	3709	3426	3776	3637	5.11	cps
Molybdenum	97-1	1992	2117	1992	2034	3.55	cps
Molybdenum	98-1	5051	5309	5535	5298	4.57	cps
Neodymium	150-1	7	20	27	18	57.27	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	3794	3867	3681	3781	2.49	cps
Phosphorus	31-2	192	192	125	169	22.72	cps
Potassium	39-2	273880	272742	270331	272317	0.67	cps
Rhodium	103-1	6093015	6216436	6446044	6251832	2.87	cps
Rhodium	103-2	3069082	3091135	3211257	3123825	2.45	cps
Scandium	45-1	5719411	5779269	5776519	5758400	0.59	cps
Scandium	45-2	193046	195556	197316	195306	1.10	cps
Selenium	82-1	77	178	53	103	64.81	cps
Selenium	77-2	10	10	3	8	49.52	cps
Selenium	78-2	61	58	61	60	2.89	cps
Silicon	28-1	28604907	26663927	28717838	27995557	4.12	cps
Silver	107-1	317	375	325	339	9.31	cps
Silver	109-1	325	308	267	300	10.01	cps
Sodium	23-2	38743525	39800015	38142533	38895358	2.16	cps
Strontium	86-1	1497550	1454067	1454988	1468868	1.69	cps
Strontium	88-1	12099970	12190641	12206336	12165649	0.47	cps
Sulfur	34-1	2364050	2258239	2323225	2315172	2.30	cps
Terbium	159-1	7562000	7410304	7820388	7597564	2.73	cps
Terbium	159-2	3552320	3486443	3575952	3538238	1.31	cps
Thallium	203-1	975	1175	1200	1117	11.04	cps
Thallium	205-1	2550	2425	2667	2548	4.75	cps
Tin	118-1	1658	1708	1842	1736	5.46	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-07	Instrumnet Name :	P8
Client Sample ID :	MH1E86	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:34:22	DataFile Name :	059AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	725	708	592	675	10.76	cps
Uranium	238-1	27088	27673	27489	27417	1.09	cps
Vanadium	51-2	163	197	207	189	12.01	cps
Ytterbium	172-1	42	42	25	36	26.65	cps
Ytterbium	172-2	28	0	11	13	107.86	cps
Ytterbium	176-1	667	583	642	631	6.78	cps
Ytterbium	176-2	3223	3806	3984	3671	10.85	cps
Yttrium	89-1	13086101	12941811	13128370	13052094	0.75	cps
Yttrium	89-2	1455128	1476881	1482083	1471364	0.97	cps
Zinc	66-2	460148	460584	460144	460292	0.05	cps
Zirconium	90-1	808	1075	1050	978	15.06	cps
Zirconium	91-1	308	167	225	233	30.51	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-08	Instrumnet Name :	P8
Client Sample ID :	MH1E88	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:37:20	DataFile Name :	060AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	359	372	320	350	7.77	cps
Antimony	121-1	62234	60669	61129	61344	1.31	cps
Arsenic	75-2	754	791	778	774	2.42	cps
Barium	135-1	43521	47493	45444	45486	4.37	cps
Barium	137-1	77205	81866	78730	79267	3.00	cps
Beryllium	9-1	72	102	88	87	17.19	cps
Bismuth	209-1	4058126	3966090	4124069	4049428	1.96	cps
Bismuth	209-2	2108231	2306822	2273994	2229682	4.77	cps
Boron	10-1	6082	6298	6360	6247	2.34	cps
Boron	11-1	28656	30395	31359	30137	4.55	cps
Bromine	81-1	27054	31297	28689	29013	7.38	cps
Cadmium	111-1	7664	7707	8095	7822	3.03	cps
Cadmium	106-1	3551	3259	3492	3434	4.50	cps
Cadmium	108-1	479	471	496	482	2.64	cps
Calcium	43-1	2653234	2754772	2772551	2726852	2.36	cps
Calcium	44-1	42366758	45322755	45194577	44294697	3.77	cps
Carbon	12-1	7185586	7480576	8044021	7570061	5.76	cps
Carbon	12-2	95477	96274	97642	96464	1.14	cps
Chlorine	35-1	5930563	6341975	6677580	6316706	5.92	cps
Chlorine	35-2	51893	53877	53909	53226	2.17	cps
Chromium	52-2	917	857	883	886	3.39	cps
Cobalt	59-2	503	470	467	480	4.22	cps
Copper	63-2	6155	6355	5961	6157	3.20	cps
Dysprosium	156-1	33	8	17	19	65.47	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	83	50	25	53	55.46	cps
Erbium	164-2	23	33	37	31	22.31	cps
Gadolinium	160-1	67	50	25	47	44.41	cps
Gadolinium	160-2	27	33	30	30	11.10	cps
Holmium	165-1	7264445	7087763	6859766	7070658	2.87	cps
Holmium	165-2	3206357	3555157	3530460	3430658	5.67	cps
Indium	115-1	6559239	6419509	6551385	6510044	1.21	cps
Indium	115-2	940763	1017651	1025801	994738	4.72	cps
Iron	54-2	2639	2595	2828	2687	4.61	cps
Iron	56-2	43405	43349	42809	43188	0.76	cps
Iron	57-2	4473	4856	4684	4671	4.11	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-08	Instrumnet Name :	P8
Client Sample ID :	MH1E88	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:37:20	DataFile Name :	060AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1240	993	1187	1140	11.39	cps
Lead	206-1	16461	16755	16461	16559	1.03	cps
Lead	207-1	14720	14380	14442	14514	1.25	cps
Lead	208-1	66066	67197	67064	66776	0.93	cps
Lithium	6-1	2702578	2632267	2726210	2687018	1.82	cps
Magnesium	24-2	4948386	5109620	4963485	5007164	1.78	cps
Manganese	55-2	34034	33573	33533	33713	0.83	cps
Molybdenum	94-1	2034	2125	2084	2081	2.21	cps
Molybdenum	95-1	3234	3225	3209	3223	0.40	cps
Molybdenum	96-1	3551	3401	3317	3423	3.46	cps
Molybdenum	97-1	2025	1942	1900	1956	3.26	cps
Molybdenum	98-1	5068	5118	5093	5093	0.49	cps
Neodymium	150-1	20	13	27	20	33.35	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	1083	1113	1047	1081	3.09	cps
Phosphorus	31-2	75	158	158	131	36.85	cps
Potassium	39-2	254505	243258	253648	250470	2.50	cps
Rhodium	103-1	6249521	5991193	6123481	6121398	2.11	cps
Rhodium	103-2	2844748	3027163	3007822	2959911	3.39	cps
Scandium	45-1	5449720	5536693	5756575	5580996	2.83	cps
Scandium	45-2	176934	189981	192216	186377	4.43	cps
Selenium	82-1	-18	221	52	85	144.25	cps
Selenium	77-2	0	10	7	6	91.64	cps
Selenium	78-2	67	66	47	60	18.79	cps
Silicon	28-1	26660660	25638184	26252582	26183809	1.97	cps
Silver	107-1	483	367	442	431	13.73	cps
Silver	109-1	200	267	308	258	21.15	cps
Sodium	23-2	35070343	34015385	34771709	34619146	1.57	cps
Strontium	86-1	1319355	1309004	1334661	1321006	0.98	cps
Strontium	88-1	10799403	11267778	11030722	11032634	2.12	cps
Sulfur	34-1	2161463	2151929	2236706	2183366	2.13	cps
Terbium	159-1	7336070	7614874	7467349	7472764	1.87	cps
Terbium	159-2	3251292	3472172	3395820	3373095	3.33	cps
Thallium	203-1	883	1000	1158	1014	13.61	cps
Thallium	205-1	2117	2500	2350	2323	8.32	cps
Tin	118-1	1775	1525	1742	1681	8.08	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-08	Instrumnet Name :	P8
Client Sample ID :	MH1E88	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:37:20	DataFile Name :	060AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	617	592	667	625	6.11	cps
Uranium	238-1	24975	26353	25677	25668	2.68	cps
Vanadium	51-2	173	183	130	162	17.48	cps
Ytterbium	172-1	17	25	17	19	24.73	cps
Ytterbium	172-2	0	0	6	2	173.21	cps
Ytterbium	176-1	783	717	875	792	10.04	cps
Ytterbium	176-2	3017	3667	3745	3476	11.50	cps
Yttrium	89-1	12903605	13657257	12980364	13180409	3.15	cps
Yttrium	89-2	1324428	1426678	1414256	1388454	4.02	cps
Zinc	66-2	367527	364079	364760	365455	0.50	cps
Zirconium	90-1	817	817	867	833	3.46	cps
Zirconium	91-1	150	175	233	186	22.98	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-09	Instrumnet Name :	P8
Client Sample ID :	MH1E90	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:40:16	DataFile Name :	061AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1445	1330	1407	1394	4.21	cps
Antimony	121-1	119842	117588	117648	118359	1.09	cps
Arsenic	75-2	1585	1631	1604	1607	1.44	cps
Barium	135-1	31412	32155	32865	32144	2.26	cps
Barium	137-1	56293	57675	56812	56926	1.23	cps
Beryllium	9-1	70	82	72	75	8.60	cps
Bismuth	209-1	3878706	4064028	4076908	4006547	2.77	cps
Bismuth	209-2	2403390	2395269	2391884	2396847	0.25	cps
Boron	10-1	5186	5252	5688	5375	5.08	cps
Boron	11-1	24832	25908	26701	25814	3.63	cps
Bromine	81-1	28077	28207	30635	28973	4.97	cps
Cadmium	111-1	20629	21665	21610	21301	2.74	cps
Cadmium	106-1	4459	4909	5143	4837	7.18	cps
Cadmium	108-1	1346	1425	1254	1342	6.37	cps
Calcium	43-1	3005737	2852203	2964676	2940872	2.70	cps
Calcium	44-1	47512770	45625672	47717168	46951870	2.46	cps
Carbon	12-1	7046880	7759972	7973537	7593463	6.39	cps
Carbon	12-2	95025	93372	95947	94781	1.38	cps
Chlorine	35-1	6274672	6583020	7111837	6656510	6.36	cps
Chlorine	35-2	58477	59155	61004	59545	2.20	cps
Chromium	52-2	1953	2217	2187	2119	6.80	cps
Cobalt	59-2	1003	1027	1113	1048	5.53	cps
Copper	63-2	20932	20675	20201	20603	1.80	cps
Dysprosium	156-1	50	58	117	75	48.43	cps
Dysprosium	156-2	27	13	37	26	45.82	cps
Erbium	164-1	25	125	58	69	73.32	cps
Erbium	164-2	30	57	60	49	33.63	cps
Gadolinium	160-1	75	83	42	67	33.07	cps
Gadolinium	160-2	77	97	97	90	12.83	cps
Holmium	165-1	6871650	7369897	7286458	7176002	3.72	cps
Holmium	165-2	3693103	3627455	3639258	3653272	0.96	cps
Indium	115-1	6432604	6807355	6522888	6587616	2.97	cps
Indium	115-2	1086407	1069511	1087219	1081046	0.92	cps
Iron	54-2	11171	10815	11277	11088	2.18	cps
Iron	56-2	197051	194323	192289	194554	1.23	cps
Iron	57-2	8542	8858	9287	8896	4.20	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-09	Instrumnet Name :	P8
Client Sample ID :	MH1E90	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:40:16	DataFile Name :	061AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1227	1020	1087	1111	9.49	cps
Lead	206-1	180762	182003	191605	184790	3.21	cps
Lead	207-1	160507	164222	165441	163390	1.57	cps
Lead	208-1	729886	737893	759413	742397	2.06	cps
Lithium	6-1	2549373	2700063	2672842	2640760	3.04	cps
Magnesium	24-2	5607707	5311182	5361262	5426717	2.92	cps
Manganese	55-2	144998	144800	142667	144155	0.90	cps
Molybdenum	94-1	1683	1967	1750	1800	8.23	cps
Molybdenum	95-1	2367	2634	2475	2492	5.38	cps
Molybdenum	96-1	3050	2950	3034	3012	1.78	cps
Molybdenum	97-1	1692	1884	1667	1747	6.78	cps
Molybdenum	98-1	4426	4001	4317	4248	5.20	cps
Neodymium	150-1	93	80	93	89	8.66	cps
Neodymium	150-2	20	17	30	22	31.22	cps
Nickel	60-2	1177	1253	1137	1189	4.99	cps
Phosphorus	31-2	158	275	283	239	29.25	cps
Potassium	39-2	269937	267400	264116	267151	1.09	cps
Rhodium	103-1	6081445	6122129	6211884	6138486	1.09	cps
Rhodium	103-2	3177494	3135102	3175254	3162617	0.75	cps
Scandium	45-1	5425721	5625126	5673700	5574849	2.36	cps
Scandium	45-2	199854	199821	202054	200576	0.64	cps
Selenium	82-1	14	161	140	105	76.01	cps
Selenium	77-2	3	7	3	4	43.40	cps
Selenium	78-2	65	69	65	66	3.48	cps
Silicon	28-1	25028508	26664405	26328546	26007153	3.32	cps
Silver	107-1	1058	1308	1067	1145	12.41	cps
Silver	109-1	1317	1125	1133	1192	9.09	cps
Sodium	23-2	38253715	37471074	37559683	37761491	1.13	cps
Strontium	86-1	1356367	1386400	1351644	1364804	1.38	cps
Strontium	88-1	11396873	11368967	11326598	11364146	0.31	cps
Sulfur	34-1	2296345	2436054	2335377	2355925	3.06	cps
Terbium	159-1	7689653	7394311	7307928	7463964	2.68	cps
Terbium	159-2	3621573	3498414	3681666	3600551	2.59	cps
Thallium	203-1	1767	1667	1834	1756	4.78	cps
Thallium	205-1	4351	4184	4192	4242	2.21	cps
Tin	118-1	1617	2084	1558	1753	16.42	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-09	Instrumnet Name :	P8
Client Sample ID :	MH1E90	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:40:16	DataFile Name :	061AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1233	1317	1317	1289	3.73	cps
Uranium	238-1	29752	31373	31139	30755	2.85	cps
Vanadium	51-2	230	283	207	240	16.37	cps
Ytterbium	172-1	50	17	17	28	69.27	cps
Ytterbium	172-2	17	17	33	22	43.28	cps
Ytterbium	176-1	750	700	742	731	3.67	cps
Ytterbium	176-2	3673	3523	4173	3790	8.98	cps
Yttrium	89-1	12781239	13163057	12901451	12948582	1.51	cps
Yttrium	89-2	1515036	1492828	1556323	1521395	2.12	cps
Zinc	66-2	595950	589178	603027	596052	1.16	cps
Zirconium	90-1	992	1158	1192	1114	9.62	cps
Zirconium	91-1	217	175	225	206	13.03	cps

LB Number : LB117894 Operator : Jaswal
 Lab Sample ID : M5048-10 Instrumnet Name : P8
 Client Sample ID : MH1E92 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-19 15:43:13 DataFile Name : 062AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	472	446	470	463	3.13	cps
Antimony	121-1	61666	61782	61808	61752	0.12	cps
Arsenic	75-2	797	726	728	750	5.39	cps
Barium	135-1	46305	45469	46656	46143	1.32	cps
Barium	137-1	79401	78939	80733	79691	1.17	cps
Beryllium	9-1	74	66	72	71	5.89	cps
Bismuth	209-1	4112460	4167751	4023512	4101241	1.77	cps
Bismuth	209-2	2348246	2382373	2451404	2394007	2.20	cps
Boron	10-1	5734	5810	6150	5898	3.76	cps
Boron	11-1	26048	27761	28602	27470	4.74	cps
Bromine	81-1	24727	27154	28177	26686	6.64	cps
Cadmium	111-1	7895	7742	7927	7854	1.26	cps
Cadmium	106-1	3676	3442	3726	3614	4.19	cps
Cadmium	108-1	471	438	475	461	4.46	cps
Calcium	43-1	2825331	2829507	2783585	2812807	0.90	cps
Calcium	44-1	45711075	44890970	44112524	44904856	1.78	cps
Carbon	12-1	7125661	7500439	7856835	7494312	4.88	cps
Carbon	12-2	91879	95503	93909	93763	1.94	cps
Chlorine	35-1	6938173	7369274	7477932	7261793	3.93	cps
Chlorine	35-2	59983	61222	61967	61057	1.64	cps
Chromium	52-2	1107	980	1027	1038	6.17	cps
Cobalt	59-2	600	630	530	587	8.75	cps
Copper	63-2	7042	6475	6848	6788	4.25	cps
Dysprosium	156-1	17	0	33	17	99.99	cps
Dysprosium	156-2	0	0	20	7	173.21	cps
Erbium	164-1	58	67	100	75	29.40	cps
Erbium	164-2	23	40	33	32	26.04	cps
Gadolinium	160-1	67	33	50	50	33.34	cps
Gadolinium	160-2	57	60	60	59	3.26	cps
Holmium	165-1	7212895	7361938	7212153	7262329	1.19	cps
Holmium	165-2	3651819	3618551	3734017	3668129	1.62	cps
Indium	115-1	6618690	6551421	6615486	6595199	0.58	cps
Indium	115-2	1074770	1085458	1080900	1080376	0.50	cps
Iron	54-2	3100	3195	3112	3136	1.65	cps
Iron	56-2	53294	51537	51337	52056	2.07	cps
Iron	57-2	4979	5218	5057	5084	2.40	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-10	Instrumnet Name :	P8
Client Sample ID :	MH1E92	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:43:13	DataFile Name :	062AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1153	1100	1197	1150	4.21	cps
Lead	206-1	16400	16666	16060	16375	1.86	cps
Lead	207-1	14559	14825	14681	14688	0.91	cps
Lead	208-1	64881	67364	65087	65777	2.10	cps
Lithium	6-1	2704456	2691466	2780025	2725316	1.75	cps
Magnesium	24-2	5145705	5001390	5206015	5117704	2.05	cps
Manganese	55-2	34582	34823	35023	34809	0.63	cps
Molybdenum	94-1	2017	2059	2209	2095	4.81	cps
Molybdenum	95-1	3225	3309	3159	3231	2.33	cps
Molybdenum	96-1	3184	3501	3309	3331	4.79	cps
Molybdenum	97-1	1925	1783	1934	1881	4.48	cps
Molybdenum	98-1	4709	4668	4584	4654	1.37	cps
Neodymium	150-1	13	7	27	16	65.47	cps
Neodymium	150-2	7	7	7	7	0.00	cps
Nickel	60-2	1117	1097	1193	1136	4.49	cps
Phosphorus	31-2	133	125	167	142	15.56	cps
Potassium	39-2	255238	259744	255913	256965	0.95	cps
Rhodium	103-1	6154443	6133220	6458590	6248751	2.91	cps
Rhodium	103-2	3055062	3176269	3229775	3153702	2.84	cps
Scandium	45-1	5585113	5496681	5429791	5503862	1.42	cps
Scandium	45-2	199688	201006	203611	201435	0.99	cps
Selenium	82-1	80	92	22	65	58.15	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	64	56	62	61	6.86	cps
Silicon	28-1	26671995	25776330	26556596	26334974	1.85	cps
Silver	107-1	367	433	392	397	8.48	cps
Silver	109-1	367	408	392	389	5.39	cps
Sodium	23-2	36044802	35708032	35294125	35682320	1.05	cps
Strontium	86-1	1322495	1332316	1343281	1332697	0.78	cps
Strontium	88-1	11296193	11180624	11189236	11222018	0.57	cps
Sulfur	34-1	2237593	2169296	2188242	2198377	1.60	cps
Terbium	159-1	7682128	7533387	7461166	7558893	1.49	cps
Terbium	159-2	3552922	3517940	3605898	3558920	1.24	cps
Thallium	203-1	933	925	1058	972	7.68	cps
Thallium	205-1	2300	2259	2309	2289	1.17	cps
Tin	118-1	1909	1742	1800	1817	4.66	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-10	Instrumnet Name :	P8
Client Sample ID :	MH1E92	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:43:13	DataFile Name :	062AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	808	775	750	778	3.76	cps
Uranium	238-1	26111	24307	25343	25254	3.58	cps
Vanadium	51-2	217	190	193	200	7.26	cps
Ytterbium	172-1	25	42	17	28	45.82	cps
Ytterbium	172-2	11	11	28	17	57.75	cps
Ytterbium	176-1	717	675	875	756	13.97	cps
Ytterbium	176-2	3873	3867	4006	3915	2.01	cps
Yttrium	89-1	13397344	13023372	12915052	13111923	1.93	cps
Yttrium	89-2	1496840	1558806	1531220	1528955	2.03	cps
Zinc	66-2	375771	376479	372586	374945	0.55	cps
Zirconium	90-1	1067	883	1025	992	9.69	cps
Zirconium	91-1	183	208	117	169	27.97	cps

LB Number : LB117894 Operator : Jaswal
 Lab Sample ID : M5048-11 Instrumnet Name : P8
 Client Sample ID : MH1E94 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-19 15:46:09 DataFile Name : 063AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	526	507	527	520	2.15	cps
Antimony	121-1	63615	62594	64185	63465	1.27	cps
Arsenic	75-2	837	823	810	823	1.64	cps
Barium	135-1	47333	46932	47359	47208	0.51	cps
Barium	137-1	82101	81731	81797	81877	0.24	cps
Beryllium	9-1	62	84	58	68	20.58	cps
Bismuth	209-1	4187550	3968357	3974397	4043435	3.09	cps
Bismuth	209-2	2426339	2439350	2406072	2423920	0.69	cps
Boron	10-1	5638	5930	5936	5835	2.92	cps
Boron	11-1	27262	28654	29955	28624	4.70	cps
Bromine	81-1	27335	29141	30033	28836	4.77	cps
Cadmium	111-1	7936	7949	7745	7876	1.45	cps
Cadmium	106-1	3784	3834	3492	3703	4.98	cps
Cadmium	108-1	467	504	496	489	4.03	cps
Calcium	43-1	2888991	2908795	2800861	2866216	2.00	cps
Calcium	44-1	47310445	48315189	46037769	47221135	2.42	cps
Carbon	12-1	7010130	7512869	7797650	7440216	5.36	cps
Carbon	12-2	93615	95906	99697	96406	3.19	cps
Chlorine	35-1	6801501	7214106	7450020	7155209	4.59	cps
Chlorine	35-2	59356	60276	61614	60416	1.88	cps
Chromium	52-2	1383	1420	1417	1407	1.44	cps
Cobalt	59-2	477	463	653	531	19.97	cps
Copper	63-2	6925	7372	7242	7180	3.20	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	7	3	10	7	50.03	cps
Erbium	164-1	50	25	17	31	56.77	cps
Erbium	164-2	23	43	23	30	38.49	cps
Gadolinium	160-1	58	25	25	36	53.29	cps
Gadolinium	160-2	43	57	63	54	18.71	cps
Holmium	165-1	7115781	7379375	7399091	7298082	2.17	cps
Holmium	165-2	3693694	3735181	3737545	3722140	0.66	cps
Indium	115-1	6600878	6636800	6383573	6540417	2.09	cps
Indium	115-2	1087570	1082962	1093453	1087995	0.48	cps
Iron	54-2	4062	4123	4067	4084	0.83	cps
Iron	56-2	69190	67387	66712	67763	1.89	cps
Iron	57-2	5323	5462	5640	5475	2.90	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-11	Instrumnet Name :	P8
Client Sample ID :	MH1E94	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:46:09	DataFile Name :	063AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1090	1237	1113	1147	6.87	cps
Lead	206-1	22904	23138	23310	23117	0.88	cps
Lead	207-1	19866	20427	21034	20442	2.86	cps
Lead	208-1	93045	94549	96097	94564	1.61	cps
Lithium	6-1	2726063	2771021	2710549	2735878	1.15	cps
Magnesium	24-2	5246882	5375608	5335118	5319203	1.24	cps
Manganese	55-2	38375	38422	38332	38376	0.12	cps
Molybdenum	94-1	2142	2234	1809	2061	10.85	cps
Molybdenum	95-1	2809	3042	3150	3000	5.82	cps
Molybdenum	96-1	3534	3192	3225	3317	5.68	cps
Molybdenum	97-1	1859	1817	1767	1814	2.53	cps
Molybdenum	98-1	4634	5059	5009	4901	4.74	cps
Neodymium	150-1	20	7	20	16	49.47	cps
Neodymium	150-2	7	10	3	7	50.03	cps
Nickel	60-2	1460	1350	1373	1395	4.16	cps
Phosphorus	31-2	150	242	150	181	29.32	cps
Potassium	39-2	261289	261011	263362	261887	0.49	cps
Rhodium	103-1	6344514	6235846	6154050	6244803	1.53	cps
Rhodium	103-2	3266443	3144782	3125914	3179046	2.40	cps
Scandium	45-1	5773670	5875576	5640761	5763335	2.04	cps
Scandium	45-2	202969	200565	204399	202644	0.96	cps
Selenium	82-1	114	2	127	81	84.60	cps
Selenium	77-2	10	10	0	7	86.60	cps
Selenium	78-2	59	58	48	55	11.06	cps
Silicon	28-1	25990251	26901384	26174952	26355529	1.83	cps
Silver	107-1	467	467	467	467	0.00	cps
Silver	109-1	375	325	383	361	8.74	cps
Sodium	23-2	36262496	36595508	37489619	36782541	1.73	cps
Strontium	86-1	1356521	1372613	1356092	1361742	0.69	cps
Strontium	88-1	11319202	11668786	11555009	11514332	1.55	cps
Sulfur	34-1	2263037	2237552	2175102	2225230	2.03	cps
Terbium	159-1	7555309	7523324	7490323	7522985	0.43	cps
Terbium	159-2	3617577	3607869	3640132	3621859	0.46	cps
Thallium	203-1	967	1217	1150	1111	11.65	cps
Thallium	205-1	2259	2342	2325	2309	1.91	cps
Tin	118-1	1708	1808	1842	1786	3.88	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-11	Instrumnet Name :	P8
Client Sample ID :	MH1E94	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:46:09	DataFile Name :	063AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	708	983	833	842	16.36	cps
Uranium	238-1	26228	25318	25393	25646	1.97	cps
Vanadium	51-2	187	167	247	200	20.82	cps
Ytterbium	172-1	92	0	33	42	111.36	cps
Ytterbium	172-2	11	6	17	11	49.99	cps
Ytterbium	176-1	592	775	692	686	13.38	cps
Ytterbium	176-2	3734	3856	4184	3925	5.93	cps
Yttrium	89-1	13310833	13154916	13318843	13261530	0.70	cps
Yttrium	89-2	1546158	1503480	1551662	1533767	1.72	cps
Zinc	66-2	387048	378198	384506	383251	1.19	cps
Zirconium	90-1	1067	925	1050	1014	7.64	cps
Zirconium	91-1	217	183	167	189	13.48	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-12	Instrumnet Name :	P8
Client Sample ID :	MH1E96	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:49:07	DataFile Name :	064AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	822	767	800	797	3.47	cps
Antimony	121-1	63222	63833	62376	63144	1.16	cps
Arsenic	75-2	858	829	846	844	1.73	cps
Barium	135-1	47409	47049	48337	47598	1.40	cps
Barium	137-1	82092	83962	84490	83515	1.51	cps
Beryllium	9-1	80	58	70	69	15.88	cps
Bismuth	209-1	4083807	4118597	3956064	4052823	2.11	cps
Bismuth	209-2	2438699	2461755	2460803	2453752	0.53	cps
Boron	10-1	5786	6140	6318	6081	4.45	cps
Boron	11-1	26909	28518	30017	28481	5.46	cps
Bromine	81-1	29221	30756	31518	30498	3.84	cps
Cadmium	111-1	7726	8010	8195	7977	2.96	cps
Cadmium	106-1	3234	3351	3551	3378	4.74	cps
Cadmium	108-1	413	488	542	481	13.50	cps
Calcium	43-1	2806364	2873543	2872510	2850806	1.35	cps
Calcium	44-1	46650429	46495613	46707303	46617782	0.24	cps
Carbon	12-1	7164965	7787661	7952469	7635032	5.44	cps
Carbon	12-2	96408	93189	97641	95746	2.40	cps
Chlorine	35-1	6276404	6632583	6996549	6635178	5.43	cps
Chlorine	35-2	56796	57833	59724	58118	2.55	cps
Chromium	52-2	967	937	987	963	2.61	cps
Cobalt	59-2	640	647	523	603	11.50	cps
Copper	63-2	7762	7756	7816	7778	0.42	cps
Dysprosium	156-1	0	50	25	25	100.00	cps
Dysprosium	156-2	10	13	7	10	33.30	cps
Erbium	164-1	67	83	83	78	12.37	cps
Erbium	164-2	27	27	27	27	0.00	cps
Gadolinium	160-1	100	58	92	83	26.46	cps
Gadolinium	160-2	37	53	47	46	18.41	cps
Holmium	165-1	7300187	7551047	7189797	7347010	2.52	cps
Holmium	165-2	3641031	3675056	3724079	3680055	1.13	cps
Indium	115-1	6396457	6630163	6900084	6642234	3.79	cps
Indium	115-2	1094457	1089991	1089665	1091371	0.25	cps
Iron	54-2	5151	5229	4779	5053	4.76	cps
Iron	56-2	85388	84730	82615	84245	1.72	cps
Iron	57-2	6007	5757	5757	5840	2.47	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-12	Instrumnet Name :	P8
Client Sample ID :	MH1E96	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:49:07	DataFile Name :	064AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1077	1130	1227	1145	6.64	cps
Lead	206-1	31817	31333	31678	31609	0.79	cps
Lead	207-1	27647	27223	26861	27244	1.44	cps
Lead	208-1	125867	125323	126591	125927	0.51	cps
Lithium	6-1	2714712	2731343	2827498	2757851	2.21	cps
Magnesium	24-2	5284686	5051884	5205864	5180812	2.29	cps
Manganese	55-2	40828	39762	40517	40369	1.36	cps
Molybdenum	94-1	2417	2234	2234	2295	4.61	cps
Molybdenum	95-1	3150	3334	3109	3198	3.74	cps
Molybdenum	96-1	3451	3501	3676	3542	3.34	cps
Molybdenum	97-1	2059	1884	2092	2011	5.56	cps
Molybdenum	98-1	5376	5026	5343	5248	3.68	cps
Neodymium	150-1	60	53	27	47	37.79	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	1293	1107	1090	1163	9.70	cps
Phosphorus	31-2	125	208	158	164	25.59	cps
Potassium	39-2	264097	257825	254249	258723	1.93	cps
Rhodium	103-1	6398633	6528336	6415167	6447379	1.09	cps
Rhodium	103-2	3181135	3235533	3255032	3223900	1.19	cps
Scandium	45-1	5690640	5805907	5659188	5718579	1.35	cps
Scandium	45-2	202285	204133	199152	201856	1.25	cps
Selenium	82-1	109	82	-53	46	188.34	cps
Selenium	77-2	7	0	7	4	86.60	cps
Selenium	78-2	64	67	65	65	2.34	cps
Silicon	28-1	26280283	26711481	26143306	26378357	1.12	cps
Silver	107-1	400	367	467	411	12.39	cps
Silver	109-1	392	567	417	458	20.65	cps
Sodium	23-2	36726317	35894795	35583892	36068335	1.64	cps
Strontium	86-1	1363001	1375814	1406147	1381654	1.60	cps
Strontium	88-1	11523191	11574024	11507364	11534860	0.30	cps
Sulfur	34-1	2218351	2176386	2189597	2194778	0.98	cps
Terbium	159-1	7636670	7771339	7756797	7721602	0.96	cps
Terbium	159-2	3701812	3641464	3594164	3645813	1.48	cps
Thallium	203-1	867	867	925	886	3.80	cps
Thallium	205-1	2109	2450	2400	2320	7.96	cps
Tin	118-1	1784	2025	1683	1831	9.60	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-12	Instrumnet Name :	P8
Client Sample ID :	MH1E96	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:49:07	DataFile Name :	064AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1017	925	1083	1008	7.89	cps
Uranium	238-1	24800	24165	25434	24800	2.56	cps
Vanadium	51-2	260	227	233	240	7.35	cps
Ytterbium	172-1	33	33	33	33	0.00	cps
Ytterbium	172-2	22	6	33	20	68.62	cps
Ytterbium	176-1	800	633	742	725	11.67	cps
Ytterbium	176-2	3645	3990	3662	3765	5.16	cps
Yttrium	89-1	13209618	13287133	13399170	13298640	0.72	cps
Yttrium	89-2	1515813	1547854	1528655	1530774	1.05	cps
Zinc	66-2	387360	386880	384188	386143	0.44	cps
Zirconium	90-1	992	1017	1033	1014	2.07	cps
Zirconium	91-1	225	217	317	253	21.95	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-13	Instrumnet Name :	P8
Client Sample ID :	MH1E98	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:52:03	DataFile Name :	065AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1354	1394	1356	1368	1.64	cps
Antimony	121-1	63800	65223	64913	64645	1.16	cps
Arsenic	75-2	822	882	852	852	3.52	cps
Barium	135-1	47685	47275	49559	48173	2.53	cps
Barium	137-1	85329	81195	82748	83091	2.51	cps
Beryllium	9-1	74	78	66	73	8.41	cps
Bismuth	209-1	3997772	4145373	3954735	4032626	2.48	cps
Bismuth	209-2	2452846	2426630	2377292	2418922	1.59	cps
Boron	10-1	5638	6064	6110	5937	4.38	cps
Boron	11-1	28165	29362	30055	29194	3.27	cps
Bromine	81-1	27094	27876	28499	27823	2.53	cps
Cadmium	111-1	8487	8538	8331	8452	1.27	cps
Cadmium	106-1	3509	3634	3434	3526	2.87	cps
Cadmium	108-1	542	600	558	567	5.30	cps
Calcium	43-1	2811699	2845499	2929452	2862217	2.12	cps
Calcium	44-1	45694716	46735931	46915043	46448563	1.42	cps
Carbon	12-1	6885894	7572216	7829024	7429045	6.56	cps
Carbon	12-2	94285	95586	95603	95158	0.79	cps
Chlorine	35-1	5979613	6268964	6812943	6353840	6.66	cps
Chlorine	35-2	52738	54236	54846	53940	2.01	cps
Chromium	52-2	1050	1103	1080	1078	2.48	cps
Cobalt	59-2	577	563	747	629	16.25	cps
Copper	63-2	9103	8893	8840	8945	1.56	cps
Dysprosium	156-1	50	42	33	42	20.00	cps
Dysprosium	156-2	20	3	23	16	68.90	cps
Erbium	164-1	67	67	33	56	34.65	cps
Erbium	164-2	20	37	30	29	29.04	cps
Gadolinium	160-1	50	67	108	75	40.06	cps
Gadolinium	160-2	87	47	57	63	32.87	cps
Holmium	165-1	7141864	7151831	7186613	7160103	0.33	cps
Holmium	165-2	3720071	3625921	3616298	3654097	1.57	cps
Indium	115-1	6543443	6823413	6539474	6635444	2.45	cps
Indium	115-2	1073195	1081781	1081189	1078722	0.44	cps
Iron	54-2	5985	6663	6679	6442	6.15	cps
Iron	56-2	109971	112654	109720	110782	1.47	cps
Iron	57-2	5874	6646	6452	6324	6.35	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-13	Instrumnet Name :	P8
Client Sample ID :	MH1E98	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:52:03	DataFile Name :	065AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1197	1090	1130	1139	4.73	cps
Lead	206-1	47905	48876	48792	48524	1.11	cps
Lead	207-1	41533	43523	43501	42853	2.67	cps
Lead	208-1	193649	197187	197272	196036	1.05	cps
Lithium	6-1	2769081	2684204	2644964	2699416	2.35	cps
Magnesium	24-2	5090455	5111215	5234770	5145480	1.52	cps
Manganese	55-2	45366	46071	45907	45781	0.81	cps
Molybdenum	94-1	2192	2092	2192	2159	2.68	cps
Molybdenum	95-1	2834	3501	3200	3178	10.51	cps
Molybdenum	96-1	3142	3250	3267	3220	2.11	cps
Molybdenum	97-1	1884	1750	2017	1884	7.08	cps
Molybdenum	98-1	4676	4976	4743	4798	3.28	cps
Neodymium	150-1	47	20	27	31	44.61	cps
Neodymium	150-2	7	7	10	8	24.71	cps
Nickel	60-2	1297	1313	1127	1246	8.29	cps
Phosphorus	31-2	142	117	133	131	9.75	cps
Potassium	39-2	259359	263326	271202	264629	2.28	cps
Rhodium	103-1	6279833	6470999	6104842	6285225	2.91	cps
Rhodium	103-2	3186788	3297966	3205464	3230073	1.84	cps
Scandium	45-1	5612986	5813388	5687384	5704586	1.78	cps
Scandium	45-2	201608	199183	199686	200159	0.64	cps
Selenium	82-1	11	131	150	97	77.75	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	58	54	71	61	14.57	cps
Silicon	28-1	25915695	26642587	26866013	26474765	1.88	cps
Silver	107-1	550	658	667	625	10.41	cps
Silver	109-1	633	658	567	619	7.65	cps
Sodium	23-2	35328241	36265776	37254225	36282747	2.65	cps
Strontium	86-1	1330205	1357473	1377008	1354895	1.74	cps
Strontium	88-1	11560711	11904659	11587221	11684197	1.64	cps
Sulfur	34-1	2238428	2200709	2270809	2236649	1.57	cps
Terbium	159-1	7603941	7673388	7499806	7592378	1.15	cps
Terbium	159-2	3620843	3590514	3624949	3612102	0.52	cps
Thallium	203-1	992	1000	867	953	7.84	cps
Thallium	205-1	2475	2584	2375	2478	4.21	cps
Tin	118-1	1617	1942	1775	1778	9.14	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-13	Instrumnet Name :	P8
Client Sample ID :	MH1E98	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:52:03	DataFile Name :	065AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1425	1133	1392	1317	12.13	cps
Uranium	238-1	24917	26077	24792	25262	2.81	cps
Vanadium	51-2	247	237	230	238	3.53	cps
Ytterbium	172-1	42	25	17	28	45.82	cps
Ytterbium	172-2	17	17	11	15	21.67	cps
Ytterbium	176-1	667	733	592	664	10.68	cps
Ytterbium	176-2	3334	3912	4017	3754	9.80	cps
Yttrium	89-1	13349747	13392164	13160557	13300823	0.93	cps
Yttrium	89-2	1488026	1507528	1550426	1515327	2.11	cps
Zinc	66-2	408921	416940	416995	414285	1.12	cps
Zirconium	90-1	1292	1150	1258	1233	6.01	cps
Zirconium	91-1	167	358	200	242	42.37	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-14	Instrumnet Name :	P8
Client Sample ID :	MH1F00	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:55:01	DataFile Name :	066AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1171	875	922	990	16.09	cps
Antimony	121-1	62117	66279	63858	64085	3.26	cps
Arsenic	75-2	761	750	854	788	7.25	cps
Barium	135-1	45803	47133	46104	46347	1.50	cps
Barium	137-1	78672	79837	81379	79963	1.70	cps
Beryllium	9-1	76	82	70	76	7.89	cps
Bismuth	209-1	4064927	3965523	3967497	3999316	1.42	cps
Bismuth	209-2	2364026	2316251	2329775	2336684	1.05	cps
Boron	10-1	5564	5868	5900	5777	3.21	cps
Boron	11-1	27965	28690	30091	28915	3.74	cps
Bromine	81-1	26162	28719	27726	27536	4.68	cps
Cadmium	111-1	8626	8785	8825	8745	1.21	cps
Cadmium	106-1	3576	3709	3567	3617	2.20	cps
Cadmium	108-1	529	513	575	539	6.01	cps
Calcium	43-1	2753207	2861881	2808250	2807779	1.94	cps
Calcium	44-1	44080018	45994813	44447213	44840681	2.27	cps
Carbon	12-1	7190751	7317931	8067553	7525412	6.30	cps
Carbon	12-2	96283	97398	100360	98014	2.15	cps
Chlorine	35-1	5998636	6339615	6657275	6331842	5.20	cps
Chlorine	35-2	53524	54520	55549	54531	1.86	cps
Chromium	52-2	1497	1533	1487	1506	1.63	cps
Cobalt	59-2	620	593	683	632	7.31	cps
Copper	63-2	8629	8793	8633	8685	1.08	cps
Dysprosium	156-1	25	25	8	19	49.50	cps
Dysprosium	156-2	17	10	17	14	26.66	cps
Erbium	164-1	108	83	67	86	24.35	cps
Erbium	164-2	23	33	47	34	34.00	cps
Gadolinium	160-1	75	75	92	81	11.95	cps
Gadolinium	160-2	50	33	57	47	25.76	cps
Holmium	165-1	7200324	7163823	7079696	7147948	0.87	cps
Holmium	165-2	3511527	3686896	3465772	3554732	3.28	cps
Indium	115-1	6452242	6530682	6601100	6528008	1.14	cps
Indium	115-2	1040521	1041609	1054865	1045665	0.76	cps
Iron	54-2	4662	4479	4651	4597	2.24	cps
Iron	56-2	74863	73522	73701	74029	0.98	cps
Iron	57-2	5262	5801	5785	5616	5.46	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-14	Instrumnet Name :	P8
Client Sample ID :	MH1F00	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:55:01	DataFile Name :	066AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1107	1223	1313	1215	8.53	cps
Lead	206-1	50432	51263	51581	51092	1.16	cps
Lead	207-1	44912	43852	45781	44848	2.15	cps
Lead	208-1	207409	204571	210094	207358	1.33	cps
Lithium	6-1	2637285	2731197	2749278	2705920	2.22	cps
Magnesium	24-2	5080752	4960172	5166993	5069306	2.05	cps
Manganese	55-2	44901	44182	45188	44757	1.16	cps
Molybdenum	94-1	2250	1867	1909	2009	10.47	cps
Molybdenum	95-1	2767	3042	2809	2873	5.16	cps
Molybdenum	96-1	3034	3059	3576	3223	9.49	cps
Molybdenum	97-1	1992	1950	1700	1881	8.39	cps
Molybdenum	98-1	4643	4976	5276	4965	6.38	cps
Neodymium	150-1	27	40	67	44	45.82	cps
Neodymium	150-2	10	7	7	8	24.71	cps
Nickel	60-2	1433	1300	1420	1385	5.30	cps
Phosphorus	31-2	125	108	100	111	11.46	cps
Potassium	39-2	255382	254964	256366	255571	0.28	cps
Rhodium	103-1	6156754	6331249	6192115	6226706	1.48	cps
Rhodium	103-2	3034391	3118440	3105190	3086007	1.46	cps
Scandium	45-1	5224435	5862551	5572145	5553044	5.75	cps
Scandium	45-2	195749	198049	197703	197167	0.63	cps
Selenium	82-1	102	-46	-81	-8	-1146.24	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	68	61	51	60	14.24	cps
Silicon	28-1	25438503	25428497	26299537	25722179	1.94	cps
Silver	107-1	758	708	575	681	13.93	cps
Silver	109-1	700	567	533	600	14.70	cps
Sodium	23-2	35083967	35030415	36378337	35497573	2.15	cps
Strontium	86-1	1349688	1346529	1324054	1340090	1.04	cps
Strontium	88-1	11539839	11273760	11343788	11385796	1.21	cps
Sulfur	34-1	2167809	2195698	2229271	2197593	1.40	cps
Terbium	159-1	7423613	7734005	7472426	7543348	2.21	cps
Terbium	159-2	3500038	3450767	3539199	3496668	1.27	cps
Thallium	203-1	1025	1017	1183	1075	8.74	cps
Thallium	205-1	2325	2400	2434	2386	2.33	cps
Tin	118-1	2692	2825	2592	2703	4.33	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-14	Instrumnet Name :	P8
Client Sample ID :	MH1F00	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:55:01	DataFile Name :	066AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	833	1058	1033	975	12.65	cps
Uranium	238-1	26195	25092	24725	25337	3.02	cps
Vanadium	51-2	243	213	233	230	6.64	cps
Ytterbium	172-1	17	33	42	31	41.66	cps
Ytterbium	172-2	17	0	11	9	91.66	cps
Ytterbium	176-1	625	675	850	717	16.49	cps
Ytterbium	176-2	3267	4006	3917	3730	10.82	cps
Yttrium	89-1	13011826	13007666	13128091	13049194	0.52	cps
Yttrium	89-2	1470200	1485188	1508884	1488091	1.31	cps
Zinc	66-2	411387	413553	415715	413552	0.52	cps
Zirconium	90-1	875	917	867	886	3.02	cps
Zirconium	91-1	225	183	283	231	21.79	cps

LB Number : LB117894 Operator : Jaswal
 Lab Sample ID : M5048-15 Instrumnet Name : P8
 Client Sample ID : MH1F02 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-19 15:57:57 DataFile Name : 067AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	955	981	926	954	2.88	cps
Antimony	121-1	65776	66748	66513	66346	0.76	cps
Arsenic	75-2	810	810	812	811	0.14	cps
Barium	135-1	46372	48020	46498	46963	1.95	cps
Barium	137-1	79123	84850	83092	82355	3.56	cps
Beryllium	9-1	80	72	62	71	12.64	cps
Bismuth	209-1	3990618	3779986	4041435	3937346	3.52	cps
Bismuth	209-2	2279120	2379894	2276570	2311861	2.55	cps
Boron	10-1	5886	5806	6162	5951	3.14	cps
Boron	11-1	27895	28684	30255	28945	4.15	cps
Bromine	81-1	24918	24426	27575	25640	6.61	cps
Cadmium	111-1	9101	9517	8757	9125	4.17	cps
Cadmium	106-1	3734	3442	3426	3534	4.91	cps
Cadmium	108-1	492	558	579	543	8.42	cps
Calcium	43-1	2837286	2891379	2957134	2895266	2.07	cps
Calcium	44-1	46920021	47894546	46359215	47057927	1.65	cps
Carbon	12-1	6980960	7514585	7899206	7464917	6.18	cps
Carbon	12-2	95259	95427	97876	96187	1.52	cps
Chlorine	35-1	6030960	6568345	6816086	6471797	6.20	cps
Chlorine	35-2	54520	56118	55691	55443	1.49	cps
Chromium	52-2	3170	3234	3220	3208	1.04	cps
Cobalt	59-2	603	720	853	726	17.24	cps
Copper	63-2	9460	9904	9617	9660	2.33	cps
Dysprosium	156-1	42	17	8	22	78.07	cps
Dysprosium	156-2	13	7	7	9	43.25	cps
Erbium	164-1	75	58	108	81	31.60	cps
Erbium	164-2	40	20	53	38	44.41	cps
Gadolinium	160-1	33	92	92	72	46.64	cps
Gadolinium	160-2	40	60	43	48	22.43	cps
Holmium	165-1	7069892	6955143	7317189	7114075	2.60	cps
Holmium	165-2	3547546	3663733	3512081	3574453	2.22	cps
Indium	115-1	6605842	6195490	6486369	6429234	3.28	cps
Indium	115-2	1048336	1076111	1054714	1059720	1.37	cps
Iron	54-2	5084	5068	4818	4990	2.99	cps
Iron	56-2	90251	85549	87813	87871	2.68	cps
Iron	57-2	5785	5901	6024	5903	2.02	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-15	Instrumnet Name :	P8
Client Sample ID :	MH1F02	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:57:57	DataFile Name :	067AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1237	1090	1103	1143	7.09	cps
Lead	206-1	46545	48792	48079	47805	2.40	cps
Lead	207-1	40519	41361	41266	41049	1.12	cps
Lead	208-1	188768	193105	191133	191002	1.14	cps
Lithium	6-1	2752867	2608447	2748349	2703221	3.04	cps
Magnesium	24-2	5319667	5370613	5363032	5351104	0.51	cps
Manganese	55-2	50964	50098	50158	50407	0.96	cps
Molybdenum	94-1	2092	2117	2300	2170	5.24	cps
Molybdenum	95-1	3175	3084	3192	3150	1.85	cps
Molybdenum	96-1	3409	3367	3459	3412	1.35	cps
Molybdenum	97-1	1909	1742	2042	1897	7.92	cps
Molybdenum	98-1	5059	5101	5126	5096	0.66	cps
Neodymium	150-1	53	27	20	33	52.91	cps
Neodymium	150-2	20	10	7	12	56.76	cps
Nickel	60-2	2010	1937	1997	1981	1.97	cps
Phosphorus	31-2	192	158	100	150	30.93	cps
Potassium	39-2	265948	264206	268669	266274	0.84	cps
Rhodium	103-1	6183848	6095565	6163703	6147705	0.75	cps
Rhodium	103-2	2996813	3242605	3035336	3091585	4.28	cps
Scandium	45-1	5621575	5517115	5534672	5557788	1.01	cps
Scandium	45-2	197963	202478	196673	199038	1.53	cps
Selenium	82-1	29	190	138	119	68.94	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	75	58	64	66	13.13	cps
Silicon	28-1	25884039	26629314	26204130	26239161	1.42	cps
Silver	107-1	592	725	625	647	10.72	cps
Silver	109-1	525	550	600	558	6.84	cps
Sodium	23-2	37028044	36558242	38304879	37297055	2.42	cps
Strontium	86-1	1315835	1384820	1399922	1366859	3.28	cps
Strontium	88-1	11039942	11830423	11413110	11427825	3.46	cps
Sulfur	34-1	2192866	2240057	2226103	2219676	1.09	cps
Terbium	159-1	7582345	7195724	7425517	7401195	2.63	cps
Terbium	159-2	3508761	3523688	3420328	3484259	1.60	cps
Thallium	203-1	1017	950	1217	1061	13.08	cps
Thallium	205-1	2217	2792	2592	2534	11.52	cps
Tin	118-1	1967	2009	2075	2017	2.71	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-15	Instrumnet Name :	P8
Client Sample ID :	MH1F02	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 15:57:57	DataFile Name :	067AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	925	967	1042	978	6.05	cps
Uranium	238-1	25142	24833	26286	25420	3.01	cps
Vanadium	51-2	190	253	233	226	14.35	cps
Ytterbium	172-1	25	33	33	31	15.74	cps
Ytterbium	172-2	6	22	11	13	65.44	cps
Ytterbium	176-1	683	767	883	778	12.92	cps
Ytterbium	176-2	3678	4134	4067	3960	6.22	cps
Yttrium	89-1	13283103	12652295	12756749	12897382	2.62	cps
Yttrium	89-2	1463408	1540895	1468427	1490910	2.91	cps
Zinc	66-2	457705	455225	452154	455028	0.61	cps
Zirconium	90-1	1133	1008	1042	1061	6.10	cps
Zirconium	91-1	208	208	283	233	18.56	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-16	Instrumnet Name :	P8
Client Sample ID :	MH1F04	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 16:00:55	DataFile Name :	068AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1127	1152	1227	1169	4.45	cps
Antimony	121-1	65356	68270	64520	66049	2.98	cps
Arsenic	75-2	832	880	839	850	3.05	cps
Barium	135-1	46497	47685	46264	46815	1.63	cps
Barium	137-1	81831	81312	80456	81200	0.85	cps
Beryllium	9-1	72	70	82	75	8.60	cps
Bismuth	209-1	3880055	3915978	4021519	3939184	1.87	cps
Bismuth	209-2	2299946	2322512	2364897	2329118	1.42	cps
Boron	10-1	5534	5928	6024	5829	4.46	cps
Boron	11-1	27466	28586	29864	28639	4.19	cps
Bromine	81-1	24587	26031	25931	25516	3.16	cps
Cadmium	111-1	9264	9390	9517	9390	1.34	cps
Cadmium	106-1	3476	3309	3817	3534	7.34	cps
Cadmium	108-1	583	571	558	571	2.19	cps
Calcium	43-1	2823557	2848110	2779981	2817216	1.22	cps
Calcium	44-1	44141277	46157723	43410779	44569926	3.19	cps
Carbon	12-1	7036013	7816090	7949785	7600629	6.49	cps
Carbon	12-2	96535	94479	96341	95785	1.19	cps
Chlorine	35-1	5890851	6340397	6513254	6248167	5.14	cps
Chlorine	35-2	52404	56460	55800	54888	3.97	cps
Chromium	52-2	813	857	797	822	3.77	cps
Cobalt	59-2	787	710	827	774	7.66	cps
Copper	63-2	10441	10447	10898	10595	2.47	cps
Dysprosium	156-1	8	58	33	33	75.01	cps
Dysprosium	156-2	7	13	23	14	58.06	cps
Erbium	164-1	75	83	100	86	14.78	cps
Erbium	164-2	33	13	33	27	43.31	cps
Gadolinium	160-1	42	67	92	67	37.50	cps
Gadolinium	160-2	53	50	53	52	3.68	cps
Holmium	165-1	6999803	7114624	6912040	7008822	1.45	cps
Holmium	165-2	3480753	3534358	3588055	3534388	1.52	cps
Indium	115-1	6431042	6293325	6438432	6387600	1.28	cps
Indium	115-2	1052786	1044371	1050551	1049236	0.42	cps
Iron	54-2	5562	5268	5690	5507	3.93	cps
Iron	56-2	94271	92666	94651	93863	1.12	cps
Iron	57-2	5629	6413	6146	6063	6.57	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-16	Instrumnet Name :	P8
Client Sample ID :	MH1F04	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 16:00:55	DataFile Name :	068AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1070	1150	1170	1130	4.68	cps
Lead	206-1	61563	61714	61244	61507	0.39	cps
Lead	207-1	53867	54788	54058	54238	0.90	cps
Lead	208-1	247427	245618	247051	246698	0.39	cps
Lithium	6-1	2699197	2646133	2600142	2648491	1.87	cps
Magnesium	24-2	5152960	5273804	5254249	5227005	1.24	cps
Manganese	55-2	54631	53333	55594	54519	2.08	cps
Molybdenum	94-1	2009	2392	2059	2153	9.68	cps
Molybdenum	95-1	2967	3017	3025	3003	1.05	cps
Molybdenum	96-1	3167	3309	3459	3312	4.41	cps
Molybdenum	97-1	1809	1892	2084	1928	7.32	cps
Molybdenum	98-1	4684	4734	4726	4715	0.57	cps
Neodymium	150-1	53	60	53	56	6.93	cps
Neodymium	150-2	10	20	13	14	35.26	cps
Nickel	60-2	1187	1237	1143	1189	3.93	cps
Phosphorus	31-2	117	142	175	144	20.26	cps
Potassium	39-2	263973	263811	265215	264333	0.29	cps
Rhodium	103-1	6088411	6108488	6160040	6118979	0.60	cps
Rhodium	103-2	3031556	3070990	3149682	3084076	1.95	cps
Scandium	45-1	5464429	5611863	5450478	5508923	1.62	cps
Scandium	45-2	198346	194756	201057	198053	1.60	cps
Selenium	82-1	233	75	49	119	83.65	cps
Selenium	77-2	0	3	7	3	100.05	cps
Selenium	78-2	60	55	67	61	9.93	cps
Silicon	28-1	25170729	26145073	25916554	25744118	1.98	cps
Silver	107-1	825	792	700	772	8.38	cps
Silver	109-1	725	708	633	689	7.09	cps
Sodium	23-2	36717771	36062704	36550599	36443691	0.93	cps
Strontium	86-1	1369726	1362028	1343740	1358498	0.98	cps
Strontium	88-1	11588092	11355852	11082968	11342304	2.23	cps
Sulfur	34-1	2202044	2222375	2160547	2194988	1.44	cps
Terbium	159-1	7449343	7268236	7523306	7413628	1.77	cps
Terbium	159-2	3473121	3427244	3515932	3472099	1.28	cps
Thallium	203-1	1050	1100	825	992	14.77	cps
Thallium	205-1	2725	2609	2450	2595	5.32	cps
Tin	118-1	1992	1884	1884	1920	3.26	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-16	Instrumnet Name :	P8
Client Sample ID :	MH1F04	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 16:00:55	DataFile Name :	068AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1183	1108	1067	1120	5.28	cps
Uranium	238-1	25000	25476	24700	25059	1.56	cps
Vanadium	51-2	273	263	240	259	6.61	cps
Ytterbium	172-1	33	42	17	31	41.66	cps
Ytterbium	172-2	22	11	11	15	43.30	cps
Ytterbium	176-1	833	592	733	719	16.88	cps
Ytterbium	176-2	3523	3917	4267	3903	9.55	cps
Yttrium	89-1	12949772	12814281	12528219	12764091	1.69	cps
Yttrium	89-2	1470842	1465455	1472617	1469638	0.25	cps
Zinc	66-2	470169	463931	471076	468392	0.83	cps
Zirconium	90-1	942	975	1050	989	5.61	cps
Zirconium	91-1	142	192	158	164	15.53	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-17	Instrumnet Name :	P8
Client Sample ID :	MH1F06	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 16:03:51	DataFile Name :	069AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1166	1240	1177	1194	3.33	cps
Antimony	121-1	68875	72937	75175	72329	4.42	cps
Arsenic	75-2	839	846	846	844	0.48	cps
Barium	135-1	46564	50596	51189	49450	5.09	cps
Barium	137-1	85018	85244	87426	85896	1.55	cps
Beryllium	9-1	80	80	86	82	4.23	cps
Bismuth	209-1	4140975	4013017	4172286	4108759	2.05	cps
Bismuth	209-2	2342155	2274852	2430769	2349259	3.33	cps
Boron	10-1	5912	6412	6424	6249	4.68	cps
Boron	11-1	28538	30357	31836	30244	5.46	cps
Bromine	81-1	27927	29993	32040	29987	6.86	cps
Cadmium	111-1	10335	10369	10089	10265	1.49	cps
Cadmium	106-1	3901	4301	4051	4084	4.95	cps
Cadmium	108-1	550	646	671	622	10.25	cps
Calcium	43-1	2945918	3173085	3091646	3070216	3.75	cps
Calcium	44-1	47563227	49530399	50205319	49099648	2.80	cps
Carbon	12-1	7278122	7731054	7735569	7581582	3.47	cps
Carbon	12-2	96408	100277	96250	97645	2.34	cps
Chlorine	35-1	6248864	7015968	7079757	6781530	6.82	cps
Chlorine	35-2	54971	57297	58269	56846	2.98	cps
Chromium	52-2	890	837	920	882	4.78	cps
Cobalt	59-2	823	887	760	823	7.69	cps
Copper	63-2	11028	11511	11318	11286	2.16	cps
Dysprosium	156-1	17	75	25	39	81.12	cps
Dysprosium	156-2	17	17	3	12	63.01	cps
Erbium	164-1	58	92	50	67	33.07	cps
Erbium	164-2	47	23	20	30	48.44	cps
Gadolinium	160-1	25	67	58	50	44.10	cps
Gadolinium	160-2	47	63	47	52	18.42	cps
Holmium	165-1	7193378	7360093	7538819	7364097	2.35	cps
Holmium	165-2	3656196	3571412	3767100	3664903	2.68	cps
Indium	115-1	6698002	6710613	7238414	6882343	4.48	cps
Indium	115-2	1064107	1074090	1112513	1083570	2.36	cps
Iron	54-2	5568	5195	5635	5466	4.33	cps
Iron	56-2	92130	93735	95073	93646	1.57	cps
Iron	57-2	6157	6329	6407	6298	2.03	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-17	Instrumnet Name :	P8
Client Sample ID :	MH1F06	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 16:03:51	DataFile Name :	069AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1170	1333	1190	1231	7.24	cps
Lead	206-1	70821	71938	72190	71650	1.02	cps
Lead	207-1	62060	64544	64215	63606	2.12	cps
Lead	208-1	289415	294673	294100	292729	0.99	cps
Lithium	6-1	2814550	2828520	2896797	2846622	1.55	cps
Magnesium	24-2	5340176	5446699	5496051	5427642	1.47	cps
Manganese	55-2	63638	63073	64080	63597	0.79	cps
Molybdenum	94-1	2100	2575	2034	2236	13.21	cps
Molybdenum	95-1	3175	3059	3209	3148	2.50	cps
Molybdenum	96-1	3684	3651	3517	3617	2.44	cps
Molybdenum	97-1	1817	1800	1800	1806	0.53	cps
Molybdenum	98-1	5243	4751	6102	5365	12.74	cps
Neodymium	150-1	33	53	40	42	24.12	cps
Neodymium	150-2	10	10	10	10	0.00	cps
Nickel	60-2	1383	1283	1290	1319	4.24	cps
Phosphorus	31-2	108	133	83	108	23.08	cps
Potassium	39-2	272105	279114	274835	275351	1.28	cps
Rhodium	103-1	6257086	6339927	6664355	6420456	3.35	cps
Rhodium	103-2	3158836	3261945	3257044	3225942	1.80	cps
Scandium	45-1	5748407	5891351	5899813	5846524	1.46	cps
Scandium	45-2	194310	201592	206298	200734	3.01	cps
Selenium	82-1	117	-130	73	20	667.12	cps
Selenium	77-2	3	7	7	6	34.70	cps
Selenium	78-2	62	69	60	64	7.42	cps
Silicon	28-1	27765692	27638860	27573652	27659401	0.35	cps
Silver	107-1	725	683	650	686	5.48	cps
Silver	109-1	692	800	642	711	11.38	cps
Sodium	23-2	37603535	38951482	39199263	38584760	2.23	cps
Strontium	86-1	1448118	1449817	1387657	1428531	2.48	cps
Strontium	88-1	11505408	12242526	12114022	11953985	3.29	cps
Sulfur	34-1	2352133	2423077	2280343	2351851	3.03	cps
Terbium	159-1	7827478	7578156	7882582	7762739	2.09	cps
Terbium	159-2	3628417	3660425	3740080	3676307	1.56	cps
Thallium	203-1	992	1325	1308	1208	15.55	cps
Thallium	205-1	2384	2642	2517	2514	5.14	cps
Tin	118-1	1825	1859	1875	1853	1.37	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-17	Instrumnet Name :	P8
Client Sample ID :	MH1F06	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 16:03:51	DataFile Name :	069AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1050	850	1225	1042	18.01	cps
Uranium	238-1	28558	27781	26637	27659	3.49	cps
Vanadium	51-2	187	280	237	234	19.92	cps
Ytterbium	172-1	0	50	42	31	87.67	cps
Ytterbium	172-2	17	11	11	13	24.76	cps
Ytterbium	176-1	700	625	725	683	7.62	cps
Ytterbium	176-2	3573	3928	4067	3856	6.62	cps
Yttrium	89-1	12759809	13432328	13454613	13215583	2.99	cps
Yttrium	89-2	1463023	1542784	1552896	1519567	3.24	cps
Zinc	66-2	510284	508917	508571	509257	0.18	cps
Zirconium	90-1	1017	1108	1183	1103	7.57	cps
Zirconium	91-1	258	225	242	242	6.90	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-18	Instrumnet Name :	P8
Client Sample ID :	MH1F08	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 16:06:48	DataFile Name :	070AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1279	1380	1281	1313	4.40	cps
Antimony	121-1	70315	70415	70231	70321	0.13	cps
Arsenic	75-2	848	897	857	867	3.01	cps
Barium	135-1	47953	50286	49307	49182	2.38	cps
Barium	137-1	83275	87576	85983	85612	2.54	cps
Beryllium	9-1	74	56	78	69	16.90	cps
Bismuth	209-1	3943907	4029845	3936382	3970045	1.31	cps
Bismuth	209-2	2415514	2309564	2326910	2350662	2.42	cps
Boron	10-1	5914	6362	6082	6119	3.70	cps
Boron	11-1	29570	30155	30586	30103	1.69	cps
Bromine	81-1	27084	29160	30194	28813	5.50	cps
Cadmium	111-1	10011	10343	10204	10186	1.64	cps
Cadmium	106-1	3651	3609	3826	3695	3.11	cps
Cadmium	108-1	663	629	579	624	6.73	cps
Calcium	43-1	2869814	3072232	2948069	2963372	3.44	cps
Calcium	44-1	45719635	48114473	47210586	47014898	2.57	cps
Carbon	12-1	7288395	7530463	8290611	7703156	6.79	cps
Carbon	12-2	94605	97256	97340	96400	1.61	cps
Chlorine	35-1	6291283	6905067	7228113	6808154	6.99	cps
Chlorine	35-2	57490	58761	60720	58990	2.76	cps
Chromium	52-2	910	757	933	867	11.07	cps
Cobalt	59-2	813	833	913	853	6.20	cps
Copper	63-2	11351	11548	11385	11428	0.92	cps
Dysprosium	156-1	25	58	8	31	83.32	cps
Dysprosium	156-2	3	13	10	9	57.30	cps
Erbium	164-1	33	83	58	58	42.87	cps
Erbium	164-2	47	33	40	40	16.68	cps
Gadolinium	160-1	117	58	67	81	39.17	cps
Gadolinium	160-2	67	67	53	62	12.38	cps
Holmium	165-1	7011921	7005011	7190068	7069000	1.48	cps
Holmium	165-2	3660870	3535337	3643802	3613336	1.88	cps
Indium	115-1	6732325	6536519	6655940	6641595	1.49	cps
Indium	115-2	1053118	1057267	1065590	1058658	0.60	cps
Iron	54-2	5835	6251	5807	5964	4.18	cps
Iron	56-2	101609	101247	103474	102110	1.17	cps
Iron	57-2	6168	6507	6807	6494	4.92	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-18	Instrumnet Name :	P8
Client Sample ID :	MH1F08	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 16:06:48	DataFile Name :	070AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1100	1143	1140	1128	2.14	cps
Lead	206-1	80370	81169	77894	79811	2.14	cps
Lead	207-1	69778	71246	70241	70422	1.07	cps
Lead	208-1	318856	321535	322121	320837	0.54	cps
Lithium	6-1	2802269	2725698	2799244	2775737	1.56	cps
Magnesium	24-2	5379838	5446222	5626447	5484169	2.33	cps
Manganese	55-2	60334	59708	59688	59910	0.61	cps
Molybdenum	94-1	2150	2200	1917	2089	7.24	cps
Molybdenum	95-1	3259	3067	3059	3128	3.62	cps
Molybdenum	96-1	3392	4026	3834	3751	8.66	cps
Molybdenum	97-1	1892	2117	2017	2009	5.61	cps
Molybdenum	98-1	4851	5093	5118	5020	2.93	cps
Neodymium	150-1	47	47	40	44	8.66	cps
Neodymium	150-2	7	17	20	14	48.02	cps
Nickel	60-2	1250	1280	1287	1272	1.54	cps
Phosphorus	31-2	158	167	92	139	29.60	cps
Potassium	39-2	270337	275363	271858	272519	0.95	cps
Rhodium	103-1	6394372	6273209	6157969	6275183	1.88	cps
Rhodium	103-2	3134822	3048359	3109811	3097664	1.44	cps
Scandium	45-1	5380108	5532834	5517718	5476887	1.54	cps
Scandium	45-2	201685	201475	203612	202257	0.58	cps
Selenium	82-1	114	89	86	96	16.05	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	60	57	51	56	8.18	cps
Silicon	28-1	27336983	26096941	27681351	27038425	3.08	cps
Silver	107-1	725	867	758	783	9.46	cps
Silver	109-1	750	658	692	700	6.63	cps
Sodium	23-2	36988434	39003656	37025273	37672454	3.06	cps
Strontium	86-1	1396544	1392641	1402501	1397228	0.36	cps
Strontium	88-1	11215794	11820069	12123718	11719861	3.94	cps
Sulfur	34-1	2268894	2257852	2337954	2288233	1.90	cps
Terbium	159-1	7480277	7474801	7538918	7497999	0.47	cps
Terbium	159-2	3631519	3554455	3598379	3594784	1.08	cps
Thallium	203-1	1167	1192	1092	1150	4.53	cps
Thallium	205-1	2575	2600	2442	2539	3.35	cps
Tin	118-1	1817	1784	1625	1742	5.88	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-18	Instrumnet Name :	P8
Client Sample ID :	MH1F08	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 16:06:48	DataFile Name :	070AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1275	1508	1283	1356	9.77	cps
Uranium	238-1	25819	26604	25994	26139	1.58	cps
Vanadium	51-2	233	280	260	258	9.08	cps
Ytterbium	172-1	17	58	25	33	66.14	cps
Ytterbium	172-2	11	11	39	20	78.74	cps
Ytterbium	176-1	758	733	583	692	13.68	cps
Ytterbium	176-2	3851	3934	3984	3923	1.72	cps
Yttrium	89-1	12527429	12945282	13307643	12926785	3.02	cps
Yttrium	89-2	1481573	1427269	1471157	1459999	1.97	cps
Zinc	66-2	502893	503733	512922	506516	1.10	cps
Zirconium	90-1	1067	1425	950	1147	21.59	cps
Zirconium	91-1	233	225	233	231	2.09	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-19	Instrumnet Name :	P8
Client Sample ID :	MH1F10	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 16:09:44	DataFile Name :	071AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2139	2284	2205	2209	3.29	cps
Antimony	121-1	71362	75720	77420	74834	4.18	cps
Arsenic	75-2	1048	1030	1024	1034	1.21	cps
Barium	135-1	49893	51917	52277	51362	2.50	cps
Barium	137-1	88180	87393	87341	87638	0.54	cps
Beryllium	9-1	56	54	80	63	22.84	cps
Bismuth	209-1	3880602	4256425	4241630	4126219	5.16	cps
Bismuth	209-2	2385455	2503855	2424321	2437877	2.48	cps
Boron	10-1	5946	6490	6686	6374	6.02	cps
Boron	11-1	29640	31646	32518	31268	4.72	cps
Bromine	81-1	27606	30866	31428	29967	6.89	cps
Cadmium	111-1	10451	10707	10658	10605	1.28	cps
Cadmium	106-1	3684	3684	3984	3784	4.58	cps
Cadmium	108-1	663	708	721	697	4.41	cps
Calcium	43-1	3167024	3084132	3177107	3142754	1.62	cps
Calcium	44-1	49819835	49792124	49811514	49807824	0.03	cps
Carbon	12-1	7384631	7901093	8433335	7906353	6.63	cps
Carbon	12-2	101358	99890	101509	100919	0.89	cps
Chlorine	35-1	6391333	6917816	7254460	6854537	6.35	cps
Chlorine	35-2	57481	60493	60845	59606	3.10	cps
Chromium	52-2	1323	1343	1350	1339	1.04	cps
Cobalt	59-2	917	970	1080	989	8.42	cps
Copper	63-2	15702	15959	15285	15649	2.17	cps
Dysprosium	156-1	0	33	17	17	99.99	cps
Dysprosium	156-2	23	40	13	26	52.73	cps
Erbium	164-1	33	83	117	78	53.93	cps
Erbium	164-2	27	40	37	34	20.14	cps
Gadolinium	160-1	75	125	67	89	35.49	cps
Gadolinium	160-2	60	50	87	66	28.92	cps
Holmium	165-1	7276889	7532561	7357254	7388901	1.77	cps
Holmium	165-2	3647921	3722454	3711075	3693817	1.09	cps
Indium	115-1	6491701	6892693	6714987	6699794	3.00	cps
Indium	115-2	1079354	1105758	1104603	1096572	1.36	cps
Iron	54-2	9303	10143	9514	9653	4.52	cps
Iron	56-2	165998	168156	170958	168371	1.48	cps
Iron	57-2	8075	8191	8508	8258	2.72	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-19	Instrumnet Name :	P8
Client Sample ID :	MH1F10	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 16:09:44	DataFile Name :	071AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1100	1087	1127	1105	1.84	cps
Lead	206-1	137997	139423	142824	140081	1.77	cps
Lead	207-1	121141	125352	121807	122767	1.84	cps
Lead	208-1	551616	566626	565665	561302	1.50	cps
Lithium	6-1	2706647	2839840	2841854	2796114	2.77	cps
Magnesium	24-2	5679827	5449121	5773435	5634128	2.96	cps
Manganese	55-2	75653	76183	77021	76286	0.90	cps
Molybdenum	94-1	2617	2409	2242	2423	7.76	cps
Molybdenum	95-1	3042	3376	3259	3225	5.25	cps
Molybdenum	96-1	3426	3942	3334	3567	9.20	cps
Molybdenum	97-1	1858	1984	2134	1992	6.91	cps
Molybdenum	98-1	5193	5368	5226	5262	1.77	cps
Neodymium	150-1	47	73	87	69	29.56	cps
Neodymium	150-2	23	20	27	23	14.29	cps
Nickel	60-2	1360	1317	1293	1323	2.56	cps
Phosphorus	31-2	175	225	167	189	16.70	cps
Potassium	39-2	282894	281147	284857	282966	0.66	cps
Rhodium	103-1	6290599	6605922	6537613	6478045	2.56	cps
Rhodium	103-2	3345154	3342301	3247540	3311665	1.68	cps
Scandium	45-1	5665125	6058687	5826889	5850234	3.38	cps
Scandium	45-2	204377	205753	207023	205718	0.64	cps
Selenium	82-1	153	205	147	169	18.88	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	56	59	63	59	5.92	cps
Silicon	28-1	27208622	27608871	29432846	28083447	4.22	cps
Silver	107-1	1358	1400	1658	1472	11.04	cps
Silver	109-1	1442	1550	1408	1467	5.05	cps
Sodium	23-2	39848053	38522086	39859346	39409828	1.95	cps
Strontium	86-1	1439112	1463849	1433849	1445603	1.11	cps
Strontium	88-1	12295675	11950479	12412477	12219544	1.97	cps
Sulfur	34-1	2404356	2381132	2435514	2407001	1.13	cps
Terbium	159-1	7431048	7836707	7752391	7673382	2.79	cps
Terbium	159-2	3617139	3725024	3768018	3703394	2.10	cps
Thallium	203-1	1017	1133	1200	1117	8.31	cps
Thallium	205-1	2567	3000	2775	2781	7.80	cps
Tin	118-1	2109	1792	1967	1956	8.11	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-19	Instrumnet Name :	P8
Client Sample ID :	MH1F10	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 16:09:44	DataFile Name :	071AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1642	1350	1925	1639	17.54	cps
Uranium	238-1	26111	27506	27263	26960	2.76	cps
Vanadium	51-2	383	310	347	347	10.58	cps
Ytterbium	172-1	42	17	17	25	57.73	cps
Ytterbium	172-2	17	11	6	11	49.99	cps
Ytterbium	176-1	658	783	642	694	11.15	cps
Ytterbium	176-2	3567	4301	4412	4093	11.21	cps
Yttrium	89-1	13285686	13789672	13375964	13483774	1.99	cps
Yttrium	89-2	1500489	1550929	1535132	1528850	1.69	cps
Zinc	66-2	526797	529888	541651	532778	1.47	cps
Zirconium	90-1	1333	1158	1225	1239	7.13	cps
Zirconium	91-1	308	275	258	281	9.07	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-20	Instrumnet Name :	P8
Client Sample ID :	MH1F12	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 16:12:41	DataFile Name :	072AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3226	3351	3130	3236	3.43	cps
Antimony	121-1	74789	76054	80312	77052	3.76	cps
Arsenic	75-2	1209	1165	1203	1193	2.00	cps
Barium	135-1	49316	46932	50754	49001	3.94	cps
Barium	137-1	86243	87937	91361	88514	2.95	cps
Beryllium	9-1	68	72	66	69	4.45	cps
Bismuth	209-1	4097879	4041884	4042138	4060634	0.79	cps
Bismuth	209-2	2429527	2389868	2374630	2398008	1.18	cps
Boron	10-1	5850	6240	6092	6061	3.25	cps
Boron	11-1	28364	30401	31782	30182	5.70	cps
Bromine	81-1	26453	27766	28529	27582	3.81	cps
Cadmium	111-1	10793	10433	10631	10619	1.70	cps
Cadmium	106-1	3884	3726	3584	3731	4.02	cps
Cadmium	108-1	683	658	717	686	4.27	cps
Calcium	43-1	2926281	2903432	2898851	2909521	0.51	cps
Calcium	44-1	46257565	47857697	45830831	46648698	2.29	cps
Carbon	12-1	7116502	7729094	8150376	7665324	6.78	cps
Carbon	12-2	95141	96467	98329	96646	1.66	cps
Chlorine	35-1	6366398	6749552	7042161	6719370	5.04	cps
Chlorine	35-2	57607	60385	60677	59556	2.85	cps
Chromium	52-2	1290	1280	1137	1236	6.94	cps
Cobalt	59-2	1043	997	1093	1044	4.63	cps
Copper	63-2	20348	20649	20855	20617	1.24	cps
Dysprosium	156-1	42	75	83	67	33.07	cps
Dysprosium	156-2	27	27	30	28	6.92	cps
Erbium	164-1	117	100	133	117	14.29	cps
Erbium	164-2	63	43	27	44	41.30	cps
Gadolinium	160-1	75	92	92	86	11.18	cps
Gadolinium	160-2	83	110	50	81	37.06	cps
Holmium	165-1	7266507	7106973	7221830	7198437	1.14	cps
Holmium	165-2	3677882	3677328	3634104	3663105	0.69	cps
Indium	115-1	6483820	6627005	6565109	6558645	1.09	cps
Indium	115-2	1093350	1080853	1086731	1086978	0.58	cps
Iron	54-2	16159	16176	15942	16093	0.81	cps
Iron	56-2	295787	278099	284394	286093	3.13	cps
Iron	57-2	11066	11271	11038	11125	1.15	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-20	Instrumnet Name :	P8
Client Sample ID :	MH1F12	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 16:12:41	DataFile Name :	072AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1090	1147	1133	1123	2.64	cps
Lead	206-1	222285	228794	234748	228609	2.73	cps
Lead	207-1	198697	198127	208454	201760	2.88	cps
Lead	208-1	916072	911631	934641	920781	1.33	cps
Lithium	6-1	2846288	2776968	2867906	2830388	1.68	cps
Magnesium	24-2	5540671	5413337	5467961	5473990	1.17	cps
Manganese	55-2	93173	94836	96428	94812	1.72	cps
Molybdenum	94-1	2050	2084	2134	2089	2.01	cps
Molybdenum	95-1	3200	3275	3509	3328	4.83	cps
Molybdenum	96-1	3567	3551	3876	3664	5.00	cps
Molybdenum	97-1	2100	1784	1934	1939	8.17	cps
Molybdenum	98-1	4726	4609	5301	4879	7.59	cps
Neodymium	150-1	173	100	173	149	28.44	cps
Neodymium	150-2	47	43	53	48	10.66	cps
Nickel	60-2	1407	1490	1430	1442	2.98	cps
Phosphorus	31-2	292	117	158	189	48.40	cps
Potassium	39-2	271667	274711	274503	273627	0.62	cps
Rhodium	103-1	6119733	6205619	6327415	6217589	1.68	cps
Rhodium	103-2	3297196	3252389	3239349	3262978	0.93	cps
Scandium	45-1	5628522	5685686	5656788	5656999	0.51	cps
Scandium	45-2	202154	204766	201934	202951	0.78	cps
Selenium	82-1	129	91	89	103	22.21	cps
Selenium	77-2	10	3	0	4	114.60	cps
Selenium	78-2	64	62	61	62	2.45	cps
Silicon	28-1	27180692	26752982	28329362	27421012	2.97	cps
Silver	107-1	2259	2192	2542	2331	7.97	cps
Silver	109-1	1950	2209	2192	2117	6.83	cps
Sodium	23-2	38617185	38824715	39690461	39044121	1.46	cps
Strontium	86-1	1402852	1422876	1427709	1417812	0.93	cps
Strontium	88-1	11740327	11911216	11514464	11722003	1.70	cps
Sulfur	34-1	2249714	2238163	2307396	2265091	1.64	cps
Terbium	159-1	7497811	7411247	7592427	7500495	1.21	cps
Terbium	159-2	3670717	3575350	3651848	3632638	1.39	cps
Thallium	203-1	1233	1133	1333	1233	8.11	cps
Thallium	205-1	2775	2650	2809	2745	3.04	cps
Tin	118-1	2311	1625	1867	1934	17.99	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-20	Instrumnet Name :	P8
Client Sample ID :	MH1F12	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 16:12:41	DataFile Name :	072AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2075	2084	2242	2134	4.40	cps
Uranium	238-1	25527	26528	26946	26334	2.77	cps
Vanadium	51-2	373	340	360	358	4.69	cps
Ytterbium	172-1	8	50	33	31	68.64	cps
Ytterbium	172-2	28	6	6	13	98.94	cps
Ytterbium	176-1	758	600	642	667	12.31	cps
Ytterbium	176-2	3389	4095	4067	3851	10.38	cps
Yttrium	89-1	13442113	13390552	12933276	13255314	2.11	cps
Yttrium	89-2	1533763	1488888	1520243	1514298	1.52	cps
Zinc	66-2	531246	527192	534035	530824	0.65	cps
Zirconium	90-1	1342	1425	1450	1406	4.04	cps
Zirconium	91-1	258	267	283	269	4.73	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-21	Instrumnet Name :	P8
Client Sample ID :	MH1F12D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 16:15:37	DataFile Name :	073AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3366	3232	3184	3261	2.90	cps
Antimony	121-1	80421	81125	81728	81091	0.81	cps
Arsenic	75-2	1231	1165	1185	1194	2.84	cps
Barium	135-1	51340	50721	50227	50763	1.10	cps
Barium	137-1	89589	88012	86662	88088	1.66	cps
Beryllium	9-1	92	56	78	75	24.09	cps
Bismuth	209-1	4016320	3653591	3906655	3858855	4.82	cps
Bismuth	209-2	2347534	2371352	2243274	2320720	2.94	cps
Boron	10-1	5992	6412	6432	6279	3.96	cps
Boron	11-1	29921	30740	31926	30862	3.27	cps
Bromine	81-1	27666	28268	28257	28064	1.23	cps
Cadmium	111-1	11032	10485	10773	10763	2.54	cps
Cadmium	106-1	3684	3834	3584	3701	3.40	cps
Cadmium	108-1	667	550	733	650	14.28	cps
Calcium	43-1	2998684	3040905	2995179	3011589	0.85	cps
Calcium	44-1	49968330	48103035	49091155	49054173	1.90	cps
Carbon	12-1	7141823	7622169	7870151	7544714	4.91	cps
Carbon	12-2	95419	99395	96945	97253	2.06	cps
Chlorine	35-1	6624989	7014544	7406986	7015507	5.57	cps
Chlorine	35-2	57214	58443	58837	58165	1.46	cps
Chromium	52-2	1217	1137	1020	1125	8.80	cps
Cobalt	59-2	1117	1130	1167	1138	2.28	cps
Copper	63-2	20872	20795	20632	20766	0.59	cps
Dysprosium	156-1	100	67	117	94	26.96	cps
Dysprosium	156-2	30	23	27	27	12.51	cps
Erbium	164-1	67	50	117	78	44.61	cps
Erbium	164-2	50	30	50	43	26.65	cps
Gadolinium	160-1	75	42	100	72	40.52	cps
Gadolinium	160-2	77	73	103	84	19.48	cps
Holmium	165-1	7213184	6333538	6998627	6848450	6.70	cps
Holmium	165-2	3689833	3620214	3674058	3661368	1.00	cps
Indium	115-1	6708851	5850728	6347415	6302332	6.84	cps
Indium	115-2	1070457	1077032	1080055	1075848	0.46	cps
Iron	54-2	15948	17055	16204	16402	3.53	cps
Iron	56-2	281250	289505	288567	286441	1.58	cps
Iron	57-2	10665	11594	10904	11055	4.36	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-21	Instrumnet Name :	P8
Client Sample ID :	MH1F12D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 16:15:37	DataFile Name :	073AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1077	1190	1143	1137	5.01	cps
Lead	206-1	235263	239633	241463	238786	1.33	cps
Lead	207-1	207273	207920	206777	207323	0.28	cps
Lead	208-1	957794	951937	963062	957598	0.58	cps
Lithium	6-1	2799390	2604180	2695848	2699806	3.62	cps
Magnesium	24-2	5560577	5388586	5428349	5459171	1.65	cps
Manganese	55-2	93843	95196	92592	93877	1.39	cps
Molybdenum	94-1	2459	2367	6508	3778	62.59	cps
Molybdenum	95-1	2817	3376	3209	3134	9.15	cps
Molybdenum	96-1	3834	3334	3801	3656	7.65	cps
Molybdenum	97-1	2067	1984	2084	2045	2.62	cps
Molybdenum	98-1	5084	5176	5009	5090	1.64	cps
Neodymium	150-1	93	120	127	113	15.56	cps
Neodymium	150-2	33	43	37	38	13.48	cps
Nickel	60-2	1243	1410	1330	1328	6.28	cps
Phosphorus	31-2	175	142	225	181	23.23	cps
Potassium	39-2	276361	272266	264378	271002	2.25	cps
Rhodium	103-1	6457631	5689665	6246783	6131360	6.47	cps
Rhodium	103-2	3103685	3272429	3211660	3195925	2.67	cps
Scandium	45-1	5928739	5027641	5443180	5466520	8.25	cps
Scandium	45-2	202809	202700	202682	202730	0.03	cps
Selenium	82-1	209	110	56	125	62.00	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	47	60	52	53	12.38	cps
Silicon	28-1	28122812	28161349	27782060	28022074	0.74	cps
Silver	107-1	2159	2425	2334	2306	5.88	cps
Silver	109-1	1959	2142	2075	2059	4.51	cps
Sodium	23-2	38053022	37866306	38854505	38257944	1.37	cps
Strontium	86-1	1382676	1398600	1460822	1414032	2.92	cps
Strontium	88-1	11615275	11669543	12160319	11815045	2.54	cps
Sulfur	34-1	2389382	2394374	2295846	2359867	2.35	cps
Terbium	159-1	7856381	6752766	7182397	7263848	7.66	cps
Terbium	159-2	3555915	3561809	3533123	3550282	0.43	cps
Thallium	203-1	1133	1133	1017	1095	6.16	cps
Thallium	205-1	2809	2842	2750	2800	1.66	cps
Tin	118-1	1742	1784	1775	1767	1.25	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-21	Instrumnet Name :	P8
Client Sample ID :	MH1F12D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 16:15:37	DataFile Name :	073AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1984	2300	2267	2184	7.97	cps
Uranium	238-1	25317	27213	26019	26183	3.66	cps
Vanadium	51-2	380	437	383	400	7.95	cps
Ytterbium	172-1	42	17	25	28	45.82	cps
Ytterbium	172-2	17	6	6	9	69.24	cps
Ytterbium	176-1	742	692	758	731	4.75	cps
Ytterbium	176-2	3606	3884	4129	3873	6.75	cps
Yttrium	89-1	13039046	11739732	13255654	12678144	6.47	cps
Yttrium	89-2	1497294	1497369	1513005	1502556	0.60	cps
Zinc	66-2	526676	531610	530913	529733	0.50	cps
Zirconium	90-1	1583	1542	1350	1492	8.34	cps
Zirconium	91-1	292	233	225	250	14.53	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-20LX5	Instrumnet Name :	P8
Client Sample ID :	MH1F12L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-19 16:18:35	DataFile Name :	074AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	796	782	777	785	1.24	cps
Antimony	121-1	15242	15509	16410	15721	3.89	cps
Arsenic	75-2	257	283	227	256	10.96	cps
Barium	135-1	10004	10563	10271	10279	2.72	cps
Barium	137-1	17220	17061	17470	17250	1.20	cps
Beryllium	9-1	78	110	82	90	19.37	cps
Bismuth	209-1	4283182	4267448	4261956	4270862	0.26	cps
Bismuth	209-2	2544374	2515562	2526981	2528972	0.57	cps
Boron	10-1	2120	2306	2254	2226	4.31	cps
Boron	11-1	10748	10900	10400	10682	2.40	cps
Bromine	81-1	19584	19734	18612	19310	3.16	cps
Cadmium	111-1	3807	4101	4325	4078	6.37	cps
Cadmium	106-1	3192	3342	3776	3437	8.82	cps
Cadmium	108-1	158	79	163	133	35.22	cps
Calcium	43-1	581962	590072	589104	587046	0.75	cps
Calcium	44-1	9608936	9414324	9735871	9586377	1.69	cps
Carbon	12-1	5732722	5718788	5608471	5686661	1.20	cps
Carbon	12-2	63672	65740	65798	65070	1.86	cps
Chlorine	35-1	3920397	3908019	3955568	3927995	0.63	cps
Chlorine	35-2	28195	28136	26776	27702	2.90	cps
Chromium	52-2	780	867	793	813	5.74	cps
Cobalt	59-2	283	310	310	301	5.11	cps
Copper	63-2	4511	4701	4651	4621	2.13	cps
Dysprosium	156-1	42	17	42	33	43.30	cps
Dysprosium	156-2	17	7	10	11	45.82	cps
Erbium	164-1	42	67	33	47	36.74	cps
Erbium	164-2	40	27	23	30	29.40	cps
Gadolinium	160-1	17	58	42	39	53.92	cps
Gadolinium	160-2	60	57	53	57	5.89	cps
Holmium	165-1	7601891	7200903	7357688	7386827	2.74	cps
Holmium	165-2	3797282	3717577	3787973	3767611	1.16	cps
Indium	115-1	6956083	6967001	6963052	6962045	0.08	cps
Indium	115-2	1140381	1124613	1122718	1129238	0.86	cps
Iron	54-2	3467	3500	3667	3545	3.02	cps
Iron	56-2	59351	58777	59111	59080	0.49	cps
Iron	57-2	2289	2400	2161	2284	5.24	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-20LX5	Instrumnet Name :	P8
Client Sample ID :	MH1F12L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-19 16:18:35	DataFile Name :	074AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1080	1103	1087	1090	1.10	cps
Lead	206-1	45419	47498	48279	47065	3.14	cps
Lead	207-1	41048	41667	41456	41390	0.76	cps
Lead	208-1	185501	190117	192844	189487	1.96	cps
Lithium	6-1	3022937	2988987	2955412	2989112	1.13	cps
Magnesium	24-2	1115431	1104004	1140524	1119986	1.67	cps
Manganese	55-2	19467	19677	19393	19512	0.75	cps
Molybdenum	94-1	658	600	600	619	5.44	cps
Molybdenum	95-1	692	508	758	653	19.83	cps
Molybdenum	96-1	817	908	667	797	15.30	cps
Molybdenum	97-1	375	475	442	431	11.83	cps
Molybdenum	98-1	1167	1050	1167	1128	5.97	cps
Neodymium	150-1	27	60	40	42	39.73	cps
Neodymium	150-2	7	7	0	4	86.60	cps
Nickel	60-2	347	280	320	316	10.63	cps
Phosphorus	31-2	100	108	117	108	7.69	cps
Potassium	39-2	71084	70180	70187	70484	0.74	cps
Rhodium	103-1	6573111	6704252	6688146	6655170	1.07	cps
Rhodium	103-2	3380142	3473712	3350194	3401349	1.89	cps
Scandium	45-1	5943405	6015389	6204268	6054354	2.23	cps
Scandium	45-2	213778	212703	212098	212860	0.40	cps
Selenium	82-1	17	-37	22	1	4266.63	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	76	64	61	67	11.84	cps
Silicon	28-1	5892333	5928513	6028842	5949896	1.19	cps
Silver	107-1	617	625	600	614	2.07	cps
Silver	109-1	492	400	583	492	18.64	cps
Sodium	23-2	7785349	7629339	7466493	7627061	2.09	cps
Strontium	86-1	277002	279818	278398	278406	0.51	cps
Strontium	88-1	2421749	2321398	2405857	2383001	2.26	cps
Sulfur	34-1	939820	942281	958946	947016	1.10	cps
Terbium	159-1	8008440	7808964	7951939	7923114	1.30	cps
Terbium	159-2	3847418	3701502	3816596	3788505	2.03	cps
Thallium	203-1	308	433	358	367	17.16	cps
Thallium	205-1	592	867	775	744	18.81	cps
Tin	118-1	1583	1583	1700	1622	4.15	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-20LX5	Instrumnet Name :	P8
Client Sample ID :	MH1F12L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-19 16:18:35	DataFile Name :	074AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	717	467	717	633	22.79	cps
Uranium	238-1	5243	5160	4776	5060	4.92	cps
Vanadium	51-2	97	93	80	90	9.80	cps
Ytterbium	172-1	25	25	58	36	53.29	cps
Ytterbium	172-2	6	6	11	7	43.24	cps
Ytterbium	176-1	833	558	517	636	27.05	cps
Ytterbium	176-2	3639	4340	4162	4047	8.99	cps
Yttrium	89-1	13970309	13615201	13923633	13836381	1.39	cps
Yttrium	89-2	1599692	1582578	1522189	1568153	2.60	cps
Zinc	66-2	109947	112092	108926	110322	1.46	cps
Zirconium	90-1	783	783	792	786	0.61	cps
Zirconium	91-1	175	142	150	156	11.15	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-20RE	Instrumnet Name :	P8
Client Sample ID :	MH1F12	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 16:21:33	DataFile Name :	075AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2966	3091	3056	3038	2.12	cps
Antimony	121-1	70994	73055	74303	72784	2.30	cps
Arsenic	75-2	1104	1151	1120	1125	2.12	cps
Barium	135-1	47418	48882	47024	47774	2.05	cps
Barium	137-1	78621	80818	79518	79652	1.39	cps
Beryllium	9-1	54	72	78	68	18.37	cps
Bismuth	209-1	3950689	3865416	4009831	3941979	1.84	cps
Bismuth	209-2	2329219	2400256	2360143	2363206	1.51	cps
Boron	10-1	5684	5756	5726	5722	0.63	cps
Boron	11-1	26366	28041	28843	27750	4.55	cps
Bromine	81-1	21008	22822	23304	22378	5.41	cps
Cadmium	111-1	10120	9871	10305	10099	2.15	cps
Cadmium	106-1	3384	3459	3959	3601	8.68	cps
Cadmium	108-1	608	604	604	606	0.40	cps
Calcium	43-1	2613527	2843446	2797579	2751517	4.42	cps
Calcium	44-1	43379854	46495852	47443753	45773153	4.64	cps
Carbon	12-1	6546427	6749629	7012057	6769371	3.45	cps
Carbon	12-2	84728	86522	87051	86100	1.41	cps
Chlorine	35-1	4813398	5178748	5648485	5213544	8.03	cps
Chlorine	35-2	44302	45297	45263	44954	1.26	cps
Chromium	52-2	1643	1657	1747	1682	3.34	cps
Cobalt	59-2	1053	1073	1157	1094	5.01	cps
Copper	63-2	19250	18953	19093	19098	0.78	cps
Dysprosium	156-1	42	75	58	58	28.57	cps
Dysprosium	156-2	27	27	10	21	45.58	cps
Erbium	164-1	108	100	125	111	11.46	cps
Erbium	164-2	57	43	30	43	30.77	cps
Gadolinium	160-1	83	108	50	81	36.33	cps
Gadolinium	160-2	80	63	70	71	11.80	cps
Holmium	165-1	6947547	7109252	7156696	7071165	1.55	cps
Holmium	165-2	3531291	3603571	3612419	3582427	1.24	cps
Indium	115-1	6273227	6339195	6509522	6373981	1.91	cps
Indium	115-2	1078942	1101368	1069817	1083376	1.50	cps
Iron	54-2	14291	13840	14168	14100	1.65	cps
Iron	56-2	253736	259416	255351	256168	1.14	cps
Iron	57-2	9915	9576	9948	9813	2.10	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-20RE	Instrumnet Name :	P8
Client Sample ID :	MH1F12	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 16:21:33	DataFile Name :	075AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1110	1167	1080	1119	3.93	cps
Lead	206-1	215203	214829	218285	216106	0.88	cps
Lead	207-1	189101	191312	191986	190800	0.79	cps
Lead	208-1	861343	866685	881890	869973	1.23	cps
Lithium	6-1	2741359	2780881	2772065	2764768	0.75	cps
Magnesium	24-2	5236188	5154554	5189309	5193350	0.79	cps
Manganese	55-2	91908	91334	90905	91382	0.55	cps
Molybdenum	94-1	2542	2375	2350	2422	4.30	cps
Molybdenum	95-1	2875	3017	2909	2934	2.52	cps
Molybdenum	96-1	3376	3426	3225	3342	3.12	cps
Molybdenum	97-1	1658	1784	1909	1784	7.01	cps
Molybdenum	98-1	4751	4718	4534	4668	2.50	cps
Neodymium	150-1	87	47	120	84	43.48	cps
Neodymium	150-2	53	30	37	40	30.04	cps
Nickel	60-2	1727	1690	1990	1802	9.08	cps
Phosphorus	31-2	167	142	108	139	21.07	cps
Potassium	39-2	256816	264838	263407	261687	1.64	cps
Rhodium	103-1	6272200	6111397	6228486	6204028	1.34	cps
Rhodium	103-2	3079899	3197762	3243147	3173603	2.66	cps
Scandium	45-1	5454141	5711257	5788055	5651151	3.09	cps
Scandium	45-2	203479	207049	200028	203519	1.72	cps
Selenium	82-1	56	82	151	96	51.07	cps
Selenium	77-2	3	3	7	4	43.40	cps
Selenium	78-2	60	53	77	63	19.48	cps
Silicon	28-1	26092567	25506808	26077169	25892181	1.29	cps
Silver	107-1	1625	1750	1600	1658	4.85	cps
Silver	109-1	1542	1583	1658	1595	3.71	cps
Sodium	23-2	37317691	37559957	36509171	37128940	1.48	cps
Strontium	86-1	1274139	1345275	1334000	1317804	2.90	cps
Strontium	88-1	10810282	11397612	11265773	11157889	2.76	cps
Sulfur	34-1	2142202	2186144	2265278	2197874	2.84	cps
Terbium	159-1	7382217	7442435	7564992	7463214	1.25	cps
Terbium	159-2	3521827	3552338	3554419	3542861	0.52	cps
Thallium	203-1	1217	1108	1108	1145	5.47	cps
Thallium	205-1	2750	2742	2725	2739	0.46	cps
Tin	118-1	2175	2434	2550	2386	8.04	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-20RE	Instrumnet Name :	P8
Client Sample ID :	MH1F12	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 16:21:33	DataFile Name :	075AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2017	2034	2217	2089	5.31	cps
Uranium	238-1	24642	25685	24600	24975	2.46	cps
Vanadium	51-2	367	327	317	337	7.86	cps
Ytterbium	172-1	33	75	42	50	44.10	cps
Ytterbium	172-2	22	39	39	33	28.87	cps
Ytterbium	176-1	550	733	667	650	14.28	cps
Ytterbium	176-2	3734	3978	3984	3899	3.66	cps
Yttrium	89-1	12888326	12930940	12868688	12895985	0.25	cps
Yttrium	89-2	1498584	1483840	1509725	1497383	0.87	cps
Zinc	66-2	485233	493342	495484	491353	1.10	cps
Zirconium	90-1	1675	1475	1542	1564	6.51	cps
Zirconium	91-1	250	383	408	347	24.51	cps

LB Number : LB117894 Operator : Jaswal
 Lab Sample ID : M5050-01 Instrumnet Name : P8
 Client Sample ID : MH1F54 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-19 16:24:31 DataFile Name : 076AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1049	1051	1079	1059	1.57	cps
Antimony	121-1	1650	1725	1867	1747	6.30	cps
Arsenic	75-2	253	250	243	249	2.06	cps
Barium	135-1	22327	23354	22436	22706	2.48	cps
Barium	137-1	38021	40286	38748	39018	2.96	cps
Beryllium	9-1	56	54	68	59	12.76	cps
Bismuth	209-1	4090179	4332161	4112069	4178136	3.20	cps
Bismuth	209-2	2377481	2462041	2454521	2431347	1.92	cps
Boron	10-1	17971	18822	18776	18523	2.58	cps
Boron	11-1	86836	94832	95164	92277	5.11	cps
Bromine	81-1	59779	70740	75148	68556	11.54	cps
Cadmium	111-1	2214	2227	2093	2178	3.41	cps
Cadmium	106-1	3075	3100	2875	3017	4.09	cps
Cadmium	108-1	38	38	58	44	27.06	cps
Calcium	43-1	7450370	7755735	7521361	7575822	2.11	cps
Calcium	44-1	122922162	126324532	124080373	124442356	1.39	cps
Carbon	12-1	8902716	9664117	10437752	9668195	7.94	cps
Carbon	12-2	132381	141177	134540	136033	3.37	cps
Chlorine	35-1	7700262	8863988	9671626	8745292	11.33	cps
Chlorine	35-2	83030	82300	86726	84019	2.82	cps
Chromium	52-2	783	903	957	881	10.08	cps
Cobalt	59-2	1150	1110	1037	1099	5.23	cps
Copper	63-2	1333	1400	1373	1369	2.45	cps
Dysprosium	156-1	0	25	67	31	110.22	cps
Dysprosium	156-2	13	13	10	12	15.73	cps
Erbium	164-1	58	42	83	61	34.32	cps
Erbium	164-2	17	23	33	24	34.31	cps
Gadolinium	160-1	42	83	58	61	34.32	cps
Gadolinium	160-2	60	33	47	47	28.58	cps
Holmium	165-1	7527478	7889578	7542455	7653170	2.68	cps
Holmium	165-2	3705035	3732336	3817158	3751510	1.56	cps
Indium	115-1	7090737	7276130	6903112	7089993	2.63	cps
Indium	115-2	1111006	1127079	1136607	1124897	1.15	cps
Iron	54-2	8792	8636	8341	8590	2.66	cps
Iron	56-2	152448	155631	152448	153509	1.20	cps
Iron	57-2	13179	13295	13862	13445	2.72	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-01	Instrumnet Name :	P8
Client Sample ID :	MH1F54	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 16:24:31	DataFile Name :	076AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1043	1077	1130	1083	4.04	cps
Lead	206-1	1934	1822	1778	1845	4.34	cps
Lead	207-1	1856	1661	1678	1732	6.22	cps
Lead	208-1	7946	7479	7168	7531	5.20	cps
Lithium	6-1	2909609	3090546	2847123	2949092	4.29	cps
Magnesium	24-2	14578078	14662260	14583212	14607850	0.32	cps
Manganese	55-2	258109	255945	257851	257302	0.46	cps
Molybdenum	94-1	1533	1567	1350	1483	7.87	cps
Molybdenum	95-1	1733	1675	1734	1714	1.97	cps
Molybdenum	96-1	1742	2234	2117	2031	12.65	cps
Molybdenum	97-1	1175	1225	975	1125	11.76	cps
Molybdenum	98-1	2559	2925	2700	2728	6.78	cps
Neodymium	150-1	40	33	60	44	31.23	cps
Neodymium	150-2	10	3	13	9	57.30	cps
Nickel	60-2	1037	1113	1123	1091	4.35	cps
Phosphorus	31-2	158	125	125	136	14.14	cps
Potassium	39-2	443927	433600	426972	434833	1.97	cps
Rhodium	103-1	6592435	6636149	6559367	6595984	0.58	cps
Rhodium	103-2	3248276	3313701	3321227	3294401	1.22	cps
Scandium	45-1	6260155	6200171	5989888	6150071	2.31	cps
Scandium	45-2	208639	214495	219809	214314	2.61	cps
Selenium	82-1	295	190	166	217	31.69	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	47	54	62	54	13.82	cps
Silicon	28-1	27400564	27180992	28314175	27631910	2.17	cps
Silver	107-1	392	308	200	300	32.03	cps
Silver	109-1	300	175	142	206	40.61	cps
Sodium	23-2	46218742	45407501	45192446	45606229	1.19	cps
Strontium	86-1	3284055	3254696	3372132	3303628	1.85	cps
Strontium	88-1	27908286	27993666	28587669	28163207	1.31	cps
Sulfur	34-1	7477951	7477167	7505015	7486711	0.21	cps
Terbium	159-1	8128422	8274316	7881730	8094823	2.45	cps
Terbium	159-2	3780372	3845100	3772434	3799302	1.05	cps
Thallium	203-1	108	158	42	103	56.95	cps
Thallium	205-1	433	342	217	331	32.90	cps
Tin	118-1	1150	1150	1100	1133	2.55	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-01	Instrumnet Name :	P8
Client Sample ID :	MH1F54	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 16:24:31	DataFile Name :	076AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	975	1442	1067	1161	21.30	cps
Uranium	238-1	43734	44772	44680	44395	1.29	cps
Vanadium	51-2	407	403	373	394	4.65	cps
Ytterbium	172-1	100	67	92	86	20.14	cps
Ytterbium	172-2	22	17	11	17	33.33	cps
Ytterbium	176-1	783	842	758	794	5.38	cps
Ytterbium	176-2	3990	4028	4262	4093	3.60	cps
Yttrium	89-1	14177624	14470249	14142361	14263411	1.26	cps
Yttrium	89-2	1629368	1607141	1589888	1608799	1.23	cps
Zinc	66-2	4868	4904	5298	5023	4.75	cps
Zirconium	90-1	1075	1300	1092	1156	10.85	cps
Zirconium	91-1	308	358	208	292	26.19	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-02	Instrumnet Name :	P8
Client Sample ID :	MH1F56	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 16:27:27	DataFile Name :	077AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	204	214	206	208	2.50	cps
Antimony	121-1	58	100	50	69	38.58	cps
Arsenic	75-2	6	4	10	7	45.83	cps
Barium	135-1	150	83	75	103	40.00	cps
Barium	137-1	225	183	167	192	15.68	cps
Beryllium	9-1	62	72	66	67	7.55	cps
Bismuth	209-1	4329698	4192729	4172168	4231532	2.02	cps
Bismuth	209-2	2573024	2579590	2509185	2553933	1.52	cps
Boron	10-1	2050	1948	1790	1929	6.79	cps
Boron	11-1	10079	9499	8785	9455	6.86	cps
Bromine	81-1	25169	23544	21449	23387	7.97	cps
Cadmium	111-1	2242	2416	2159	2272	5.78	cps
Cadmium	106-1	3175	3426	3025	3209	6.30	cps
Cadmium	108-1	21	46	25	31	43.84	cps
Calcium	43-1	3786	2711	1929	2809	33.21	cps
Calcium	44-1	88789	69628	57723	72047	21.75	cps
Carbon	12-1	8603537	9708091	10203420	9505016	8.62	cps
Carbon	12-2	128117	130120	129221	129152	0.78	cps
Chlorine	35-1	3888201	3681623	3529546	3699790	4.87	cps
Chlorine	35-2	24212	24455	22151	23606	5.36	cps
Chromium	52-2	767	850	907	841	8.37	cps
Cobalt	59-2	83	77	60	73	16.39	cps
Copper	63-2	933	857	873	888	4.54	cps
Dysprosium	156-1	0	0	17	6	173.21	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	50	50	58	53	9.11	cps
Erbium	164-2	10	17	10	12	31.50	cps
Gadolinium	160-1	25	58	50	44	39.03	cps
Gadolinium	160-2	67	40	57	54	24.75	cps
Holmium	165-1	7211086	7318093	7424179	7317786	1.46	cps
Holmium	165-2	3852660	3746855	3709653	3769723	1.97	cps
Indium	115-1	6847745	6859369	7045244	6917453	1.60	cps
Indium	115-2	1158537	1138862	1113492	1136964	1.99	cps
Iron	54-2	3100	2784	3006	2963	5.49	cps
Iron	56-2	47780	47613	48572	47988	1.07	cps
Iron	57-2	1322	1289	1306	1306	1.28	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-02	Instrumnet Name :	P8
Client Sample ID :	MH1F56	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 16:27:27	DataFile Name :	077AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1157	1140	1130	1142	1.18	cps
Lead	206-1	806	850	822	826	2.72	cps
Lead	207-1	772	667	744	728	7.52	cps
Lead	208-1	3439	3300	3222	3321	3.31	cps
Lithium	6-1	2965564	2934221	2844421	2914735	2.16	cps
Magnesium	24-2	4234	4609	4042	4295	6.71	cps
Manganese	55-2	520	390	413	441	15.71	cps
Molybdenum	94-1	225	283	308	272	15.71	cps
Molybdenum	95-1	25	33	33	31	15.74	cps
Molybdenum	96-1	75	158	125	119	35.12	cps
Molybdenum	97-1	25	25	42	31	31.50	cps
Molybdenum	98-1	58	42	17	39	53.93	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	87	87	67	80	14.43	cps
Phosphorus	31-2	125	108	125	119	8.05	cps
Potassium	39-2	20841	21124	21675	21213	2.00	cps
Rhodium	103-1	6768248	6448286	6754915	6657150	2.72	cps
Rhodium	103-2	3476145	3557638	3501174	3511652	1.19	cps
Scandium	45-1	5881063	6045887	5781276	5902742	2.26	cps
Scandium	45-2	217170	219298	214304	216924	1.16	cps
Selenium	82-1	2	-25	-41	-21	-102.67	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	52	64	53	56	11.82	cps
Silicon	28-1	719223	718505	722984	720237	0.33	cps
Silver	107-1	250	117	108	158	50.21	cps
Silver	109-1	175	75	100	117	44.61	cps
Sodium	23-2	48339	45372	43624	45778	5.21	cps
Strontium	86-1	3759	2917	2700	3125	17.89	cps
Strontium	88-1	12457	8219	6094	8923	36.30	cps
Sulfur	34-1	458765	453948	459496	457403	0.66	cps
Terbium	159-1	7842038	7785265	7675274	7767526	1.09	cps
Terbium	159-2	3807782	3718035	3693454	3739757	1.61	cps
Thallium	203-1	92	83	83	86	5.58	cps
Thallium	205-1	317	242	258	272	14.47	cps
Tin	118-1	617	525	642	594	10.33	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-02	Instrumnet Name :	P8
Client Sample ID :	MH1F56	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 16:27:27	DataFile Name :	077AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	350	400	267	339	19.88	cps
Uranium	238-1	33	17	42	31	41.66	cps
Vanadium	51-2	33	17	40	30	40.05	cps
Ytterbium	172-1	0	8	25	11	114.58	cps
Ytterbium	172-2	28	11	28	22	43.31	cps
Ytterbium	176-1	758	708	817	761	7.12	cps
Ytterbium	176-2	3901	3967	3828	3899	1.78	cps
Yttrium	89-1	13692569	13994585	13807583	13831579	1.10	cps
Yttrium	89-2	1588884	1620212	1610601	1606566	1.00	cps
Zinc	66-2	487	547	473	502	7.78	cps
Zirconium	90-1	825	658	725	736	11.40	cps
Zirconium	91-1	158	192	150	167	13.23	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-03	Instrumnet Name :	P8
Client Sample ID :	MH1F58	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 16:30:31	DataFile Name :	078AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	280	241	239	253	9.13	cps
Antimony	121-1	100	133	108	114	15.23	cps
Arsenic	75-2	5	9	7	7	28.57	cps
Barium	135-1	175	192	275	214	25.05	cps
Barium	137-1	308	367	292	322	12.22	cps
Beryllium	9-1	80	62	66	69	13.63	cps
Bismuth	209-1	4296609	4282576	4318655	4299280	0.42	cps
Bismuth	209-2	2548071	2534488	2576161	2552907	0.83	cps
Boron	10-1	1326	1394	1194	1304	7.79	cps
Boron	11-1	6422	5788	5860	6023	5.76	cps
Bromine	81-1	17760	17169	16938	17289	2.45	cps
Cadmium	111-1	2223	2261	2154	2213	2.44	cps
Cadmium	106-1	3125	3167	3042	3112	2.05	cps
Cadmium	108-1	21	8	42	24	71.34	cps
Calcium	43-1	786	695	765	749	6.38	cps
Calcium	44-1	37930	36124	37747	37267	2.67	cps
Carbon	12-1	8589855	9084883	9948377	9207705	7.47	cps
Carbon	12-2	116765	120755	121195	119572	2.04	cps
Chlorine	35-1	2146850	2109459	2008088	2088133	3.44	cps
Chlorine	35-2	13765	13031	13198	13331	2.89	cps
Chromium	52-2	680	820	807	769	10.05	cps
Cobalt	59-2	53	37	70	53	31.25	cps
Copper	63-2	897	907	947	917	2.89	cps
Dysprosium	156-1	8	25	25	19	49.50	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	25	42	58	42	40.00	cps
Erbium	164-2	17	13	13	14	13.35	cps
Gadolinium	160-1	58	33	83	58	42.86	cps
Gadolinium	160-2	40	47	30	39	21.57	cps
Holmium	165-1	7219479	7447874	7683884	7450412	3.12	cps
Holmium	165-2	3739688	3668905	3763350	3723981	1.32	cps
Indium	115-1	6788225	6907964	7076008	6924066	2.09	cps
Indium	115-2	1158363	1134679	1152953	1148665	1.08	cps
Iron	54-2	689	844	744	759	10.38	cps
Iron	56-2	7018	6718	6868	6868	2.18	cps
Iron	57-2	322	289	350	320	9.55	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-03	Instrumnet Name :	P8
Client Sample ID :	MH1F58	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 16:30:31	DataFile Name :	078AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1150	1180	1080	1137	4.51	cps
Lead	206-1	1028	983	1056	1022	3.56	cps
Lead	207-1	889	878	933	900	3.27	cps
Lead	208-1	4000	4006	4034	4013	0.45	cps
Lithium	6-1	2858078	2866560	2984479	2903039	2.43	cps
Magnesium	24-2	1583	1483	1575	1547	3.59	cps
Manganese	55-2	187	167	187	180	6.41	cps
Molybdenum	94-1	283	208	217	236	17.41	cps
Molybdenum	95-1	58	33	42	44	28.64	cps
Molybdenum	96-1	92	75	100	89	14.32	cps
Molybdenum	97-1	17	0	17	11	86.60	cps
Molybdenum	98-1	42	42	58	47	20.37	cps
Neodymium	150-1	0	27	0	9	173.21	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	47	43	103	64	52.33	cps
Phosphorus	31-2	117	50	142	103	46.11	cps
Potassium	39-2	21341	21083	20290	20905	2.62	cps
Rhodium	103-1	6844293	6518718	6833356	6732122	2.75	cps
Rhodium	103-2	3479890	3434943	3417650	3444161	0.93	cps
Scandium	45-1	5884319	5798104	5971096	5884506	1.47	cps
Scandium	45-2	217017	213807	215402	215409	0.75	cps
Selenium	82-1	36	-33	15	6	566.02	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	53	63	60	59	8.75	cps
Silicon	28-1	710870	714615	715131	713539	0.33	cps
Silver	107-1	108	133	142	128	13.57	cps
Silver	109-1	133	83	92	103	26.06	cps
Sodium	23-2	34174	34542	34074	34263	0.72	cps
Strontium	86-1	2192	2084	2034	2103	3.85	cps
Strontium	88-1	1859	1834	1934	1875	2.78	cps
Sulfur	34-1	465788	462230	466001	464673	0.46	cps
Terbium	159-1	7546116	7598048	8163762	7769309	4.41	cps
Terbium	159-2	3730353	3683892	3711776	3708674	0.63	cps
Thallium	203-1	133	133	133	133	0.00	cps
Thallium	205-1	300	233	250	261	13.29	cps
Tin	118-1	925	925	900	917	1.58	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-03	Instrumnet Name :	P8
Client Sample ID :	MH1F58	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 16:30:31	DataFile Name :	078AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	325	383	342	350	8.59	cps
Uranium	238-1	8	0	0	3	173.21	cps
Vanadium	51-2	7	13	30	17	72.11	cps
Ytterbium	172-1	33	25	33	31	15.74	cps
Ytterbium	172-2	11	6	17	11	49.99	cps
Ytterbium	176-1	808	758	600	722	15.06	cps
Ytterbium	176-2	4045	3967	3890	3967	1.96	cps
Yttrium	89-1	13917498	14176209	14296223	14129977	1.37	cps
Yttrium	89-2	1633711	1606446	1618713	1619623	0.84	cps
Zinc	66-2	303	350	320	324	7.29	cps
Zirconium	90-1	675	575	800	683	16.50	cps
Zirconium	91-1	83	117	167	122	34.31	cps

LB Number : LB117894 Operator : Jaswal
 Lab Sample ID : CCV074 Instrumnet Name : P8
 Client Sample ID : CCV074 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-19 16:42:06 DataFile Name : 079CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2211187	2148825	2233122	2197711	1.99	cps
Antimony	121-1	2052099	2010748	2079683	2047510	1.69	cps
Arsenic	75-2	68526	67694	67376	67865	0.87	cps
Barium	135-1	2705917	2796065	2816333	2772771	2.12	cps
Barium	137-1	4650445	4785863	4701894	4712734	1.45	cps
Beryllium	9-1	637430	629340	641567	636112	0.98	cps
Bismuth	209-1	4122838	4285547	4308082	4238822	2.38	cps
Bismuth	209-2	2455270	2494446	2434150	2461288	1.24	cps
Boron	10-1	64297	66716	68814	66609	3.39	cps
Boron	11-1	311664	320007	330374	320682	2.92	cps
Bromine	81-1	16748	16146	15896	16263	2.69	cps
Cadmium	111-1	494118	497380	496469	495989	0.34	cps
Cadmium	106-1	56375	54994	57128	56166	1.93	cps
Cadmium	108-1	38625	39820	39026	39157	1.55	cps
Calcium	43-1	4371210	4456504	4489395	4439036	1.37	cps
Calcium	44-1	71408757	70641122	74698280	72249386	2.98	cps
Carbon	12-1	6200655	6511197	6709307	6473720	3.96	cps
Carbon	12-2	81318	80605	80471	80798	0.56	cps
Chlorine	35-1	863684	836000	816827	838837	2.81	cps
Chlorine	35-2	5976	5626	5601	5735	3.66	cps
Chromium	52-2	812560	796921	792870	800784	1.30	cps
Cobalt	59-2	1373291	1394459	1365143	1377631	1.10	cps
Copper	63-2	10509632	10680434	10485654	10558573	1.01	cps
Dysprosium	156-1	617	375	442	478	26.12	cps
Dysprosium	156-2	220	270	193	228	17.09	cps
Erbium	164-1	133	142	125	133	6.25	cps
Erbium	164-2	67	40	77	61	31.02	cps
Gadolinium	160-1	358	400	450	403	11.39	cps
Gadolinium	160-2	210	240	247	232	8.41	cps
Holmium	165-1	7840723	7965890	7778211	7861608	1.22	cps
Holmium	165-2	3802750	3790873	3863060	3818894	1.01	cps
Indium	115-1	7038482	7142951	6773293	6984909	2.73	cps
Indium	115-2	1121756	1123708	1113895	1119787	0.46	cps
Iron	54-2	8305824	8323081	8310355	8313087	0.11	cps
Iron	56-2	149791892	150378620	152627365	150932626	0.99	cps
Iron	57-2	3864149	3900772	3642820	3802580	3.67	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	CCV074	Instrumnet Name :	P8
Client Sample ID :	CCV074	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 16:42:06	DataFile Name :	079CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1147	1107	1187	1147	3.49	cps
Lead	206-1	6975937	6993523	7172208	7047223	1.54	cps
Lead	207-1	6114636	6194369	6312159	6207055	1.60	cps
Lead	208-1	27693054	28009218	28536181	28079484	1.52	cps
Lithium	6-1	2903724	2956111	2859852	2906562	1.66	cps
Magnesium	24-2	34478235	33313886	33796698	33862940	1.73	cps
Manganese	55-2	3841784	3968538	3844138	3884820	1.87	cps
Molybdenum	94-1	9146423	9331406	9174874	9217568	1.08	cps
Molybdenum	95-1	13560666	13460394	13350132	13457064	0.78	cps
Molybdenum	96-1	14804095	14855920	15082545	14914187	0.99	cps
Molybdenum	97-1	8072690	8172406	8362106	8202401	1.79	cps
Molybdenum	98-1	21371875	20875797	21680172	21309281	1.90	cps
Neodymium	150-1	187	193	273	218	22.15	cps
Neodymium	150-2	37	30	43	37	18.18	cps
Nickel	60-2	389408	371574	382609	381197	2.36	cps
Phosphorus	31-2	23762	22627	21675	22688	4.60	cps
Potassium	39-2	12373873	12190828	12623967	12396223	1.75	cps
Rhodium	103-1	6589440	6776994	6539787	6635407	1.89	cps
Rhodium	103-2	3277733	3239524	3217068	3244775	0.95	cps
Scandium	45-1	6156171	6122727	6286554	6188484	1.40	cps
Scandium	45-2	217401	215213	212183	214932	1.22	cps
Selenium	82-1	46636	46782	46902	46773	0.28	cps
Selenium	77-2	1407	1223	1340	1323	7.01	cps
Selenium	78-2	4609	4524	4522	4552	1.09	cps
Silicon	28-1	2884348	3115824	3192846	3064339	5.24	cps
Silver	107-1	2630615	2638464	2620535	2629871	0.34	cps
Silver	109-1	2606738	2486103	2496504	2529782	2.64	cps
Sodium	23-2	67102431	66561704	68221627	67295254	1.26	cps
Strontium	86-1	8392450	8674446	8682574	8583157	1.92	cps
Strontium	88-1	73725385	72269495	74226304	73407061	1.38	cps
Sulfur	34-1	736205	729449	715719	727124	1.44	cps
Terbium	159-1	8047624	8174062	8255603	8159096	1.28	cps
Terbium	159-2	3814953	3987475	3683472	3828634	3.98	cps
Thallium	203-1	1696117	1682798	1708458	1695791	0.76	cps
Thallium	205-1	4143046	3926490	4078614	4049384	2.75	cps
Tin	118-1	1836410	1815512	1790303	1814075	1.27	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	CCV074	Instrumnet Name :	P8
Client Sample ID :	CCV074	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 16:42:06	DataFile Name :	079CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4741830	4792562	4658721	4731038	1.43	cps
Uranium	238-1	5381055	5376865	5382402	5380107	0.05	cps
Vanadium	51-2	674618	666849	672424	671297	0.60	cps
Ytterbium	172-1	25	33	8	22	57.29	cps
Ytterbium	172-2	50	28	11	30	65.85	cps
Ytterbium	176-1	8061	8595	8269	8308	3.24	cps
Ytterbium	176-2	7335	7602	8086	7675	4.96	cps
Yttrium	89-1	14110553	14098761	14279727	14163014	0.71	cps
Yttrium	89-2	1619986	1597911	1567723	1595207	1.64	cps
Zinc	66-2	1077112	1053294	1053493	1061300	1.29	cps
Zirconium	90-1	4473790	4389962	4439264	4434339	0.95	cps
Zirconium	91-1	1004292	987857	984204	992118	1.08	cps

LB Number : LB117894 Operator : Jaswal
 Lab Sample ID : CCB074 Instrumnet Name : P8
 Client Sample ID : CCB074 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-19 16:53:34 DataFile Name : 080CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	169	181	194	181	6.90	cps
Antimony	121-1	125	208	258	197	34.15	cps
Arsenic	75-2	6	6	9	7	24.74	cps
Barium	135-1	8	42	42	31	62.99	cps
Barium	137-1	50	58	75	61	20.83	cps
Beryllium	9-1	108	82	94	95	13.75	cps
Bismuth	209-1	4533451	4557217	4453943	4514870	1.20	cps
Bismuth	209-2	2588051	2471094	2552339	2537161	2.36	cps
Boron	10-1	1602	1614	1568	1594	1.50	cps
Boron	11-1	7929	7685	7621	7745	2.10	cps
Bromine	81-1	13982	15264	14142	14462	4.83	cps
Cadmium	111-1	2124	1997	1802	1975	8.22	cps
Cadmium	106-1	3009	2817	2509	2778	9.08	cps
Cadmium	108-1	33	29	29	31	7.86	cps
Calcium	43-1	379	352	351	361	4.30	cps
Calcium	44-1	27298	27870	27822	27663	1.15	cps
Carbon	12-1	3846350	3812992	3916265	3858536	1.37	cps
Carbon	12-2	43348	43632	43624	43535	0.37	cps
Chlorine	35-1	543403	533430	532843	536559	1.11	cps
Chlorine	35-2	3826	3576	3942	3781	4.96	cps
Chromium	52-2	663	620	733	672	8.51	cps
Cobalt	59-2	70	93	90	84	14.94	cps
Copper	63-2	833	910	870	871	4.40	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	50	42	33	42	20.00	cps
Erbium	164-2	23	23	30	26	15.07	cps
Gadolinium	160-1	58	25	0	28	105.36	cps
Gadolinium	160-2	60	73	53	62	16.37	cps
Holmium	165-1	7357235	7793767	7898821	7683274	3.74	cps
Holmium	165-2	3707769	3677328	3678399	3687832	0.47	cps
Indium	115-1	7087881	7195149	7078981	7120670	0.91	cps
Indium	115-2	1122150	1108214	1125554	1118639	0.82	cps
Iron	54-2	633	500	722	619	18.08	cps
Iron	56-2	5818	6352	6941	6370	8.82	cps
Iron	57-2	289	200	356	281	27.73	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	CCB074	Instrumnet Name :	P8
Client Sample ID :	CCB074	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 16:53:34	DataFile Name :	080CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1127	1153	1107	1129	2.07	cps
Lead	206-1	683	461	683	609	21.06	cps
Lead	207-1	550	639	678	622	10.53	cps
Lead	208-1	2728	2622	2711	2687	2.11	cps
Lithium	6-1	2852016	2834415	2839423	2841951	0.32	cps
Magnesium	24-2	1750	1950	2100	1934	9.08	cps
Manganese	55-2	187	167	143	166	13.10	cps
Molybdenum	94-1	542	450	367	453	19.33	cps
Molybdenum	95-1	292	275	250	272	7.70	cps
Molybdenum	96-1	483	458	467	469	2.71	cps
Molybdenum	97-1	225	183	158	189	17.83	cps
Molybdenum	98-1	533	400	383	439	18.73	cps
Neodymium	150-1	13	20	13	16	24.76	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	90	67	87	81	15.56	cps
Phosphorus	31-2	108	83	50	81	36.33	cps
Potassium	39-2	19363	19714	20131	19736	1.95	cps
Rhodium	103-1	6950274	6840476	6758304	6849685	1.41	cps
Rhodium	103-2	3439896	3270557	3501594	3404016	3.51	cps
Scandium	45-1	5658487	5997200	5843240	5832976	2.91	cps
Scandium	45-2	205621	202869	208678	205723	1.41	cps
Selenium	82-1	-11	-8	41	7	397.92	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	56	55	58	56	2.71	cps
Silicon	28-1	656112	650523	658884	655173	0.65	cps
Silver	107-1	275	300	217	264	16.21	cps
Silver	109-1	117	208	200	175	28.97	cps
Sodium	23-2	33215	32988	32813	33005	0.61	cps
Strontium	86-1	2134	1809	1959	1967	8.27	cps
Strontium	88-1	1233	1158	1108	1167	5.39	cps
Sulfur	34-1	414274	408607	411557	411479	0.69	cps
Terbium	159-1	7912900	8080607	7829164	7940890	1.61	cps
Terbium	159-2	3733601	3699969	3743237	3725602	0.61	cps
Thallium	203-1	150	233	158	181	25.42	cps
Thallium	205-1	450	583	433	489	16.82	cps
Tin	118-1	1950	2075	1950	1992	3.62	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	CCB074	Instrumnet Name :	P8
Client Sample ID :	CCB074	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 16:53:34	DataFile Name :	080CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	192	267	200	219	18.73	cps
Uranium	238-1	50	58	117	75	48.43	cps
Vanadium	51-2	13	33	30	26	41.94	cps
Ytterbium	172-1	0	25	8	11	114.58	cps
Ytterbium	172-2	28	17	0	15	94.37	cps
Ytterbium	176-1	608	717	525	617	15.58	cps
Ytterbium	176-2	4012	3878	4312	4067	5.46	cps
Yttrium	89-1	13962924	14031164	14307144	14100411	1.29	cps
Yttrium	89-2	1559362	1523115	1569667	1550715	1.58	cps
Zinc	66-2	250	230	253	244	5.16	cps
Zirconium	90-1	775	767	650	731	9.57	cps
Zirconium	91-1	158	117	133	136	15.41	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-04	Instrumnet Name :	P8
Client Sample ID :	MH1F60	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:01:00	DataFile Name :	081AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	201	199	189	196	3.37	cps
Antimony	121-1	117	167	125	136	19.68	cps
Arsenic	75-2	10	10	6	9	26.65	cps
Barium	135-1	133	150	142	142	5.88	cps
Barium	137-1	233	217	167	206	16.88	cps
Beryllium	9-1	90	112	92	98	12.42	cps
Bismuth	209-1	4297078	4299404	4428477	4341653	1.73	cps
Bismuth	209-2	2510462	2486694	2594216	2530457	2.23	cps
Boron	10-1	1290	1210	1256	1252	3.21	cps
Boron	11-1	6298	6444	6120	6287	2.58	cps
Bromine	81-1	15405	14663	15034	15034	2.47	cps
Cadmium	111-1	1705	2034	2112	1950	11.07	cps
Cadmium	106-1	2409	2925	3000	2778	11.60	cps
Cadmium	108-1	21	50	38	36	40.53	cps
Calcium	43-1	397	406	452	419	7.06	cps
Calcium	44-1	27824	28079	28537	28147	1.28	cps
Carbon	12-1	6053855	7040267	7559779	6884634	11.11	cps
Carbon	12-2	90504	90010	93967	91493	2.36	cps
Chlorine	35-1	430479	429816	422216	427504	1.07	cps
Chlorine	35-2	2617	2967	3025	2870	7.70	cps
Chromium	52-2	770	647	673	697	9.31	cps
Cobalt	59-2	107	87	57	83	30.20	cps
Copper	63-2	707	807	680	731	9.13	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	42	42	67	50	28.87	cps
Erbium	164-2	17	17	33	22	43.28	cps
Gadolinium	160-1	67	67	33	56	34.65	cps
Gadolinium	160-2	53	50	63	56	12.49	cps
Holmium	165-1	7619889	7680899	7536178	7612322	0.95	cps
Holmium	165-2	3687413	3738653	3674021	3700029	0.92	cps
Indium	115-1	6870297	7147139	6994433	7003956	1.98	cps
Indium	115-2	1108179	1102894	1101955	1104343	0.30	cps
Iron	54-2	483	467	417	456	7.62	cps
Iron	56-2	4779	4351	4429	4519	5.04	cps
Iron	57-2	239	267	233	246	7.25	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-04	Instrumnet Name :	P8
Client Sample ID :	MH1F60	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:01:00	DataFile Name :	081AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1323	1143	1167	1211	8.08	cps
Lead	206-1	1567	1556	1456	1526	4.01	cps
Lead	207-1	1245	1278	1350	1291	4.18	cps
Lead	208-1	5917	5895	5756	5856	1.49	cps
Lithium	6-1	2823856	2704122	2800183	2776054	2.28	cps
Magnesium	24-2	1008	967	925	967	4.31	cps
Manganese	55-2	190	273	280	248	20.24	cps
Molybdenum	94-1	358	308	375	347	9.99	cps
Molybdenum	95-1	250	167	275	231	24.60	cps
Molybdenum	96-1	383	242	350	325	22.79	cps
Molybdenum	97-1	83	83	133	100	28.87	cps
Molybdenum	98-1	308	283	283	292	4.95	cps
Neodymium	150-1	20	13	0	11	91.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	113	53	97	88	35.29	cps
Phosphorus	31-2	100	150	183	144	29.04	cps
Potassium	39-2	18688	19522	18687	18966	2.54	cps
Rhodium	103-1	6737542	6754042	6961861	6817815	1.83	cps
Rhodium	103-2	3199968	3386163	3413765	3333298	3.49	cps
Scandium	45-1	5705868	5923701	5773698	5801089	1.92	cps
Scandium	45-2	202203	200508	201591	201434	0.43	cps
Selenium	82-1	-222	-39	-33	-98	-109.23	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	68	50	56	58	15.80	cps
Silicon	28-1	662379	654752	665312	660814	0.82	cps
Silver	107-1	167	167	292	208	34.64	cps
Silver	109-1	192	133	350	225	49.83	cps
Sodium	23-2	27560	26625	26825	27003	1.82	cps
Strontium	86-1	2159	2125	1959	2081	5.15	cps
Strontium	88-1	1150	1108	1350	1203	10.74	cps
Sulfur	34-1	419488	420397	418880	419588	0.18	cps
Terbium	159-1	7885955	7990652	7881549	7919385	0.78	cps
Terbium	159-2	3677031	3593781	3701301	3657371	1.54	cps
Thallium	203-1	225	208	100	178	38.18	cps
Thallium	205-1	383	317	317	339	11.36	cps
Tin	118-1	775	883	733	797	9.71	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-04	Instrumnet Name :	P8
Client Sample ID :	MH1F60	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:01:00	DataFile Name :	081AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	300	300	283	294	3.27	cps
Uranium	238-1	67	83	50	67	25.00	cps
Vanadium	51-2	7	13	10	10	33.30	cps
Ytterbium	172-1	17	17	17	17	0.00	cps
Ytterbium	172-2	17	11	11	13	24.76	cps
Ytterbium	176-1	642	592	617	617	4.05	cps
Ytterbium	176-2	3645	3756	4151	3851	6.90	cps
Yttrium	89-1	13339780	13552440	13605646	13499289	1.04	cps
Yttrium	89-2	1529637	1570244	1567463	1555782	1.46	cps
Zinc	66-2	480	500	483	488	2.20	cps
Zirconium	90-1	800	692	792	761	7.92	cps
Zirconium	91-1	183	183	225	197	12.20	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-05	Instrumnet Name :	P8
Client Sample ID :	MH1F62	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:04:02	DataFile Name :	082AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	252	259	256	256	1.23	cps
Antimony	121-1	125	117	100	114	11.18	cps
Arsenic	75-2	9	8	9	9	6.66	cps
Barium	135-1	117	92	233	147	51.36	cps
Barium	137-1	150	208	267	208	28.00	cps
Beryllium	9-1	86	56	50	64	30.13	cps
Bismuth	209-1	4569374	4559445	4438522	4522447	1.61	cps
Bismuth	209-2	2691402	2563624	2639700	2631575	2.44	cps
Boron	10-1	1124	1098	1136	1119	1.74	cps
Boron	11-1	5114	5016	5164	5098	1.48	cps
Bromine	81-1	14753	14613	14513	14626	0.83	cps
Cadmium	111-1	2006	2150	2046	2067	3.61	cps
Cadmium	106-1	2875	3084	2892	2950	3.92	cps
Cadmium	108-1	46	42	29	39	22.30	cps
Calcium	43-1	479	424	436	446	6.46	cps
Calcium	44-1	28380	28323	28375	28359	0.11	cps
Carbon	12-1	7454383	8251469	8847931	8184595	8.54	cps
Carbon	12-2	108508	107913	113126	109849	2.60	cps
Chlorine	35-1	425754	419426	427260	424147	0.98	cps
Chlorine	35-2	3034	2784	3159	2992	6.38	cps
Chromium	52-2	633	690	830	718	14.10	cps
Cobalt	59-2	83	73	57	71	18.94	cps
Copper	63-2	683	620	763	689	10.43	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	58	75	83	72	17.62	cps
Erbium	164-2	27	13	23	21	32.88	cps
Gadolinium	160-1	58	92	33	61	47.90	cps
Gadolinium	160-2	30	53	43	42	27.72	cps
Holmium	165-1	7613305	7844612	7606359	7688092	1.76	cps
Holmium	165-2	3800423	3801937	3877117	3826492	1.15	cps
Indium	115-1	6977206	7213607	7159921	7116911	1.74	cps
Indium	115-2	1144515	1122309	1151595	1139473	1.34	cps
Iron	54-2	556	606	611	591	5.18	cps
Iron	56-2	6830	6779	6657	6755	1.31	cps
Iron	57-2	278	289	317	294	6.80	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-05	Instrumnet Name :	P8
Client Sample ID :	MH1F62	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:04:02	DataFile Name :	082AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1067	1143	1130	1113	3.68	cps
Lead	206-1	1311	1295	1289	1298	0.89	cps
Lead	207-1	917	995	1167	1026	12.47	cps
Lead	208-1	4862	4717	5023	4867	3.14	cps
Lithium	6-1	2753368	2757802	2870640	2793937	2.38	cps
Magnesium	24-2	925	883	950	920	3.66	cps
Manganese	55-2	183	173	183	180	3.21	cps
Molybdenum	94-1	333	317	350	333	5.00	cps
Molybdenum	95-1	108	108	58	92	31.50	cps
Molybdenum	96-1	200	267	208	225	16.14	cps
Molybdenum	97-1	67	58	117	81	39.16	cps
Molybdenum	98-1	158	175	183	172	7.39	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	87	93	57	79	24.75	cps
Phosphorus	31-2	83	108	75	89	19.52	cps
Potassium	39-2	17870	18988	19330	18729	4.08	cps
Rhodium	103-1	6581721	6846125	6819064	6748970	2.16	cps
Rhodium	103-2	3440264	3382715	3485054	3436011	1.49	cps
Scandium	45-1	5998225	5853106	6019726	5957019	1.52	cps
Scandium	45-2	208005	206089	209646	207913	0.86	cps
Selenium	82-1	64	-24	-30	3	1621.86	cps
Selenium	77-2	7	3	3	4	43.40	cps
Selenium	78-2	52	55	46	51	8.99	cps
Silicon	28-1	671001	683799	679485	678095	0.96	cps
Silver	107-1	308	192	208	236	26.73	cps
Silver	109-1	258	250	175	228	20.15	cps
Sodium	23-2	24888	25548	26166	25534	2.50	cps
Strontium	86-1	2109	1992	2092	2064	3.06	cps
Strontium	88-1	1117	1000	983	1033	7.03	cps
Sulfur	34-1	406144	414214	407982	409447	1.03	cps
Terbium	159-1	7984668	8159284	8059356	8067769	1.09	cps
Terbium	159-2	3725992	3646154	3912930	3761692	3.64	cps
Thallium	203-1	117	142	92	117	21.43	cps
Thallium	205-1	367	200	342	303	29.69	cps
Tin	118-1	842	767	642	750	13.47	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-05	Instrumnet Name :	P8
Client Sample ID :	MH1F62	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:04:02	DataFile Name :	082AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	325	392	350	356	9.47	cps
Uranium	238-1	42	17	25	28	45.82	cps
Vanadium	51-2	7	7	30	14	93.24	cps
Ytterbium	172-1	8	42	25	25	66.68	cps
Ytterbium	172-2	28	11	17	19	45.83	cps
Ytterbium	176-1	792	733	725	750	4.84	cps
Ytterbium	176-2	3984	3945	4451	4127	6.82	cps
Yttrium	89-1	13824227	13753636	13857664	13811842	0.38	cps
Yttrium	89-2	1602385	1539967	1545499	1562617	2.21	cps
Zinc	66-2	337	343	253	311	16.12	cps
Zirconium	90-1	767	875	800	814	6.82	cps
Zirconium	91-1	192	192	100	161	32.85	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-06	Instrumnet Name :	P8
Client Sample ID :	MH1F64	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:07:07	DataFile Name :	083AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	225	201	231	219	7.22	cps
Antimony	121-1	92	67	150	103	41.60	cps
Arsenic	75-2	9	5	5	6	36.46	cps
Barium	135-1	92	117	167	125	30.55	cps
Barium	137-1	117	142	167	142	17.65	cps
Beryllium	9-1	62	60	82	68	17.89	cps
Bismuth	209-1	4376625	4548089	4454197	4459637	1.93	cps
Bismuth	209-2	2605077	2533859	2539830	2559589	1.54	cps
Boron	10-1	1124	1132	1104	1120	1.29	cps
Boron	11-1	5138	5238	4976	5117	2.58	cps
Bromine	81-1	14623	15415	16266	15435	5.32	cps
Cadmium	111-1	2259	2342	1980	2194	8.63	cps
Cadmium	106-1	3175	3309	2859	3114	7.42	cps
Cadmium	108-1	25	29	83	46	71.00	cps
Calcium	43-1	371	396	592	453	26.73	cps
Calcium	44-1	27263	28094	30855	28737	6.54	cps
Carbon	12-1	7928750	9197250	9648499	8924833	9.99	cps
Carbon	12-2	115545	119468	120140	118384	2.10	cps
Chlorine	35-1	401343	390875	388062	393427	1.78	cps
Chlorine	35-2	2742	2634	2767	2714	2.61	cps
Chromium	52-2	807	723	700	743	7.54	cps
Cobalt	59-2	60	103	33	66	53.89	cps
Copper	63-2	640	693	707	680	5.19	cps
Dysprosium	156-1	25	8	8	14	69.31	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	67	33	25	42	52.92	cps
Erbium	164-2	33	27	50	37	32.78	cps
Gadolinium	160-1	67	58	17	47	56.72	cps
Gadolinium	160-2	57	43	53	51	13.58	cps
Holmium	165-1	7470501	7393176	7661092	7508257	1.84	cps
Holmium	165-2	3754946	3812189	3760543	3775892	0.84	cps
Indium	115-1	6986615	7126756	6876264	6996545	1.79	cps
Indium	115-2	1137922	1139046	1118297	1131755	1.03	cps
Iron	54-2	744	706	750	733	3.30	cps
Iron	56-2	7863	7035	7719	7539	5.87	cps
Iron	57-2	339	367	322	343	6.55	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-06	Instrumnet Name :	P8
Client Sample ID :	MH1F64	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:07:07	DataFile Name :	083AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	993	1070	1097	1053	5.09	cps
Lead	206-1	878	822	850	850	3.27	cps
Lead	207-1	683	722	622	676	7.46	cps
Lead	208-1	3306	3250	3406	3321	2.37	cps
Lithium	6-1	2891799	2777156	2868251	2845735	2.13	cps
Magnesium	24-2	825	725	933	828	12.59	cps
Manganese	55-2	260	300	243	268	10.88	cps
Molybdenum	94-1	342	283	300	308	9.75	cps
Molybdenum	95-1	100	92	92	94	5.09	cps
Molybdenum	96-1	200	258	175	211	20.25	cps
Molybdenum	97-1	100	50	50	67	43.30	cps
Molybdenum	98-1	133	108	158	133	18.75	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	60	57	90	69	26.65	cps
Phosphorus	31-2	100	75	108	94	18.37	cps
Potassium	39-2	18838	18546	19038	18807	1.32	cps
Rhodium	103-1	6770695	7169526	6820845	6920356	3.14	cps
Rhodium	103-2	3502451	3429360	3319390	3417067	2.70	cps
Scandium	45-1	5771003	5873302	5821991	5822099	0.88	cps
Scandium	45-2	203908	205770	205477	205052	0.49	cps
Selenium	82-1	56	-31	13	13	345.12	cps
Selenium	77-2	7	3	3	4	43.40	cps
Selenium	78-2	44	59	58	54	15.64	cps
Silicon	28-1	664188	669657	679534	671126	1.16	cps
Silver	107-1	183	225	150	186	20.19	cps
Silver	109-1	192	167	100	153	31.02	cps
Sodium	23-2	24947	24463	25406	24939	1.89	cps
Strontium	86-1	1834	1734	1817	1795	2.99	cps
Strontium	88-1	758	692	1292	914	35.99	cps
Sulfur	34-1	413458	416246	420762	416822	0.88	cps
Terbium	159-1	8006862	7913516	7879246	7933208	0.83	cps
Terbium	159-2	3697998	3735463	3556426	3663296	2.58	cps
Thallium	203-1	92	75	108	92	18.18	cps
Thallium	205-1	408	342	208	319	31.88	cps
Tin	118-1	1250	1058	1200	1170	8.50	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-06	Instrumnet Name :	P8
Client Sample ID :	MH1F64	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:07:07	DataFile Name :	083AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	350	292	267	303	14.12	cps
Uranium	238-1	17	8	17	14	34.67	cps
Vanadium	51-2	13	17	7	12	41.65	cps
Ytterbium	172-1	8	25	33	22	57.29	cps
Ytterbium	172-2	6	22	11	13	65.44	cps
Ytterbium	176-1	800	708	742	750	6.19	cps
Ytterbium	176-2	3956	4012	4090	4019	1.67	cps
Yttrium	89-1	13511799	13533444	13553065	13532769	0.15	cps
Yttrium	89-2	1625265	1581376	1495784	1567475	4.20	cps
Zinc	66-2	250	260	210	240	11.03	cps
Zirconium	90-1	633	642	708	661	6.22	cps
Zirconium	91-1	200	183	167	183	9.09	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-07	Instrumnet Name :	P8
Client Sample ID :	MH1F66	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:10:09	DataFile Name :	084AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	230	252	220	234	7.11	cps
Antimony	121-1	25	92	58	58	57.15	cps
Arsenic	75-2	7	6	6	6	9.12	cps
Barium	135-1	75	100	100	92	15.75	cps
Barium	137-1	100	125	108	111	11.46	cps
Beryllium	9-1	78	56	72	69	16.56	cps
Bismuth	209-1	4369178	4486172	4362357	4405902	1.58	cps
Bismuth	209-2	2542690	2641129	2594882	2592900	1.90	cps
Boron	10-1	1020	864	896	927	8.89	cps
Boron	11-1	4364	4186	4272	4274	2.08	cps
Bromine	81-1	14252	14423	14833	14503	2.06	cps
Cadmium	111-1	2227	2122	2146	2165	2.53	cps
Cadmium	106-1	3150	3017	3034	3067	2.37	cps
Cadmium	108-1	29	33	46	36	24.01	cps
Calcium	43-1	304	344	270	306	12.07	cps
Calcium	44-1	25560	25736	25680	25659	0.35	cps
Carbon	12-1	8395340	9258314	9618931	9090862	6.92	cps
Carbon	12-2	116419	122662	121343	120141	2.74	cps
Chlorine	35-1	374818	377302	381268	377796	0.86	cps
Chlorine	35-2	2492	2717	2267	2492	9.03	cps
Chromium	52-2	793	760	860	804	6.33	cps
Cobalt	59-2	60	33	47	47	28.58	cps
Copper	63-2	627	697	657	660	5.32	cps
Dysprosium	156-1	25	8	17	17	50.01	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	42	42	83	56	43.30	cps
Erbium	164-2	43	33	20	32	36.33	cps
Gadolinium	160-1	58	83	67	69	18.34	cps
Gadolinium	160-2	53	57	53	54	3.54	cps
Holmium	165-1	7759129	7620033	7836563	7738575	1.42	cps
Holmium	165-2	3647090	3822940	3825618	3765216	2.72	cps
Indium	115-1	7004312	6993883	7143145	7047113	1.18	cps
Indium	115-2	1115795	1124930	1134359	1125028	0.83	cps
Iron	54-2	744	828	750	774	6.02	cps
Iron	56-2	9642	9581	9564	9596	0.43	cps
Iron	57-2	417	356	456	409	12.32	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-07	Instrumnet Name :	P8
Client Sample ID :	MH1F66	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:10:09	DataFile Name :	084AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1057	1203	1037	1099	8.28	cps
Lead	206-1	761	872	767	800	7.83	cps
Lead	207-1	622	606	650	626	3.59	cps
Lead	208-1	2928	3078	2878	2961	3.52	cps
Lithium	6-1	2864536	2843471	2923256	2877088	1.44	cps
Magnesium	24-2	858	850	950	886	6.26	cps
Manganese	55-2	117	83	103	101	16.60	cps
Molybdenum	94-1	317	358	292	322	10.45	cps
Molybdenum	95-1	92	92	67	83	17.32	cps
Molybdenum	96-1	283	242	242	256	9.41	cps
Molybdenum	97-1	50	50	75	58	24.74	cps
Molybdenum	98-1	167	167	108	147	22.87	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	83	60	57	67	21.79	cps
Phosphorus	31-2	75	75	92	81	11.95	cps
Potassium	39-2	19038	18178	18554	18590	2.32	cps
Rhodium	103-1	7076742	6845543	7013243	6978509	1.71	cps
Rhodium	103-2	3443117	3446775	3408811	3432901	0.61	cps
Scandium	45-1	5993313	5774189	6013888	5927130	2.24	cps
Scandium	45-2	207712	206258	204518	206163	0.78	cps
Selenium	82-1	71	-113	14	-10	-989.40	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	45	54	54	51	10.20	cps
Silicon	28-1	676485	676025	687487	679999	0.95	cps
Silver	107-1	233	183	292	236	22.96	cps
Silver	109-1	142	83	150	125	29.06	cps
Sodium	23-2	24930	24338	24638	24635	1.20	cps
Strontium	86-1	2117	1934	1950	2000	5.07	cps
Strontium	88-1	542	725	558	608	16.66	cps
Sulfur	34-1	412698	408332	410159	410396	0.53	cps
Terbium	159-1	8130906	7937669	8168985	8079187	1.54	cps
Terbium	159-2	3702597	3758310	3828731	3763213	1.68	cps
Thallium	203-1	125	142	150	139	9.16	cps
Thallium	205-1	367	308	250	308	18.92	cps
Tin	118-1	575	492	717	594	19.14	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-07	Instrumnet Name :	P8
Client Sample ID :	MH1F66	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:10:09	DataFile Name :	084AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	250	375	433	353	26.55	cps
Uranium	238-1	17	75	50	47	61.97	cps
Vanadium	51-2	17	17	13	16	12.40	cps
Ytterbium	172-1	25	50	8	28	75.51	cps
Ytterbium	172-2	0	0	0	0	0.00	cps
Ytterbium	176-1	758	775	583	706	15.05	cps
Ytterbium	176-2	3739	3956	4406	4034	8.43	cps
Yttrium	89-1	14456417	13792533	13945902	14064951	2.47	cps
Yttrium	89-2	1626094	1557732	1584974	1589600	2.16	cps
Zinc	66-2	293	210	220	241	18.87	cps
Zirconium	90-1	792	717	617	708	12.39	cps
Zirconium	91-1	175	150	158	161	7.90	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-08	Instrumnet Name :	P8
Client Sample ID :	MH1F68	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:13:14	DataFile Name :	085AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	269	259	235	254	6.82	cps
Antimony	121-1	117	117	83	106	18.23	cps
Arsenic	75-2	12	3	11	9	56.92	cps
Barium	135-1	58	108	75	81	31.61	cps
Barium	137-1	75	117	150	114	33.00	cps
Beryllium	9-1	98	64	66	76	25.10	cps
Bismuth	209-1	4333822	4463227	4224998	4340682	2.75	cps
Bismuth	209-2	2566896	2550989	2575585	2564490	0.49	cps
Boron	10-1	838	802	796	812	2.80	cps
Boron	11-1	4186	3970	4258	4138	3.62	cps
Bromine	81-1	15084	15154	14903	15047	0.86	cps
Cadmium	111-1	2092	2072	2347	2170	7.07	cps
Cadmium	106-1	2975	2975	3359	3103	7.13	cps
Cadmium	108-1	46	46	42	44	5.40	cps
Calcium	43-1	375	434	412	407	7.31	cps
Calcium	44-1	27412	27310	27106	27276	0.57	cps
Carbon	12-1	8104507	9235904	9393457	8911289	7.89	cps
Carbon	12-2	112967	113749	117462	114726	2.09	cps
Chlorine	35-1	349910	351783	347993	349895	0.54	cps
Chlorine	35-2	2442	2542	2509	2498	2.04	cps
Chromium	52-2	1143	1107	1243	1165	6.08	cps
Cobalt	59-2	67	50	50	56	17.32	cps
Copper	63-2	633	713	773	707	9.94	cps
Dysprosium	156-1	8	0	25	11	114.58	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	25	67	33	42	52.92	cps
Erbium	164-2	7	17	23	16	53.90	cps
Gadolinium	160-1	75	50	50	58	24.74	cps
Gadolinium	160-2	33	47	73	51	39.85	cps
Holmium	165-1	7439571	7519881	7469507	7476320	0.54	cps
Holmium	165-2	3728605	3706495	3727681	3720927	0.34	cps
Indium	115-1	6780094	6820488	6882597	6827726	0.76	cps
Indium	115-2	1130341	1127041	1140946	1132776	0.64	cps
Iron	54-2	711	694	561	656	12.54	cps
Iron	56-2	6196	6313	6357	6289	1.32	cps
Iron	57-2	372	317	244	311	20.59	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-08	Instrumnet Name :	P8
Client Sample ID :	MH1F68	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:13:14	DataFile Name :	085AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1090	1097	1053	1080	2.16	cps
Lead	206-1	889	811	833	844	4.74	cps
Lead	207-1	600	744	683	676	10.73	cps
Lead	208-1	3306	3217	3139	3221	2.59	cps
Lithium	6-1	2854458	2740138	2734619	2776405	2.44	cps
Magnesium	24-2	883	892	717	831	11.89	cps
Manganese	55-2	307	300	307	304	1.26	cps
Molybdenum	94-1	242	417	208	289	38.74	cps
Molybdenum	95-1	58	67	50	58	14.29	cps
Molybdenum	96-1	242	117	158	172	36.96	cps
Molybdenum	97-1	58	58	17	44	54.12	cps
Molybdenum	98-1	108	100	100	103	4.68	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	167	173	157	166	5.07	cps
Phosphorus	31-2	58	117	50	75	48.43	cps
Potassium	39-2	18504	19096	19030	18877	1.72	cps
Rhodium	103-1	6636936	6939200	6577972	6718036	2.88	cps
Rhodium	103-2	3493805	3321595	3490462	3435287	2.87	cps
Scandium	45-1	5708408	5865176	5751368	5774984	1.40	cps
Scandium	45-2	205128	200104	207091	204108	1.77	cps
Selenium	82-1	7	9	84	33	131.13	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	40	57	65	54	23.65	cps
Silicon	28-1	678695	671443	683311	677816	0.88	cps
Silver	107-1	300	125	183	203	43.94	cps
Silver	109-1	200	133	142	158	22.94	cps
Sodium	23-2	25013	24963	24972	24983	0.11	cps
Strontium	86-1	1892	1784	1783	1820	3.44	cps
Strontium	88-1	675	492	483	550	19.70	cps
Sulfur	34-1	417831	414999	416454	416428	0.34	cps
Terbium	159-1	7885592	8122819	7608728	7872380	3.27	cps
Terbium	159-2	3628800	3698509	3739459	3688923	1.52	cps
Thallium	203-1	108	100	117	108	7.69	cps
Thallium	205-1	375	317	292	328	13.05	cps
Tin	118-1	1083	1075	917	1025	9.16	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-08	Instrumnet Name :	P8
Client Sample ID :	MH1F68	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:13:14	DataFile Name :	085AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	292	358	275	308	14.30	cps
Uranium	238-1	17	8	25	17	50.01	cps
Vanadium	51-2	0	20	13	11	91.66	cps
Ytterbium	172-1	17	17	0	11	86.60	cps
Ytterbium	172-2	17	17	11	15	21.67	cps
Ytterbium	176-1	608	925	775	769	20.59	cps
Ytterbium	176-2	3728	4067	4290	4028	7.02	cps
Yttrium	89-1	13384368	13604807	12901188	13296788	2.71	cps
Yttrium	89-2	1586356	1533181	1550537	1556691	1.74	cps
Zinc	66-2	460	453	480	464	2.99	cps
Zirconium	90-1	825	783	733	781	5.88	cps
Zirconium	91-1	142	217	142	167	25.98	cps

LB Number : LB117894 Operator : Jaswal
 Lab Sample ID : M5050-09 Instrumnet Name : P8
 Client Sample ID : MH1F70 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-19 17:16:16 DataFile Name : 086AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	210	231	220	220	4.82	cps
Antimony	121-1	75	42	67	61	28.38	cps
Arsenic	75-2	5	3	7	5	40.00	cps
Barium	135-1	217	183	167	189	13.48	cps
Barium	137-1	225	233	333	264	22.85	cps
Beryllium	9-1	92	84	82	86	6.15	cps
Bismuth	209-1	4511248	4311307	4354481	4392345	2.40	cps
Bismuth	209-2	2621240	2462445	2634664	2572783	3.72	cps
Boron	10-1	774	806	748	776	3.74	cps
Boron	11-1	3624	3534	3604	3587	1.32	cps
Bromine	81-1	14823	15144	13611	14526	5.57	cps
Cadmium	111-1	2288	2022	2309	2206	7.26	cps
Cadmium	106-1	3250	2850	3234	3112	7.27	cps
Cadmium	108-1	29	33	13	25	44.09	cps
Calcium	43-1	379	439	392	403	7.79	cps
Calcium	44-1	26563	27343	27518	27141	1.87	cps
Carbon	12-1	8188851	8703247	9376936	8756345	6.80	cps
Carbon	12-2	112673	113631	110726	112343	1.32	cps
Chlorine	35-1	342463	342327	342518	342436	0.03	cps
Chlorine	35-2	2300	2350	2317	2322	1.10	cps
Chromium	52-2	703	783	813	767	7.42	cps
Cobalt	59-2	63	93	90	82	20.00	cps
Copper	63-2	643	670	627	647	3.38	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	17	50	75	47	61.97	cps
Erbium	164-2	23	13	23	20	28.87	cps
Gadolinium	160-1	50	83	42	58	37.80	cps
Gadolinium	160-2	60	47	63	57	15.56	cps
Holmium	165-1	7737749	7422713	7714452	7624971	2.30	cps
Holmium	165-2	3789321	3731173	3699605	3740033	1.22	cps
Indium	115-1	7167034	6840842	7046578	7018151	2.35	cps
Indium	115-2	1131698	1119982	1112599	1121426	0.86	cps
Iron	54-2	761	950	822	844	11.41	cps
Iron	56-2	10259	10015	9681	9985	2.91	cps
Iron	57-2	350	344	333	343	2.48	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-09	Instrumnet Name :	P8
Client Sample ID :	MH1F70	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:16:16	DataFile Name :	086AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1163	1073	1163	1133	4.59	cps
Lead	206-1	956	989	817	920	9.92	cps
Lead	207-1	711	861	739	770	10.36	cps
Lead	208-1	3517	3795	3317	3543	6.77	cps
Lithium	6-1	2822124	2794632	2828885	2815214	0.64	cps
Magnesium	24-2	883	808	800	831	5.53	cps
Manganese	55-2	157	170	140	156	9.66	cps
Molybdenum	94-1	183	250	317	250	26.67	cps
Molybdenum	95-1	58	42	67	56	22.91	cps
Molybdenum	96-1	100	167	125	131	25.80	cps
Molybdenum	97-1	25	58	75	53	48.24	cps
Molybdenum	98-1	83	67	125	92	32.77	cps
Neodymium	150-1	33	7	7	16	98.94	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	110	87	80	92	17.08	cps
Phosphorus	31-2	167	108	83	119	35.80	cps
Potassium	39-2	18788	18187	18270	18415	1.77	cps
Rhodium	103-1	6897061	6367671	6932456	6732396	4.70	cps
Rhodium	103-2	3457277	3321735	3384377	3387796	2.00	cps
Scandium	45-1	5885596	5912402	5931939	5909979	0.39	cps
Scandium	45-2	205704	207619	203852	205725	0.92	cps
Selenium	82-1	-28	47	-48	-9	-530.15	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	60	51	51	54	9.62	cps
Silicon	28-1	664252	679590	684854	676232	1.58	cps
Silver	107-1	217	167	250	211	19.87	cps
Silver	109-1	192	192	217	200	7.22	cps
Sodium	23-2	24104	23152	24964	24073	3.76	cps
Strontium	86-1	1717	1909	1909	1845	6.00	cps
Strontium	88-1	592	558	675	608	9.88	cps
Sulfur	34-1	413358	410613	405440	409804	0.98	cps
Terbium	159-1	8179465	7778883	7840025	7932791	2.72	cps
Terbium	159-2	3804606	3793292	3834114	3810671	0.55	cps
Thallium	203-1	100	108	100	103	4.68	cps
Thallium	205-1	258	242	208	236	10.78	cps
Tin	118-1	750	675	617	681	9.82	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-09	Instrumnet Name :	P8
Client Sample ID :	MH1F70	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:16:16	DataFile Name :	086AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	250	258	308	272	11.59	cps
Uranium	238-1	8	25	17	17	50.01	cps
Vanadium	51-2	17	7	10	11	45.82	cps
Ytterbium	172-1	0	33	17	17	99.99	cps
Ytterbium	172-2	0	17	11	9	91.66	cps
Ytterbium	176-1	600	692	625	639	7.42	cps
Ytterbium	176-2	4017	3934	4423	4125	6.34	cps
Yttrium	89-1	13821349	13504184	13953829	13759787	1.68	cps
Yttrium	89-2	1589131	1520408	1539665	1549735	2.29	cps
Zinc	66-2	297	257	360	304	17.12	cps
Zirconium	90-1	800	733	708	747	6.34	cps
Zirconium	91-1	175	200	67	147	48.14	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-10	Instrumnet Name :	P8
Client Sample ID :	MH1F72	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:19:20	DataFile Name :	087AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	189	201	217	202	7.12	cps
Antimony	121-1	67	42	83	64	32.83	cps
Arsenic	75-2	7	6	12	8	38.57	cps
Barium	135-1	67	50	58	58	14.29	cps
Barium	137-1	150	183	142	158	13.93	cps
Beryllium	9-1	60	52	40	51	19.87	cps
Bismuth	209-1	4318069	4450894	4234223	4334395	2.52	cps
Bismuth	209-2	2523972	2504611	2558011	2528864	1.07	cps
Boron	10-1	790	752	782	775	2.59	cps
Boron	11-1	3444	3514	3774	3577	4.86	cps
Bromine	81-1	15465	14342	14593	14800	3.98	cps
Cadmium	111-1	1945	2322	2127	2131	8.85	cps
Cadmium	106-1	2759	3259	3025	3014	8.30	cps
Cadmium	108-1	46	25	46	39	30.93	cps
Calcium	43-1	334	300	347	327	7.47	cps
Calcium	44-1	26350	26554	26342	26415	0.45	cps
Carbon	12-1	7436382	8219038	8660510	8105310	7.65	cps
Carbon	12-2	101173	105167	103037	103126	1.94	cps
Chlorine	35-1	323351	311526	317611	317496	1.86	cps
Chlorine	35-2	2059	2267	2125	2150	4.95	cps
Chromium	52-2	830	963	860	884	7.91	cps
Cobalt	59-2	57	57	53	56	3.47	cps
Copper	63-2	617	560	577	584	4.98	cps
Dysprosium	156-1	42	33	17	31	41.66	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	67	42	67	58	24.74	cps
Erbium	164-2	20	27	33	27	24.99	cps
Gadolinium	160-1	42	25	50	39	32.73	cps
Gadolinium	160-2	37	60	73	57	32.75	cps
Holmium	165-1	7255437	7583586	7580204	7473076	2.52	cps
Holmium	165-2	3642195	3713384	3720034	3691871	1.17	cps
Indium	115-1	6831069	6874206	6875394	6860223	0.37	cps
Indium	115-2	1110776	1121813	1113383	1115324	0.52	cps
Iron	54-2	594	567	467	543	12.39	cps
Iron	56-2	4329	4618	5162	4703	9.00	cps
Iron	57-2	261	306	239	269	12.64	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-10	Instrumnet Name :	P8
Client Sample ID :	MH1F72	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:19:20	DataFile Name :	087AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1103	1140	1040	1095	4.62	cps
Lead	206-1	722	883	672	759	14.53	cps
Lead	207-1	717	661	706	694	4.23	cps
Lead	208-1	3122	3245	3061	3143	2.97	cps
Lithium	6-1	2812254	2790323	2756529	2786369	1.01	cps
Magnesium	24-2	750	883	767	800	9.08	cps
Manganese	55-2	103	70	123	99	27.25	cps
Molybdenum	94-1	217	233	233	228	4.23	cps
Molybdenum	95-1	75	67	83	75	11.11	cps
Molybdenum	96-1	133	175	142	150	14.70	cps
Molybdenum	97-1	25	50	25	33	43.30	cps
Molybdenum	98-1	83	75	42	67	33.07	cps
Neodymium	150-1	27	7	0	11	124.89	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	87	67	60	71	19.52	cps
Phosphorus	31-2	125	133	108	122	10.41	cps
Potassium	39-2	19505	18688	19263	19152	2.19	cps
Rhodium	103-1	6752929	6772202	6625520	6716884	1.19	cps
Rhodium	103-2	3429622	3342441	3380247	3384103	1.29	cps
Scandium	45-1	5681868	5977791	5675777	5778479	2.99	cps
Scandium	45-2	202063	200652	205466	202727	1.22	cps
Selenium	82-1	-5	-51	94	13	584.26	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	56	53	62	57	8.04	cps
Silicon	28-1	677509	675316	677257	676694	0.18	cps
Silver	107-1	125	167	242	178	33.26	cps
Silver	109-1	125	108	142	125	13.33	cps
Sodium	23-2	23945	23653	23110	23569	1.80	cps
Strontium	86-1	2142	1792	1925	1953	9.05	cps
Strontium	88-1	617	500	442	519	17.15	cps
Sulfur	34-1	419646	419615	415748	418337	0.54	cps
Terbium	159-1	8074950	7407675	7958557	7813727	4.56	cps
Terbium	159-2	3689549	3785610	3779825	3751661	1.44	cps
Thallium	203-1	92	100	42	78	40.56	cps
Thallium	205-1	250	258	275	261	4.88	cps
Tin	118-1	925	767	825	839	9.55	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-10	Instrumnet Name :	P8
Client Sample ID :	MH1F72	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:19:20	DataFile Name :	087AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	317	258	292	289	10.13	cps
Uranium	238-1	33	25	25	28	17.31	cps
Vanadium	51-2	20	10	7	12	56.76	cps
Ytterbium	172-1	25	17	0	14	91.65	cps
Ytterbium	172-2	6	11	6	7	43.24	cps
Ytterbium	176-1	733	675	692	700	4.29	cps
Ytterbium	176-2	3823	3689	4051	3854	4.74	cps
Yttrium	89-1	13450353	14000013	13563081	13671149	2.12	cps
Yttrium	89-2	1506979	1544347	1554399	1535242	1.63	cps
Zinc	66-2	240	210	203	218	8.97	cps
Zirconium	90-1	783	717	608	703	12.57	cps
Zirconium	91-1	208	192	92	164	38.50	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-11	Instrumnet Name :	P8
Client Sample ID :	MH1F74	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:22:23	DataFile Name :	088AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1172	1187	1197	1186	1.06	cps
Antimony	121-1	25015	25082	24406	24834	1.50	cps
Arsenic	75-2	616	607	592	605	2.00	cps
Barium	135-1	57557	56343	59005	57635	2.31	cps
Barium	137-1	98619	100952	104277	101283	2.81	cps
Beryllium	9-1	98	72	82	84	15.61	cps
Bismuth	209-1	3967693	4199433	4353367	4173498	4.65	cps
Bismuth	209-2	2484285	2507362	2536486	2509378	1.04	cps
Boron	10-1	4864	5022	5310	5065	4.47	cps
Boron	11-1	23142	24375	25167	24228	4.21	cps
Bromine	81-1	22471	24377	26192	24347	7.64	cps
Cadmium	111-1	2982	3193	3175	3117	3.76	cps
Cadmium	106-1	2975	3192	3167	3112	3.81	cps
Cadmium	108-1	121	113	138	124	10.30	cps
Calcium	43-1	2420621	2423051	2437814	2427162	0.38	cps
Calcium	44-1	37610619	38580390	40049639	38746883	3.17	cps
Carbon	12-1	7460329	8233655	8377737	8023907	6.15	cps
Carbon	12-2	103497	107349	106888	105912	1.99	cps
Chlorine	35-1	1804319	2034614	2268001	2035645	11.39	cps
Chlorine	35-2	19847	20565	22126	20846	5.59	cps
Chromium	52-2	953	973	910	946	3.42	cps
Cobalt	59-2	677	620	617	638	5.29	cps
Copper	63-2	3464	3374	3474	3437	1.60	cps
Dysprosium	156-1	50	33	17	33	50.00	cps
Dysprosium	156-2	13	10	3	9	57.30	cps
Erbium	164-1	67	100	58	75	29.40	cps
Erbium	164-2	30	33	40	34	14.78	cps
Gadolinium	160-1	67	58	67	64	7.54	cps
Gadolinium	160-2	60	40	33	44	31.23	cps
Holmium	165-1	7123848	7544517	7903397	7523921	5.19	cps
Holmium	165-2	3830421	3828167	3899449	3852679	1.05	cps
Indium	115-1	6460850	7063011	7057181	6860347	5.04	cps
Indium	115-2	1112694	1104171	1122563	1113142	0.83	cps
Iron	54-2	14624	14319	14135	14359	1.72	cps
Iron	56-2	252734	250855	255396	252995	0.90	cps
Iron	57-2	9598	9298	9581	9492	1.78	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-11	Instrumnet Name :	P8
Client Sample ID :	MH1F74	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:22:23	DataFile Name :	088AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1230	1137	1110	1159	5.44	cps
Lead	206-1	40842	40993	42693	41510	2.48	cps
Lead	207-1	36324	37332	36731	36795	1.38	cps
Lead	208-1	164890	170530	168355	167925	1.69	cps
Lithium	6-1	2616523	2763415	2764229	2714722	3.13	cps
Magnesium	24-2	4170392	4235860	4183395	4196549	0.83	cps
Manganese	55-2	113928	113282	110381	112530	1.68	cps
Molybdenum	94-1	1909	1942	2200	2017	7.92	cps
Molybdenum	95-1	3059	3242	3092	3131	3.12	cps
Molybdenum	96-1	3392	3592	3476	3487	2.88	cps
Molybdenum	97-1	1900	1692	2175	1922	12.61	cps
Molybdenum	98-1	5193	5043	5001	5079	1.99	cps
Neodymium	150-1	20	20	33	24	31.49	cps
Neodymium	150-2	13	17	7	12	41.65	cps
Nickel	60-2	643	750	820	738	12.06	cps
Phosphorus	31-2	75	133	100	103	28.48	cps
Potassium	39-2	229737	233970	229211	230973	1.13	cps
Rhodium	103-1	6328408	6547421	6654822	6510217	2.56	cps
Rhodium	103-2	3311373	3265008	3309798	3295393	0.80	cps
Scandium	45-1	5642866	5903406	6076398	5874224	3.72	cps
Scandium	45-2	208795	208927	208562	208761	0.09	cps
Selenium	82-1	-65	60	102	32	269.53	cps
Selenium	77-2	3	7	7	6	34.70	cps
Selenium	78-2	61	81	66	69	15.01	cps
Silicon	28-1	22978870	23680697	23744098	23467888	1.81	cps
Silver	107-1	367	392	358	372	4.66	cps
Silver	109-1	317	325	258	300	12.11	cps
Sodium	23-2	28413513	28024403	28455999	28297971	0.84	cps
Strontium	86-1	1047343	1056987	1091187	1065172	2.16	cps
Strontium	88-1	8838271	8870089	9304658	9004339	2.89	cps
Sulfur	34-1	1809399	1910137	1863700	1861078	2.71	cps
Terbium	159-1	7436070	7999156	8254787	7896671	5.30	cps
Terbium	159-2	3648107	3764660	3784095	3732287	1.97	cps
Thallium	203-1	375	292	267	311	18.23	cps
Thallium	205-1	758	817	775	783	3.84	cps
Tin	118-1	1225	1092	1417	1245	13.13	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-11	Instrumnet Name :	P8
Client Sample ID :	MH1F74	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:22:23	DataFile Name :	088AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1075	1058	1133	1089	3.61	cps
Uranium	238-1	18631	18539	18773	18647	0.63	cps
Vanadium	51-2	327	403	370	367	10.48	cps
Ytterbium	172-1	17	42	50	36	48.03	cps
Ytterbium	172-2	6	17	33	19	75.47	cps
Ytterbium	176-1	717	783	617	706	11.89	cps
Ytterbium	176-2	3956	3901	4051	3969	1.91	cps
Yttrium	89-1	12765499	13584396	13805839	13385245	4.09	cps
Yttrium	89-2	1567283	1586974	1565936	1573398	0.75	cps
Zinc	66-2	71694	70468	72110	71424	1.20	cps
Zirconium	90-1	833	917	967	906	7.44	cps
Zirconium	91-1	158	192	183	178	9.76	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-12	Instrumnet Name :	P8
Client Sample ID :	MH1F76	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:25:21	DataFile Name :	089AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4491	4621	4485	4533	1.70	cps
Antimony	121-1	25416	24564	25174	25051	1.75	cps
Arsenic	75-2	810	828	828	822	1.26	cps
Barium	135-1	59331	58536	61817	59894	2.86	cps
Barium	137-1	101557	102069	103487	102371	0.98	cps
Beryllium	9-1	48	80	68	65	24.74	cps
Bismuth	209-1	4280016	4225330	4199394	4234913	0.97	cps
Bismuth	209-2	2395844	2486700	2465106	2449217	1.94	cps
Boron	10-1	5330	5662	5490	5494	3.02	cps
Boron	11-1	25495	26895	27707	26699	4.19	cps
Bromine	81-1	25058	25730	28488	26426	6.88	cps
Cadmium	111-1	3210	3422	3452	3361	3.94	cps
Cadmium	106-1	3100	3401	3192	3231	4.76	cps
Cadmium	108-1	117	96	88	100	15.03	cps
Calcium	43-1	2131750	2176219	2143607	2150525	1.07	cps
Calcium	44-1	35297292	35438964	35010621	35248959	0.62	cps
Carbon	12-1	8002650	8727910	9015449	8582003	6.08	cps
Carbon	12-2	109885	108089	113655	110543	2.57	cps
Chlorine	35-1	2480467	2735403	2924716	2713529	8.22	cps
Chlorine	35-2	24195	23937	26166	24766	4.92	cps
Chromium	52-2	1010	983	967	987	2.22	cps
Cobalt	59-2	947	1190	1070	1069	11.38	cps
Copper	63-2	7252	7195	7042	7163	1.52	cps
Dysprosium	156-1	125	92	75	97	26.19	cps
Dysprosium	156-2	47	40	20	36	39.03	cps
Erbium	164-1	108	117	108	111	4.33	cps
Erbium	164-2	60	53	57	57	5.89	cps
Gadolinium	160-1	100	92	92	94	5.09	cps
Gadolinium	160-2	63	107	110	93	27.90	cps
Holmium	165-1	7435122	7579915	7768606	7594548	2.20	cps
Holmium	165-2	3694913	3747428	3635804	3692715	1.51	cps
Indium	115-1	6820904	6977564	6952390	6916952	1.22	cps
Indium	115-2	1091137	1105195	1097441	1097925	0.64	cps
Iron	54-2	26447	52043	27137	35209	41.42	cps
Iron	56-2	486760	482847	492905	487504	1.04	cps
Iron	57-2	14697	14040	14229	14322	2.36	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-12	Instrumnet Name :	P8
Client Sample ID :	MH1F76	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:25:21	DataFile Name :	089AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1173	1257	1133	1188	5.30	cps
Lead	206-1	110612	110131	114273	111672	2.03	cps
Lead	207-1	98278	100107	100455	99613	1.17	cps
Lead	208-1	445803	452433	457518	451918	1.30	cps
Lithium	6-1	2849210	2704153	2849356	2800906	2.99	cps
Magnesium	24-2	3763315	3793714	3705554	3754194	1.19	cps
Manganese	55-2	233616	234549	228956	232374	1.29	cps
Molybdenum	94-1	2550	2209	2475	2411	7.45	cps
Molybdenum	95-1	3301	3367	3484	3384	2.74	cps
Molybdenum	96-1	3467	3434	3717	3539	4.38	cps
Molybdenum	97-1	2042	1925	2084	2017	4.07	cps
Molybdenum	98-1	4884	5084	5443	5137	5.51	cps
Neodymium	150-1	167	113	93	124	30.46	cps
Neodymium	150-2	43	60	53	52	16.07	cps
Nickel	60-2	997	1017	973	996	2.18	cps
Phosphorus	31-2	242	233	175	217	16.77	cps
Potassium	39-2	244322	245631	254495	248149	2.23	cps
Rhodium	103-1	6682875	6667898	6669918	6673564	0.12	cps
Rhodium	103-2	3307750	3295411	3327546	3310235	0.49	cps
Scandium	45-1	5880838	5729685	5822791	5811105	1.31	cps
Scandium	45-2	205921	207471	205077	206156	0.59	cps
Selenium	82-1	39	49	148	79	76.83	cps
Selenium	77-2	20	7	17	14	48.02	cps
Selenium	78-2	63	58	60	60	4.17	cps
Silicon	28-1	24714888	25258835	25018382	24997368	1.09	cps
Silver	107-1	817	950	817	861	8.94	cps
Silver	109-1	733	708	758	733	3.41	cps
Sodium	23-2	27089710	27398009	27021952	27169890	0.74	cps
Strontium	86-1	948222	948550	950591	949121	0.14	cps
Strontium	88-1	7838658	7853843	8138889	7943797	2.13	cps
Sulfur	34-1	1743313	1835087	1829149	1802516	2.85	cps
Terbium	159-1	7780859	7837704	7814966	7811176	0.37	cps
Terbium	159-2	3662706	3698692	3801249	3720882	1.93	cps
Thallium	203-1	350	333	367	350	4.76	cps
Thallium	205-1	750	825	758	778	5.29	cps
Tin	118-1	1025	908	1050	995	7.60	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-12	Instrumnet Name :	P8
Client Sample ID :	MH1F76	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:25:21	DataFile Name :	089AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2225	2467	2709	2467	9.80	cps
Uranium	238-1	16745	17362	17371	17159	2.09	cps
Vanadium	51-2	787	793	700	760	6.85	cps
Ytterbium	172-1	33	67	25	42	52.92	cps
Ytterbium	172-2	22	28	28	26	12.38	cps
Ytterbium	176-1	675	767	742	728	6.51	cps
Ytterbium	176-2	3767	4062	4106	3978	4.63	cps
Yttrium	89-1	13316425	13512901	13967957	13599095	2.46	cps
Yttrium	89-2	1585220	1550576	1555960	1563919	1.19	cps
Zinc	66-2	78419	78265	76623	77769	1.28	cps
Zirconium	90-1	1392	1767	1533	1564	12.11	cps
Zirconium	91-1	225	242	267	244	8.58	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-13	Instrumnet Name :	P8
Client Sample ID :	MH1F78	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:28:16	DataFile Name :	090AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4161	4306	4246	4238	1.72	cps
Antimony	121-1	24414	24765	24848	24676	0.93	cps
Arsenic	75-2	859	764	763	795	6.93	cps
Barium	135-1	56519	57708	56369	56865	1.29	cps
Barium	137-1	99567	100884	98331	99594	1.28	cps
Beryllium	9-1	70	92	70	77	16.42	cps
Bismuth	209-1	4172892	4163608	4310466	4215655	1.95	cps
Bismuth	209-2	2474172	2442534	2479030	2465245	0.80	cps
Boron	10-1	5182	5290	5482	5318	2.86	cps
Boron	11-1	24394	26126	26841	25787	4.88	cps
Bromine	81-1	23976	25480	25830	25095	3.93	cps
Cadmium	111-1	3157	3216	3388	3253	3.69	cps
Cadmium	106-1	3059	3092	3392	3181	5.77	cps
Cadmium	108-1	121	88	100	103	16.39	cps
Calcium	43-1	2079361	2141415	2137294	2119357	1.64	cps
Calcium	44-1	33784526	34542369	34293363	34206753	1.13	cps
Carbon	12-1	7693978	8256618	8741608	8230735	6.37	cps
Carbon	12-2	108088	107383	106788	107420	0.61	cps
Chlorine	35-1	3013338	3245865	3396569	3218591	6.00	cps
Chlorine	35-2	27719	28570	29163	28484	2.55	cps
Chromium	52-2	1120	1140	1103	1121	1.64	cps
Cobalt	59-2	1087	1040	1000	1042	4.16	cps
Copper	63-2	6905	6402	6738	6682	3.84	cps
Dysprosium	156-1	50	67	75	64	19.92	cps
Dysprosium	156-2	37	37	50	41	18.72	cps
Erbium	164-1	108	117	150	125	17.64	cps
Erbium	164-2	50	37	57	48	21.31	cps
Gadolinium	160-1	108	125	75	103	24.77	cps
Gadolinium	160-2	80	110	77	89	20.65	cps
Holmium	165-1	7674495	7624212	7735325	7678011	0.72	cps
Holmium	165-2	3883194	3702505	3750882	3778860	2.48	cps
Indium	115-1	7111073	6938774	7367597	7139148	3.02	cps
Indium	115-2	1116771	1111896	1105223	1111297	0.52	cps
Iron	54-2	27866	26937	27337	27380	1.70	cps
Iron	56-2	494998	497195	491456	494549	0.59	cps
Iron	57-2	15375	14708	15197	15093	2.29	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-13	Instrumnet Name :	P8
Client Sample ID :	MH1F78	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:28:16	DataFile Name :	090AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1123	1210	1207	1180	4.16	cps
Lead	206-1	105852	105707	104704	105421	0.59	cps
Lead	207-1	92938	93038	92161	92712	0.52	cps
Lead	208-1	422543	423943	424969	423818	0.29	cps
Lithium	6-1	2865068	2824649	2877422	2855713	0.97	cps
Magnesium	24-2	3762261	3557272	3647868	3655800	2.81	cps
Manganese	55-2	213549	216554	215736	215280	0.72	cps
Molybdenum	94-1	2359	2142	2159	2220	5.43	cps
Molybdenum	95-1	3134	3200	3376	3237	3.86	cps
Molybdenum	96-1	3309	3459	3350	3373	2.30	cps
Molybdenum	97-1	1817	1633	1942	1797	8.63	cps
Molybdenum	98-1	5109	4701	4509	4773	6.42	cps
Neodymium	150-1	100	93	80	91	11.18	cps
Neodymium	150-2	33	53	70	52	35.16	cps
Nickel	60-2	963	883	920	922	4.34	cps
Phosphorus	31-2	183	192	167	181	7.05	cps
Potassium	39-2	238866	236716	248196	241259	2.53	cps
Rhodium	103-1	6872757	6585589	6722224	6726856	2.14	cps
Rhodium	103-2	3390958	3303182	3410789	3368310	1.70	cps
Scandium	45-1	6034308	5871056	5883042	5929469	1.53	cps
Scandium	45-2	206742	208798	208209	207916	0.51	cps
Selenium	82-1	107	1	101	70	85.18	cps
Selenium	77-2	13	7	0	7	99.98	cps
Selenium	78-2	68	63	79	70	11.69	cps
Silicon	28-1	24313640	22927772	23815797	23685736	2.96	cps
Silver	107-1	742	883	942	856	12.02	cps
Silver	109-1	783	700	883	789	11.64	cps
Sodium	23-2	25889725	25843864	26232652	25988747	0.82	cps
Strontium	86-1	921713	924619	932446	926259	0.60	cps
Strontium	88-1	7774397	7939896	7718305	7810866	1.47	cps
Sulfur	34-1	1771314	1691752	1746837	1736634	2.35	cps
Terbium	159-1	8189637	7852464	8060806	8034303	2.12	cps
Terbium	159-2	3687104	3666209	3700699	3684671	0.47	cps
Thallium	203-1	292	375	225	297	25.29	cps
Thallium	205-1	858	658	842	786	14.12	cps
Tin	118-1	767	892	750	803	9.65	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-13	Instrumnet Name :	P8
Client Sample ID :	MH1F78	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:28:16	DataFile Name :	090AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2300	3647	2100	2682	31.36	cps
Uranium	238-1	15919	15902	16186	16002	1.00	cps
Vanadium	51-2	727	760	727	738	2.61	cps
Ytterbium	172-1	25	42	50	39	32.73	cps
Ytterbium	172-2	39	33	33	35	9.12	cps
Ytterbium	176-1	792	667	800	753	9.92	cps
Ytterbium	176-2	3940	4134	3995	4023	2.49	cps
Yttrium	89-1	13520006	13933978	13653342	13702442	1.54	cps
Yttrium	89-2	1528300	1572325	1507786	1536137	2.15	cps
Zinc	66-2	77149	77280	76744	77058	0.36	cps
Zirconium	90-1	1183	1250	1292	1242	4.40	cps
Zirconium	91-1	283	283	308	292	4.95	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-14	Instrumnet Name :	P8
Client Sample ID :	MH1F80	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:31:15	DataFile Name :	091AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	654	720	680	685	4.87	cps
Antimony	121-1	26910	26618	26827	26785	0.56	cps
Arsenic	75-2	545	555	504	535	5.05	cps
Barium	135-1	52704	52060	53414	52726	1.29	cps
Barium	137-1	92149	91108	91419	91558	0.58	cps
Beryllium	9-1	74	62	74	70	9.90	cps
Bismuth	209-1	3672745	4117209	4267957	4019304	7.70	cps
Bismuth	209-2	2426905	2517333	2409835	2451358	2.36	cps
Boron	10-1	5444	5622	5712	5593	2.44	cps
Boron	11-1	26737	27715	27494	27315	1.88	cps
Bromine	81-1	24537	28238	26974	26583	7.08	cps
Cadmium	111-1	3824	4253	4296	4124	6.33	cps
Cadmium	106-1	2842	3075	3059	2992	4.35	cps
Cadmium	108-1	225	167	208	200	15.02	cps
Calcium	43-1	2437171	2416501	2493135	2448936	1.62	cps
Calcium	44-1	39523651	39614667	38473792	39204037	1.62	cps
Carbon	12-1	7692132	8289643	8806650	8262808	6.75	cps
Carbon	12-2	104210	104892	108039	105714	1.93	cps
Chlorine	35-1	3534703	3868076	4168830	3857203	8.22	cps
Chlorine	35-2	31894	33874	35845	33871	5.83	cps
Chromium	52-2	1027	1040	1083	1050	2.82	cps
Cobalt	59-2	377	423	433	411	7.36	cps
Copper	63-2	3764	4177	3911	3951	5.31	cps
Dysprosium	156-1	0	17	17	11	86.60	cps
Dysprosium	156-2	23	0	7	10	120.16	cps
Erbium	164-1	42	50	58	50	16.67	cps
Erbium	164-2	30	33	30	31	6.18	cps
Gadolinium	160-1	67	42	108	72	46.63	cps
Gadolinium	160-2	43	63	50	52	19.50	cps
Holmium	165-1	6628876	7319794	7438775	7129148	6.13	cps
Holmium	165-2	3663123	3753412	3674095	3696877	1.33	cps
Indium	115-1	6128595	6700020	6995687	6608101	6.67	cps
Indium	115-2	1101340	1091781	1093974	1095698	0.46	cps
Iron	54-2	7813	7997	8036	7949	1.49	cps
Iron	56-2	142820	139926	142545	141764	1.13	cps
Iron	57-2	6324	6485	6813	6540	3.81	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-14	Instrumnet Name :	P8
Client Sample ID :	MH1F80	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:31:15	DataFile Name :	091AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1190	1157	1243	1197	3.65	cps
Lead	206-1	22526	22397	21980	22301	1.28	cps
Lead	207-1	20222	20094	18931	19749	3.60	cps
Lead	208-1	91746	91284	88716	90582	1.80	cps
Lithium	6-1	2459823	2724885	2806046	2663585	6.80	cps
Magnesium	24-2	4264853	4309674	4180320	4251616	1.54	cps
Manganese	55-2	55350	56435	55076	55620	1.29	cps
Molybdenum	94-1	1834	2109	1817	1920	8.53	cps
Molybdenum	95-1	3242	3050	2875	3056	6.00	cps
Molybdenum	96-1	3301	3242	3376	3306	2.02	cps
Molybdenum	97-1	1817	1775	1692	1761	3.61	cps
Molybdenum	98-1	4726	4626	4351	4568	4.25	cps
Neodymium	150-1	27	47	20	31	44.61	cps
Neodymium	150-2	7	10	7	8	24.71	cps
Nickel	60-2	770	790	737	766	3.52	cps
Phosphorus	31-2	200	133	117	150	29.40	cps
Potassium	39-2	235657	234192	233095	234315	0.55	cps
Rhodium	103-1	5700568	6191995	6615986	6169517	7.43	cps
Rhodium	103-2	3239174	3321490	3211922	3257529	1.75	cps
Scandium	45-1	5218807	5763368	5825402	5602526	5.96	cps
Scandium	45-2	203499	207635	204675	205270	1.04	cps
Selenium	82-1	155	109	14	92	77.92	cps
Selenium	77-2	3	3	10	6	69.34	cps
Selenium	78-2	50	60	68	59	15.20	cps
Silicon	28-1	23435840	23101429	24232983	23590084	2.46	cps
Silver	107-1	367	325	258	317	17.26	cps
Silver	109-1	325	250	275	283	13.48	cps
Sodium	23-2	29235395	28460218	28654435	28783350	1.40	cps
Strontium	86-1	1091531	1120587	1085415	1099177	1.71	cps
Strontium	88-1	9281403	9150417	8949436	9127085	1.83	cps
Sulfur	34-1	1930651	1946093	1993783	1956843	1.68	cps
Terbium	159-1	7073820	7574258	7753715	7467264	4.72	cps
Terbium	159-2	3638216	3738236	3732251	3702901	1.51	cps
Thallium	203-1	533	492	408	478	13.32	cps
Thallium	205-1	1267	1100	1267	1211	7.95	cps
Tin	118-1	1442	1292	1483	1406	7.17	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-14	Instrumnet Name :	P8
Client Sample ID :	MH1F80	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:31:15	DataFile Name :	091AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	883	792	717	797	10.47	cps
Uranium	238-1	18706	18639	18063	18470	1.91	cps
Vanadium	51-2	263	303	380	316	18.79	cps
Ytterbium	172-1	42	33	58	44	28.64	cps
Ytterbium	172-2	17	22	17	19	17.30	cps
Ytterbium	176-1	692	575	725	664	11.86	cps
Ytterbium	176-2	3662	3867	3873	3801	3.17	cps
Yttrium	89-1	12175265	13208582	13632948	13005599	5.76	cps
Yttrium	89-2	1504110	1547579	1522444	1524711	1.43	cps
Zinc	66-2	101283	102191	103587	102353	1.13	cps
Zirconium	90-1	800	808	958	856	10.41	cps
Zirconium	91-1	183	133	217	178	23.59	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-15	Instrumnet Name :	P8
Client Sample ID :	MH1F82	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:34:11	DataFile Name :	092AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	554	556	534	548	2.25	cps
Antimony	121-1	32974	32849	32589	32804	0.60	cps
Arsenic	75-2	555	571	522	549	4.55	cps
Barium	135-1	53247	53332	52896	53158	0.43	cps
Barium	137-1	88231	89673	91350	89751	1.74	cps
Beryllium	9-1	82	56	78	72	19.44	cps
Bismuth	209-1	4350063	4199101	4147054	4232073	2.49	cps
Bismuth	209-2	2405195	2460632	2436856	2434227	1.14	cps
Boron	10-1	5254	5414	5706	5458	4.20	cps
Boron	11-1	26212	28117	27881	27404	3.79	cps
Bromine	81-1	25229	29552	29491	28091	8.82	cps
Cadmium	111-1	7735	7141	7704	7527	4.45	cps
Cadmium	106-1	4084	3284	3917	3762	11.22	cps
Cadmium	108-1	500	400	413	438	12.45	cps
Calcium	43-1	2681517	2670078	2792342	2714646	2.49	cps
Calcium	44-1	43348053	44326905	42738030	43470996	1.84	cps
Carbon	12-1	7731624	8488754	9326333	8515570	9.37	cps
Carbon	12-2	111456	112135	112801	112131	0.60	cps
Chlorine	35-1	4579395	4989345	5363046	4977262	7.88	cps
Chlorine	35-2	43173	44285	43934	43798	1.30	cps
Chromium	52-2	983	947	893	941	4.81	cps
Cobalt	59-2	1367	1300	1340	1336	2.51	cps
Copper	63-2	7095	6682	6982	6920	3.09	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Dysprosium	156-2	10	10	13	11	17.30	cps
Erbium	164-1	42	108	67	72	46.63	cps
Erbium	164-2	17	47	33	32	46.65	cps
Gadolinium	160-1	67	67	67	67	0.00	cps
Gadolinium	160-2	43	40	50	44	11.46	cps
Holmium	165-1	7473034	7678909	7469307	7540417	1.59	cps
Holmium	165-2	3722214	3692641	3645113	3686656	1.06	cps
Indium	115-1	7051889	6953103	7075454	7026815	0.92	cps
Indium	115-2	1100057	1101230	1089115	1096801	0.61	cps
Iron	54-2	5168	4712	5312	5064	6.19	cps
Iron	56-2	88686	90313	83834	87611	3.85	cps
Iron	57-2	5496	5696	6068	5753	5.05	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-15	Instrumnet Name :	P8
Client Sample ID :	MH1F82	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:34:11	DataFile Name :	092AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1243	1033	1150	1142	9.21	cps
Lead	206-1	17985	19203	19476	18888	4.20	cps
Lead	207-1	15949	16299	16010	16086	1.16	cps
Lead	208-1	72208	74907	75521	74212	2.37	cps
Lithium	6-1	2873624	2896296	2809959	2859960	1.57	cps
Magnesium	24-2	4934680	4783763	4786123	4834855	1.79	cps
Manganese	55-2	48757	49128	48733	48873	0.45	cps
Molybdenum	94-1	2559	2542	2409	2503	3.29	cps
Molybdenum	95-1	3334	3484	3476	3431	2.46	cps
Molybdenum	96-1	3701	3542	3759	3667	3.06	cps
Molybdenum	97-1	2017	2209	2234	2153	5.51	cps
Molybdenum	98-1	5535	5243	5326	5368	2.80	cps
Neodymium	150-1	47	7	13	22	96.44	cps
Neodymium	150-2	7	3	7	6	34.70	cps
Nickel	60-2	1290	1197	1273	1253	3.97	cps
Phosphorus	31-2	75	142	133	117	31.14	cps
Potassium	39-2	283675	277577	278383	279878	1.18	cps
Rhodium	103-1	6871165	6600788	6639555	6703836	2.18	cps
Rhodium	103-2	3291525	3302587	3197605	3263906	1.77	cps
Scandium	45-1	6237839	6045831	5707819	5997163	4.47	cps
Scandium	45-2	201850	203659	205713	203741	0.95	cps
Selenium	82-1	-63	153	86	59	188.79	cps
Selenium	77-2	7	3	7	6	34.70	cps
Selenium	78-2	61	46	64	57	16.93	cps
Silicon	28-1	22776614	22748683	22407002	22644099	0.91	cps
Silver	107-1	342	408	342	364	10.58	cps
Silver	109-1	333	317	350	333	5.00	cps
Sodium	23-2	35729963	34215547	34078959	34674823	2.64	cps
Strontium	86-1	1255197	1228658	1236455	1240103	1.10	cps
Strontium	88-1	10504135	10547654	10748635	10600141	1.23	cps
Sulfur	34-1	2041851	1989852	2054237	2028646	1.68	cps
Terbium	159-1	8082619	7822292	7988947	7964619	1.66	cps
Terbium	159-2	3635606	3629822	3702159	3655862	1.10	cps
Thallium	203-1	642	708	583	644	9.71	cps
Thallium	205-1	1625	1392	1492	1503	7.79	cps
Tin	118-1	733	742	775	750	2.94	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-15	Instrumnet Name :	P8
Client Sample ID :	MH1F82	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:34:11	DataFile Name :	092AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	708	675	783	722	7.68	cps
Uranium	238-1	23648	24842	24132	24207	2.48	cps
Vanadium	51-2	247	270	340	286	17.01	cps
Ytterbium	172-1	25	33	67	42	52.92	cps
Ytterbium	172-2	33	17	17	22	43.28	cps
Ytterbium	176-1	792	717	600	703	13.74	cps
Ytterbium	176-2	3539	3984	3667	3730	6.14	cps
Yttrium	89-1	14117494	14015094	13900541	14011043	0.77	cps
Yttrium	89-2	1555265	1539445	1479788	1524833	2.61	cps
Zinc	66-2	169447	169287	164143	167626	1.80	cps
Zirconium	90-1	942	1050	1117	1036	8.52	cps
Zirconium	91-1	217	192	258	222	15.16	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-16	Instrumnet Name :	P8
Client Sample ID :	MH1F84	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:37:08	DataFile Name :	093AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	537	489	520	515	4.79	cps
Antimony	121-1	64905	65273	65425	65201	0.41	cps
Arsenic	75-2	820	755	833	803	5.21	cps
Barium	135-1	48379	49232	48973	48861	0.89	cps
Barium	137-1	85731	87300	83626	85552	2.15	cps
Beryllium	9-1	64	76	64	68	10.19	cps
Bismuth	209-1	4121431	4256543	4258243	4212072	1.86	cps
Bismuth	209-2	2408057	2323516	2310345	2347306	2.26	cps
Boron	10-1	5928	6186	6086	6067	2.14	cps
Boron	11-1	28384	30027	30301	29571	3.51	cps
Bromine	81-1	29953	29993	33274	31073	6.13	cps
Cadmium	111-1	8441	8254	8097	8264	2.08	cps
Cadmium	106-1	3826	3876	3501	3734	5.46	cps
Cadmium	108-1	454	521	400	458	13.21	cps
Calcium	43-1	2894619	2961826	2940388	2932278	1.17	cps
Calcium	44-1	48095491	49408455	47412390	48305445	2.10	cps
Carbon	12-1	7807191	8780075	9085046	8557437	7.80	cps
Carbon	12-2	107383	109154	110255	108931	1.33	cps
Chlorine	35-1	5163882	5672689	6042606	5626393	7.84	cps
Chlorine	35-2	48716	49803	50130	49550	1.49	cps
Chromium	52-2	770	840	750	787	6.01	cps
Cobalt	59-2	640	563	527	577	10.03	cps
Copper	63-2	7262	7092	7102	7152	1.33	cps
Dysprosium	156-1	17	25	17	19	24.73	cps
Dysprosium	156-2	7	17	3	9	78.08	cps
Erbium	164-1	50	75	67	64	19.92	cps
Erbium	164-2	43	37	17	32	43.06	cps
Gadolinium	160-1	50	58	58	56	8.66	cps
Gadolinium	160-2	50	67	83	67	25.00	cps
Holmium	165-1	7491755	7512972	7467245	7490657	0.31	cps
Holmium	165-2	3639313	3593467	3471610	3568130	2.43	cps
Indium	115-1	6898154	6861197	6580636	6779996	2.56	cps
Indium	115-2	1075231	1044544	1041948	1053908	1.76	cps
Iron	54-2	3789	3339	3762	3630	6.95	cps
Iron	56-2	61443	61683	58431	60519	2.99	cps
Iron	57-2	5262	5384	5540	5396	2.58	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-16	Instrumnet Name :	P8
Client Sample ID :	MH1F84	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:37:08	DataFile Name :	093AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1173	1153	1123	1150	2.19	cps
Lead	206-1	27212	25386	26561	26386	3.51	cps
Lead	207-1	22826	23221	22703	22917	1.18	cps
Lead	208-1	105401	104104	106508	105338	1.14	cps
Lithium	6-1	2916891	2846476	2737728	2833698	3.19	cps
Magnesium	24-2	5186071	5152458	5164294	5167608	0.33	cps
Manganese	55-2	39364	38579	38108	38684	1.64	cps
Molybdenum	94-1	2259	2075	2317	2217	5.69	cps
Molybdenum	95-1	3234	3267	3242	3248	0.53	cps
Molybdenum	96-1	3400	3559	3501	3487	2.30	cps
Molybdenum	97-1	2084	2209	2017	2103	4.63	cps
Molybdenum	98-1	4926	4768	5293	4995	5.39	cps
Neodymium	150-1	20	20	33	24	31.49	cps
Neodymium	150-2	7	13	3	8	65.47	cps
Nickel	60-2	1133	1200	1060	1131	6.19	cps
Phosphorus	31-2	100	158	125	128	22.91	cps
Potassium	39-2	264758	259739	272996	265831	2.52	cps
Rhodium	103-1	6733417	6567069	6328613	6543033	3.11	cps
Rhodium	103-2	3274250	3151713	3127139	3184367	2.47	cps
Scandium	45-1	6047108	5992092	5742555	5927251	2.74	cps
Scandium	45-2	203730	201209	196894	200611	1.72	cps
Selenium	82-1	12	100	130	81	76.35	cps
Selenium	77-2	10	0	0	3	173.21	cps
Selenium	78-2	65	58	57	60	7.26	cps
Silicon	28-1	27150465	27808803	27776578	27578615	1.35	cps
Silver	107-1	392	392	450	411	8.19	cps
Silver	109-1	425	383	433	414	6.47	cps
Sodium	23-2	36471915	36454334	37308883	36745044	1.33	cps
Strontium	86-1	1389867	1456073	1414855	1420265	2.35	cps
Strontium	88-1	11558624	12034149	11790536	11794436	2.02	cps
Sulfur	34-1	2261937	2365812	2348476	2325408	2.39	cps
Terbium	159-1	7907170	7882927	7745899	7845332	1.11	cps
Terbium	159-2	3725481	3558141	3475877	3586500	3.55	cps
Thallium	203-1	958	917	925	933	2.36	cps
Thallium	205-1	2200	2609	2267	2359	9.29	cps
Tin	118-1	683	808	917	803	14.55	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-16	Instrumnet Name :	P8
Client Sample ID :	MH1F84	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:37:08	DataFile Name :	093AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	808	900	850	853	5.38	cps
Uranium	238-1	26228	27288	26294	26603	2.23	cps
Vanadium	51-2	210	217	253	227	10.30	cps
Ytterbium	172-1	42	42	108	64	60.24	cps
Ytterbium	172-2	22	11	28	20	41.67	cps
Ytterbium	176-1	675	817	667	719	11.72	cps
Ytterbium	176-2	3706	3756	3489	3651	3.88	cps
Yttrium	89-1	13678111	13373496	13623606	13558405	1.20	cps
Yttrium	89-2	1558195	1483853	1490151	1510733	2.73	cps
Zinc	66-2	388433	388326	391434	389398	0.45	cps
Zirconium	90-1	950	967	1117	1011	9.08	cps
Zirconium	91-1	308	167	258	244	29.39	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-17	Instrumnet Name :	P8
Client Sample ID :	MH1F86	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:40:04	DataFile Name :	094AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2307	1886	1975	2056	10.78	cps
Antimony	121-1	73079	76155	71605	73613	3.15	cps
Arsenic	75-2	961	922	999	961	4.01	cps
Barium	135-1	46180	48270	49683	48044	3.67	cps
Barium	137-1	84517	82764	84306	83862	1.14	cps
Beryllium	9-1	70	66	82	73	11.45	cps
Bismuth	209-1	4021792	4120571	4105463	4082609	1.30	cps
Bismuth	209-2	2367170	2422402	2434494	2408022	1.49	cps
Boron	10-1	5704	6134	6006	5948	3.71	cps
Boron	11-1	28408	29790	30990	29730	4.35	cps
Bromine	81-1	26352	27456	25560	26456	3.60	cps
Cadmium	111-1	9981	9707	10076	9921	1.93	cps
Cadmium	106-1	3709	3817	3359	3628	6.60	cps
Cadmium	108-1	621	692	588	633	8.40	cps
Calcium	43-1	2900499	2890904	3056883	2949429	3.16	cps
Calcium	44-1	46161234	47548222	48212763	47307406	2.21	cps
Carbon	12-1	7061514	7278024	7620567	7320035	3.85	cps
Carbon	12-2	91929	91728	94982	92880	1.96	cps
Chlorine	35-1	5607131	5962502	6425363	5998332	6.84	cps
Chlorine	35-2	51869	51868	53792	52510	2.11	cps
Chromium	52-2	940	1013	1060	1004	6.02	cps
Cobalt	59-2	963	817	977	919	9.66	cps
Copper	63-2	14985	15128	15178	15097	0.67	cps
Dysprosium	156-1	58	17	50	42	52.91	cps
Dysprosium	156-2	7	23	10	13	66.12	cps
Erbium	164-1	75	83	108	89	19.52	cps
Erbium	164-2	60	40	27	42	39.73	cps
Gadolinium	160-1	58	100	58	72	33.31	cps
Gadolinium	160-2	63	53	77	64	18.17	cps
Holmium	165-1	7446987	7265096	7348119	7353401	1.24	cps
Holmium	165-2	3632460	3717319	3772383	3707387	1.90	cps
Indium	115-1	6612408	6703844	6833680	6716644	1.66	cps
Indium	115-2	1087090	1084877	1098038	1090001	0.65	cps
Iron	54-2	9070	8514	8975	8853	3.36	cps
Iron	56-2	158298	158439	163143	159960	1.72	cps
Iron	57-2	7674	7630	7680	7661	0.36	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-17	Instrumnet Name :	P8
Client Sample ID :	MH1F86	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:40:04	DataFile Name :	094AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1107	1100	1170	1126	3.43	cps
Lead	206-1	133929	138596	136081	136202	1.71	cps
Lead	207-1	122918	124612	120663	122731	1.61	cps
Lead	208-1	552583	556884	552293	553920	0.46	cps
Lithium	6-1	2818525	2757353	2821133	2799004	1.29	cps
Magnesium	24-2	5357961	5428462	5368780	5385068	0.71	cps
Manganese	55-2	72527	70474	72088	71696	1.51	cps
Molybdenum	94-1	2442	2334	2234	2336	4.46	cps
Molybdenum	95-1	3150	3309	3501	3320	5.28	cps
Molybdenum	96-1	3651	3175	3284	3370	7.39	cps
Molybdenum	97-1	2184	2025	1892	2034	7.18	cps
Molybdenum	98-1	4934	5076	4968	4993	1.48	cps
Neodymium	150-1	67	60	47	58	17.62	cps
Neodymium	150-2	17	27	27	23	24.74	cps
Nickel	60-2	1833	1707	1707	1749	4.18	cps
Phosphorus	31-2	208	67	175	150	49.38	cps
Potassium	39-2	271189	274678	273648	273172	0.66	cps
Rhodium	103-1	6295580	6584202	6616739	6498841	2.72	cps
Rhodium	103-2	3310235	3340095	3258305	3302878	1.25	cps
Scandium	45-1	5594769	5847408	5790525	5744234	2.31	cps
Scandium	45-2	207149	204107	206124	205793	0.75	cps
Selenium	82-1	95	107	85	96	11.92	cps
Selenium	77-2	10	3	3	6	69.34	cps
Selenium	78-2	68	63	54	62	11.50	cps
Silicon	28-1	26571027	27071676	27515193	27052632	1.75	cps
Silver	107-1	917	1100	1192	1070	13.09	cps
Silver	109-1	992	1008	983	995	1.28	cps
Sodium	23-2	38593969	37793948	37595178	37994365	1.39	cps
Strontium	86-1	1372864	1406657	1426793	1402105	1.94	cps
Strontium	88-1	11701180	11448905	12034477	11728188	2.50	cps
Sulfur	34-1	2316289	2276156	2312673	2301706	0.96	cps
Terbium	159-1	7562798	7675056	7595599	7611151	0.76	cps
Terbium	159-2	3643070	3715590	3694640	3684433	1.01	cps
Thallium	203-1	1067	1150	1308	1175	10.45	cps
Thallium	205-1	2709	2459	2342	2503	7.49	cps
Tin	118-1	1200	1175	1500	1292	14.00	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-17	Instrumnet Name :	P8
Client Sample ID :	MH1F86	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:40:04	DataFile Name :	094AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1592	1917	1575	1695	11.37	cps
Uranium	238-1	25635	26328	26470	26145	1.71	cps
Vanadium	51-2	277	327	323	309	9.05	cps
Ytterbium	172-1	50	33	50	44	21.66	cps
Ytterbium	172-2	28	11	22	20	41.67	cps
Ytterbium	176-1	650	633	650	644	1.49	cps
Ytterbium	176-2	3923	3801	4112	3945	3.97	cps
Yttrium	89-1	13330602	13107154	13683983	13373913	2.17	cps
Yttrium	89-2	1586560	1539552	1546429	1557514	1.63	cps
Zinc	66-2	511788	513257	513461	512835	0.18	cps
Zirconium	90-1	1200	1317	1175	1231	6.14	cps
Zirconium	91-1	333	325	258	306	13.45	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-18	Instrumnet Name :	P8
Client Sample ID :	MH1F88	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:43:02	DataFile Name :	095AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3698	3593	3462	3584	3.28	cps
Antimony	121-1	76884	78510	80237	78544	2.13	cps
Arsenic	75-2	1614	1502	1551	1556	3.61	cps
Barium	135-1	54577	57197	54527	55434	2.75	cps
Barium	137-1	92617	94170	94632	93806	1.13	cps
Beryllium	9-1	74	66	76	72	7.35	cps
Bismuth	209-1	4312342	4291488	4246712	4283514	0.78	cps
Bismuth	209-2	2449681	2437216	2421370	2436089	0.58	cps
Boron	10-1	8397	8929	8787	8704	3.17	cps
Boron	11-1	42018	42996	42533	42516	1.15	cps
Bromine	81-1	28097	30093	31839	30010	6.24	cps
Cadmium	111-1	9289	9007	9249	9182	1.66	cps
Cadmium	106-1	3942	3509	3809	3753	5.91	cps
Cadmium	108-1	633	650	421	568	22.49	cps
Calcium	43-1	2690832	2770707	2842873	2768138	2.75	cps
Calcium	44-1	44153067	45455273	43746019	44451453	2.01	cps
Carbon	12-1	6900610	7200650	7796999	7299420	6.25	cps
Carbon	12-2	91377	94933	94202	93504	2.01	cps
Chlorine	35-1	5822829	6315102	6716048	6284660	7.12	cps
Chlorine	35-2	54378	54955	57590	55641	3.08	cps
Chromium	52-2	1427	1253	1320	1333	6.56	cps
Cobalt	59-2	1157	1073	1070	1100	4.46	cps
Copper	63-2	34472	35057	34459	34662	0.99	cps
Dysprosium	156-1	167	100	192	153	31.02	cps
Dysprosium	156-2	83	83	90	86	4.50	cps
Erbium	164-1	58	83	108	83	30.00	cps
Erbium	164-2	57	60	57	58	3.33	cps
Gadolinium	160-1	283	233	233	250	11.55	cps
Gadolinium	160-2	200	150	127	159	23.58	cps
Holmium	165-1	7606974	7765712	7383553	7585413	2.53	cps
Holmium	165-2	3723858	3719000	3648845	3697234	1.14	cps
Indium	115-1	7056709	6767274	6980451	6934811	2.16	cps
Indium	115-2	1105714	1091525	1091768	1096336	0.74	cps
Iron	54-2	21951	21255	22462	21889	2.77	cps
Iron	56-2	393807	381750	388070	387876	1.55	cps
Iron	57-2	13223	13812	12878	13305	3.55	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-18	Instrumnet Name :	P8
Client Sample ID :	MH1F88	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:43:02	DataFile Name :	095AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1123	1030	1250	1135	9.73	cps
Lead	206-1	512125	511445	528429	517333	1.86	cps
Lead	207-1	457323	461686	453191	457400	0.93	cps
Lead	208-1	2108458	2088272	2099172	2098634	0.48	cps
Lithium	6-1	2838995	2877098	2916735	2877609	1.35	cps
Magnesium	24-2	4897026	5117980	5058148	5024384	2.27	cps
Manganese	55-2	77607	77416	75372	76798	1.61	cps
Molybdenum	94-1	2292	2234	2192	2239	2.24	cps
Molybdenum	95-1	2950	3009	2967	2975	1.01	cps
Molybdenum	96-1	3159	3050	3534	3248	7.81	cps
Molybdenum	97-1	1892	1717	1542	1717	10.20	cps
Molybdenum	98-1	4484	5009	4526	4673	6.25	cps
Neodymium	150-1	107	107	173	129	29.86	cps
Neodymium	150-2	30	23	20	24	20.83	cps
Nickel	60-2	1373	1380	1327	1360	2.14	cps
Phosphorus	31-2	192	267	242	233	16.37	cps
Potassium	39-2	527069	527450	522737	525752	0.50	cps
Rhodium	103-1	6634882	6518067	6468757	6540569	1.30	cps
Rhodium	103-2	3265971	3240627	3330311	3278970	1.41	cps
Scandium	45-1	6126797	5926606	6015221	6022874	1.67	cps
Scandium	45-2	212275	204852	206965	208030	1.84	cps
Selenium	82-1	48	212	-8	84	136.09	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	65	57	66	63	7.87	cps
Silicon	28-1	26829814	26357796	27756635	26981415	2.64	cps
Silver	107-1	4909	4984	5151	5015	2.47	cps
Silver	109-1	4918	5176	5385	5159	4.53	cps
Sodium	23-2	44461716	45286724	45212465	44986968	1.01	cps
Strontium	86-1	1287837	1276027	1301521	1288462	0.99	cps
Strontium	88-1	10816183	10597090	10699561	10704278	1.02	cps
Sulfur	34-1	2109648	2032439	2116075	2086054	2.23	cps
Terbium	159-1	7979863	7800442	8093064	7957790	1.85	cps
Terbium	159-2	3687469	3653581	3687104	3676051	0.53	cps
Thallium	203-1	958	1117	1117	1064	8.59	cps
Thallium	205-1	2242	2584	2600	2475	8.17	cps
Tin	118-1	1525	1392	1317	1411	7.48	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-18	Instrumnet Name :	P8
Client Sample ID :	MH1F88	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:43:02	DataFile Name :	095AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2192	1833	2184	2070	9.88	cps
Uranium	238-1	23823	24032	24182	24012	0.75	cps
Vanadium	51-2	490	510	590	530	9.98	cps
Ytterbium	172-1	58	42	17	39	53.93	cps
Ytterbium	172-2	22	50	17	30	60.27	cps
Ytterbium	176-1	733	758	758	750	1.93	cps
Ytterbium	176-2	3923	3851	4073	3949	2.87	cps
Yttrium	89-1	13814211	13747419	13534118	13698583	1.07	cps
Yttrium	89-2	1570765	1553004	1578939	1567569	0.85	cps
Zinc	66-2	416779	409442	404715	410312	1.48	cps
Zirconium	90-1	1275	1483	1433	1397	7.78	cps
Zirconium	91-1	358	417	333	369	11.58	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-19	Instrumnet Name :	P8
Client Sample ID :	MH1F88D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:45:57	DataFile Name :	096AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3790	3723	3704	3739	1.21	cps
Antimony	121-1	80278	81191	81277	80915	0.68	cps
Arsenic	75-2	1526	1585	1601	1571	2.51	cps
Barium	135-1	53549	54511	55431	54497	1.73	cps
Barium	137-1	96816	100843	94983	97547	3.07	cps
Beryllium	9-1	100	66	72	79	22.87	cps
Bismuth	209-1	4056034	4301749	4192143	4183309	2.94	cps
Bismuth	209-2	2451082	2562827	2442096	2485335	2.71	cps
Boron	10-1	8745	9197	9299	9080	3.25	cps
Boron	11-1	44308	45369	44743	44807	1.19	cps
Bromine	81-1	27195	30365	29682	29080	5.74	cps
Cadmium	111-1	9372	9809	9908	9696	2.94	cps
Cadmium	106-1	3742	4009	3976	3909	3.72	cps
Cadmium	108-1	600	642	533	592	9.24	cps
Calcium	43-1	2732886	2925164	2911155	2856402	3.75	cps
Calcium	44-1	45063101	47036832	45198696	45766210	2.41	cps
Carbon	12-1	7200244	7522662	7759353	7494086	3.74	cps
Carbon	12-2	92382	96258	95594	94745	2.19	cps
Chlorine	35-1	6362562	7073715	7465477	6967251	8.02	cps
Chlorine	35-2	57750	60476	60728	59651	2.77	cps
Chromium	52-2	1457	1280	1417	1385	6.69	cps
Cobalt	59-2	1137	1130	1210	1159	3.83	cps
Copper	63-2	34957	35050	36016	35341	1.66	cps
Dysprosium	156-1	233	200	150	194	21.57	cps
Dysprosium	156-2	97	87	93	92	5.52	cps
Erbium	164-1	83	108	125	106	19.86	cps
Erbium	164-2	67	40	57	54	24.75	cps
Gadolinium	160-1	250	200	158	203	22.63	cps
Gadolinium	160-2	143	160	170	158	8.54	cps
Holmium	165-1	7256215	7574018	7830178	7553470	3.81	cps
Holmium	165-2	3759804	3876230	3733870	3789968	2.00	cps
Indium	115-1	6502841	7118077	7265094	6962004	5.81	cps
Indium	115-2	1113782	1128048	1125490	1122440	0.68	cps
Iron	54-2	22674	22162	22218	22351	1.26	cps
Iron	56-2	405634	396467	401391	401164	1.14	cps
Iron	57-2	13240	13507	13440	13395	1.04	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-19	Instrumnet Name :	P8
Client Sample ID :	MH1F88D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:45:57	DataFile Name :	096AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1113	1200	1130	1148	4.01	cps
Lead	206-1	541946	526203	534871	534340	1.48	cps
Lead	207-1	479334	466903	463603	469947	1.77	cps
Lead	208-1	2187689	2138725	2137102	2154506	1.33	cps
Lithium	6-1	2720482	2796907	3003103	2840164	5.15	cps
Magnesium	24-2	5209667	5032053	5261994	5167905	2.33	cps
Manganese	55-2	79772	77657	80262	79230	1.75	cps
Molybdenum	94-1	2417	2150	2259	2275	5.90	cps
Molybdenum	95-1	2975	2834	3184	2998	5.87	cps
Molybdenum	96-1	3476	3542	3142	3387	6.33	cps
Molybdenum	97-1	1809	1667	1959	1811	8.05	cps
Molybdenum	98-1	5226	4943	5076	5082	2.79	cps
Neodymium	150-1	173	100	180	151	29.38	cps
Neodymium	150-2	57	50	60	56	9.17	cps
Nickel	60-2	1477	1437	1410	1441	2.33	cps
Phosphorus	31-2	342	258	258	286	16.82	cps
Potassium	39-2	538207	534175	524240	532207	1.35	cps
Rhodium	103-1	6311429	6845389	6903257	6686692	4.88	cps
Rhodium	103-2	3373403	3268806	3296338	3312849	1.64	cps
Scandium	45-1	5518687	6164017	6227650	5970118	6.57	cps
Scandium	45-2	215414	214633	214347	214798	0.26	cps
Selenium	82-1	118	-41	102	60	147.30	cps
Selenium	77-2	7	3	7	6	34.70	cps
Selenium	78-2	56	61	58	58	4.31	cps
Silicon	28-1	27670626	28281340	28660729	28204232	1.77	cps
Silver	107-1	5701	4968	5918	5529	9.01	cps
Silver	109-1	5118	4984	4584	4895	5.67	cps
Sodium	23-2	47136605	45546236	46880679	46521174	1.84	cps
Strontium	86-1	1313349	1312202	1336723	1320758	1.05	cps
Strontium	88-1	11299102	11297097	11354356	11316852	0.29	cps
Sulfur	34-1	2135601	2150310	2146001	2143971	0.35	cps
Terbium	159-1	7273313	7976780	8139121	7796405	5.90	cps
Terbium	159-2	3726101	3651720	3743346	3707056	1.31	cps
Thallium	203-1	1058	1292	1150	1167	10.08	cps
Thallium	205-1	2534	2584	2684	2600	2.94	cps
Tin	118-1	1417	1442	1425	1428	0.89	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-19	Instrumnet Name :	P8
Client Sample ID :	MH1F88D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:45:57	DataFile Name :	096AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2059	2142	2100	2100	1.98	cps
Uranium	238-1	23898	24107	23915	23973	0.48	cps
Vanadium	51-2	610	567	590	589	3.68	cps
Ytterbium	172-1	67	58	67	64	7.54	cps
Ytterbium	172-2	28	6	28	20	62.97	cps
Ytterbium	176-1	783	775	758	772	1.65	cps
Ytterbium	176-2	4251	3956	4129	4112	3.60	cps
Yttrium	89-1	13480040	13867976	13811464	13719826	1.53	cps
Yttrium	89-2	1580267	1612728	1572398	1588464	1.35	cps
Zinc	66-2	421911	418581	419837	420110	0.40	cps
Zirconium	90-1	1692	1367	1492	1517	10.81	cps
Zirconium	91-1	242	375	342	319	21.72	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-18LREX5	Instrumnet Name :	P8
Client Sample ID :	MH1F88L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-19 17:48:55	DataFile Name :	097AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	817	874	817	836	3.88	cps
Antimony	121-1	15192	15593	15743	15509	1.83	cps
Arsenic	75-2	297	324	313	311	4.36	cps
Barium	135-1	11363	10404	11172	10980	4.62	cps
Barium	137-1	19556	20116	18764	19478	3.49	cps
Beryllium	9-1	62	74	66	67	9.08	cps
Bismuth	209-1	4350083	4401114	4443995	4398397	1.07	cps
Bismuth	209-2	2500882	2478137	2636117	2538379	3.36	cps
Boron	10-1	2864	2814	3044	2907	4.16	cps
Boron	11-1	14260	14184	13956	14133	1.12	cps
Bromine	81-1	19674	20065	19634	19791	1.20	cps
Cadmium	111-1	3642	3706	3573	3640	1.84	cps
Cadmium	106-1	3159	3409	3125	3231	4.79	cps
Cadmium	108-1	117	108	171	132	25.72	cps
Calcium	43-1	533599	542825	530382	535602	1.21	cps
Calcium	44-1	8768312	8837865	8241451	8615876	3.79	cps
Carbon	12-1	5373195	5278285	5302151	5317877	0.93	cps
Carbon	12-2	60818	59103	60936	60286	1.70	cps
Chlorine	35-1	3681225	3577442	3558112	3605593	1.84	cps
Chlorine	35-2	25548	24463	24671	24894	2.31	cps
Chromium	52-2	1040	873	887	933	9.93	cps
Cobalt	59-2	277	357	313	316	12.69	cps
Copper	63-2	7575	7535	7866	7659	2.35	cps
Dysprosium	156-1	50	67	33	50	33.34	cps
Dysprosium	156-2	13	20	13	16	24.76	cps
Erbium	164-1	92	92	83	89	5.41	cps
Erbium	164-2	50	17	23	30	58.79	cps
Gadolinium	160-1	108	67	67	81	29.86	cps
Gadolinium	160-2	63	83	73	73	13.64	cps
Holmium	165-1	7612744	7661653	7653170	7642523	0.34	cps
Holmium	165-2	3741517	3824085	3811025	3792209	1.17	cps
Indium	115-1	7118898	7198980	7127726	7148535	0.61	cps
Indium	115-2	1112387	1107558	1128377	1116107	0.98	cps
Iron	54-2	5129	4451	4840	4806	7.08	cps
Iron	56-2	80242	81990	80387	80873	1.20	cps
Iron	57-2	2778	2878	2578	2745	5.57	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-18LREX5	Instrumnet Name :	P8
Client Sample ID :	MH1F88L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-19 17:48:55	DataFile Name :	097AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1227	1180	1050	1152	7.95	cps
Lead	206-1	102956	104594	100112	102554	2.21	cps
Lead	207-1	90129	92753	88344	90409	2.45	cps
Lead	208-1	421913	420171	414445	418843	0.93	cps
Lithium	6-1	3044388	3019129	2983843	3015787	1.01	cps
Magnesium	24-2	1025315	1019760	1008895	1017990	0.82	cps
Manganese	55-2	15485	15202	15485	15391	1.06	cps
Molybdenum	94-1	667	792	775	744	9.12	cps
Molybdenum	95-1	800	800	633	744	12.93	cps
Molybdenum	96-1	842	792	892	842	5.94	cps
Molybdenum	97-1	350	433	350	378	12.74	cps
Molybdenum	98-1	1125	1258	1050	1145	9.22	cps
Neodymium	150-1	27	47	40	38	26.95	cps
Neodymium	150-2	7	3	13	8	65.47	cps
Nickel	60-2	307	410	330	349	15.53	cps
Phosphorus	31-2	183	92	108	128	38.21	cps
Potassium	39-2	119855	117402	118150	118469	1.06	cps
Rhodium	103-1	6708035	6882205	7072737	6887659	2.65	cps
Rhodium	103-2	3263906	3564971	3415235	3414704	4.41	cps
Scandium	45-1	6195736	6274975	5942184	6137632	2.83	cps
Scandium	45-2	209176	215166	215749	213364	1.71	cps
Selenium	82-1	-62	-2	120	18	502.20	cps
Selenium	77-2	10	0	0	3	173.21	cps
Selenium	78-2	62	53	64	60	9.82	cps
Silicon	28-1	5943991	5837760	5914932	5898894	0.93	cps
Silver	107-1	1158	1342	1192	1231	7.94	cps
Silver	109-1	950	1050	908	970	7.51	cps
Sodium	23-2	9115310	8796383	8656956	8856216	2.65	cps
Strontium	86-1	251871	259003	257322	256065	1.46	cps
Strontium	88-1	2136723	2151037	2176454	2154738	0.93	cps
Sulfur	34-1	916791	897277	897416	903828	1.24	cps
Terbium	159-1	8039809	8103037	8124433	8089093	0.54	cps
Terbium	159-2	3638855	3742050	3773328	3718078	1.89	cps
Thallium	203-1	325	350	333	336	3.79	cps
Thallium	205-1	775	592	708	692	13.42	cps
Tin	118-1	1658	1733	1658	1683	2.57	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-18LREX5	Instrumnet Name :	P8
Client Sample ID :	MH1F88L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-19 17:48:55	DataFile Name :	097AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	608	675	608	631	6.11	cps
Uranium	238-1	4584	4868	4918	4790	3.75	cps
Vanadium	51-2	133	157	103	131	20.39	cps
Ytterbium	172-1	8	0	33	14	124.91	cps
Ytterbium	172-2	33	0	17	17	99.99	cps
Ytterbium	176-1	717	642	892	750	17.11	cps
Ytterbium	176-2	3612	3895	4106	3871	6.41	cps
Yttrium	89-1	13852154	14171785	13899225	13974388	1.23	cps
Yttrium	89-2	1561228	1605756	1599492	1588825	1.52	cps
Zinc	66-2	86020	85937	85634	85864	0.24	cps
Zirconium	90-1	900	850	1000	917	8.33	cps
Zirconium	91-1	183	133	208	175	21.82	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-18RE	Instrumnet Name :	P8
Client Sample ID :	MH1F88	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:51:53	DataFile Name :	098AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3359	3417	3289	3355	1.92	cps
Antimony	121-1	72920	75316	77336	75191	2.94	cps
Arsenic	75-2	1488	1534	1422	1482	3.80	cps
Barium	135-1	49969	53900	53290	52386	4.04	cps
Barium	137-1	90285	92928	89934	91049	1.80	cps
Beryllium	9-1	80	88	60	76	18.97	cps
Bismuth	209-1	3928232	3699384	3822066	3816561	3.00	cps
Bismuth	209-2	2311554	2273059	2271994	2285536	0.99	cps
Boron	10-1	7955	8549	8593	8365	4.26	cps
Boron	11-1	38922	42146	42834	41301	5.06	cps
Bromine	81-1	21128	21830	22772	21910	3.77	cps
Cadmium	111-1	8598	9180	8502	8760	4.19	cps
Cadmium	106-1	3559	3551	3167	3426	6.53	cps
Cadmium	108-1	463	600	554	539	12.99	cps
Calcium	43-1	2599728	2687634	2683779	2657047	1.87	cps
Calcium	44-1	40798118	42269269	43000585	42022657	2.67	cps
Carbon	12-1	6408388	6878574	7178110	6821691	5.69	cps
Carbon	12-2	81853	84351	84451	83552	1.76	cps
Chlorine	35-1	4826071	5393344	5691596	5303670	8.29	cps
Chlorine	35-2	45974	46316	47638	46643	1.88	cps
Chromium	52-2	1933	1787	1940	1887	4.59	cps
Cobalt	59-2	1160	1063	1060	1095	5.19	cps
Copper	63-2	34616	34853	33921	34463	1.41	cps
Dysprosium	156-1	175	125	150	150	16.67	cps
Dysprosium	156-2	90	103	90	94	8.15	cps
Erbium	164-1	117	142	117	125	11.55	cps
Erbium	164-2	47	57	33	46	25.70	cps
Gadolinium	160-1	175	208	158	181	14.10	cps
Gadolinium	160-2	150	93	110	118	24.73	cps
Holmium	165-1	6827443	6564989	6764516	6718983	2.04	cps
Holmium	165-2	3604383	3495567	3547343	3549098	1.53	cps
Indium	115-1	6153904	6093785	6467732	6238474	3.22	cps
Indium	115-2	1054278	1040427	1026703	1040469	1.33	cps
Iron	54-2	18312	19497	17823	18544	4.64	cps
Iron	56-2	344630	341563	339024	341739	0.82	cps
Iron	57-2	12055	11772	11588	11805	1.99	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-18RE	Instrumnet Name :	P8
Client Sample ID :	MH1F88	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:51:53	DataFile Name :	098AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1220	1070	1163	1151	6.58	cps
Lead	206-1	470177	490660	484041	481626	2.17	cps
Lead	207-1	411233	434206	424237	423225	2.72	cps
Lead	208-1	1890494	1978299	1959457	1942750	2.38	cps
Lithium	6-1	2670412	2512522	2669138	2617357	3.47	cps
Magnesium	24-2	4889144	4858305	4830893	4859447	0.60	cps
Manganese	55-2	75251	77875	74685	75937	2.24	cps
Molybdenum	94-1	2175	1950	1967	2031	6.17	cps
Molybdenum	95-1	2900	2784	2775	2820	2.48	cps
Molybdenum	96-1	3167	3426	3267	3287	3.96	cps
Molybdenum	97-1	1817	1667	1900	1795	6.59	cps
Molybdenum	98-1	4017	4359	4534	4304	6.11	cps
Neodymium	150-1	133	127	93	118	18.19	cps
Neodymium	150-2	27	43	53	41	32.76	cps
Nickel	60-2	1380	1400	1413	1398	1.20	cps
Phosphorus	31-2	192	325	200	239	31.27	cps
Potassium	39-2	519260	523316	511479	518018	1.16	cps
Rhodium	103-1	5944878	5651463	6172500	5922947	4.41	cps
Rhodium	103-2	3047151	3024905	3059700	3043919	0.58	cps
Scandium	45-1	5295170	4986350	5444219	5241913	4.46	cps
Scandium	45-2	200629	197199	195006	197611	1.43	cps
Selenium	82-1	-6	191	58	81	123.70	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	58	41	51	50	17.10	cps
Silicon	28-1	25525562	27062038	27795811	26794470	4.32	cps
Silver	107-1	4551	5084	4876	4837	5.56	cps
Silver	109-1	4509	4584	4076	4390	6.25	cps
Sodium	23-2	44337112	43789780	43647025	43924639	0.83	cps
Strontium	86-1	1191093	1257635	1267594	1238774	3.36	cps
Strontium	88-1	10028627	10470263	10652064	10383651	3.09	cps
Sulfur	34-1	1934583	2123429	2103913	2053975	5.06	cps
Terbium	159-1	7184192	6859476	7386714	7143461	3.72	cps
Terbium	159-2	3557393	3451187	3454088	3487556	1.73	cps
Thallium	203-1	1075	933	933	981	8.34	cps
Thallium	205-1	2617	2434	2259	2436	7.36	cps
Tin	118-1	2100	2017	2275	2131	6.19	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-18RE	Instrumnet Name :	P8
Client Sample ID :	MH1F88	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:51:53	DataFile Name :	098AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2459	1917	2017	2131	13.54	cps
Uranium	238-1	22420	22629	22830	22626	0.90	cps
Vanadium	51-2	603	533	603	580	6.97	cps
Ytterbium	172-1	17	75	8	33	108.97	cps
Ytterbium	172-2	22	28	28	26	12.38	cps
Ytterbium	176-1	625	533	575	578	7.94	cps
Ytterbium	176-2	3578	3673	3928	3727	4.86	cps
Yttrium	89-1	12539929	11563766	12481541	12195079	4.49	cps
Yttrium	89-2	1480688	1454799	1472891	1469459	0.90	cps
Zinc	66-2	397338	395636	391412	394796	0.77	cps
Zirconium	90-1	1642	1350	1525	1506	9.75	cps
Zirconium	91-1	317	333	433	361	17.47	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-01	Instrumnet Name :	P8
Client Sample ID :	MH1D93	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:54:51	DataFile Name :	099AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	324	342	339	335	2.96	cps
Antimony	121-1	21551	21317	21576	21481	0.66	cps
Arsenic	75-2	343	329	315	329	4.25	cps
Barium	135-1	10446	12039	11464	11316	7.13	cps
Barium	137-1	19097	20316	18738	19384	4.27	cps
Beryllium	9-1	68	62	48	59	17.30	cps
Bismuth	209-1	4433128	4538767	4567791	4513228	1.57	cps
Bismuth	209-2	2469265	2488878	2440488	2466210	0.99	cps
Boron	10-1	3134	3056	2970	3053	2.69	cps
Boron	11-1	13750	14270	14370	14130	2.36	cps
Bromine	81-1	18812	18912	20677	19467	5.39	cps
Cadmium	111-1	4351	4050	3831	4077	6.39	cps
Cadmium	106-1	3334	3017	2809	3053	8.66	cps
Cadmium	108-1	167	167	175	169	2.84	cps
Calcium	43-1	1004564	1004689	1003153	1004136	0.08	cps
Calcium	44-1	16634346	16236139	16219527	16363338	1.44	cps
Carbon	12-1	6700303	7251425	7513308	7155012	5.80	cps
Carbon	12-2	92181	90823	93389	92131	1.39	cps
Chlorine	35-1	2870394	2895766	2696858	2821006	3.84	cps
Chlorine	35-2	19230	18946	17870	18682	3.84	cps
Chromium	52-2	2630	2577	2527	2578	2.00	cps
Cobalt	59-2	977	943	967	962	1.78	cps
Copper	63-2	5474	5081	5071	5209	4.42	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	10	0	17	9	94.38	cps
Erbium	164-1	42	92	83	72	37.09	cps
Erbium	164-2	17	37	50	34	48.70	cps
Gadolinium	160-1	33	42	92	56	56.79	cps
Gadolinium	160-2	27	50	70	49	44.36	cps
Holmium	165-1	7654454	7796498	7698317	7716423	0.94	cps
Holmium	165-2	3759102	3766620	3661128	3728950	1.58	cps
Indium	115-1	7038104	6976286	7257868	7090752	2.09	cps
Indium	115-2	1114571	1115704	1085123	1105132	1.57	cps
Iron	54-2	1233	1350	1311	1298	4.58	cps
Iron	56-2	18701	19336	19514	19183	2.23	cps
Iron	57-2	1617	2000	1883	1833	10.72	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-01	Instrumnet Name :	P8
Client Sample ID :	MH1D93	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:54:51	DataFile Name :	099AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1090	1003	1233	1109	10.48	cps
Lead	206-1	1617	1472	1461	1517	5.72	cps
Lead	207-1	1383	1278	1139	1267	9.68	cps
Lead	208-1	6245	5895	5639	5927	5.13	cps
Lithium	6-1	2999910	3121742	3093311	3071654	2.08	cps
Magnesium	24-2	1183852	1147650	1182314	1171272	1.75	cps
Manganese	55-2	13637	13196	13507	13446	1.68	cps
Molybdenum	94-1	3901	4042	3551	3831	6.61	cps
Molybdenum	95-1	6026	6293	6502	6274	3.80	cps
Molybdenum	96-1	6568	6502	6227	6432	2.82	cps
Molybdenum	97-1	3967	4076	3934	3992	1.86	cps
Molybdenum	98-1	10571	9537	8836	9648	9.04	cps
Neodymium	150-1	40	7	7	18	108.23	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	993	853	863	903	8.65	cps
Phosphorus	31-2	117	83	92	97	17.84	cps
Potassium	39-2	153370	147651	149604	150208	1.94	cps
Rhodium	103-1	6810986	6918849	6950993	6893609	1.06	cps
Rhodium	103-2	3457714	3343508	3230458	3343893	3.40	cps
Scandium	45-1	6104482	5990744	6134895	6076707	1.25	cps
Scandium	45-2	207841	213548	205184	208858	2.05	cps
Selenium	82-1	116	204	-38	94	130.48	cps
Selenium	77-2	0	10	3	4	114.60	cps
Selenium	78-2	68	60	66	65	6.44	cps
Silicon	28-1	29510017	28323732	28812866	28882205	2.06	cps
Silver	107-1	175	167	167	169	2.84	cps
Silver	109-1	142	117	92	117	21.43	cps
Sodium	23-2	4726070	4569251	4538701	4611341	2.18	cps
Strontium	86-1	242371	251433	246350	246718	1.84	cps
Strontium	88-1	2076038	2161226	2051664	2096310	2.74	cps
Sulfur	34-1	1023953	1027212	1001912	1017692	1.35	cps
Terbium	159-1	7805320	8207697	8252902	8088640	3.05	cps
Terbium	159-2	3638873	3642048	3711575	3664165	1.12	cps
Thallium	203-1	150	117	167	144	17.63	cps
Thallium	205-1	375	408	400	394	4.40	cps
Tin	118-1	1342	1400	1475	1406	4.76	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-01	Instrumnet Name :	P8
Client Sample ID :	MH1D93	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:54:51	DataFile Name :	099AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	542	708	625	625	13.33	cps
Uranium	238-1	19324	19273	20425	19674	3.31	cps
Vanadium	51-2	410	410	523	448	14.61	cps
Ytterbium	172-1	8	25	17	17	50.01	cps
Ytterbium	172-2	22	17	11	17	33.33	cps
Ytterbium	176-1	758	617	800	725	13.26	cps
Ytterbium	176-2	3751	3790	3751	3764	0.60	cps
Yttrium	89-1	14035094	14229152	14205239	14156495	0.75	cps
Yttrium	89-2	1560857	1544920	1546993	1550923	0.56	cps
Zinc	66-2	116825	114352	115141	115439	1.09	cps
Zirconium	90-1	850	792	692	778	10.30	cps
Zirconium	91-1	142	133	175	150	14.70	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-02	Instrumnet Name :	P8
Client Sample ID :	MH1D95	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:57:49	DataFile Name :	100AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	327	287	282	299	8.24	cps
Antimony	121-1	20741	20867	21259	20956	1.29	cps
Arsenic	75-2	328	366	327	340	6.53	cps
Barium	135-1	15718	15092	15893	15568	2.70	cps
Barium	137-1	26460	26126	25625	26070	1.61	cps
Beryllium	9-1	80	120	66	89	31.61	cps
Bismuth	209-1	4277905	4279644	4241278	4266276	0.51	cps
Bismuth	209-2	2466058	2460051	2338602	2421570	2.97	cps
Boron	10-1	3202	3140	3288	3210	2.32	cps
Boron	11-1	14612	14977	15627	15072	3.41	cps
Bromine	81-1	17950	19644	19052	18882	4.55	cps
Cadmium	111-1	4152	3969	3887	4003	3.39	cps
Cadmium	106-1	3434	3267	3150	3284	4.34	cps
Cadmium	108-1	175	163	133	157	13.62	cps
Calcium	43-1	1036690	1022992	1058973	1039552	1.75	cps
Calcium	44-1	16159874	16745782	17680962	16862206	4.55	cps
Carbon	12-1	7007348	7263838	7549497	7273561	3.73	cps
Carbon	12-2	88752	93575	94202	92176	3.24	cps
Chlorine	35-1	2131573	2174069	2148428	2151357	0.99	cps
Chlorine	35-2	15392	15200	15217	15270	0.70	cps
Chromium	52-2	1037	1097	1100	1078	3.31	cps
Cobalt	59-2	690	593	653	646	7.56	cps
Copper	63-2	4844	4587	4451	4627	4.32	cps
Dysprosium	156-1	0	17	17	11	86.60	cps
Dysprosium	156-2	7	3	10	7	50.03	cps
Erbium	164-1	67	92	58	72	24.02	cps
Erbium	164-2	43	20	40	34	36.64	cps
Gadolinium	160-1	33	42	58	44	28.65	cps
Gadolinium	160-2	43	70	83	66	31.07	cps
Holmium	165-1	7675454	7419078	7610772	7568435	1.76	cps
Holmium	165-2	3613010	3617000	3535743	3588584	1.28	cps
Indium	115-1	7217413	6929585	6734090	6960363	3.49	cps
Indium	115-2	1104316	1086298	1089705	1093440	0.88	cps
Iron	54-2	1300	1172	1100	1191	8.51	cps
Iron	56-2	17283	16988	17049	17107	0.91	cps
Iron	57-2	1661	1861	1683	1735	6.32	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-02	Instrumnet Name :	P8
Client Sample ID :	MH1D95	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:57:49	DataFile Name :	100AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1140	1107	987	1078	7.48	cps
Lead	206-1	1856	1861	1656	1791	6.54	cps
Lead	207-1	1506	1478	1439	1474	2.27	cps
Lead	208-1	7140	6873	6918	6977	2.05	cps
Lithium	6-1	3102315	2930799	2922358	2985157	3.40	cps
Magnesium	24-2	1246881	1239362	1228712	1238318	0.74	cps
Manganese	55-2	19427	19523	19460	19470	0.25	cps
Molybdenum	94-1	3484	3809	3942	3745	6.30	cps
Molybdenum	95-1	6277	5810	6076	6054	3.87	cps
Molybdenum	96-1	6518	6402	6685	6535	2.18	cps
Molybdenum	97-1	3967	3634	3834	3812	4.40	cps
Molybdenum	98-1	9212	9862	9854	9643	3.87	cps
Neodymium	150-1	20	13	7	13	49.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	693	720	730	714	2.65	cps
Phosphorus	31-2	108	175	133	139	24.25	cps
Potassium	39-2	156814	165073	161170	161019	2.57	cps
Rhodium	103-1	6699254	6575833	6524451	6599846	1.36	cps
Rhodium	103-2	3366980	3389891	3214513	3323794	2.87	cps
Scandium	45-1	5837640	5862032	6056174	5918615	2.02	cps
Scandium	45-2	207169	204185	203412	204922	0.97	cps
Selenium	82-1	108	147	259	171	45.68	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	72	67	48	62	20.31	cps
Silicon	28-1	28810428	29030839	28884285	28908517	0.39	cps
Silver	107-1	133	142	150	142	5.88	cps
Silver	109-1	125	142	133	133	6.25	cps
Sodium	23-2	7555518	7734352	7638041	7642637	1.17	cps
Strontium	86-1	275313	272133	276166	274537	0.77	cps
Strontium	88-1	2236759	2351228	2341925	2309971	2.75	cps
Sulfur	34-1	1044794	1055705	1054525	1051674	0.57	cps
Terbium	159-1	7938793	7810252	7845683	7864909	0.84	cps
Terbium	159-2	3728820	3630807	3540513	3633380	2.59	cps
Thallium	203-1	233	208	183	208	12.00	cps
Thallium	205-1	358	400	475	411	14.38	cps
Tin	118-1	1142	1450	1292	1295	11.91	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-02	Instrumnet Name :	P8
Client Sample ID :	MH1D95	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 17:57:49	DataFile Name :	100AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	583	683	675	647	8.57	cps
Uranium	238-1	18823	18656	19115	18864	1.23	cps
Vanadium	51-2	527	497	510	511	2.94	cps
Ytterbium	172-1	33	33	8	25	57.74	cps
Ytterbium	172-2	11	11	0	7	86.60	cps
Ytterbium	176-1	667	700	608	658	7.05	cps
Ytterbium	176-2	3628	3673	4095	3799	6.78	cps
Yttrium	89-1	13158205	13671648	13745577	13525143	2.37	cps
Yttrium	89-2	1556902	1577407	1510104	1548138	2.23	cps
Zinc	66-2	100558	99296	100854	100236	0.83	cps
Zirconium	90-1	717	917	692	775	15.91	cps
Zirconium	91-1	100	183	133	139	30.20	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-03	Instrumnet Name :	P8
Client Sample ID :	MH1D97	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 18:00:49	DataFile Name :	101AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	316	331	362	337	7.01	cps
Antimony	121-1	21776	21851	22102	21910	0.78	cps
Arsenic	75-2	370	367	327	355	6.77	cps
Barium	135-1	15026	15759	16169	15651	3.70	cps
Barium	137-1	26569	26936	27963	27156	2.66	cps
Beryllium	9-1	68	64	68	67	3.46	cps
Bismuth	209-1	4303567	4385166	4462914	4383882	1.82	cps
Bismuth	209-2	2432188	2525462	2519295	2492315	2.09	cps
Boron	10-1	3106	3224	3432	3254	5.07	cps
Boron	11-1	14953	14917	15711	15194	2.95	cps
Bromine	81-1	17940	18271	19664	18625	4.91	cps
Cadmium	111-1	3920	3918	3698	3845	3.32	cps
Cadmium	106-1	3309	3259	3184	3250	1.94	cps
Cadmium	108-1	138	204	146	163	22.35	cps
Calcium	43-1	1042057	1057334	1061823	1053738	0.98	cps
Calcium	44-1	17022004	17815666	17090033	17309234	2.54	cps
Carbon	12-1	6866169	7485488	7804792	7385483	6.46	cps
Carbon	12-2	91066	93304	92306	92225	1.22	cps
Chlorine	35-1	1750779	1820342	1797597	1789573	1.98	cps
Chlorine	35-2	12139	12431	12431	12333	1.37	cps
Chromium	52-2	1750	1757	1847	1785	3.03	cps
Cobalt	59-2	497	497	563	519	7.42	cps
Copper	63-2	4064	3984	4041	4029	1.02	cps
Dysprosium	156-1	17	17	25	19	24.73	cps
Dysprosium	156-2	3	13	0	6	124.93	cps
Erbium	164-1	92	42	67	67	37.50	cps
Erbium	164-2	33	27	20	27	24.99	cps
Gadolinium	160-1	33	42	58	44	28.64	cps
Gadolinium	160-2	30	60	73	54	40.76	cps
Holmium	165-1	7564233	7580801	7670679	7605238	0.75	cps
Holmium	165-2	3617461	3831363	3637706	3695510	3.20	cps
Indium	115-1	7076405	7189096	7078053	7114518	0.91	cps
Indium	115-2	1064717	1125670	1104519	1098302	2.82	cps
Iron	54-2	1495	1239	1356	1363	9.39	cps
Iron	56-2	18696	18323	18256	18425	1.29	cps
Iron	57-2	1583	1800	1800	1728	7.24	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-03	Instrumnet Name :	P8
Client Sample ID :	MH1D97	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 18:00:49	DataFile Name :	101AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1120	1193	1020	1111	7.83	cps
Lead	206-1	1628	1695	1767	1696	4.09	cps
Lead	207-1	1545	1606	1406	1519	6.75	cps
Lead	208-1	6767	6779	6717	6755	0.48	cps
Lithium	6-1	2909098	3003781	2876211	2929697	2.26	cps
Magnesium	24-2	1268069	1219924	1245998	1244664	1.94	cps
Manganese	55-2	13990	13954	13960	13968	0.14	cps
Molybdenum	94-1	4026	3751	3934	3903	3.59	cps
Molybdenum	95-1	5993	6118	6810	6307	6.98	cps
Molybdenum	96-1	7110	6785	6827	6907	2.56	cps
Molybdenum	97-1	4009	3901	3934	3948	1.41	cps
Molybdenum	98-1	10304	10596	10129	10343	2.28	cps
Neodymium	150-1	20	13	27	20	33.35	cps
Neodymium	150-2	17	7	0	8	107.84	cps
Nickel	60-2	830	887	690	802	12.62	cps
Phosphorus	31-2	83	150	92	108	33.53	cps
Potassium	39-2	159466	158777	157604	158616	0.59	cps
Rhodium	103-1	6756746	6898653	6860057	6838485	1.07	cps
Rhodium	103-2	3159536	3389453	3401723	3316904	4.11	cps
Scandium	45-1	5993958	6292491	6052862	6113104	2.59	cps
Scandium	45-2	202241	208924	206489	205885	1.64	cps
Selenium	82-1	157	8	173	113	80.67	cps
Selenium	77-2	17	7	7	10	57.72	cps
Selenium	78-2	65	54	58	59	9.44	cps
Silicon	28-1	29649063	29353937	29350633	29451211	0.58	cps
Silver	107-1	142	108	117	122	14.19	cps
Silver	109-1	58	67	125	83	43.59	cps
Sodium	23-2	6929243	6967116	6929017	6941792	0.32	cps
Strontium	86-1	279792	277162	282484	279813	0.95	cps
Strontium	88-1	2326707	2300543	2348713	2325321	1.04	cps
Sulfur	34-1	1072400	1090692	1058500	1073864	1.50	cps
Terbium	159-1	8105285	8279593	7836199	8073692	2.77	cps
Terbium	159-2	3540221	3756759	3743182	3680054	3.30	cps
Thallium	203-1	175	158	167	167	5.00	cps
Thallium	205-1	425	342	425	397	12.11	cps
Tin	118-1	1408	1517	1683	1536	9.02	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-03	Instrumnet Name :	P8
Client Sample ID :	MH1D97	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 18:00:49	DataFile Name :	101AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	467	675	592	578	18.15	cps
Uranium	238-1	19499	19891	20300	19897	2.01	cps
Vanadium	51-2	540	500	493	511	4.94	cps
Ytterbium	172-1	42	25	25	31	31.50	cps
Ytterbium	172-2	17	17	11	15	21.67	cps
Ytterbium	176-1	825	808	867	833	3.61	cps
Ytterbium	176-2	3584	3906	3951	3814	5.25	cps
Yttrium	89-1	14148085	13881939	13847598	13959207	1.18	cps
Yttrium	89-2	1479965	1540487	1550326	1523592	2.50	cps
Zinc	66-2	98153	98185	96581	97640	0.94	cps
Zirconium	90-1	742	783	867	797	7.98	cps
Zirconium	91-1	125	217	200	181	27.04	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-04	Instrumnet Name :	P8
Client Sample ID :	MH1D99	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 18:03:47	DataFile Name :	102AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	397	406	464	422	8.52	cps
Antimony	121-1	21225	21759	21985	21657	1.80	cps
Arsenic	75-2	361	408	386	385	6.11	cps
Barium	135-1	17946	17762	18705	18138	2.76	cps
Barium	137-1	30460	31413	32774	31549	3.69	cps
Beryllium	9-1	70	88	62	73	18.15	cps
Bismuth	209-1	4357236	4507183	4286113	4383511	2.57	cps
Bismuth	209-2	2561337	2510620	2565204	2545720	1.20	cps
Boron	10-1	3276	3370	3586	3410	4.66	cps
Boron	11-1	15920	16961	16995	16625	3.68	cps
Bromine	81-1	17680	21008	19574	19420	8.60	cps
Cadmium	111-1	3926	3814	3808	3850	1.73	cps
Cadmium	106-1	3359	3142	3234	3245	3.35	cps
Cadmium	108-1	125	188	163	158	19.87	cps
Calcium	43-1	1106044	1106208	1115643	1109299	0.50	cps
Calcium	44-1	17948806	17858961	18565556	18124441	2.12	cps
Carbon	12-1	6982619	7504173	7524501	7337098	4.19	cps
Carbon	12-2	89012	92458	91275	90915	1.93	cps
Chlorine	35-1	1653037	1679499	1733899	1688812	2.44	cps
Chlorine	35-2	12622	13081	12831	12845	1.79	cps
Chromium	52-2	8016	7816	7786	7872	1.59	cps
Cobalt	59-2	1290	1140	1220	1217	6.17	cps
Copper	63-2	5071	4914	4991	4992	1.57	cps
Dysprosium	156-1	25	42	17	28	45.82	cps
Dysprosium	156-2	20	10	3	11	75.52	cps
Erbium	164-1	83	33	58	58	42.86	cps
Erbium	164-2	30	33	20	28	24.98	cps
Gadolinium	160-1	75	33	67	58	37.80	cps
Gadolinium	160-2	50	73	43	56	28.35	cps
Holmium	165-1	7682617	7583623	7389468	7551903	1.97	cps
Holmium	165-2	3700233	3746559	3875270	3774021	2.40	cps
Indium	115-1	7159719	7284613	7133453	7192595	1.12	cps
Indium	115-2	1131948	1118491	1143077	1131172	1.09	cps
Iron	54-2	2417	2723	2450	2530	6.63	cps
Iron	56-2	37870	36035	36029	36645	2.90	cps
Iron	57-2	2506	2472	2422	2467	1.70	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-04	Instrumnet Name :	P8
Client Sample ID :	MH1D99	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 18:03:47	DataFile Name :	102AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1120	1240	1087	1149	7.02	cps
Lead	206-1	2761	2756	2967	2828	4.26	cps
Lead	207-1	2189	2528	2317	2345	7.30	cps
Lead	208-1	10569	11141	11197	10969	3.17	cps
Lithium	6-1	2979732	3005388	2946053	2977058	1.00	cps
Magnesium	24-2	1331207	1398733	1404753	1378231	2.96	cps
Manganese	55-2	7182	7705	7542	7476	3.58	cps
Molybdenum	94-1	3742	3859	3892	3831	2.06	cps
Molybdenum	95-1	6277	6243	6568	6363	2.81	cps
Molybdenum	96-1	6535	7002	6618	6718	3.71	cps
Molybdenum	97-1	4101	3792	3809	3901	4.45	cps
Molybdenum	98-1	9378	10321	9920	9873	4.79	cps
Neodymium	150-1	13	20	20	18	21.66	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	7329	7335	7159	7274	1.38	cps
Phosphorus	31-2	75	142	175	131	39.00	cps
Potassium	39-2	171202	171437	173335	171991	0.68	cps
Rhodium	103-1	6850883	6810028	6865055	6841988	0.42	cps
Rhodium	103-2	3400462	3404348	3313946	3372919	1.52	cps
Scandium	45-1	6257320	6004274	6175175	6145589	2.10	cps
Scandium	45-2	209758	210425	212593	210926	0.70	cps
Selenium	82-1	121	52	183	119	55.54	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	57	70	65	64	10.24	cps
Silicon	28-1	28941594	29538379	28642624	29040866	1.57	cps
Silver	107-1	150	92	175	139	30.79	cps
Silver	109-1	33	92	75	67	45.07	cps
Sodium	23-2	9619490	9558401	9881797	9686563	1.77	cps
Strontium	86-1	283768	284804	291970	286847	1.56	cps
Strontium	88-1	2288660	2490864	2431084	2403536	4.32	cps
Sulfur	34-1	1112208	1096398	1088793	1099133	1.09	cps
Terbium	159-1	8032066	8227552	8357762	8205793	2.00	cps
Terbium	159-2	3836669	3769934	3772690	3793098	1.00	cps
Thallium	203-1	200	217	175	197	10.63	cps
Thallium	205-1	417	517	492	475	10.96	cps
Tin	118-1	1275	1242	3322	1946	61.22	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-04	Instrumnet Name :	P8
Client Sample ID :	MH1D99	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 18:03:47	DataFile Name :	102AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	817	767	883	822	7.12	cps
Uranium	238-1	19557	19733	19524	19605	0.57	cps
Vanadium	51-2	573	493	553	540	7.71	cps
Ytterbium	172-1	25	17	75	39	81.12	cps
Ytterbium	172-2	28	22	11	20	41.67	cps
Ytterbium	176-1	708	800	858	789	9.59	cps
Ytterbium	176-2	3651	3862	4056	3856	5.26	cps
Yttrium	89-1	13620547	14480791	13733226	13944855	3.35	cps
Yttrium	89-2	1616303	1579640	1542754	1579566	2.33	cps
Zinc	66-2	95332	95798	96602	95911	0.67	cps
Zirconium	90-1	817	858	750	808	6.76	cps
Zirconium	91-1	175	275	250	233	22.30	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-05	Instrumnet Name :	P8
Client Sample ID :	MH1E01	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 18:06:48	DataFile Name :	103AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	289	262	275	275	4.77	cps
Antimony	121-1	22436	22669	22528	22544	0.52	cps
Arsenic	75-2	417	435	405	419	3.60	cps
Barium	135-1	17353	17495	17203	17350	0.84	cps
Barium	137-1	30719	30101	30518	30446	1.04	cps
Beryllium	9-1	62	56	54	57	7.26	cps
Bismuth	209-1	4464986	4356337	4154461	4325261	3.64	cps
Bismuth	209-2	2583966	2529654	2481821	2531814	2.02	cps
Boron	10-1	3324	3244	3336	3301	1.52	cps
Boron	11-1	15201	15707	16126	15678	2.95	cps
Bromine	81-1	18241	18411	18892	18515	1.83	cps
Cadmium	111-1	3675	3807	3577	3686	3.13	cps
Cadmium	106-1	3392	3434	3159	3328	4.45	cps
Cadmium	108-1	125	108	138	124	11.83	cps
Calcium	43-1	1087482	1090065	1091132	1089560	0.17	cps
Calcium	44-1	17375182	17333876	18473158	17727405	3.65	cps
Carbon	12-1	6755925	7469545	7755181	7326884	7.02	cps
Carbon	12-2	91712	93188	95670	93523	2.14	cps
Chlorine	35-1	1621338	1625857	1642994	1630063	0.70	cps
Chlorine	35-2	12214	11989	12289	12164	1.28	cps
Chromium	52-2	1190	1247	1273	1237	3.44	cps
Cobalt	59-2	283	330	247	287	14.57	cps
Copper	63-2	3184	3127	3030	3114	2.49	cps
Dysprosium	156-1	0	50	17	22	114.56	cps
Dysprosium	156-2	10	10	10	10	0.00	cps
Erbium	164-1	108	67	33	69	54.12	cps
Erbium	164-2	40	33	27	33	20.00	cps
Gadolinium	160-1	83	75	50	69	24.98	cps
Gadolinium	160-2	47	53	43	48	10.66	cps
Holmium	165-1	7725160	7672072	7216675	7537969	3.71	cps
Holmium	165-2	3719831	3959001	3793607	3824146	3.20	cps
Indium	115-1	7129955	7194316	6634188	6986153	4.39	cps
Indium	115-2	1094770	1113817	1117483	1108690	1.10	cps
Iron	54-2	917	939	1022	959	5.80	cps
Iron	56-2	12650	13001	13395	13015	2.86	cps
Iron	57-2	1667	1761	1995	1808	9.34	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-05	Instrumnet Name :	P8
Client Sample ID :	MH1E01	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 18:06:48	DataFile Name :	103AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1023	1167	1133	1108	6.77	cps
Lead	206-1	2950	3023	3023	2999	1.39	cps
Lead	207-1	2478	2661	2506	2548	3.88	cps
Lead	208-1	11825	12241	11669	11912	2.48	cps
Lithium	6-1	2908013	3023417	2794747	2908725	3.93	cps
Magnesium	24-2	1336735	1321571	1332888	1330398	0.59	cps
Manganese	55-2	8299	8256	7849	8135	3.05	cps
Molybdenum	94-1	3884	3592	3726	3734	3.91	cps
Molybdenum	95-1	6769	6635	6477	6627	2.20	cps
Molybdenum	96-1	6894	6718	6794	6802	1.29	cps
Molybdenum	97-1	3692	4017	3767	3826	4.45	cps
Molybdenum	98-1	10121	10046	9720	9962	2.14	cps
Neodymium	150-1	60	13	0	24	128.89	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	703	690	743	712	3.90	cps
Phosphorus	31-2	125	117	142	128	9.96	cps
Potassium	39-2	167780	169514	170690	169328	0.86	cps
Rhodium	103-1	6963025	6744748	6398634	6702135	4.25	cps
Rhodium	103-2	3339693	3492580	3397732	3410001	2.26	cps
Scandium	45-1	6109604	5942689	5832573	5961622	2.34	cps
Scandium	45-2	208837	210156	210523	209839	0.42	cps
Selenium	82-1	227	59	124	137	61.72	cps
Selenium	77-2	7	3	7	6	34.70	cps
Selenium	78-2	69	74	59	67	11.34	cps
Silicon	28-1	27290499	27787632	28162806	27746979	1.58	cps
Silver	107-1	142	125	92	119	21.31	cps
Silver	109-1	108	50	58	72	43.69	cps
Sodium	23-2	8847155	8978819	9174164	9000046	1.83	cps
Strontium	86-1	285897	279078	280997	281991	1.25	cps
Strontium	88-1	2405199	2445711	2343520	2398143	2.15	cps
Sulfur	34-1	1078850	1066518	1096818	1080729	1.41	cps
Terbium	159-1	8297906	8138540	7809091	8081846	3.08	cps
Terbium	159-2	3742652	3727944	3631464	3700687	1.63	cps
Thallium	203-1	158	183	158	167	8.66	cps
Thallium	205-1	383	475	375	411	13.50	cps
Tin	118-1	1292	1142	1275	1236	6.65	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-05	Instrumnet Name :	P8
Client Sample ID :	MH1E01	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 18:06:48	DataFile Name :	103AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	600	567	633	600	5.56	cps
Uranium	238-1	19132	19582	19591	19435	1.35	cps
Vanadium	51-2	633	740	690	688	7.76	cps
Ytterbium	172-1	67	17	42	42	60.00	cps
Ytterbium	172-2	11	6	0	6	99.97	cps
Ytterbium	176-1	775	617	658	683	12.01	cps
Ytterbium	176-2	4045	3890	3884	3940	2.32	cps
Yttrium	89-1	14169894	14482617	13470221	14040911	3.69	cps
Yttrium	89-2	1577369	1623561	1559464	1586798	2.08	cps
Zinc	66-2	85756	87446	86138	86446	1.03	cps
Zirconium	90-1	667	675	767	703	7.90	cps
Zirconium	91-1	183	158	175	172	7.39	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-06	Instrumnet Name :	P8
Client Sample ID :	MH1E03	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 18:09:46	DataFile Name :	104AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	294	305	302	300	1.97	cps
Antimony	121-1	22027	22736	21209	21990	3.48	cps
Arsenic	75-2	384	385	378	382	0.99	cps
Barium	135-1	18980	18738	18012	18577	2.71	cps
Barium	137-1	31621	33175	31663	32153	2.75	cps
Beryllium	9-1	98	70	68	79	21.32	cps
Bismuth	209-1	4292817	4269422	4312753	4291664	0.51	cps
Bismuth	209-2	2520988	2505444	2474750	2500394	0.94	cps
Boron	10-1	3438	3720	3758	3638	4.80	cps
Boron	11-1	16734	17745	17849	17443	3.53	cps
Bromine	81-1	18391	20466	19183	19347	5.41	cps
Cadmium	111-1	3893	4009	3764	3889	3.15	cps
Cadmium	106-1	3300	3701	3217	3406	7.59	cps
Cadmium	108-1	121	146	179	149	19.69	cps
Calcium	43-1	1140020	1160099	1153606	1151242	0.89	cps
Calcium	44-1	18065334	18784071	19165313	18671573	2.99	cps
Carbon	12-1	6838089	7181380	7549847	7189772	4.95	cps
Carbon	12-2	88953	92877	91519	91117	2.19	cps
Chlorine	35-1	1655735	1689774	1699279	1681596	1.36	cps
Chlorine	35-2	13632	13148	12506	13095	4.31	cps
Chromium	52-2	1267	1397	1343	1336	4.89	cps
Cobalt	59-2	280	303	297	293	4.10	cps
Copper	63-2	3194	3350	3167	3237	3.06	cps
Dysprosium	156-1	8	25	25	19	49.50	cps
Dysprosium	156-2	20	7	10	12	56.76	cps
Erbium	164-1	25	92	25	47	81.51	cps
Erbium	164-2	33	53	23	37	41.66	cps
Gadolinium	160-1	17	58	67	47	56.72	cps
Gadolinium	160-2	70	47	67	61	20.65	cps
Holmium	165-1	8044898	7486075	7443786	7658253	4.38	cps
Holmium	165-2	3833487	3753653	3706439	3764526	1.71	cps
Indium	115-1	7228849	7307088	7073518	7203152	1.65	cps
Indium	115-2	1114451	1130219	1115413	1120028	0.79	cps
Iron	54-2	1145	1045	1017	1069	6.29	cps
Iron	56-2	14669	14652	14530	14617	0.52	cps
Iron	57-2	1589	1728	1872	1730	8.19	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-06	Instrumnet Name :	P8
Client Sample ID :	MH1E03	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 18:09:46	DataFile Name :	104AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1133	1057	1107	1099	3.54	cps
Lead	206-1	2506	2600	2311	2473	5.96	cps
Lead	207-1	2095	2034	2200	2109	4.00	cps
Lead	208-1	9813	9868	9485	9722	2.13	cps
Lithium	6-1	2916964	2973524	2825745	2905411	2.57	cps
Magnesium	24-2	1380409	1368244	1392733	1380462	0.89	cps
Manganese	55-2	16463	16179	16827	16490	1.97	cps
Molybdenum	94-1	3842	3867	3601	3770	3.91	cps
Molybdenum	95-1	5735	5901	6218	5951	4.13	cps
Molybdenum	96-1	6127	6485	6668	6427	4.29	cps
Molybdenum	97-1	3701	3551	3501	3584	2.91	cps
Molybdenum	98-1	9779	9837	8661	9426	7.03	cps
Neodymium	150-1	7	47	0	18	141.96	cps
Neodymium	150-2	3	7	13	8	65.47	cps
Nickel	60-2	817	797	793	802	1.57	cps
Phosphorus	31-2	175	150	133	153	13.73	cps
Potassium	39-2	187216	185065	180565	184282	1.84	cps
Rhodium	103-1	6980569	7149929	6933329	7021276	1.62	cps
Rhodium	103-2	3361151	3413765	3268036	3347651	2.20	cps
Scandium	45-1	6216998	6366678	6242008	6275228	1.28	cps
Scandium	45-2	213519	210913	208178	210870	1.27	cps
Selenium	82-1	126	232	113	157	41.32	cps
Selenium	77-2	10	3	0	4	114.60	cps
Selenium	78-2	64	71	59	65	9.32	cps
Silicon	28-1	29062755	27808512	27591926	28154398	2.82	cps
Silver	107-1	100	117	117	111	8.66	cps
Silver	109-1	108	100	142	117	18.90	cps
Sodium	23-2	11146295	11610949	11169451	11308898	2.32	cps
Strontium	86-1	294760	302421	294485	297222	1.52	cps
Strontium	88-1	2549070	2561034	2444314	2518139	2.55	cps
Sulfur	34-1	1156042	1157645	1126452	1146713	1.53	cps
Terbium	159-1	8449349	8456964	8231832	8379382	1.53	cps
Terbium	159-2	3758967	3701009	3555714	3671897	2.85	cps
Thallium	203-1	167	192	167	175	8.25	cps
Thallium	205-1	367	442	450	419	10.94	cps
Tin	118-1	1283	983	1017	1095	15.02	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-06	Instrumnet Name :	P8
Client Sample ID :	MH1E03	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 18:09:46	DataFile Name :	104AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	467	592	642	567	15.91	cps
Uranium	238-1	18973	18055	19273	18767	3.38	cps
Vanadium	51-2	663	647	617	642	3.68	cps
Ytterbium	172-1	42	33	17	31	41.66	cps
Ytterbium	172-2	6	17	6	9	69.24	cps
Ytterbium	176-1	750	817	683	750	8.89	cps
Ytterbium	176-2	3606	4028	4017	3884	6.20	cps
Yttrium	89-1	14853859	14227606	14035736	14372400	2.98	cps
Yttrium	89-2	1591587	1587540	1526804	1568644	2.31	cps
Zinc	66-2	93192	93165	92779	93046	0.25	cps
Zirconium	90-1	867	908	642	806	17.81	cps
Zirconium	91-1	125	300	158	194	47.79	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-07	Instrumnet Name :	P8
Client Sample ID :	MH1E05	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 18:12:46	DataFile Name :	105AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	307	300	269	292	7.04	cps
Antimony	121-1	22586	23178	22386	22717	1.81	cps
Arsenic	75-2	408	400	387	398	2.66	cps
Barium	135-1	18096	18288	17996	18127	0.82	cps
Barium	137-1	31187	31279	32064	31510	1.53	cps
Beryllium	9-1	40	42	68	50	31.25	cps
Bismuth	209-1	4602990	4483221	4227187	4437799	4.33	cps
Bismuth	209-2	2466082	2397930	2448739	2437583	1.45	cps
Boron	10-1	3268	3360	3094	3240	4.17	cps
Boron	11-1	15465	15849	15927	15747	1.57	cps
Bromine	81-1	19484	18912	19012	19136	1.60	cps
Cadmium	111-1	3132	3147	2654	2978	9.43	cps
Cadmium	106-1	3300	3309	2650	3087	12.24	cps
Cadmium	108-1	88	88	92	89	2.71	cps
Calcium	43-1	1098719	1090234	1096135	1095030	0.40	cps
Calcium	44-1	18526267	18054193	17535031	18038497	2.75	cps
Carbon	12-1	6909858	7091423	7676457	7225913	5.54	cps
Carbon	12-2	88919	94304	92919	92047	3.04	cps
Chlorine	35-1	1578709	1620354	1660721	1619928	2.53	cps
Chlorine	35-2	11730	12164	12406	12100	2.83	cps
Chromium	52-2	1590	1620	1590	1600	1.08	cps
Cobalt	59-2	273	380	233	296	25.65	cps
Copper	63-2	2794	2637	2467	2632	6.21	cps
Dysprosium	156-1	0	42	8	17	132.30	cps
Dysprosium	156-2	10	17	3	10	66.70	cps
Erbium	164-1	75	58	83	72	17.63	cps
Erbium	164-2	37	43	27	36	23.58	cps
Gadolinium	160-1	92	50	33	58	51.51	cps
Gadolinium	160-2	87	53	47	62	34.44	cps
Holmium	165-1	7979782	7904283	7549256	7811107	2.94	cps
Holmium	165-2	3704112	3644042	3746486	3698213	1.39	cps
Indium	115-1	7479777	7330832	7093611	7301407	2.67	cps
Indium	115-2	1106202	1098439	1110964	1105202	0.57	cps
Iron	54-2	1128	1106	1139	1124	1.51	cps
Iron	56-2	13267	13546	14124	13646	3.20	cps
Iron	57-2	1761	1850	1917	1843	4.24	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-07	Instrumnet Name :	P8
Client Sample ID :	MH1E05	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 18:12:46	DataFile Name :	105AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1230	1027	1127	1128	9.02	cps
Lead	206-1	2634	2600	2411	2548	4.70	cps
Lead	207-1	2100	2189	2139	2143	2.08	cps
Lead	208-1	10068	10052	9724	9948	1.95	cps
Lithium	6-1	2957895	3004762	2961202	2974620	0.88	cps
Magnesium	24-2	1305858	1288300	1336497	1310219	1.86	cps
Manganese	55-2	13376	13510	13580	13489	0.77	cps
Molybdenum	94-1	3851	4151	3634	3878	6.69	cps
Molybdenum	95-1	6010	5810	5576	5799	3.74	cps
Molybdenum	96-1	6685	6752	6418	6618	2.67	cps
Molybdenum	97-1	3876	3834	3917	3876	1.08	cps
Molybdenum	98-1	9554	9412	10104	9690	3.77	cps
Neodymium	150-1	20	13	33	22	45.83	cps
Neodymium	150-2	7	3	10	7	50.03	cps
Nickel	60-2	623	693	680	666	5.59	cps
Phosphorus	31-2	117	100	83	100	16.66	cps
Potassium	39-2	173475	167896	170308	170560	1.64	cps
Rhodium	103-1	7162697	7044410	6920527	7042545	1.72	cps
Rhodium	103-2	3323503	3358806	3295831	3326046	0.95	cps
Scandium	45-1	6505790	6378903	5870677	6251790	5.38	cps
Scandium	45-2	205860	210848	210676	209128	1.35	cps
Selenium	82-1	-46	256	77	96	158.56	cps
Selenium	77-2	7	13	10	10	33.30	cps
Selenium	78-2	65	63	56	61	7.70	cps
Silicon	28-1	27574660	27434007	28753268	27920645	2.59	cps
Silver	107-1	58	108	108	92	31.49	cps
Silver	109-1	108	42	83	78	43.30	cps
Sodium	23-2	9000169	9229857	9684264	9304763	3.74	cps
Strontium	86-1	276648	278058	291778	282161	2.96	cps
Strontium	88-1	2398543	2441487	2443591	2427874	1.05	cps
Sulfur	34-1	1083849	1094842	1102703	1093798	0.87	cps
Terbium	159-1	8497327	8253065	7981984	8244125	3.13	cps
Terbium	159-2	3611281	3631647	3625132	3622686	0.29	cps
Thallium	203-1	133	117	167	139	18.33	cps
Thallium	205-1	350	408	367	375	8.01	cps
Tin	118-1	1042	1050	1392	1161	17.20	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-07	Instrumnet Name :	P8
Client Sample ID :	MH1E05	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 18:12:46	DataFile Name :	105AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	558	558	558	558	0.00	cps
Uranium	238-1	19173	19123	19674	19324	1.58	cps
Vanadium	51-2	687	590	757	678	12.35	cps
Ytterbium	172-1	58	17	50	42	52.91	cps
Ytterbium	172-2	17	28	17	20	31.48	cps
Ytterbium	176-1	742	658	692	697	6.02	cps
Ytterbium	176-2	3512	3867	3917	3765	5.87	cps
Yttrium	89-1	14449493	14972557	13785642	14402564	4.13	cps
Yttrium	89-2	1528285	1547565	1490865	1522238	1.89	cps
Zinc	66-2	68321	68800	69762	68961	1.06	cps
Zirconium	90-1	842	867	1042	917	11.89	cps
Zirconium	91-1	125	150	242	172	35.67	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-08	Instrumnet Name :	P8
Client Sample ID :	MH1E07	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 18:15:44	DataFile Name :	106AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	305	325	324	318	3.52	cps
Antimony	121-1	19882	19590	20274	19915	1.72	cps
Arsenic	75-2	296	351	334	327	8.61	cps
Barium	135-1	20157	20166	19631	19985	1.53	cps
Barium	137-1	33058	34311	32573	33314	2.69	cps
Beryllium	9-1	56	70	58	61	12.35	cps
Bismuth	209-1	4322916	4313007	4227187	4287703	1.23	cps
Bismuth	209-2	2507569	2472991	2602232	2527597	2.65	cps
Boron	10-1	3960	4226	4322	4169	4.50	cps
Boron	11-1	19021	19898	20004	19641	2.75	cps
Bromine	81-1	18381	20135	18501	19006	5.16	cps
Cadmium	111-1	3905	4119	3860	3961	3.49	cps
Cadmium	106-1	3317	3292	3267	3292	0.76	cps
Cadmium	108-1	138	158	117	138	15.15	cps
Calcium	43-1	1311530	1295196	1286691	1297805	0.97	cps
Calcium	44-1	20496344	20968855	20486880	20650693	1.33	cps
Carbon	12-1	6856563	7261397	7441694	7186551	4.17	cps
Carbon	12-2	91049	89943	91000	90664	0.69	cps
Chlorine	35-1	1759405	1770981	1876573	1802320	3.58	cps
Chlorine	35-2	14649	14691	15967	15103	4.96	cps
Chromium	52-2	1263	1253	1330	1282	3.25	cps
Cobalt	59-2	483	480	427	463	6.86	cps
Copper	63-2	2264	2180	2137	2194	2.94	cps
Dysprosium	156-1	25	17	8	17	50.01	cps
Dysprosium	156-2	0	0	10	3	173.21	cps
Erbium	164-1	58	100	58	72	33.31	cps
Erbium	164-2	20	27	27	24	15.75	cps
Gadolinium	160-1	50	17	83	50	66.67	cps
Gadolinium	160-2	47	33	60	47	28.58	cps
Holmium	165-1	7480594	7709604	7605454	7598551	1.51	cps
Holmium	165-2	3734479	3704241	3615873	3684864	1.67	cps
Indium	115-1	6804972	7246072	6870370	6973805	3.41	cps
Indium	115-2	1128589	1108830	1090716	1109378	1.71	cps
Iron	54-2	1433	1328	1339	1367	4.24	cps
Iron	56-2	19241	19102	19002	19115	0.63	cps
Iron	57-2	1972	2411	2178	2187	10.04	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-08	Instrumnet Name :	P8
Client Sample ID :	MH1E07	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 18:15:44	DataFile Name :	106AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1133	1177	1170	1160	2.01	cps
Lead	206-1	2106	2067	1984	2052	3.04	cps
Lead	207-1	1795	1667	1745	1735	3.71	cps
Lead	208-1	8157	8229	8168	8185	0.48	cps
Lithium	6-1	2844963	2900386	2855324	2866891	1.03	cps
Magnesium	24-2	1490169	1459176	1497167	1482171	1.36	cps
Manganese	55-2	24418	24849	24288	24518	1.20	cps
Molybdenum	94-1	3350	3100	3467	3306	5.67	cps
Molybdenum	95-1	5701	5418	5393	5504	3.11	cps
Molybdenum	96-1	5643	5851	5885	5793	2.26	cps
Molybdenum	97-1	3617	3634	2975	3409	11.01	cps
Molybdenum	98-1	8770	8328	8403	8500	2.78	cps
Neodymium	150-1	13	7	20	13	49.99	cps
Neodymium	150-2	3	10	0	4	114.60	cps
Nickel	60-2	1177	947	1110	1078	10.98	cps
Phosphorus	31-2	133	125	183	147	21.43	cps
Potassium	39-2	209989	213264	212456	211903	0.81	cps
Rhodium	103-1	6512796	6686931	6851807	6683845	2.54	cps
Rhodium	103-2	3407954	3336612	3421273	3388613	1.34	cps
Scandium	45-1	5897329	6189069	6062027	6049475	2.42	cps
Scandium	45-2	214744	208036	212977	211919	1.64	cps
Selenium	82-1	129	106	117	117	9.99	cps
Selenium	77-2	7	10	10	9	21.63	cps
Selenium	78-2	70	51	58	60	16.10	cps
Silicon	28-1	28791175	27086545	27101334	27659684	3.54	cps
Silver	107-1	117	150	167	144	17.62	cps
Silver	109-1	83	108	50	81	36.33	cps
Sodium	23-2	16035935	15686838	15240561	15654445	2.55	cps
Strontium	86-1	301862	311029	317156	310016	2.48	cps
Strontium	88-1	2667630	2603765	2619098	2630164	1.27	cps
Sulfur	34-1	1296239	1248632	1248205	1264359	2.18	cps
Terbium	159-1	7978576	8032628	8069183	8026796	0.57	cps
Terbium	159-2	3732287	3669348	3698765	3700133	0.85	cps
Thallium	203-1	200	275	258	244	16.11	cps
Thallium	205-1	542	542	583	556	4.33	cps
Tin	118-1	1175	1333	1258	1256	6.31	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-08	Instrumnet Name :	P8
Client Sample ID :	MH1E07	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 18:15:44	DataFile Name :	106AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	650	600	633	628	4.06	cps
Uranium	238-1	16478	16461	16553	16497	0.30	cps
Vanadium	51-2	507	547	583	546	7.03	cps
Ytterbium	172-1	33	50	58	47	26.96	cps
Ytterbium	172-2	11	17	11	13	24.76	cps
Ytterbium	176-1	758	725	633	706	9.17	cps
Ytterbium	176-2	3701	3951	3890	3847	3.39	cps
Yttrium	89-1	13909258	14008878	13497803	13805313	1.96	cps
Yttrium	89-2	1566340	1527766	1574422	1556176	1.60	cps
Zinc	66-2	139805	136719	138170	138231	1.12	cps
Zirconium	90-1	917	850	842	869	4.73	cps
Zirconium	91-1	183	200	133	172	20.15	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-09	Instrumnet Name :	P8
Client Sample ID :	MH1E09	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 18:18:42	DataFile Name :	107AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	271	261	292	275	5.80	cps
Antimony	121-1	21384	22578	22018	21993	2.72	cps
Arsenic	75-2	299	265	316	293	8.85	cps
Barium	135-1	33409	33334	35104	33949	2.95	cps
Barium	137-1	60001	58134	61742	59959	3.01	cps
Beryllium	9-1	48	50	74	57	25.24	cps
Bismuth	209-1	4322701	4485156	4453650	4420502	1.95	cps
Bismuth	209-2	2537841	2568473	2568835	2558383	0.70	cps
Boron	10-1	4658	5072	5414	5048	7.50	cps
Boron	11-1	24025	24209	25209	24481	2.60	cps
Bromine	81-1	20977	22120	24015	22371	6.86	cps
Cadmium	111-1	2791	2662	2531	2662	4.89	cps
Cadmium	106-1	3392	3225	3000	3206	6.13	cps
Cadmium	108-1	83	71	75	76	8.34	cps
Calcium	43-1	1534994	1633088	1584915	1584332	3.10	cps
Calcium	44-1	25122798	25864593	25392011	25459801	1.47	cps
Carbon	12-1	6796466	7545943	7918940	7420450	7.70	cps
Carbon	12-2	91905	92575	95461	93313	2.02	cps
Chlorine	35-1	2258278	2425542	2590009	2424610	6.84	cps
Chlorine	35-2	20406	20256	21884	20849	4.31	cps
Chromium	52-2	4868	5178	5131	5059	3.31	cps
Cobalt	59-2	850	913	923	896	4.44	cps
Copper	63-2	1610	1693	1493	1599	6.28	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	10	3	10	8	49.52	cps
Erbium	164-1	58	92	100	83	26.46	cps
Erbium	164-2	20	23	20	21	9.11	cps
Gadolinium	160-1	50	58	58	56	8.67	cps
Gadolinium	160-2	43	57	63	54	18.71	cps
Holmium	165-1	7855844	7665524	8133293	7884887	2.98	cps
Holmium	165-2	3820778	3879943	3830827	3843849	0.82	cps
Indium	115-1	7178158	7388512	7521895	7362855	2.35	cps
Indium	115-2	1137308	1139070	1137495	1137958	0.09	cps
Iron	54-2	4417	4601	4423	4480	2.33	cps
Iron	56-2	76366	75131	77477	76325	1.54	cps
Iron	57-2	3867	3773	3589	3743	3.77	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-09	Instrumnet Name :	P8
Client Sample ID :	MH1E09	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 18:18:42	DataFile Name :	107AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1083	1170	1210	1155	5.61	cps
Lead	206-1	1911	1700	1606	1739	9.00	cps
Lead	207-1	1311	1372	1478	1387	6.08	cps
Lead	208-1	6434	6506	6718	6553	2.25	cps
Lithium	6-1	3041425	3022363	2994036	3019275	0.79	cps
Magnesium	24-2	1918910	1890029	1813376	1874105	2.91	cps
Manganese	55-2	123590	122590	120183	122121	1.43	cps
Molybdenum	94-1	3217	3284	3217	3239	1.19	cps
Molybdenum	95-1	5760	4793	5385	5312	9.18	cps
Molybdenum	96-1	5209	6035	5985	5743	8.06	cps
Molybdenum	97-1	2984	3217	3125	3109	3.78	cps
Molybdenum	98-1	8553	8136	8586	8425	2.98	cps
Neodymium	150-1	7	47	20	24	83.31	cps
Neodymium	150-2	7	7	0	4	86.60	cps
Nickel	60-2	1980	2054	1963	1999	2.40	cps
Phosphorus	31-2	133	108	125	122	10.41	cps
Potassium	39-2	253814	253096	248255	251722	1.20	cps
Rhodium	103-1	6888092	6785894	7025395	6899794	1.74	cps
Rhodium	103-2	3513828	3384220	3420311	3439453	1.94	cps
Scandium	45-1	6171708	6072412	6396193	6213438	2.67	cps
Scandium	45-2	217427	218025	214773	216741	0.80	cps
Selenium	82-1	190	60	70	106	68.31	cps
Selenium	77-2	3	0	10	4	114.60	cps
Selenium	78-2	66	77	60	68	12.74	cps
Silicon	28-1	29565420	30079020	31103295	30249245	2.59	cps
Silver	107-1	75	142	117	111	30.31	cps
Silver	109-1	125	67	58	83	43.59	cps
Sodium	23-2	23380559	22574130	23195127	23049939	1.83	cps
Strontium	86-1	384403	390782	398786	391323	1.84	cps
Strontium	88-1	3429991	3259694	3385601	3358428	2.63	cps
Sulfur	34-1	1456509	1479600	1503710	1479940	1.59	cps
Terbium	159-1	8033553	8227969	8356148	8205890	1.98	cps
Terbium	159-2	3846980	3761248	3776394	3794874	1.21	cps
Thallium	203-1	150	150	158	153	3.15	cps
Thallium	205-1	225	267	308	267	15.63	cps
Tin	118-1	1067	1342	1192	1200	11.47	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-09	Instrumnet Name :	P8
Client Sample ID :	MH1E09	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 18:18:42	DataFile Name :	107AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	425	658	750	611	27.42	cps
Uranium	238-1	14909	17162	15910	15994	7.06	cps
Vanadium	51-2	580	527	487	531	8.82	cps
Ytterbium	172-1	33	8	0	14	124.91	cps
Ytterbium	172-2	17	39	22	26	44.60	cps
Ytterbium	176-1	750	800	767	772	3.30	cps
Ytterbium	176-2	3767	4017	4406	4064	7.93	cps
Yttrium	89-1	14921637	13837565	14677761	14478988	3.93	cps
Yttrium	89-2	1618888	1586894	1603682	1603154	1.00	cps
Zinc	66-2	155687	153952	154539	154726	0.57	cps
Zirconium	90-1	733	842	867	814	8.71	cps
Zirconium	91-1	100	150	150	133	21.65	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-10	Instrumnet Name :	P8
Client Sample ID :	MH1E11	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 18:21:37	DataFile Name :	108AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	259	267	269	265	2.06	cps
Antimony	121-1	17720	17528	16761	17336	2.93	cps
Arsenic	75-2	432	416	428	425	1.96	cps
Barium	135-1	45520	47033	44649	45734	2.64	cps
Barium	137-1	78001	78377	75580	77320	1.96	cps
Beryllium	9-1	80	60	64	68	15.56	cps
Bismuth	209-1	4255956	4328916	3975178	4186684	4.46	cps
Bismuth	209-2	2455810	2500646	2425388	2460615	1.54	cps
Boron	10-1	5268	5186	5302	5252	1.14	cps
Boron	11-1	24794	26332	26040	25722	3.18	cps
Bromine	81-1	24056	24848	25218	24707	2.40	cps
Cadmium	111-1	2451	2379	2225	2352	4.90	cps
Cadmium	106-1	3242	3100	2950	3098	4.71	cps
Cadmium	108-1	50	42	75	56	31.22	cps
Calcium	43-1	1902935	1928131	1846817	1892627	2.20	cps
Calcium	44-1	29699247	32092885	29550452	30447528	4.69	cps
Carbon	12-1	6738851	7304542	7767228	7270207	7.08	cps
Carbon	12-2	88861	92417	93590	91623	2.69	cps
Chlorine	35-1	2817803	3003641	3065826	2962423	4.36	cps
Chlorine	35-2	23970	24672	25715	24786	3.54	cps
Chromium	52-2	1160	1193	1280	1211	5.11	cps
Cobalt	59-2	577	530	563	557	4.32	cps
Copper	63-2	2214	2317	2264	2265	2.28	cps
Dysprosium	156-1	17	17	0	11	86.60	cps
Dysprosium	156-2	0	17	3	7	132.33	cps
Erbium	164-1	75	108	108	97	19.80	cps
Erbium	164-2	27	17	23	22	22.91	cps
Gadolinium	160-1	50	25	25	33	43.30	cps
Gadolinium	160-2	57	33	63	51	30.82	cps
Holmium	165-1	7524095	7756361	6937798	7406085	5.70	cps
Holmium	165-2	3773731	3696982	3662551	3711088	1.53	cps
Indium	115-1	7133311	7108170	6430671	6890718	5.78	cps
Indium	115-2	1097287	1103354	1091442	1097361	0.54	cps
Iron	54-2	1283	1622	1495	1467	11.67	cps
Iron	56-2	19536	19675	19970	19727	1.12	cps
Iron	57-2	2700	3073	2923	2899	6.46	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-10	Instrumnet Name :	P8
Client Sample ID :	MH1E11	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 18:21:37	DataFile Name :	108AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1113	1263	1273	1217	7.37	cps
Lead	206-1	1417	1556	1633	1535	7.15	cps
Lead	207-1	1250	1422	1217	1296	8.51	cps
Lead	208-1	5756	6201	6045	6001	3.76	cps
Lithium	6-1	3074395	2976571	2634427	2895131	7.98	cps
Magnesium	24-2	2881358	2759259	2859632	2833416	2.30	cps
Manganese	55-2	121731	121998	122538	122089	0.34	cps
Molybdenum	94-1	2600	2684	2367	2550	6.44	cps
Molybdenum	95-1	4267	4151	3726	4048	7.05	cps
Molybdenum	96-1	4251	4151	4818	4406	8.16	cps
Molybdenum	97-1	2200	2392	2467	2353	5.85	cps
Molybdenum	98-1	5926	6218	6043	6063	2.42	cps
Neodymium	150-1	20	13	7	13	49.99	cps
Neodymium	150-2	0	7	7	4	86.60	cps
Nickel	60-2	1077	1203	1187	1156	5.96	cps
Phosphorus	31-2	125	100	125	117	12.37	cps
Potassium	39-2	255526	250256	250533	252105	1.18	cps
Rhodium	103-1	6690543	6774598	6201204	6555448	4.72	cps
Rhodium	103-2	3210137	3280971	3310340	3267149	1.58	cps
Scandium	45-1	5959124	6352503	5500933	5937520	7.18	cps
Scandium	45-2	210348	209236	208816	209467	0.38	cps
Selenium	82-1	152	59	70	94	54.01	cps
Selenium	77-2	7	13	0	7	99.98	cps
Selenium	78-2	70	59	69	66	9.21	cps
Silicon	28-1	27144852	27174901	28091166	27470306	1.96	cps
Silver	107-1	100	125	108	111	11.46	cps
Silver	109-1	83	83	67	78	12.37	cps
Sodium	23-2	25421683	24619379	25022113	25021058	1.60	cps
Strontium	86-1	662932	685864	649206	666001	2.78	cps
Strontium	88-1	5609804	5926666	5536702	5691057	3.64	cps
Sulfur	34-1	1631726	1646343	1642065	1640045	0.46	cps
Terbium	159-1	7916381	8146718	7147728	7736942	6.76	cps
Terbium	159-2	3628417	3650880	3595387	3624895	0.77	cps
Thallium	203-1	183	158	100	147	29.05	cps
Thallium	205-1	483	458	442	461	4.55	cps
Tin	118-1	1133	1358	1250	1247	9.02	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-10	Instrumnet Name :	P8
Client Sample ID :	MH1E11	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 18:21:37	DataFile Name :	108AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	508	608	525	547	9.79	cps
Uranium	238-1	16319	15327	15744	15797	3.16	cps
Vanadium	51-2	407	410	507	441	12.88	cps
Ytterbium	172-1	33	33	50	39	24.75	cps
Ytterbium	172-2	22	6	22	17	57.71	cps
Ytterbium	176-1	733	575	608	639	13.06	cps
Ytterbium	176-2	3528	3623	3862	3671	4.68	cps
Yttrium	89-1	13757403	14378886	12705780	13614023	6.21	cps
Yttrium	89-2	1527372	1532227	1551459	1537019	0.83	cps
Zinc	66-2	108733	107760	105272	107255	1.66	cps
Zirconium	90-1	908	817	900	875	5.79	cps
Zirconium	91-1	208	200	250	219	12.21	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-11	Instrumnet Name :	P8
Client Sample ID :	MH1E13	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 18:24:35	DataFile Name :	109AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	240	227	236	235	2.73	cps
Antimony	121-1	18580	18713	18571	18621	0.43	cps
Arsenic	75-2	477	403	491	457	10.35	cps
Barium	135-1	42994	44591	45252	44279	2.62	cps
Barium	137-1	75060	78210	76033	76434	2.11	cps
Beryllium	9-1	78	100	60	79	25.25	cps
Bismuth	209-1	4463188	4511346	4101573	4358702	5.14	cps
Bismuth	209-2	2512394	2575076	2500179	2529216	1.59	cps
Boron	10-1	4936	5200	5440	5192	4.86	cps
Boron	11-1	24199	25775	26244	25406	4.22	cps
Bromine	81-1	21689	23334	25078	23367	7.25	cps
Cadmium	111-1	2351	2609	2408	2456	5.52	cps
Cadmium	106-1	3009	3301	3025	3112	5.27	cps
Cadmium	108-1	25	38	50	38	33.33	cps
Calcium	43-1	1732602	1917775	1782765	1811047	5.29	cps
Calcium	44-1	28048601	29936136	28987137	28990625	3.26	cps
Carbon	12-1	6950619	7345872	7830651	7375714	5.98	cps
Carbon	12-2	91510	92509	95041	93020	1.96	cps
Chlorine	35-1	2946727	3178652	3347108	3157496	6.37	cps
Chlorine	35-2	26433	27510	28111	27351	3.11	cps
Chromium	52-2	1440	1410	1410	1420	1.22	cps
Cobalt	59-2	480	507	513	500	3.53	cps
Copper	63-2	2010	1923	1877	1937	3.49	cps
Dysprosium	156-1	0	33	17	17	100.00	cps
Dysprosium	156-2	0	10	7	6	91.64	cps
Erbium	164-1	100	17	67	61	68.63	cps
Erbium	164-2	23	40	27	30	29.40	cps
Gadolinium	160-1	8	42	33	28	62.46	cps
Gadolinium	160-2	53	43	63	53	18.75	cps
Holmium	165-1	7657729	7481336	7402817	7513960	1.74	cps
Holmium	165-2	3718963	3698404	3658025	3691797	0.84	cps
Indium	115-1	7278237	7220118	7244666	7247674	0.40	cps
Indium	115-2	1100371	1100835	1116124	1105776	0.81	cps
Iron	54-2	900	906	944	917	2.64	cps
Iron	56-2	11121	10782	10704	10869	2.04	cps
Iron	57-2	2567	2778	2956	2767	7.04	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-11	Instrumnet Name :	P8
Client Sample ID :	MH1E13	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 18:24:35	DataFile Name :	109AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1170	1170	987	1109	9.55	cps
Lead	206-1	6385	6229	6496	6370	2.10	cps
Lead	207-1	5718	5668	5785	5724	1.02	cps
Lead	208-1	25599	26484	26306	26129	1.79	cps
Lithium	6-1	2928128	2865402	2896348	2896626	1.08	cps
Magnesium	24-2	2886642	2882889	2868757	2879429	0.33	cps
Manganese	55-2	114835	116257	115756	115616	0.62	cps
Molybdenum	94-1	2309	2484	2209	2334	5.97	cps
Molybdenum	95-1	3726	3926	3334	3662	8.22	cps
Molybdenum	96-1	3726	4109	3992	3942	4.99	cps
Molybdenum	97-1	2392	2259	2375	2342	3.10	cps
Molybdenum	98-1	5635	5718	5968	5774	3.01	cps
Neodymium	150-1	20	0	7	9	114.55	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	1150	1030	1103	1095	5.53	cps
Phosphorus	31-2	50	133	100	94	44.41	cps
Potassium	39-2	240540	241504	247922	243322	1.65	cps
Rhodium	103-1	6893415	6853638	6692887	6813314	1.56	cps
Rhodium	103-2	3411244	3319284	3388368	3372966	1.42	cps
Scandium	45-1	6002912	6030898	5793753	5942521	2.18	cps
Scandium	45-2	212757	213877	213557	213397	0.27	cps
Selenium	82-1	129	96	297	174	61.99	cps
Selenium	77-2	13	3	7	8	65.47	cps
Selenium	78-2	67	58	48	58	16.48	cps
Silicon	28-1	25569850	25469490	24822037	25287125	1.61	cps
Silver	107-1	158	117	142	139	15.10	cps
Silver	109-1	83	83	42	69	34.64	cps
Sodium	23-2	24504238	24675321	25368415	24849325	1.84	cps
Strontium	86-1	680892	697474	692363	690243	1.23	cps
Strontium	88-1	5569160	5950349	6021035	5846848	4.16	cps
Sulfur	34-1	1670351	1631309	1603868	1635176	2.04	cps
Terbium	159-1	7858140	8322929	7958521	8046530	3.04	cps
Terbium	159-2	3722123	3625953	3744459	3697512	1.70	cps
Thallium	203-1	200	108	208	172	32.22	cps
Thallium	205-1	392	292	308	331	16.21	cps
Tin	118-1	1175	1075	1333	1195	10.91	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-11	Instrumnet Name :	P8
Client Sample ID :	MH1E13	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 18:24:35	DataFile Name :	109AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	625	567	600	597	4.90	cps
Uranium	238-1	14192	14918	15201	14770	3.53	cps
Vanadium	51-2	483	427	427	446	7.34	cps
Ytterbium	172-1	33	33	25	31	15.74	cps
Ytterbium	172-2	39	17	17	24	53.28	cps
Ytterbium	176-1	675	633	533	614	11.86	cps
Ytterbium	176-2	3851	4140	4206	4066	4.65	cps
Yttrium	89-1	14057149	14031871	13889258	13992759	0.65	cps
Yttrium	89-2	1607909	1552310	1581831	1580683	1.76	cps
Zinc	66-2	87020	86960	88146	87375	0.76	cps
Zirconium	90-1	925	858	742	842	11.03	cps
Zirconium	91-1	108	158	117	128	20.96	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	CCV075	Instrumnet Name :	P8
Client Sample ID :	CCV075	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 18:33:59	DataFile Name :	112CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2329537	2308315	2352441	2330098	0.95	cps
Antimony	121-1	2151927	2178144	2144542	2158205	0.82	cps
Arsenic	75-2	72338	72390	71356	72028	0.81	cps
Barium	135-1	2888843	2890979	2877438	2885753	0.25	cps
Barium	137-1	4951439	4829719	4875867	4885675	1.26	cps
Beryllium	9-1	658337	664328	654099	658921	0.78	cps
Bismuth	209-1	4473410	4454041	4527001	4484817	0.84	cps
Bismuth	209-2	2592333	2510324	2587732	2563463	1.80	cps
Boron	10-1	72564	74875	77228	74889	3.11	cps
Boron	11-1	351210	366121	376554	364628	3.49	cps
Bromine	81-1	16216	16797	15575	16196	3.78	cps
Cadmium	111-1	521236	519125	521219	520527	0.23	cps
Cadmium	106-1	59647	59964	59797	59803	0.27	cps
Cadmium	108-1	40025	40961	40229	40405	1.22	cps
Calcium	43-1	4604410	4715235	4584061	4634568	1.52	cps
Calcium	44-1	74332901	75849829	75487642	75223457	1.05	cps
Carbon	12-1	7249334	7032800	7218375	7166836	1.63	cps
Carbon	12-2	89155	89650	90018	89608	0.48	cps
Chlorine	35-1	905595	890370	884648	893538	1.21	cps
Chlorine	35-2	5626	5943	5760	5776	2.75	cps
Chromium	52-2	859447	855281	852517	855748	0.41	cps
Cobalt	59-2	1511381	1463489	1454311	1476394	2.08	cps
Copper	63-2	10971284	11354797	11139618	11155233	1.72	cps
Dysprosium	156-1	658	525	550	578	12.27	cps
Dysprosium	156-2	247	280	290	272	8.34	cps
Erbium	164-1	192	183	133	169	18.62	cps
Erbium	164-2	120	100	77	99	21.93	cps
Gadolinium	160-1	542	525	517	528	2.41	cps
Gadolinium	160-2	323	323	323	323	0.00	cps
Holmium	165-1	8482098	8009591	8202859	8231516	2.89	cps
Holmium	165-2	4029175	4032038	4023116	4028110	0.11	cps
Indium	115-1	7170919	7106451	7182620	7153330	0.57	cps
Indium	115-2	1157862	1178153	1159306	1165107	0.97	cps
Iron	54-2	8691048	8793753	8917892	8800897	1.29	cps
Iron	56-2	161384376	160175748	157387142	159649089	1.28	cps
Iron	57-2	4065224	3968896	3928438	3987519	1.76	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	CCV075	Instrumnet Name :	P8
Client Sample ID :	CCV075	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 18:33:59	DataFile Name :	112CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1187	1093	1083	1121	5.08	cps
Lead	206-1	7332372	7339943	7218508	7296941	0.93	cps
Lead	207-1	6316207	6464314	6164562	6315028	2.37	cps
Lead	208-1	29214359	29465758	28407995	29029371	1.90	cps
Lithium	6-1	2919051	2828030	2932625	2893235	1.97	cps
Magnesium	24-2	35360656	35575284	34979308	35305083	0.85	cps
Manganese	55-2	4165327	4149686	4072114	4129043	1.21	cps
Molybdenum	94-1	9463246	9601871	9531873	9532330	0.73	cps
Molybdenum	95-1	14195891	13998037	13599315	13931081	2.18	cps
Molybdenum	96-1	15602411	15553470	14917610	15357831	2.49	cps
Molybdenum	97-1	8179816	8747908	8419471	8449065	3.38	cps
Molybdenum	98-1	21538182	22808438	21721903	22022841	3.12	cps
Neodymium	150-1	400	333	227	320	27.32	cps
Neodymium	150-2	103	80	83	89	14.20	cps
Nickel	60-2	406657	404631	404189	405159	0.32	cps
Phosphorus	31-2	24204	24062	24379	24215	0.66	cps
Potassium	39-2	13048306	13036557	12803761	12962875	1.06	cps
Rhodium	103-1	6772150	6983102	6859338	6871530	1.54	cps
Rhodium	103-2	3481693	3407114	3478595	3455801	1.22	cps
Scandium	45-1	6221868	6123176	6258414	6201153	1.13	cps
Scandium	45-2	222741	222261	223185	222729	0.21	cps
Selenium	82-1	49476	50402	49442	49773	1.09	cps
Selenium	77-2	1350	1373	1317	1347	2.11	cps
Selenium	78-2	4862	4972	4870	4902	1.25	cps
Silicon	28-1	2977428	2979305	3050585	3002439	1.39	cps
Silver	107-1	2740143	2690541	2753184	2727956	1.21	cps
Silver	109-1	2624516	2600085	2529142	2584581	1.92	cps
Sodium	23-2	70353754	71371268	70250641	70658554	0.88	cps
Strontium	86-1	8848572	9008322	8923532	8926809	0.90	cps
Strontium	88-1	76803510	76960268	75329591	76364457	1.18	cps
Sulfur	34-1	732275	730952	717672	726966	1.11	cps
Terbium	159-1	8418723	8277689	8435224	8377212	1.03	cps
Terbium	159-2	4020286	4044648	3918112	3994349	1.68	cps
Thallium	203-1	1781828	1752330	1815226	1783128	1.76	cps
Thallium	205-1	4187878	4145863	4098348	4144030	1.08	cps
Tin	118-1	1862506	1921431	1933277	1905738	1.99	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	CCV075	Instrumnet Name :	P8
Client Sample ID :	CCV075	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 18:33:59	DataFile Name :	112CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4798818	4986635	4840915	4875456	2.02	cps
Uranium	238-1	5623068	5665141	5623106	5637105	0.43	cps
Vanadium	51-2	712208	715547	722178	716644	0.71	cps
Ytterbium	172-1	33	8	92	44	96.23	cps
Ytterbium	172-2	17	56	28	33	60.09	cps
Ytterbium	176-1	8828	8486	8178	8497	3.83	cps
Ytterbium	176-2	7858	7714	7747	7773	0.97	cps
Yttrium	89-1	14677827	14767332	15083197	14842785	1.43	cps
Yttrium	89-2	1686653	1652132	1638790	1659192	1.49	cps
Zinc	66-2	1120435	1113150	1110408	1114664	0.46	cps
Zirconium	90-1	4652659	4721536	4664521	4679572	0.79	cps
Zirconium	91-1	1054865	1025130	1033618	1037871	1.48	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	CCB075	Instrumnet Name :	P8
Client Sample ID :	CCB075	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 18:51:04	DataFile Name :	115CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	215	217	216	216	0.58	cps
Antimony	121-1	292	358	392	347	14.66	cps
Arsenic	75-2	12	14	8	11	26.96	cps
Barium	135-1	158	183	150	164	10.59	cps
Barium	137-1	250	208	317	258	21.15	cps
Beryllium	9-1	96	106	130	111	15.79	cps
Bismuth	209-1	3732747	3848959	3971680	3851129	3.10	cps
Bismuth	209-2	2334116	2367666	2401958	2367913	1.43	cps
Boron	10-1	1662	1474	1522	1552	6.29	cps
Boron	11-1	7541	7546	7536	7541	0.07	cps
Bromine	81-1	14543	14633	14212	14462	1.53	cps
Cadmium	111-1	1713	1981	1917	1870	7.48	cps
Cadmium	106-1	2417	2825	2692	2645	7.87	cps
Cadmium	108-1	71	79	54	68	18.70	cps
Calcium	43-1	459	421	469	450	5.57	cps
Calcium	44-1	26749	27467	27254	27157	1.36	cps
Carbon	12-1	6044029	6142633	6291206	6159289	2.02	cps
Carbon	12-2	66527	68008	68175	67570	1.34	cps
Chlorine	35-1	565682	574394	585686	575254	1.74	cps
Chlorine	35-2	3842	3959	4076	3959	2.95	cps
Chromium	52-2	1183	1130	1150	1155	2.33	cps
Cobalt	59-2	163	93	103	120	31.55	cps
Copper	63-2	1120	1417	1227	1255	11.98	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	67	67	17	50	57.73	cps
Erbium	164-2	33	20	13	22	45.83	cps
Gadolinium	160-1	58	67	8	44	70.99	cps
Gadolinium	160-2	50	40	37	42	16.43	cps
Holmium	165-1	6587997	6809175	6993037	6796736	2.98	cps
Holmium	165-2	3399238	3599175	3481196	3493203	2.88	cps
Indium	115-1	6268851	6473797	6341951	6361533	1.63	cps
Indium	115-2	1036606	1059989	1061738	1052778	1.33	cps
Iron	54-2	556	661	822	680	19.76	cps
Iron	56-2	4395	4623	4779	4599	4.19	cps
Iron	57-2	283	206	233	241	16.37	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	CCB075	Instrumnet Name :	P8
Client Sample ID :	CCB075	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 18:51:04	DataFile Name :	115CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1287	1070	1080	1146	10.68	cps
Lead	206-1	878	1089	989	985	10.72	cps
Lead	207-1	867	1000	967	944	7.35	cps
Lead	208-1	3789	4173	3989	3984	4.81	cps
Lithium	6-1	2436765	2510978	2622198	2523314	3.70	cps
Magnesium	24-2	1008	1092	925	1008	8.27	cps
Manganese	55-2	257	237	293	262	10.96	cps
Molybdenum	94-1	633	542	625	600	8.45	cps
Molybdenum	95-1	325	283	367	325	12.82	cps
Molybdenum	96-1	433	400	367	400	8.34	cps
Molybdenum	97-1	167	183	275	208	28.00	cps
Molybdenum	98-1	400	575	567	514	19.21	cps
Neodymium	150-1	27	7	7	13	86.58	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	100	83	107	97	12.44	cps
Phosphorus	31-2	108	100	83	97	13.09	cps
Potassium	39-2	19238	18779	18546	18854	1.87	cps
Rhodium	103-1	5952101	6278087	6270077	6166755	3.02	cps
Rhodium	103-2	3238632	3113066	3217646	3189781	2.11	cps
Scandium	45-1	5360431	5476372	5475390	5437398	1.23	cps
Scandium	45-2	186700	197451	196213	193455	3.04	cps
Selenium	82-1	-211	58	79	-25	-649.19	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	47	68	46	54	23.16	cps
Silicon	28-1	733836	732462	738995	735098	0.47	cps
Silver	107-1	158	217	158	178	18.94	cps
Silver	109-1	75	158	133	122	34.99	cps
Sodium	23-2	30433	30148	29364	29982	1.85	cps
Strontium	86-1	2009	1892	2092	1997	5.03	cps
Strontium	88-1	2434	2525	2625	2528	3.79	cps
Sulfur	34-1	401978	396117	397253	398449	0.78	cps
Terbium	159-1	7152243	7367403	7428019	7315888	1.98	cps
Terbium	159-2	3513761	3573123	3502958	3529947	1.07	cps
Thallium	203-1	342	392	225	319	26.77	cps
Thallium	205-1	800	625	600	675	16.14	cps
Tin	118-1	2100	1967	1917	1995	4.75	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	CCB075	Instrumnet Name :	P8
Client Sample ID :	CCB075	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 18:51:04	DataFile Name :	115CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	392	300	350	347	13.22	cps
Uranium	238-1	150	275	142	189	39.54	cps
Vanadium	51-2	40	27	33	33	20.00	cps
Ytterbium	172-1	8	17	50	25	88.19	cps
Ytterbium	172-2	28	6	17	17	66.65	cps
Ytterbium	176-1	600	492	542	544	9.96	cps
Ytterbium	176-2	3412	3734	3678	3608	4.78	cps
Yttrium	89-1	12474683	12583760	12499354	12519266	0.46	cps
Yttrium	89-2	1470623	1442949	1441384	1451652	1.13	cps
Zinc	66-2	247	283	273	268	7.08	cps
Zirconium	90-1	992	1167	1217	1125	10.50	cps
Zirconium	91-1	225	175	308	236	28.53	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-18LX5	Instrumnet Name :	P8
Client Sample ID :	MH1F88L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-19 19:11:13	DataFile Name :	120AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	921	836	867	875	4.91	cps
Antimony	121-1	13474	13882	14024	13793	2.07	cps
Arsenic	75-2	268	257	268	264	2.40	cps
Barium	135-1	9629	9020	10104	9584	5.67	cps
Barium	137-1	15960	16060	17128	16383	3.95	cps
Beryllium	9-1	80	80	98	86	12.09	cps
Bismuth	209-1	3628164	3928838	3867273	3808091	4.17	cps
Bismuth	209-2	2403074	2408393	2363910	2391792	1.02	cps
Boron	10-1	2074	2230	2328	2210	5.79	cps
Boron	11-1	10790	11260	11226	11092	2.36	cps
Bromine	81-1	16357	16467	16577	16467	0.67	cps
Cadmium	111-1	2907	3011	3004	2974	1.96	cps
Cadmium	106-1	2659	2642	2617	2639	0.79	cps
Cadmium	108-1	167	108	171	149	23.52	cps
Calcium	43-1	459214	481100	489981	476765	3.32	cps
Calcium	44-1	7700938	7936700	7827520	7821719	1.51	cps
Carbon	12-1	4752615	4945633	4940623	4879624	2.25	cps
Carbon	12-2	54720	56259	56000	55659	1.48	cps
Chlorine	35-1	1520757	1593493	1635759	1583336	3.67	cps
Chlorine	35-2	12956	13615	13081	13217	2.65	cps
Chromium	52-2	1300	1457	1163	1307	11.23	cps
Cobalt	59-2	267	207	250	241	12.85	cps
Copper	63-2	7259	6822	7169	7083	3.26	cps
Dysprosium	156-1	58	58	8	42	69.29	cps
Dysprosium	156-2	17	13	17	16	12.40	cps
Erbium	164-1	58	67	67	64	7.54	cps
Erbium	164-2	27	37	20	28	30.20	cps
Gadolinium	160-1	83	75	83	81	5.98	cps
Gadolinium	160-2	67	57	87	70	21.82	cps
Holmium	165-1	6373964	6704953	6709131	6596016	2.92	cps
Holmium	165-2	3568382	3658043	3544369	3590265	1.67	cps
Indium	115-1	6117704	6409416	6483411	6336844	3.05	cps
Indium	115-2	1068390	1081886	1055528	1068601	1.23	cps
Iron	54-2	4412	4184	4840	4479	7.43	cps
Iron	56-2	72529	74937	73551	73672	1.64	cps
Iron	57-2	2372	2250	2661	2428	8.70	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-18LX5	Instrumnet Name :	P8
Client Sample ID :	MH1F88L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-19 19:11:13	DataFile Name :	120AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1133	1140	1177	1150	2.03	cps
Lead	206-1	89905	89451	94919	91425	3.32	cps
Lead	207-1	82327	79851	83748	81976	2.41	cps
Lead	208-1	365627	367435	383805	372289	2.69	cps
Lithium	6-1	2464340	2503330	2513127	2493599	1.03	cps
Magnesium	24-2	936929	937664	947818	940803	0.65	cps
Manganese	55-2	14641	14291	14294	14409	1.40	cps
Molybdenum	94-1	550	500	775	608	24.08	cps
Molybdenum	95-1	525	625	617	589	9.42	cps
Molybdenum	96-1	650	833	875	786	15.23	cps
Molybdenum	97-1	333	325	333	331	1.46	cps
Molybdenum	98-1	758	708	925	797	14.23	cps
Neodymium	150-1	13	40	53	36	57.29	cps
Neodymium	150-2	7	13	0	7	99.98	cps
Nickel	60-2	280	313	267	287	8.39	cps
Phosphorus	31-2	175	150	175	167	8.66	cps
Potassium	39-2	111438	109565	110405	110469	0.85	cps
Rhodium	103-1	5867840	5960351	6079528	5969240	1.78	cps
Rhodium	103-2	3129239	3241274	3015471	3128661	3.61	cps
Scandium	45-1	5308321	5338173	5266918	5304471	0.67	cps
Scandium	45-2	198023	197481	193402	196302	1.29	cps
Selenium	82-1	-80	36	-97	-47	-154.44	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	59	57	62	59	4.24	cps
Silicon	28-1	5087721	5312026	5494870	5298206	3.85	cps
Silver	107-1	1017	1083	992	1031	4.60	cps
Silver	109-1	708	1058	825	864	20.63	cps
Sodium	23-2	8110136	8284560	8177360	8190685	1.07	cps
Strontium	86-1	224085	227620	224073	225260	0.91	cps
Strontium	88-1	1950931	1897299	1946509	1931580	1.54	cps
Sulfur	34-1	777659	792145	788666	786156	0.96	cps
Terbium	159-1	6946330	7053258	7321255	7106948	2.72	cps
Terbium	159-2	3603215	3455311	3506060	3521529	2.13	cps
Thallium	203-1	433	417	417	422	2.28	cps
Thallium	205-1	858	1142	975	992	14.36	cps
Tin	118-1	1692	1650	1642	1661	1.61	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-18LX5	Instrumnet Name :	P8
Client Sample ID :	MH1F88L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-19 19:11:13	DataFile Name :	120AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	375	633	542	517	25.35	cps
Uranium	238-1	4142	4359	4518	4340	4.34	cps
Vanadium	51-2	70	113	150	111	36.04	cps
Ytterbium	172-1	25	50	58	44	39.03	cps
Ytterbium	172-2	11	11	11	11	0.00	cps
Ytterbium	176-1	517	508	575	533	6.81	cps
Ytterbium	176-2	3673	3628	4012	3771	5.56	cps
Yttrium	89-1	12141171	12128014	12453286	12240823	1.50	cps
Yttrium	89-2	1483737	1481265	1445413	1470138	1.46	cps
Zinc	66-2	74200	73494	72917	73537	0.87	cps
Zirconium	90-1	692	875	925	831	14.79	cps
Zirconium	91-1	175	225	225	208	13.86	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-12	Instrumnet Name :	P8
Client Sample ID :	MH1E15	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 19:15:22	DataFile Name :	121AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	309	321	307	312	2.43	cps
Antimony	121-1	17512	17871	18772	18051	3.60	cps
Arsenic	75-2	413	411	432	419	2.77	cps
Barium	135-1	47191	48747	46506	47482	2.42	cps
Barium	137-1	79601	80189	82947	80912	2.21	cps
Beryllium	9-1	66	86	64	72	16.89	cps
Bismuth	209-1	4189446	4363960	4429786	4327731	2.87	cps
Bismuth	209-2	2599735	2564747	2566699	2577060	0.76	cps
Boron	10-1	4852	4928	4946	4909	1.02	cps
Boron	11-1	22689	23724	24091	23501	3.09	cps
Bromine	81-1	21278	21258	23604	22047	6.12	cps
Cadmium	111-1	2443	2212	2096	2250	7.85	cps
Cadmium	106-1	3209	2925	2825	2987	6.66	cps
Cadmium	108-1	17	33	88	46	80.80	cps
Calcium	43-1	1839439	1918312	1920100	1892617	2.43	cps
Calcium	44-1	31102227	30949231	31097968	31049809	0.28	cps
Carbon	12-1	6026313	6525139	6713236	6421563	5.53	cps
Carbon	12-2	83060	85055	87511	85209	2.62	cps
Chlorine	35-1	2017554	2246759	2339178	2201164	7.52	cps
Chlorine	35-2	19864	20098	21183	20382	3.45	cps
Chromium	52-2	1167	1253	1230	1217	3.69	cps
Cobalt	59-2	573	460	457	497	13.37	cps
Copper	63-2	1543	1467	1457	1489	3.18	cps
Dysprosium	156-1	25	0	17	14	91.65	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	58	33	58	50	28.87	cps
Erbium	164-2	40	53	27	40	33.33	cps
Gadolinium	160-1	17	67	58	47	56.72	cps
Gadolinium	160-2	33	43	57	44	26.35	cps
Holmium	165-1	7518742	7659899	7892942	7690528	2.46	cps
Holmium	165-2	3927452	3939070	3823364	3896629	1.64	cps
Indium	115-1	7129604	7419007	7343082	7297231	2.06	cps
Indium	115-2	1164353	1157920	1138383	1153552	1.17	cps
Iron	54-2	1072	956	1033	1020	5.82	cps
Iron	56-2	12939	12583	12561	12695	1.67	cps
Iron	57-2	2734	3023	2634	2797	7.22	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-12	Instrumnet Name :	P8
Client Sample ID :	MH1E15	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 19:15:22	DataFile Name :	121AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1110	1057	1140	1102	3.83	cps
Lead	206-1	2072	2011	1856	1980	5.64	cps
Lead	207-1	1667	1906	1756	1776	6.80	cps
Lead	208-1	7545	8179	8123	7949	4.41	cps
Lithium	6-1	2898915	2969716	2993974	2954201	1.67	cps
Magnesium	24-2	3023301	2983501	2950453	2985752	1.22	cps
Manganese	55-2	130008	128814	127239	128687	1.08	cps
Molybdenum	94-1	2075	2592	2267	2311	11.30	cps
Molybdenum	95-1	3517	3751	3559	3609	3.45	cps
Molybdenum	96-1	3651	3926	4034	3870	5.11	cps
Molybdenum	97-1	2009	2075	2034	2039	1.65	cps
Molybdenum	98-1	5510	5351	5343	5401	1.74	cps
Neodymium	150-1	47	7	20	24	83.31	cps
Neodymium	150-2	0	7	7	4	86.60	cps
Nickel	60-2	947	960	913	940	2.56	cps
Phosphorus	31-2	75	67	133	92	39.63	cps
Potassium	39-2	230109	225530	229727	228455	1.11	cps
Rhodium	103-1	6758560	7063888	7063135	6961861	2.53	cps
Rhodium	103-2	3563431	3371180	3297563	3410725	4.02	cps
Scandium	45-1	6197462	6242794	6296842	6245699	0.80	cps
Scandium	45-2	216538	214609	213551	214899	0.70	cps
Selenium	82-1	129	218	71	139	52.84	cps
Selenium	77-2	0	7	7	4	86.60	cps
Selenium	78-2	69	65	57	64	9.60	cps
Silicon	28-1	23617884	24845275	24868063	24443741	2.93	cps
Silver	107-1	150	67	192	136	46.76	cps
Silver	109-1	75	67	142	94	43.53	cps
Sodium	23-2	24331788	24823022	23168654	24107821	3.52	cps
Strontium	86-1	730691	732298	712531	725173	1.51	cps
Strontium	88-1	6187207	6304486	6157214	6216302	1.25	cps
Sulfur	34-1	1557329	1582804	1556993	1565708	0.95	cps
Terbium	159-1	7815818	8459158	8173518	8149498	3.96	cps
Terbium	159-2	3960741	3769825	3839607	3856724	2.50	cps
Thallium	203-1	283	258	267	269	4.72	cps
Thallium	205-1	500	492	500	497	0.97	cps
Tin	118-1	1025	1042	1108	1058	4.17	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-12	Instrumnet Name :	P8
Client Sample ID :	MH1E15	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 19:15:22	DataFile Name :	121AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	633	567	542	581	8.16	cps
Uranium	238-1	15418	16661	15143	15741	5.14	cps
Vanadium	51-2	513	510	543	522	3.52	cps
Ytterbium	172-1	33	8	17	19	65.47	cps
Ytterbium	172-2	39	17	11	22	66.14	cps
Ytterbium	176-1	733	700	717	717	2.33	cps
Ytterbium	176-2	4040	4040	3867	3982	2.50	cps
Yttrium	89-1	14046985	14483786	14550445	14360405	1.90	cps
Yttrium	89-2	1658911	1630532	1542012	1610485	3.79	cps
Zinc	66-2	72412	72807	71292	72170	1.09	cps
Zirconium	90-1	1050	958	775	928	15.09	cps
Zirconium	91-1	167	158	225	183	19.81	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-13	Instrumnet Name :	P8
Client Sample ID :	MH1E17	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 19:18:21	DataFile Name :	122AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	215	259	222	232	10.08	cps
Antimony	121-1	18396	18212	19147	18585	2.66	cps
Arsenic	75-2	456	443	445	448	1.56	cps
Barium	135-1	46890	48521	48772	48061	2.13	cps
Barium	137-1	83560	82101	85588	83750	2.09	cps
Beryllium	9-1	82	78	72	77	6.50	cps
Bismuth	209-1	4338806	4346526	4330812	4338715	0.18	cps
Bismuth	209-2	2612114	2514227	2527572	2551304	2.08	cps
Boron	10-1	4720	5282	5380	5127	6.95	cps
Boron	11-1	23865	25321	25689	24958	3.87	cps
Bromine	81-1	23304	23665	24025	23664	1.52	cps
Cadmium	111-1	2320	2244	2315	2293	1.86	cps
Cadmium	106-1	3142	3017	3109	3089	2.10	cps
Cadmium	108-1	42	38	33	38	11.12	cps
Calcium	43-1	1922223	1936301	1923969	1927497	0.40	cps
Calcium	44-1	30004519	31975526	31706791	31228945	3.42	cps
Carbon	12-1	6203754	6807480	7055844	6689026	6.55	cps
Carbon	12-2	85994	87402	86447	86614	0.83	cps
Chlorine	35-1	2571256	2812698	2937620	2773858	6.71	cps
Chlorine	35-2	22860	24313	25749	24307	5.94	cps
Chromium	52-2	930	993	970	964	3.32	cps
Cobalt	59-2	433	460	413	436	5.38	cps
Copper	63-2	1527	1403	1380	1437	5.49	cps
Dysprosium	156-1	17	8	25	17	50.01	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	33	42	50	42	20.00	cps
Erbium	164-2	17	40	43	33	43.58	cps
Gadolinium	160-1	42	67	50	53	24.12	cps
Gadolinium	160-2	43	57	60	53	16.54	cps
Holmium	165-1	7793441	7980343	7710274	7828019	1.77	cps
Holmium	165-2	3951576	3952278	3903882	3935912	0.70	cps
Indium	115-1	7032813	6943524	7044064	7006800	0.79	cps
Indium	115-2	1143705	1148794	1145705	1146068	0.22	cps
Iron	54-2	972	928	967	956	2.53	cps
Iron	56-2	12595	12005	11966	12189	2.89	cps
Iron	57-2	2567	2495	2806	2623	6.21	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-13	Instrumnet Name :	P8
Client Sample ID :	MH1E17	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 19:18:21	DataFile Name :	122AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1127	977	1117	1073	7.81	cps
Lead	206-1	1839	1811	1972	1874	4.60	cps
Lead	207-1	1689	1783	1706	1726	2.92	cps
Lead	208-1	7734	7734	7857	7775	0.91	cps
Lithium	6-1	2832620	2930236	2906145	2889667	1.76	cps
Magnesium	24-2	3102600	3088681	2958373	3049885	2.61	cps
Manganese	55-2	124636	124189	122761	123862	0.79	cps
Molybdenum	94-1	2184	2367	2067	2206	6.86	cps
Molybdenum	95-1	3459	3384	3017	3287	7.19	cps
Molybdenum	96-1	3359	3684	3767	3603	5.99	cps
Molybdenum	97-1	2034	2342	2267	2214	7.26	cps
Molybdenum	98-1	5335	5343	5543	5407	2.18	cps
Neodymium	150-1	13	13	20	16	24.76	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	1040	990	940	990	5.05	cps
Phosphorus	31-2	75	100	92	89	14.32	cps
Potassium	39-2	236924	233413	234835	235057	0.75	cps
Rhodium	103-1	6728419	6691518	6584682	6668206	1.12	cps
Rhodium	103-2	3351262	3464103	3459254	3424873	1.86	cps
Scandium	45-1	6024091	6133828	6114460	6090793	0.96	cps
Scandium	45-2	212702	215166	217943	215270	1.22	cps
Selenium	82-1	123	227	138	162	34.63	cps
Selenium	77-2	0	20	10	10	100.00	cps
Selenium	78-2	69	62	62	64	6.28	cps
Silicon	28-1	24316136	23896873	24559046	24257352	1.38	cps
Silver	107-1	133	150	133	139	6.93	cps
Silver	109-1	133	67	100	100	33.33	cps
Sodium	23-2	24539377	24241218	25000168	24593588	1.55	cps
Strontium	86-1	725871	745487	728216	733191	1.46	cps
Strontium	88-1	6221967	6169786	6196148	6195967	0.42	cps
Sulfur	34-1	1630728	1579065	1566822	1592205	2.13	cps
Terbium	159-1	7950107	8028168	8160172	8046149	1.32	cps
Terbium	159-2	3870009	3762854	3740463	3791109	1.83	cps
Thallium	203-1	167	167	192	175	8.25	cps
Thallium	205-1	500	567	458	508	10.75	cps
Tin	118-1	1158	1083	917	1053	11.75	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-13	Instrumnet Name :	P8
Client Sample ID :	MH1E17	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 19:18:21	DataFile Name :	122AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	633	625	575	611	5.16	cps
Uranium	238-1	15026	14917	15819	15254	3.22	cps
Vanadium	51-2	583	403	530	506	18.29	cps
Ytterbium	172-1	33	8	17	19	65.47	cps
Ytterbium	172-2	11	11	11	11	0.00	cps
Ytterbium	176-1	775	767	642	728	10.26	cps
Ytterbium	176-2	3806	3945	4340	4030	6.87	cps
Yttrium	89-1	14536843	14177443	14332127	14348804	1.26	cps
Yttrium	89-2	1598344	1643270	1626748	1622787	1.40	cps
Zinc	66-2	69734	69896	68924	69518	0.75	cps
Zirconium	90-1	883	825	933	881	6.16	cps
Zirconium	91-1	250	158	242	217	23.40	cps

LB Number : LB117894 Operator : Jaswal
 Lab Sample ID : M5052-14 Instrumnet Name : P8
 Client Sample ID : MH1E19 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-19 19:21:16 DataFile Name : 123AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	281	271	285	279	2.55	cps
Antimony	121-1	19982	20424	20341	20249	1.16	cps
Arsenic	75-2	379	433	445	419	8.39	cps
Barium	135-1	47920	50010	48170	48700	2.34	cps
Barium	137-1	82392	85631	85531	84518	2.18	cps
Beryllium	9-1	88	94	86	89	4.66	cps
Bismuth	209-1	4349165	4312831	4451969	4371322	1.65	cps
Bismuth	209-2	2563091	2635294	2479417	2559267	3.05	cps
Boron	10-1	5216	5694	5516	5475	4.41	cps
Boron	11-1	24988	26144	26012	25715	2.46	cps
Bromine	81-1	23163	23143	24898	23734	4.24	cps
Cadmium	111-1	2524	2424	2543	2497	2.56	cps
Cadmium	106-1	3367	3084	3326	3259	4.70	cps
Cadmium	108-1	71	38	50	53	31.90	cps
Calcium	43-1	1954599	1969542	1922223	1948788	1.24	cps
Calcium	44-1	32079798	31742823	30450151	31424258	2.74	cps
Carbon	12-1	6607369	7029464	7402486	7013107	5.67	cps
Carbon	12-2	85290	86614	89885	87263	2.71	cps
Chlorine	35-1	3059900	3247417	3396236	3234517	5.21	cps
Chlorine	35-2	27335	27627	29055	28006	3.29	cps
Chromium	52-2	1813	1817	1943	1858	3.99	cps
Cobalt	59-2	657	657	627	647	2.68	cps
Copper	63-2	1807	1723	1697	1742	3.29	cps
Dysprosium	156-1	8	17	25	17	50.01	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	42	25	42	36	26.65	cps
Erbium	164-2	23	17	43	28	49.95	cps
Gadolinium	160-1	33	50	17	33	50.00	cps
Gadolinium	160-2	67	53	57	59	11.79	cps
Holmium	165-1	7539959	7580982	7732087	7617676	1.33	cps
Holmium	165-2	3831898	4011424	3804006	3882443	2.90	cps
Indium	115-1	7136294	7073820	6960068	7056727	1.27	cps
Indium	115-2	1142286	1159442	1115517	1139082	1.94	cps
Iron	54-2	3011	2889	2978	2960	2.14	cps
Iron	56-2	45489	47395	46805	46563	2.10	cps
Iron	57-2	3345	3728	3739	3604	6.23	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-14	Instrumnet Name :	P8
Client Sample ID :	MH1E19	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 19:21:16	DataFile Name :	123AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1027	1037	1110	1058	4.30	cps
Lead	206-1	2278	2311	2200	2263	2.52	cps
Lead	207-1	1872	2067	1884	1941	5.63	cps
Lead	208-1	8840	8912	8790	8848	0.69	cps
Lithium	6-1	2867614	2881720	2950331	2899888	1.53	cps
Magnesium	24-2	3160600	3079318	3187422	3142447	1.79	cps
Manganese	55-2	176112	174913	177036	176020	0.60	cps
Molybdenum	94-1	3209	3000	2850	3020	5.96	cps
Molybdenum	95-1	4476	4626	4543	4548	1.65	cps
Molybdenum	96-1	4784	4659	4576	4673	2.24	cps
Molybdenum	97-1	2959	2692	2709	2786	5.36	cps
Molybdenum	98-1	6710	6710	7235	6885	4.40	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	1140	1070	1063	1091	3.89	cps
Phosphorus	31-2	117	83	83	94	20.37	cps
Potassium	39-2	260592	261726	259970	260763	0.34	cps
Rhodium	103-1	6844344	6666512	6825534	6778797	1.44	cps
Rhodium	103-2	3522055	3531856	3300732	3451547	3.79	cps
Scandium	45-1	6248492	6069956	6133730	6150726	1.47	cps
Scandium	45-2	213455	217317	211694	214155	1.34	cps
Selenium	82-1	222	212	162	199	16.07	cps
Selenium	77-2	10	10	10	10	0.00	cps
Selenium	78-2	56	66	59	60	8.50	cps
Silicon	28-1	24624864	25721507	24932912	25093094	2.25	cps
Silver	107-1	108	150	158	139	19.29	cps
Silver	109-1	92	92	75	86	11.18	cps
Sodium	23-2	25311558	24668569	26073611	25351246	2.77	cps
Strontium	86-1	754510	767174	738450	753378	1.91	cps
Strontium	88-1	6163804	6525156	6305012	6331324	2.88	cps
Sulfur	34-1	1659595	1673753	1666155	1666501	0.43	cps
Terbium	159-1	8059501	8124977	7982528	8055669	0.89	cps
Terbium	159-2	3898057	4007932	3667852	3857947	4.50	cps
Thallium	203-1	342	250	183	258	30.77	cps
Thallium	205-1	608	608	650	622	3.87	cps
Tin	118-1	1892	2192	2034	2039	7.36	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-14	Instrumnet Name :	P8
Client Sample ID :	MH1E19	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 19:21:16	DataFile Name :	123AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	642	725	675	681	6.16	cps
Uranium	238-1	14784	15235	14625	14881	2.12	cps
Vanadium	51-2	387	350	360	366	5.19	cps
Ytterbium	172-1	17	33	42	31	41.66	cps
Ytterbium	172-2	17	17	0	11	86.60	cps
Ytterbium	176-1	725	650	667	681	5.79	cps
Ytterbium	176-2	4017	4028	3923	3990	1.45	cps
Yttrium	89-1	13765840	14097806	14451664	14105103	2.43	cps
Yttrium	89-2	1667256	1661838	1516143	1615079	5.31	cps
Zinc	66-2	73705	72087	71208	72333	1.75	cps
Zirconium	90-1	892	825	850	856	3.94	cps
Zirconium	91-1	125	200	183	169	23.24	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-15	Instrumnet Name :	P8
Client Sample ID :	MH1E21	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 19:24:14	DataFile Name :	124AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	267	320	239	275	14.96	cps
Antimony	121-1	22219	23571	22987	22925	2.96	cps
Arsenic	75-2	824	757	804	795	4.33	cps
Barium	135-1	60310	61793	61357	61153	1.25	cps
Barium	137-1	105478	108595	103203	105759	2.56	cps
Beryllium	9-1	66	82	56	68	19.28	cps
Bismuth	209-1	4328369	4360383	4331301	4340018	0.41	cps
Bismuth	209-2	2639473	2563171	2425900	2542848	4.26	cps
Boron	10-1	5196	5216	5324	5245	1.31	cps
Boron	11-1	24790	25998	25687	25492	2.46	cps
Bromine	81-1	22451	25379	26341	24724	8.20	cps
Cadmium	111-1	2302	2008	2220	2177	6.97	cps
Cadmium	106-1	3150	2800	3150	3034	6.66	cps
Cadmium	108-1	29	33	50	38	29.40	cps
Calcium	43-1	2006274	1984011	2042280	2010855	1.46	cps
Calcium	44-1	31979248	32369769	32244033	32197683	0.62	cps
Carbon	12-1	6781800	7242233	6988639	7004224	3.29	cps
Carbon	12-2	87971	94270	88266	90169	3.94	cps
Chlorine	35-1	3437949	3466656	3674825	3526476	3.67	cps
Chlorine	35-2	29414	29898	29055	29456	1.44	cps
Chromium	52-2	867	847	810	841	3.42	cps
Cobalt	59-2	930	820	883	878	6.29	cps
Copper	63-2	1347	1257	1233	1279	4.68	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	92	67	42	67	37.50	cps
Erbium	164-2	17	23	27	22	22.91	cps
Gadolinium	160-1	58	25	50	44	39.04	cps
Gadolinium	160-2	43	57	43	48	16.12	cps
Holmium	165-1	7792718	7734131	7717943	7748264	0.51	cps
Holmium	165-2	3900077	3882991	3792166	3858411	1.50	cps
Indium	115-1	7069372	7182029	7189954	7147118	0.94	cps
Indium	115-2	1141690	1131547	1119822	1131020	0.97	cps
Iron	54-2	6240	6046	6307	6198	2.19	cps
Iron	56-2	107963	109647	105438	107683	1.97	cps
Iron	57-2	5084	4906	5357	5116	4.43	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-15	Instrumnet Name :	P8
Client Sample ID :	MH1E21	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 19:24:14	DataFile Name :	124AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1010	1043	1080	1044	3.35	cps
Lead	206-1	2384	2228	2289	2300	3.41	cps
Lead	207-1	1656	1878	1972	1835	8.86	cps
Lead	208-1	8946	8624	9001	8857	2.30	cps
Lithium	6-1	2931895	2884256	2885695	2900615	0.93	cps
Magnesium	24-2	3422207	3383072	3343109	3382796	1.17	cps
Manganese	55-2	360979	355657	348082	354906	1.83	cps
Molybdenum	94-1	2317	2359	2134	2270	5.27	cps
Molybdenum	95-1	3192	3467	3067	3242	6.31	cps
Molybdenum	96-1	3717	3801	3209	3576	8.96	cps
Molybdenum	97-1	1942	2084	1875	1967	5.41	cps
Molybdenum	98-1	5418	5601	5435	5485	1.85	cps
Neodymium	150-1	20	33	20	24	31.49	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	753	773	687	738	6.15	cps
Phosphorus	31-2	108	183	125	139	28.35	cps
Potassium	39-2	251022	242957	238674	244218	2.57	cps
Rhodium	103-1	6752947	6919483	7049905	6907445	2.15	cps
Rhodium	103-2	3440456	3423601	3520409	3461489	1.49	cps
Scandium	45-1	6011614	6076833	6218402	6102283	1.73	cps
Scandium	45-2	216160	216648	212013	214940	1.18	cps
Selenium	82-1	147	134	83	121	27.64	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	58	66	71	65	10.09	cps
Silicon	28-1	24460814	24530486	23370701	24120667	2.70	cps
Silver	107-1	108	133	108	117	12.37	cps
Silver	109-1	50	67	108	75	40.06	cps
Sodium	23-2	25711331	26450548	26506942	26222941	1.69	cps
Strontium	86-1	846194	859383	852741	852773	0.77	cps
Strontium	88-1	7402577	7032679	7060881	7165379	2.87	cps
Sulfur	34-1	1724357	1658963	1675220	1686180	2.02	cps
Terbium	159-1	8140771	8306900	7784377	8077349	3.31	cps
Terbium	159-2	3859462	3848257	3821048	3842922	0.51	cps
Thallium	203-1	183	150	200	178	14.32	cps
Thallium	205-1	483	408	383	425	12.24	cps
Tin	118-1	1075	1142	1208	1142	5.84	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-15	Instrumnet Name :	P8
Client Sample ID :	MH1E21	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 19:24:14	DataFile Name :	124AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	592	658	558	603	8.45	cps
Uranium	238-1	13683	14542	14308	14178	3.13	cps
Vanadium	51-2	253	320	303	292	11.87	cps
Ytterbium	172-1	17	50	25	31	56.77	cps
Ytterbium	172-2	11	6	17	11	49.99	cps
Ytterbium	176-1	758	750	750	753	0.64	cps
Ytterbium	176-2	3851	4134	4051	4012	3.63	cps
Yttrium	89-1	14649472	13802484	13700743	14050900	3.71	cps
Yttrium	89-2	1635692	1599459	1618562	1617904	1.12	cps
Zinc	66-2	25136	24982	24491	24870	1.35	cps
Zirconium	90-1	933	792	758	828	11.23	cps
Zirconium	91-1	192	158	200	183	12.03	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-16	Instrumnet Name :	P8
Client Sample ID :	MH1E23	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 19:27:10	DataFile Name :	125AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	362	314	327	335	7.51	cps
Antimony	121-1	6577	7110	7094	6927	4.38	cps
Arsenic	75-2	282	267	282	277	3.13	cps
Barium	135-1	59314	61382	60520	60405	1.72	cps
Barium	137-1	104455	104389	107016	105286	1.42	cps
Beryllium	9-1	74	86	82	81	7.57	cps
Bismuth	209-1	4172540	4361673	4322994	4285736	2.33	cps
Bismuth	209-2	2465855	2427107	2468792	2453918	0.95	cps
Boron	10-1	5316	5352	5898	5522	5.91	cps
Boron	11-1	25962	27779	28194	27311	4.35	cps
Bromine	81-1	25510	25540	27285	26111	3.89	cps
Cadmium	111-1	2268	2373	2272	2304	2.59	cps
Cadmium	106-1	2909	3034	2892	2945	2.63	cps
Cadmium	108-1	50	13	33	32	58.82	cps
Calcium	43-1	2410048	2413568	2383400	2402338	0.69	cps
Calcium	44-1	38568785	38378008	38212349	38386381	0.46	cps
Carbon	12-1	7310170	7501057	8111470	7640899	5.48	cps
Carbon	12-2	95729	94589	97515	95944	1.54	cps
Chlorine	35-1	3887278	4163712	4316814	4122601	5.28	cps
Chlorine	35-2	34224	34684	36188	35032	2.93	cps
Chromium	52-2	1533	1613	1473	1540	4.56	cps
Cobalt	59-2	267	297	330	298	10.64	cps
Copper	63-2	2017	2304	2144	2155	6.67	cps
Dysprosium	156-1	8	8	33	17	86.62	cps
Dysprosium	156-2	20	3	23	16	68.90	cps
Erbium	164-1	100	83	67	83	20.00	cps
Erbium	164-2	13	30	17	20	44.10	cps
Gadolinium	160-1	75	50	17	47	61.97	cps
Gadolinium	160-2	73	50	60	61	19.15	cps
Holmium	165-1	7529160	7567778	7849640	7648859	2.29	cps
Holmium	165-2	3824251	3663068	3761226	3749515	2.17	cps
Indium	115-1	7152422	7048967	7204531	7135307	1.11	cps
Indium	115-2	1116021	1108239	1124024	1116095	0.71	cps
Iron	54-2	1139	1250	1128	1172	5.77	cps
Iron	56-2	15331	14947	14636	14971	2.33	cps
Iron	57-2	3428	3189	3273	3297	3.68	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-16	Instrumnet Name :	P8
Client Sample ID :	MH1E23	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 19:27:10	DataFile Name :	125AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1037	1073	1050	1053	1.76	cps
Lead	206-1	3301	3617	3628	3515	5.30	cps
Lead	207-1	3100	3134	3123	3119	0.54	cps
Lead	208-1	13681	14470	14070	14074	2.80	cps
Lithium	6-1	2868146	2907460	3072392	2949332	3.67	cps
Magnesium	24-2	4650267	4511713	4578611	4580197	1.51	cps
Manganese	55-2	30660	30820	31876	31118	2.12	cps
Molybdenum	94-1	1175	1333	1275	1261	6.35	cps
Molybdenum	95-1	1600	1508	1742	1617	7.27	cps
Molybdenum	96-1	1600	1825	1775	1734	6.82	cps
Molybdenum	97-1	908	1075	858	947	11.98	cps
Molybdenum	98-1	2434	2434	2609	2492	4.06	cps
Neodymium	150-1	47	0	20	22	105.36	cps
Neodymium	150-2	3	10	0	4	114.60	cps
Nickel	60-2	653	593	590	612	5.82	cps
Phosphorus	31-2	150	150	150	150	0.00	cps
Potassium	39-2	219429	217402	218189	218340	0.47	cps
Rhodium	103-1	6573865	7105137	6692083	6790361	4.11	cps
Rhodium	103-2	3278800	3291910	3329961	3300224	0.81	cps
Scandium	45-1	6157266	6009649	6185869	6117595	1.55	cps
Scandium	45-2	209709	210854	216608	212391	1.74	cps
Selenium	82-1	255	192	273	240	17.61	cps
Selenium	77-2	13	3	3	7	86.65	cps
Selenium	78-2	80	63	79	74	12.89	cps
Silicon	28-1	21000653	20494332	21574967	21023317	2.57	cps
Silver	107-1	67	142	133	114	36.09	cps
Silver	109-1	108	108	67	94	25.47	cps
Sodium	23-2	26885662	25816784	25813610	26172019	2.36	cps
Strontium	86-1	1195214	1217357	1205152	1205908	0.92	cps
Strontium	88-1	10183706	10540029	10283300	10335678	1.78	cps
Sulfur	34-1	1815907	1853300	1867621	1845609	1.45	cps
Terbium	159-1	7714966	8228459	8129746	8024390	3.40	cps
Terbium	159-2	3704221	3591281	3682250	3659251	1.64	cps
Thallium	203-1	358	383	375	372	3.42	cps
Thallium	205-1	850	783	967	867	10.71	cps
Tin	118-1	1825	1892	1667	1795	6.44	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-16	Instrumnet Name :	P8
Client Sample ID :	MH1E23	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 19:27:10	DataFile Name :	125AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	658	733	592	661	10.72	cps
Uranium	238-1	16311	16795	16603	16570	1.47	cps
Vanadium	51-2	767	767	827	787	4.40	cps
Ytterbium	172-1	25	42	25	31	31.50	cps
Ytterbium	172-2	17	22	6	15	57.25	cps
Ytterbium	176-1	792	850	775	806	4.89	cps
Ytterbium	176-2	3706	3823	3751	3760	1.57	cps
Yttrium	89-1	13980226	13829835	13815461	13875174	0.66	cps
Yttrium	89-2	1602098	1543594	1565244	1570312	1.88	cps
Zinc	66-2	19944	19370	20168	19827	2.08	cps
Zirconium	90-1	808	992	875	892	10.41	cps
Zirconium	91-1	125	175	250	183	34.32	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-17	Instrumnet Name :	P8
Client Sample ID :	MH1E25	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 19:30:08	DataFile Name :	126AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	302	269	261	277	7.92	cps
Antimony	121-1	5726	6410	6435	6190	6.50	cps
Arsenic	75-2	255	252	298	268	9.59	cps
Barium	135-1	56544	58955	59214	58238	2.53	cps
Barium	137-1	97451	100675	99675	99267	1.66	cps
Beryllium	9-1	70	64	94	76	20.88	cps
Bismuth	209-1	4343340	4328330	4433695	4368455	1.30	cps
Bismuth	209-2	2596758	2583374	2532836	2570989	1.31	cps
Boron	10-1	5300	5784	5750	5611	4.82	cps
Boron	11-1	26529	27294	28634	27486	3.88	cps
Bromine	81-1	24627	27606	26874	26369	5.89	cps
Cadmium	111-1	2185	2167	2340	2230	4.27	cps
Cadmium	106-1	3059	2925	3175	3053	4.10	cps
Cadmium	108-1	33	21	29	28	22.92	cps
Calcium	43-1	2312645	2435789	2429098	2392511	2.89	cps
Calcium	44-1	37150504	38959023	39552321	38553949	3.25	cps
Carbon	12-1	7204791	7735748	7758239	7566259	4.14	cps
Carbon	12-2	94672	94622	95234	94843	0.36	cps
Chlorine	35-1	4068087	4310298	4526997	4301794	5.34	cps
Chlorine	35-2	36847	36630	37641	37040	1.44	cps
Chromium	52-2	1207	1233	1317	1252	4.58	cps
Cobalt	59-2	470	427	467	454	5.31	cps
Copper	63-2	1770	1727	1490	1662	9.07	cps
Dysprosium	156-1	0	0	17	6	173.21	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	75	58	75	69	13.86	cps
Erbium	164-2	60	17	40	39	55.76	cps
Gadolinium	160-1	58	25	50	44	39.04	cps
Gadolinium	160-2	83	27	57	56	51.02	cps
Holmium	165-1	7214504	7567633	7574561	7452233	2.76	cps
Holmium	165-2	4128848	3830845	3868213	3942636	4.12	cps
Indium	115-1	7135741	7046230	7164170	7115380	0.87	cps
Indium	115-2	1179990	1147562	1135771	1154441	1.98	cps
Iron	54-2	6518	6585	6457	6520	0.98	cps
Iron	56-2	113841	113213	110426	112494	1.62	cps
Iron	57-2	5985	6146	5990	6040	1.51	cps

LB Number : LB117894 Operator : Jaswal
 Lab Sample ID : M5052-17 Instrumnet Name : P8
 Client Sample ID : MH1E25 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-19 19:30:08 DataFile Name : 126AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1187	1237	1180	1201	2.58	cps
Lead	206-1	2561	2384	2500	2482	3.64	cps
Lead	207-1	2072	2206	2189	2156	3.37	cps
Lead	208-1	10002	9763	10130	9965	1.87	cps
Lithium	6-1	2907491	3058129	2958709	2974776	2.57	cps
Magnesium	24-2	5131485	4926045	4772479	4943336	3.64	cps
Manganese	55-2	57522	57593	57529	57548	0.07	cps
Molybdenum	94-1	1058	1300	1292	1217	11.28	cps
Molybdenum	95-1	1383	1508	1592	1495	7.02	cps
Molybdenum	96-1	1767	1733	1842	1781	3.12	cps
Molybdenum	97-1	808	925	1067	933	13.86	cps
Molybdenum	98-1	2209	2342	2675	2409	9.98	cps
Neodymium	150-1	7	33	20	20	66.65	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	557	490	533	527	6.42	cps
Phosphorus	31-2	142	108	75	108	30.77	cps
Potassium	39-2	232272	222178	222687	225712	2.52	cps
Rhodium	103-1	6625725	6745621	6911729	6761025	2.12	cps
Rhodium	103-2	3514598	3343596	3530351	3462848	2.99	cps
Scandium	45-1	5942816	6212745	6098629	6084730	2.23	cps
Scandium	45-2	218085	217254	216186	217175	0.44	cps
Selenium	82-1	112	44	88	82	42.30	cps
Selenium	77-2	10	0	7	6	91.64	cps
Selenium	78-2	74	56	71	67	14.39	cps
Silicon	28-1	24045326	23190893	23678889	23638369	1.81	cps
Silver	107-1	167	150	225	181	21.81	cps
Silver	109-1	108	133	117	119	10.66	cps
Sodium	23-2	25267325	23853094	23760480	24293633	3.48	cps
Strontium	86-1	1349452	1377713	1415849	1381005	2.41	cps
Strontium	88-1	10972658	11530504	11844047	11449070	3.86	cps
Sulfur	34-1	1961290	1946012	1919080	1942127	1.10	cps
Terbium	159-1	8130526	8057179	8326121	8171275	1.70	cps
Terbium	159-2	3898933	3833622	3732269	3821608	2.20	cps
Thallium	203-1	275	308	308	297	6.48	cps
Thallium	205-1	642	867	767	758	14.87	cps
Tin	118-1	1208	1317	1258	1261	4.30	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-17	Instrumnet Name :	P8
Client Sample ID :	MH1E25	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 19:30:08	DataFile Name :	126AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	533	717	642	631	14.62	cps
Uranium	238-1	14684	15193	16336	15404	5.49	cps
Vanadium	51-2	660	707	730	699	5.10	cps
Ytterbium	172-1	33	33	17	28	34.63	cps
Ytterbium	172-2	17	44	33	31	44.41	cps
Ytterbium	176-1	717	767	725	736	3.64	cps
Ytterbium	176-2	3734	4001	3767	3834	3.79	cps
Yttrium	89-1	13773751	14168825	14269596	14070724	1.86	cps
Yttrium	89-2	1656179	1602066	1628551	1628932	1.66	cps
Zinc	66-2	16860	16576	16957	16798	1.18	cps
Zirconium	90-1	933	875	1058	956	9.80	cps
Zirconium	91-1	183	192	217	197	8.79	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-18RE	Instrumnet Name :	P8
Client Sample ID :	MH1E27	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 19:33:03	DataFile Name :	127AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	277	297	280	285	3.82	cps
Antimony	121-1	10871	10571	11113	10852	2.50	cps
Arsenic	75-2	315	403	370	363	12.26	cps
Barium	135-1	62872	66481	67344	65566	3.62	cps
Barium	137-1	111299	115916	110485	112567	2.60	cps
Beryllium	9-1	72	86	66	75	13.74	cps
Bismuth	209-1	4452712	4536734	4551940	4513795	1.18	cps
Bismuth	209-2	2534845	2548249	2543222	2542105	0.27	cps
Boron	10-1	5898	6054	6212	6055	2.59	cps
Boron	11-1	29003	30367	30722	30031	3.02	cps
Bromine	81-1	25309	29351	28519	27726	7.70	cps
Cadmium	111-1	2658	2616	2427	2567	4.79	cps
Cadmium	106-1	3417	3292	2967	3225	7.20	cps
Cadmium	108-1	54	67	29	50	38.19	cps
Calcium	43-1	2481208	2534002	2654017	2556409	3.46	cps
Calcium	44-1	39412145	40699049	42625859	40912351	3.95	cps
Carbon	12-1	7027008	7188352	7415013	7210124	2.70	cps
Carbon	12-2	93574	92927	95705	94069	1.55	cps
Chlorine	35-1	4414107	4740271	5082841	4745740	7.05	cps
Chlorine	35-2	40583	39245	39521	39783	1.77	cps
Chromium	52-2	1923	2050	1917	1963	3.83	cps
Cobalt	59-2	427	437	370	411	8.75	cps
Copper	63-2	2037	1843	1840	1907	5.91	cps
Dysprosium	156-1	33	17	33	28	34.63	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	33	75	133	81	62.36	cps
Erbium	164-2	33	30	40	34	14.78	cps
Gadolinium	160-1	67	50	25	47	44.41	cps
Gadolinium	160-2	50	63	60	58	12.01	cps
Holmium	165-1	7641811	8180882	8136567	7986420	3.75	cps
Holmium	165-2	4014158	3991678	3792886	3932907	3.10	cps
Indium	115-1	7641220	7497981	7348697	7495966	1.95	cps
Indium	115-2	1152460	1154238	1163295	1156664	0.50	cps
Iron	54-2	1139	1328	1056	1174	11.88	cps
Iron	56-2	15553	14797	14413	14921	3.89	cps
Iron	57-2	3350	3567	3867	3595	7.22	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-18RE	Instrumnet Name :	P8
Client Sample ID :	MH1E27	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 19:33:03	DataFile Name :	127AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1147	1117	1173	1146	2.48	cps
Lead	206-1	7647	7764	7802	7738	1.05	cps
Lead	207-1	7052	6568	6513	6711	4.42	cps
Lead	208-1	31744	31449	31444	31546	0.54	cps
Lithium	6-1	3038921	3131831	3115461	3095404	1.60	cps
Magnesium	24-2	4967539	4847862	4787842	4867748	1.88	cps
Manganese	55-2	53872	54320	53293	53828	0.96	cps
Molybdenum	94-1	1550	1500	1233	1428	11.92	cps
Molybdenum	95-1	1692	1708	1692	1697	0.57	cps
Molybdenum	96-1	1767	1650	2167	1861	14.56	cps
Molybdenum	97-1	1008	883	1192	1028	15.09	cps
Molybdenum	98-1	2659	2650	3109	2806	9.35	cps
Neodymium	150-1	27	47	20	31	44.61	cps
Neodymium	150-2	7	10	0	6	91.64	cps
Nickel	60-2	590	703	730	674	11.02	cps
Phosphorus	31-2	100	125	83	103	20.40	cps
Potassium	39-2	232802	232092	233817	232904	0.37	cps
Rhodium	103-1	6958250	7264741	7202080	7141690	2.27	cps
Rhodium	103-2	3432107	3508332	3475742	3472061	1.10	cps
Scandium	45-1	6093577	6318413	6511685	6307891	3.32	cps
Scandium	45-2	222539	220436	220141	221039	0.59	cps
Selenium	82-1	180	160	104	148	26.74	cps
Selenium	77-2	3	0	10	4	114.60	cps
Selenium	78-2	63	76	69	69	9.38	cps
Silicon	28-1	22848943	22294589	22658130	22600554	1.25	cps
Silver	107-1	208	225	142	192	23.01	cps
Silver	109-1	50	67	158	92	63.64	cps
Sodium	23-2	28213769	27427633	27402324	27681242	1.67	cps
Strontium	86-1	1306559	1297821	1326284	1310222	1.11	cps
Strontium	88-1	11267022	11128115	10901495	11098877	1.66	cps
Sulfur	34-1	1944586	1953794	1940246	1946209	0.36	cps
Terbium	159-1	8450074	8370436	8572903	8464471	1.21	cps
Terbium	159-2	3793511	3721247	3752653	3755804	0.96	cps
Thallium	203-1	442	292	308	347	23.68	cps
Thallium	205-1	817	800	900	839	6.39	cps
Tin	118-1	2267	2434	2342	2347	3.56	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-18RE	Instrumnet Name :	P8
Client Sample ID :	MH1E27	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 19:33:03	DataFile Name :	127AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	592	475	533	533	10.94	cps
Uranium	238-1	17755	17095	18030	17627	2.72	cps
Vanadium	51-2	760	880	897	846	8.82	cps
Ytterbium	172-1	33	67	25	42	52.92	cps
Ytterbium	172-2	11	17	11	13	24.76	cps
Ytterbium	176-1	692	667	992	783	23.09	cps
Ytterbium	176-2	3589	4051	4045	3895	6.80	cps
Yttrium	89-1	14578174	15268999	14757233	14868135	2.41	cps
Yttrium	89-2	1657678	1608653	1586385	1617572	2.25	cps
Zinc	66-2	26612	26044	25697	26118	1.77	cps
Zirconium	90-1	1017	900	875	931	8.13	cps
Zirconium	91-1	317	217	158	231	34.73	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-19	Instrumnet Name :	P8
Client Sample ID :	MH1E29	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 19:36:01	DataFile Name :	128AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	279	212	265	252	13.87	cps
Antimony	121-1	20399	20891	21484	20925	2.60	cps
Arsenic	75-2	430	375	396	400	6.93	cps
Barium	135-1	54176	55122	57138	55479	2.73	cps
Barium	137-1	96286	95454	95403	95715	0.52	cps
Beryllium	9-1	70	64	80	71	11.33	cps
Bismuth	209-1	4219232	4191557	4297156	4235982	1.29	cps
Bismuth	209-2	2615307	2527118	2396852	2513092	4.37	cps
Boron	10-1	5688	5716	5634	5679	0.73	cps
Boron	11-1	27042	27617	28580	27746	2.80	cps
Bromine	81-1	24096	24868	26312	25092	4.48	cps
Cadmium	111-1	2480	2307	2279	2355	4.62	cps
Cadmium	106-1	3217	3050	2942	3070	4.51	cps
Cadmium	108-1	38	29	67	44	44.30	cps
Calcium	43-1	2101931	2154864	2162420	2139739	1.54	cps
Calcium	44-1	33518598	33886627	34284127	33896451	1.13	cps
Carbon	12-1	7093099	7527673	7955731	7525501	5.73	cps
Carbon	12-2	92626	93113	97122	94287	2.62	cps
Chlorine	35-1	4308349	4594044	4765092	4555828	5.07	cps
Chlorine	35-2	36347	37223	37224	36931	1.37	cps
Chromium	52-2	1153	1250	1137	1180	5.19	cps
Cobalt	59-2	877	940	813	877	7.22	cps
Copper	63-2	1547	1620	1607	1591	2.46	cps
Dysprosium	156-1	8	8	33	17	86.62	cps
Dysprosium	156-2	7	13	10	10	33.30	cps
Erbium	164-1	67	42	83	64	32.83	cps
Erbium	164-2	27	17	33	26	32.81	cps
Gadolinium	160-1	33	83	58	58	42.86	cps
Gadolinium	160-2	50	40	43	44	11.46	cps
Holmium	165-1	7742994	7778211	7952596	7824600	1.43	cps
Holmium	165-2	3991585	3800977	3655439	3816000	4.42	cps
Indium	115-1	7028065	7412199	7327355	7255873	2.78	cps
Indium	115-2	1159657	1123324	1120011	1134331	1.94	cps
Iron	54-2	2211	2189	2322	2241	3.19	cps
Iron	56-2	34971	33183	33278	33811	2.97	cps
Iron	57-2	3284	3067	3651	3334	8.85	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-19	Instrumnet Name :	P8
Client Sample ID :	MH1E29	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 19:36:01	DataFile Name :	128AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1140	1073	1237	1150	7.14	cps
Lead	206-1	3145	3467	3351	3321	4.91	cps
Lead	207-1	3056	2728	3067	2950	6.53	cps
Lead	208-1	13158	13536	13781	13492	2.32	cps
Lithium	6-1	3019953	3011971	2931123	2987682	1.64	cps
Magnesium	24-2	3783460	3597211	3573037	3651236	3.15	cps
Manganese	55-2	168329	165911	165180	166473	0.99	cps
Molybdenum	94-1	2109	1867	2200	2059	8.37	cps
Molybdenum	95-1	3292	2984	3384	3220	6.51	cps
Molybdenum	96-1	3275	3559	3584	3473	4.93	cps
Molybdenum	97-1	1867	1892	2142	1967	7.73	cps
Molybdenum	98-1	5301	4751	4851	4968	5.90	cps
Neodymium	150-1	27	7	7	13	86.58	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	1010	977	1020	1002	2.26	cps
Phosphorus	31-2	108	92	92	97	9.90	cps
Potassium	39-2	242116	239741	235770	239209	1.34	cps
Rhodium	103-1	6903770	6904352	7079173	6962432	1.45	cps
Rhodium	103-2	3464120	3430270	3433840	3442743	0.54	cps
Scandium	45-1	6050448	6135989	6268660	6151699	1.79	cps
Scandium	45-2	219186	216941	211095	215741	1.94	cps
Selenium	82-1	140	127	55	108	42.74	cps
Selenium	77-2	10	3	10	8	49.52	cps
Selenium	78-2	85	47	73	68	28.43	cps
Silicon	28-1	23870131	24560214	24323336	24251227	1.45	cps
Silver	107-1	208	142	167	172	19.56	cps
Silver	109-1	83	58	67	69	18.34	cps
Sodium	23-2	26392181	26259602	26475167	26375650	0.41	cps
Strontium	86-1	931023	915038	927644	924568	0.91	cps
Strontium	88-1	7866449	7706473	8006177	7859700	1.91	cps
Sulfur	34-1	1758816	1797970	1802330	1786372	1.34	cps
Terbium	159-1	8286755	8051250	7776671	8038225	3.18	cps
Terbium	159-2	3911798	3799314	3778164	3829759	1.88	cps
Thallium	203-1	350	325	225	300	22.05	cps
Thallium	205-1	775	558	617	650	17.25	cps
Tin	118-1	1442	1492	1575	1503	4.48	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-19	Instrumnet Name :	P8
Client Sample ID :	MH1E29	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 19:36:01	DataFile Name :	128AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	600	625	542	589	7.26	cps
Uranium	238-1	15744	15385	15710	15613	1.27	cps
Vanadium	51-2	357	363	407	376	7.23	cps
Ytterbium	172-1	33	42	50	42	20.00	cps
Ytterbium	172-2	17	22	17	19	17.30	cps
Ytterbium	176-1	650	608	808	689	15.32	cps
Ytterbium	176-2	3751	3973	4167	3964	5.26	cps
Yttrium	89-1	14226307	14301174	14295023	14274168	0.29	cps
Yttrium	89-2	1606272	1633907	1596779	1612319	1.20	cps
Zinc	66-2	58330	56911	56904	57382	1.43	cps
Zirconium	90-1	850	817	975	881	9.48	cps
Zirconium	91-1	175	233	192	200	15.02	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-20	Instrumnet Name :	P8
Client Sample ID :	MH1E31	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 19:38:57	DataFile Name :	129AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	294	310	272	292	6.44	cps
Antimony	121-1	20950	20533	20274	20586	1.66	cps
Arsenic	75-2	413	425	411	416	1.82	cps
Barium	135-1	54168	55172	52369	53903	2.63	cps
Barium	137-1	91084	95087	92493	92888	2.19	cps
Beryllium	9-1	72	70	80	74	7.14	cps
Bismuth	209-1	4194332	4198104	4372305	4254914	2.39	cps
Bismuth	209-2	2575825	2443621	2511081	2510176	2.63	cps
Boron	10-1	5388	5486	5902	5592	4.88	cps
Boron	11-1	25880	26649	28075	26868	4.15	cps
Bromine	81-1	24276	24246	26723	25082	5.67	cps
Cadmium	111-1	2159	2384	2386	2309	5.66	cps
Cadmium	106-1	2842	3134	3125	3034	5.47	cps
Cadmium	108-1	50	50	50	50	0.00	cps
Calcium	43-1	2064333	2098984	2163077	2108798	2.38	cps
Calcium	44-1	33084727	34349731	34016409	33816956	1.94	cps
Carbon	12-1	7139107	7770180	7842844	7584044	5.10	cps
Carbon	12-2	95707	94948	94933	95196	0.46	cps
Chlorine	35-1	3983621	4142560	4460887	4195689	5.79	cps
Chlorine	35-2	35294	35611	35720	35542	0.62	cps
Chromium	52-2	1103	1140	1060	1101	3.64	cps
Cobalt	59-2	810	867	713	797	9.73	cps
Copper	63-2	1757	1583	1507	1616	7.93	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	7	7	0	4	86.60	cps
Erbium	164-1	50	50	67	56	17.32	cps
Erbium	164-2	33	37	23	31	22.31	cps
Gadolinium	160-1	25	75	67	56	48.22	cps
Gadolinium	160-2	43	40	50	44	11.46	cps
Holmium	165-1	7265223	7630886	7611351	7502487	2.74	cps
Holmium	165-2	3858793	3725871	3760949	3781871	1.82	cps
Indium	115-1	6842330	7223461	7428002	7164598	4.15	cps
Indium	115-2	1121392	1130344	1121993	1124576	0.44	cps
Iron	54-2	2289	2172	2317	2259	3.39	cps
Iron	56-2	36324	36369	35550	36081	1.28	cps
Iron	57-2	3656	3812	3706	3725	2.13	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-20	Instrumnet Name :	P8
Client Sample ID :	MH1E31	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 19:38:57	DataFile Name :	129AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1017	1090	1157	1088	6.44	cps
Lead	206-1	3439	3439	3223	3367	3.72	cps
Lead	207-1	3056	2817	3117	2997	5.29	cps
Lead	208-1	13659	13525	13509	13564	0.61	cps
Lithium	6-1	2894950	2958239	2951040	2934743	1.18	cps
Magnesium	24-2	3714603	3775226	3581772	3690534	2.68	cps
Manganese	55-2	203024	196327	197201	198851	1.83	cps
Molybdenum	94-1	1867	2125	2042	2011	6.56	cps
Molybdenum	95-1	3117	2692	3175	2995	8.81	cps
Molybdenum	96-1	3492	3259	3634	3462	5.47	cps
Molybdenum	97-1	1984	2167	1817	1989	8.80	cps
Molybdenum	98-1	4801	5018	4818	4879	2.47	cps
Neodymium	150-1	20	13	20	18	21.66	cps
Neodymium	150-2	0	13	0	4	173.21	cps
Nickel	60-2	913	853	830	866	4.97	cps
Phosphorus	31-2	100	117	67	94	26.96	cps
Potassium	39-2	241963	242324	236734	240341	1.30	cps
Rhodium	103-1	6508003	6881999	6942948	6777650	3.47	cps
Rhodium	103-2	3453356	3296338	3359383	3369692	2.34	cps
Scandium	45-1	5849850	6040455	6108944	5999750	2.24	cps
Scandium	45-2	218458	217962	211957	216126	1.67	cps
Selenium	82-1	198	222	113	178	32.01	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	51	61	81	64	23.74	cps
Silicon	28-1	23018484	23245636	22990814	23084978	0.61	cps
Silver	107-1	108	175	167	150	24.22	cps
Silver	109-1	75	50	67	64	19.92	cps
Sodium	23-2	26718632	27670694	26326349	26905225	2.57	cps
Strontium	86-1	920061	925307	920409	921926	0.32	cps
Strontium	88-1	7810981	7687556	7616098	7704878	1.28	cps
Sulfur	34-1	1735816	1751054	1730071	1738980	0.62	cps
Terbium	159-1	7793860	8046590	8383365	8074605	3.66	cps
Terbium	159-2	3749715	3687907	3615095	3684239	1.83	cps
Thallium	203-1	283	217	267	256	13.58	cps
Thallium	205-1	725	642	742	703	7.62	cps
Tin	118-1	908	792	892	864	7.30	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-20	Instrumnet Name :	P8
Client Sample ID :	MH1E31	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 19:38:57	DataFile Name :	129AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	617	633	525	592	9.86	cps
Uranium	238-1	15627	15493	15911	15677	1.36	cps
Vanadium	51-2	423	373	407	401	6.35	cps
Ytterbium	172-1	33	50	42	42	20.00	cps
Ytterbium	172-2	17	22	11	17	33.33	cps
Ytterbium	176-1	658	675	883	739	16.97	cps
Ytterbium	176-2	3728	3867	4162	3919	5.65	cps
Yttrium	89-1	13729690	14052692	14079699	13954027	1.40	cps
Yttrium	89-2	1635434	1565733	1607470	1602879	2.19	cps
Zinc	66-2	62029	60144	58852	60342	2.65	cps
Zirconium	90-1	875	883	775	844	7.14	cps
Zirconium	91-1	108	217	217	181	34.64	cps

LB Number : LB117894 Operator : Jaswal
 Lab Sample ID : M5052-21 Instrumnet Name : P8
 Client Sample ID : MH1E31D Dilution Factor : 1
 Date & Time Acquired :: 2021-12-19 19:41:54 DataFile Name : 130AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	282	337	287	302	10.05	cps
Antimony	121-1	21108	21267	21267	21214	0.43	cps
Arsenic	75-2	419	449	418	429	4.11	cps
Barium	135-1	55792	55030	53414	54745	2.22	cps
Barium	137-1	91151	92198	93266	92205	1.15	cps
Beryllium	9-1	80	76	80	79	2.93	cps
Bismuth	209-1	4187061	4280876	4231779	4233239	1.11	cps
Bismuth	209-2	2549865	2435896	2490091	2491951	2.29	cps
Boron	10-1	5454	5550	5836	5613	3.54	cps
Boron	11-1	26395	28719	27915	27676	4.26	cps
Bromine	81-1	23364	25389	25690	24814	5.10	cps
Cadmium	111-1	2338	2311	2071	2240	6.55	cps
Cadmium	106-1	3092	3042	2659	2931	8.09	cps
Cadmium	108-1	38	63	21	40	52.07	cps
Calcium	43-1	2141568	2075716	2188664	2135316	2.66	cps
Calcium	44-1	34875944	33680564	34277852	34278120	1.74	cps
Carbon	12-1	7253719	7814415	8394763	7820965	7.30	cps
Carbon	12-2	99614	99496	99512	99541	0.06	cps
Chlorine	35-1	4036571	4192957	4499471	4243000	5.55	cps
Chlorine	35-2	33965	35553	36655	35391	3.82	cps
Chromium	52-2	1100	1030	1087	1072	3.47	cps
Cobalt	59-2	863	820	857	847	2.76	cps
Copper	63-2	1727	1623	1713	1688	3.33	cps
Dysprosium	156-1	25	42	8	25	66.68	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	50	42	83	58	37.80	cps
Erbium	164-2	10	23	37	23	57.15	cps
Gadolinium	160-1	58	42	33	44	28.65	cps
Gadolinium	160-2	67	50	37	51	29.41	cps
Holmium	165-1	7340721	7652374	7587602	7526899	2.18	cps
Holmium	165-2	3846288	3728901	3757439	3777542	1.62	cps
Indium	115-1	6873414	7042144	7001077	6972211	1.26	cps
Indium	115-2	1138498	1105880	1118339	1120906	1.47	cps
Iron	54-2	2245	2361	2122	2243	5.33	cps
Iron	56-2	36274	35768	36564	36202	1.11	cps
Iron	57-2	3462	3567	3517	3515	1.50	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-21	Instrumnet Name :	P8
Client Sample ID :	MH1E31D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 19:41:54	DataFile Name :	130AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1213	1227	1243	1228	1.22	cps
Lead	206-1	3512	3512	3489	3504	0.37	cps
Lead	207-1	2995	3012	3189	3065	3.52	cps
Lead	208-1	14248	13959	14181	14129	1.07	cps
Lithium	6-1	2867990	2938374	3086518	2964294	3.76	cps
Magnesium	24-2	3600637	3641768	3738338	3660248	1.93	cps
Manganese	55-2	199085	204818	201056	201653	1.44	cps
Molybdenum	94-1	2175	2050	1934	2053	5.89	cps
Molybdenum	95-1	3017	2942	3351	3103	7.01	cps
Molybdenum	96-1	3200	3309	3109	3206	3.12	cps
Molybdenum	97-1	1984	1808	1934	1909	4.72	cps
Molybdenum	98-1	4584	4876	4726	4729	3.09	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	830	797	807	811	2.11	cps
Phosphorus	31-2	92	117	83	97	17.84	cps
Potassium	39-2	238196	233439	239886	237174	1.41	cps
Rhodium	103-1	6394029	6517862	6655678	6522523	2.01	cps
Rhodium	103-2	3547469	3352855	3375381	3425235	3.11	cps
Scandium	45-1	6040497	5994239	5988232	6007656	0.48	cps
Scandium	45-2	219687	214134	213719	215847	1.54	cps
Selenium	82-1	113	18	56	62	77.61	cps
Selenium	77-2	3	7	0	3	100.05	cps
Selenium	78-2	56	52	65	58	11.54	cps
Silicon	28-1	22673059	23226473	24083153	23327562	3.05	cps
Silver	107-1	108	117	142	122	14.19	cps
Silver	109-1	58	75	75	69	13.85	cps
Sodium	23-2	26076333	27576415	26668409	26773719	2.82	cps
Strontium	86-1	914473	898510	939736	917573	2.27	cps
Strontium	88-1	7801071	7549290	7737715	7696025	1.70	cps
Sulfur	34-1	1758846	1713611	1774522	1748993	1.81	cps
Terbium	159-1	7952846	7840080	8018775	7937233	1.14	cps
Terbium	159-2	3751795	3676082	3779058	3735645	1.43	cps
Thallium	203-1	250	300	242	264	11.95	cps
Thallium	205-1	717	667	617	667	7.50	cps
Tin	118-1	775	692	875	781	11.76	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-21	Instrumnet Name :	P8
Client Sample ID :	MH1E31D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 19:41:54	DataFile Name :	130AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	642	542	725	636	14.43	cps
Uranium	238-1	15752	15835	16002	15863	0.80	cps
Vanadium	51-2	353	367	363	361	1.92	cps
Ytterbium	172-1	33	67	25	42	52.92	cps
Ytterbium	172-2	39	17	39	31	40.75	cps
Ytterbium	176-1	742	742	625	703	9.59	cps
Ytterbium	176-2	3595	4251	3873	3906	8.43	cps
Yttrium	89-1	14306272	13689591	13850164	13948676	2.29	cps
Yttrium	89-2	1593943	1622774	1578387	1598368	1.41	cps
Zinc	66-2	61256	61600	61721	61526	0.39	cps
Zirconium	90-1	800	933	933	889	8.66	cps
Zirconium	91-1	150	183	217	183	18.18	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-20LX5	Instrumnet Name :	P8
Client Sample ID :	MH1E31L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-19 19:44:50	DataFile Name :	131AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	210	227	196	211	7.41	cps
Antimony	121-1	3876	3776	3934	3862	2.07	cps
Arsenic	75-2	81	97	72	83	15.19	cps
Barium	135-1	9937	10071	10788	10265	4.46	cps
Barium	137-1	17086	17770	17520	17459	1.98	cps
Beryllium	9-1	60	70	78	69	13.01	cps
Bismuth	209-1	4231056	4037780	4129463	4132767	2.34	cps
Bismuth	209-2	2429248	2374040	2430414	2411234	1.34	cps
Boron	10-1	1984	1918	1944	1948	1.71	cps
Boron	11-1	9177	9073	9447	9232	2.09	cps
Bromine	81-1	18712	18612	18762	18695	0.41	cps
Cadmium	111-1	2105	2034	1965	2035	3.45	cps
Cadmium	106-1	2925	2842	2750	2839	3.08	cps
Cadmium	108-1	25	38	21	28	31.23	cps
Calcium	43-1	386040	388587	397342	390656	1.52	cps
Calcium	44-1	6445975	6517473	6315021	6426157	1.60	cps
Carbon	12-1	5849905	5902257	5965826	5905996	0.98	cps
Carbon	12-2	66191	68084	68150	67475	1.65	cps
Chlorine	35-1	3342196	3198918	3097111	3212742	3.83	cps
Chlorine	35-2	21116	19689	20482	20429	3.50	cps
Chromium	52-2	1003	957	940	967	3.40	cps
Cobalt	59-2	173	193	163	177	8.65	cps
Copper	63-2	863	853	863	860	0.67	cps
Dysprosium	156-1	17	17	25	19	24.73	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	50	58	42	50	16.67	cps
Erbium	164-2	10	37	13	20	72.66	cps
Gadolinium	160-1	50	83	42	58	37.80	cps
Gadolinium	160-2	40	47	30	39	21.57	cps
Holmium	165-1	7312052	7155864	7092249	7186722	1.57	cps
Holmium	165-2	3486442	3605584	3690018	3594015	2.85	cps
Indium	115-1	6649985	6860458	6625915	6712119	1.92	cps
Indium	115-2	1075545	1063433	1081935	1073637	0.88	cps
Iron	54-2	867	828	944	880	6.75	cps
Iron	56-2	10309	9403	9070	9594	6.69	cps
Iron	57-2	744	922	928	865	12.06	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-20LX5	Instrumnet Name :	P8
Client Sample ID :	MH1E31L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-19 19:44:50	DataFile Name :	131AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1050	1167	1133	1117	5.38	cps
Lead	206-1	956	1189	1100	1082	10.89	cps
Lead	207-1	1011	850	945	935	8.66	cps
Lead	208-1	4306	4678	4261	4415	5.18	cps
Lithium	6-1	2806944	2932844	2886603	2875464	2.21	cps
Magnesium	24-2	725370	706674	704314	712120	1.62	cps
Manganese	55-2	38235	37115	38301	37884	1.76	cps
Molybdenum	94-1	483	608	608	567	12.74	cps
Molybdenum	95-1	508	625	583	572	10.33	cps
Molybdenum	96-1	708	742	883	778	11.95	cps
Molybdenum	97-1	392	250	358	333	22.22	cps
Molybdenum	98-1	992	833	942	922	8.78	cps
Neodymium	150-1	20	7	27	18	57.27	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	193	233	183	203	13.01	cps
Phosphorus	31-2	50	125	92	89	42.27	cps
Potassium	39-2	61214	59423	59959	60199	1.53	cps
Rhodium	103-1	6443477	6492685	6435261	6457141	0.48	cps
Rhodium	103-2	3220166	3137885	3272920	3210324	2.12	cps
Scandium	45-1	5785290	5911631	5634965	5777295	2.40	cps
Scandium	45-2	197644	196389	201338	198457	1.30	cps
Selenium	82-1	175	43	63	94	75.91	cps
Selenium	77-2	10	0	0	3	173.21	cps
Selenium	78-2	49	66	59	58	14.73	cps
Silicon	28-1	4709161	4816740	4894991	4806964	1.94	cps
Silver	107-1	100	83	67	83	20.00	cps
Silver	109-1	33	50	67	50	33.34	cps
Sodium	23-2	5159615	5029234	5196275	5128375	1.71	cps
Strontium	86-1	169232	177340	178052	174875	2.80	cps
Strontium	88-1	1464058	1436750	1503441	1468083	2.28	cps
Sulfur	34-1	752924	750933	764114	755990	0.94	cps
Terbium	159-1	7581112	7567803	7697268	7615394	0.94	cps
Terbium	159-2	3605496	3691848	3532429	3609925	2.21	cps
Thallium	203-1	200	142	158	167	18.03	cps
Thallium	205-1	442	408	400	417	5.29	cps
Tin	118-1	1383	1342	1367	1364	1.54	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-20LX5	Instrumnet Name :	P8
Client Sample ID :	MH1E31L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-19 19:44:50	DataFile Name :	131AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	358	317	342	339	6.19	cps
Uranium	238-1	3075	2900	2942	2973	3.08	cps
Vanadium	51-2	83	70	57	70	19.04	cps
Ytterbium	172-1	33	8	42	28	62.46	cps
Ytterbium	172-2	22	11	0	11	100.00	cps
Ytterbium	176-1	608	567	658	611	7.51	cps
Ytterbium	176-2	3200	3484	3667	3451	6.82	cps
Yttrium	89-1	13504563	13365470	13417607	13429213	0.52	cps
Yttrium	89-2	1500818	1467048	1547984	1505283	2.70	cps
Zinc	66-2	12065	11265	11758	11696	3.45	cps
Zirconium	90-1	617	758	742	706	10.97	cps
Zirconium	91-1	142	133	133	136	3.53	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-22	Instrumnet Name :	P8
Client Sample ID :	MH1E31S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 19:47:50	DataFile Name :	132AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	86735	83979	87690	86135	2.24	cps
Antimony	121-1	417663	428744	434624	427010	2.02	cps
Arsenic	75-2	5864	5646	5969	5826	2.83	cps
Barium	135-1	2193231	2101381	2229913	2174842	3.04	cps
Barium	137-1	3631587	3730636	3744053	3702092	1.66	cps
Beryllium	9-1	60321	61807	62190	61439	1.61	cps
Bismuth	209-1	4124167	4228867	4170800	4174612	1.26	cps
Bismuth	209-2	2435259	2191887	1988734	2205293	10.14	cps
Boron	10-1	4906	5220	5378	5168	4.65	cps
Boron	11-1	23747	24892	25968	24869	4.47	cps
Bromine	81-1	22351	24517	26462	24443	8.41	cps
Cadmium	111-1	50628	49839	52184	50884	2.35	cps
Cadmium	106-1	7794	7027	7719	7513	5.63	cps
Cadmium	108-1	3234	3255	3338	3275	1.68	cps
Calcium	43-1	1909164	2024374	1970966	1968168	2.93	cps
Calcium	44-1	31806029	32842240	32115011	32254427	1.65	cps
Carbon	12-1	8171875	9023794	9346961	8847544	6.86	cps
Carbon	12-2	108250	107679	110145	108691	1.19	cps
Chlorine	35-1	6977821	7886676	8977186	7947228	12.60	cps
Chlorine	35-2	76435	79979	83566	79994	4.46	cps
Chromium	52-2	330706	313584	325107	323132	2.70	cps
Cobalt	59-2	1420709	1381263	1416488	1406153	1.54	cps
Copper	63-2	520657	502947	509169	510925	1.76	cps
Dysprosium	156-1	42	42	50	44	10.82	cps
Dysprosium	156-2	7	10	17	11	45.82	cps
Erbium	164-1	83	58	100	81	26.03	cps
Erbium	164-2	27	27	17	23	24.74	cps
Gadolinium	160-1	92	75	42	69	36.66	cps
Gadolinium	160-2	60	37	43	47	25.75	cps
Holmium	165-1	7444057	7705987	7257843	7469296	3.01	cps
Holmium	165-2	3840672	3349734	3062851	3417752	11.51	cps
Indium	115-1	6702887	6900180	6910455	6837840	1.71	cps
Indium	115-2	1126708	997301	919778	1014596	10.30	cps
Iron	54-2	79555	77610	80661	79275	1.95	cps
Iron	56-2	1272526	1185921	1228047	1228831	3.52	cps
Iron	57-2	33645	32532	34130	33436	2.45	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-22	Instrumnet Name :	P8
Client Sample ID :	MH1E31S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 19:47:50	DataFile Name :	132AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1033	1130	1223	1129	8.42	cps
Lead	206-1	52328	54805	54800	53978	2.65	cps
Lead	207-1	48676	50789	49696	49720	2.13	cps
Lead	208-1	214325	222044	221118	219162	1.92	cps
Lithium	6-1	2906124	2833319	3106895	2948779	4.80	cps
Magnesium	24-2	3524375	3436340	3536086	3498934	1.56	cps
Manganese	55-2	569305	540912	572217	560811	3.08	cps
Molybdenum	94-1	2034	1959	1959	1984	2.18	cps
Molybdenum	95-1	2959	3117	2725	2934	6.72	cps
Molybdenum	96-1	3359	3275	3242	3292	1.83	cps
Molybdenum	97-1	1733	1800	1884	1806	4.16	cps
Molybdenum	98-1	4084	4884	4909	4626	10.15	cps
Neodymium	150-1	53	67	140	87	53.84	cps
Neodymium	150-2	13	7	13	11	34.61	cps
Nickel	60-2	372773	357526	377687	369329	2.85	cps
Phosphorus	31-2	75	125	125	108	26.65	cps
Potassium	39-2	223295	214215	221387	219632	2.18	cps
Rhodium	103-1	6480669	6508859	6552692	6514073	0.56	cps
Rhodium	103-2	3439441	3106993	2792682	3113039	10.39	cps
Scandium	45-1	5997383	6075977	5961651	6011670	0.97	cps
Scandium	45-2	212377	191046	175130	192851	9.69	cps
Selenium	82-1	7767	7531	7652	7650	1.55	cps
Selenium	77-2	270	247	300	272	9.82	cps
Selenium	78-2	888	880	901	890	1.19	cps
Silicon	28-1	21237121	21110279	22018706	21455368	2.29	cps
Silver	107-1	171621	180974	182889	178495	3.38	cps
Silver	109-1	168293	173463	179813	173856	3.32	cps
Sodium	23-2	25095445	24512880	25090108	24899478	1.34	cps
Strontium	86-1	841776	866674	853701	854050	1.46	cps
Strontium	88-1	7198145	7037511	7045827	7093827	1.27	cps
Sulfur	34-1	1598368	1604795	1676045	1626403	2.65	cps
Terbium	159-1	7677522	7930017	7832537	7813358	1.63	cps
Terbium	159-2	3766741	3295891	3193918	3418850	8.94	cps
Thallium	203-1	159194	164113	164246	162517	1.77	cps
Thallium	205-1	376189	378406	393811	382802	2.51	cps
Tin	118-1	1242	975	1342	1186	15.98	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-22	Instrumnet Name :	P8
Client Sample ID :	MH1E31S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 19:47:50	DataFile Name :	132AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	575	567	517	553	5.71	cps
Uranium	238-1	14692	14801	15109	14867	1.46	cps
Vanadium	51-2	669293	642721	658689	656901	2.04	cps
Ytterbium	172-1	33	50	42	42	20.00	cps
Ytterbium	172-2	17	22	28	22	25.00	cps
Ytterbium	176-1	733	633	700	689	7.39	cps
Ytterbium	176-2	3662	3284	3351	3432	5.88	cps
Yttrium	89-1	13961083	13365898	13720101	13682360	2.19	cps
Yttrium	89-2	1576642	1397903	1285232	1419925	10.35	cps
Zinc	66-2	161726	153733	155923	157127	2.63	cps
Zirconium	90-1	617	825	967	803	21.93	cps
Zirconium	91-1	267	158	258	228	26.47	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-18	Instrumnet Name :	P8
Client Sample ID :	MH1E27	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 19:50:45	DataFile Name :	133AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	236	275	272	261	8.30	cps
Antimony	121-1	9420	9996	9670	9695	2.98	cps
Arsenic	75-2	333	353	343	343	2.92	cps
Barium	135-1	57013	59875	59314	58734	2.58	cps
Barium	137-1	97207	102658	105237	101701	4.03	cps
Beryllium	9-1	82	78	84	81	3.75	cps
Bismuth	209-1	4007056	4341073	4126512	4158214	4.07	cps
Bismuth	209-2	2442852	2270053	2459452	2390786	4.39	cps
Boron	10-1	5118	5666	5510	5431	5.20	cps
Boron	11-1	25425	26677	27468	26523	3.88	cps
Bromine	81-1	24477	27646	26623	26249	6.16	cps
Cadmium	111-1	2265	2668	2427	2454	8.27	cps
Cadmium	106-1	2817	3359	3117	3098	8.76	cps
Cadmium	108-1	46	29	54	43	29.56	cps
Calcium	43-1	2338008	2443414	2301500	2360974	3.12	cps
Calcium	44-1	38710937	39568495	38420134	38899856	1.53	cps
Carbon	12-1	7279415	7721130	8199914	7733486	5.95	cps
Carbon	12-2	98781	98682	98549	98671	0.12	cps
Chlorine	35-1	6032050	6313782	6371516	6239116	2.91	cps
Chlorine	35-2	48181	47320	47529	47676	0.94	cps
Chromium	52-2	1870	1797	1890	1852	2.65	cps
Cobalt	59-2	453	457	467	459	1.51	cps
Copper	63-2	2044	2060	2034	2046	0.66	cps
Dysprosium	156-1	42	17	8	22	78.07	cps
Dysprosium	156-2	7	7	20	11	69.25	cps
Erbium	164-1	58	42	58	53	18.23	cps
Erbium	164-2	27	10	23	20	44.10	cps
Gadolinium	160-1	25	25	50	33	43.30	cps
Gadolinium	160-2	63	67	67	66	2.94	cps
Holmium	165-1	7399669	7419765	7677842	7499092	2.07	cps
Holmium	165-2	3764625	3555877	3709210	3676571	2.94	cps
Indium	115-1	6794017	6918091	7002493	6904867	1.52	cps
Indium	115-2	1112643	1091798	1090840	1098427	1.12	cps
Iron	54-2	1133	1167	1150	1150	1.45	cps
Iron	56-2	14129	15114	14252	14498	3.70	cps
Iron	57-2	3162	3128	3362	3217	3.92	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-18	Instrumnet Name :	P8
Client Sample ID :	MH1E27	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 19:50:45	DataFile Name :	133AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1150	1190	1073	1138	5.21	cps
Lead	206-1	7052	7085	7163	7100	0.80	cps
Lead	207-1	6168	6452	6052	6224	3.31	cps
Lead	208-1	28213	29903	28813	28976	2.96	cps
Lithium	6-1	2916422	2858548	2913000	2895990	1.12	cps
Magnesium	24-2	4638431	4628553	4638130	4635038	0.12	cps
Manganese	55-2	51650	50309	50118	50692	1.65	cps
Molybdenum	94-1	1183	1242	1358	1261	7.07	cps
Molybdenum	95-1	1583	1784	1650	1672	6.09	cps
Molybdenum	96-1	1917	2034	1859	1936	4.60	cps
Molybdenum	97-1	925	892	850	889	4.23	cps
Molybdenum	98-1	2542	2325	2992	2620	12.98	cps
Neodymium	150-1	47	13	33	31	53.94	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	643	600	667	637	5.31	cps
Phosphorus	31-2	150	142	83	125	29.06	cps
Potassium	39-2	219478	215177	216689	217115	1.01	cps
Rhodium	103-1	6701907	6548636	6677295	6642613	1.24	cps
Rhodium	103-2	3275755	3181660	3252844	3236753	1.52	cps
Scandium	45-1	5954184	6118502	6044455	6039047	1.36	cps
Scandium	45-2	213911	209090	208588	210529	1.40	cps
Selenium	82-1	118	72	250	147	62.83	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	57	65	66	63	7.87	cps
Silicon	28-1	19588431	20600064	21155885	20448127	3.89	cps
Silver	107-1	775	533	417	575	31.78	cps
Silver	109-1	600	425	408	478	22.22	cps
Sodium	23-2	26432408	26196930	25152671	25927337	2.63	cps
Strontium	86-1	1139279	1201414	1244174	1194956	4.41	cps
Strontium	88-1	9700441	10250908	10109552	10020300	2.85	cps
Sulfur	34-1	1790514	1925131	1893728	1869791	3.77	cps
Terbium	159-1	7843235	7848965	7848928	7847043	0.04	cps
Terbium	159-2	3720937	3604456	3649311	3658235	1.61	cps
Thallium	203-1	392	475	392	419	11.47	cps
Thallium	205-1	850	1050	808	903	14.31	cps
Tin	118-1	2250	2484	2142	2292	7.62	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5052-18	Instrumnet Name :	P8
Client Sample ID :	MH1E27	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 19:50:45	DataFile Name :	133AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	458	533	500	497	7.56	cps
Uranium	238-1	15201	17104	16344	16216	5.91	cps
Vanadium	51-2	857	897	953	902	5.38	cps
Ytterbium	172-1	58	33	50	47	26.96	cps
Ytterbium	172-2	22	11	22	19	34.64	cps
Ytterbium	176-1	758	675	592	675	12.35	cps
Ytterbium	176-2	3728	3751	3890	3789	2.30	cps
Yttrium	89-1	13740100	13899241	14042857	13894066	1.09	cps
Yttrium	89-2	1575618	1532842	1565068	1557843	1.43	cps
Zinc	66-2	24204	23720	23940	23955	1.01	cps
Zirconium	90-1	892	1092	883	956	12.34	cps
Zirconium	91-1	242	183	217	214	13.68	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-20	Instrumnet Name :	P8
Client Sample ID :	MH1F88S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 19:53:43	DataFile Name :	134AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	90431	89820	89991	90081	0.35	cps
Antimony	121-1	474577	489045	499219	487614	2.54	cps
Arsenic	75-2	6859	7017	6755	6877	1.92	cps
Barium	135-1	2179316	2161252	2224319	2188296	1.48	cps
Barium	137-1	3629156	3706844	3813030	3716343	2.48	cps
Beryllium	9-1	61720	62732	63908	62787	1.74	cps
Bismuth	209-1	3846966	4059494	4039891	3982117	2.95	cps
Bismuth	209-2	2338726	2301586	2305930	2315414	0.88	cps
Boron	10-1	7661	8217	8691	8189	6.30	cps
Boron	11-1	37633	41563	43217	40804	7.03	cps
Bromine	81-1	22371	21970	22612	22318	1.45	cps
Cadmium	111-1	57797	57110	58526	57811	1.23	cps
Cadmium	106-1	8178	8011	7169	7786	6.95	cps
Cadmium	108-1	3713	3780	4076	3856	5.00	cps
Calcium	43-1	2528387	2634547	2585049	2582661	2.06	cps
Calcium	44-1	41473223	42665486	42203228	42113979	1.43	cps
Carbon	12-1	8821112	9450348	9491255	9254239	4.06	cps
Carbon	12-2	108324	111103	113034	110820	2.14	cps
Chlorine	35-1	9811017	11211799	12339931	11120915	11.39	cps
Chlorine	35-2	103520	107850	109916	107095	3.05	cps
Chromium	52-2	324016	327655	327547	326406	0.63	cps
Cobalt	59-2	1434765	1401218	1423520	1419834	1.20	cps
Copper	63-2	555872	544414	551973	550753	1.06	cps
Dysprosium	156-1	175	175	192	181	5.33	cps
Dysprosium	156-2	77	97	67	80	19.09	cps
Erbium	164-1	83	117	117	106	18.23	cps
Erbium	164-2	60	50	43	51	16.42	cps
Gadolinium	160-1	225	192	142	186	22.54	cps
Gadolinium	160-2	107	133	133	124	12.37	cps
Holmium	165-1	7165957	7324786	7149370	7213371	1.34	cps
Holmium	165-2	3558666	3673005	3608613	3613428	1.59	cps
Indium	115-1	6457932	6547690	6478934	6494852	0.72	cps
Indium	115-2	1040085	1056121	1070431	1055546	1.44	cps
Iron	54-2	98980	94897	95373	96417	2.32	cps
Iron	56-2	1556981	1595374	1585475	1579277	1.26	cps
Iron	57-2	42068	41371	41466	41635	0.91	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-20	Instrumnet Name :	P8
Client Sample ID :	MH1F88S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 19:53:43	DataFile Name :	134AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1213	1230	1127	1190	4.66	cps
Lead	206-1	503356	525492	527544	518798	2.59	cps
Lead	207-1	451407	455220	463219	456615	1.32	cps
Lead	208-1	2056440	2107699	2141401	2101847	2.04	cps
Lithium	6-1	2746503	2861594	2803855	2803984	2.05	cps
Magnesium	24-2	4841951	4840646	4810234	4830943	0.37	cps
Manganese	55-2	461387	445837	444128	450451	2.11	cps
Molybdenum	94-1	2192	2209	1884	2095	8.74	cps
Molybdenum	95-1	2734	2625	2450	2603	5.49	cps
Molybdenum	96-1	2917	3075	3275	3089	5.81	cps
Molybdenum	97-1	1850	1725	1984	1853	6.97	cps
Molybdenum	98-1	4109	4759	4501	4456	7.35	cps
Neodymium	150-1	227	247	253	242	5.73	cps
Neodymium	150-2	50	50	60	53	10.83	cps
Nickel	60-2	367928	377805	367098	370944	1.61	cps
Phosphorus	31-2	208	192	217	206	6.19	cps
Potassium	39-2	496248	493001	492342	493864	0.42	cps
Rhodium	103-1	6120537	6392592	6404316	6305815	2.55	cps
Rhodium	103-2	3207477	3197237	3209122	3204612	0.20	cps
Scandium	45-1	5763551	5707861	5794792	5755401	0.77	cps
Scandium	45-2	203497	206600	205708	205268	0.78	cps
Selenium	82-1	7596	7764	8003	7788	2.62	cps
Selenium	77-2	303	237	297	279	13.17	cps
Selenium	78-2	886	957	948	930	4.16	cps
Silicon	28-1	25018991	25797720	25060433	25292382	1.73	cps
Silver	107-1	185660	189052	196499	190404	2.91	cps
Silver	109-1	171501	184872	185253	180542	4.34	cps
Sodium	23-2	42643325	43823600	42494483	42987136	1.69	cps
Strontium	86-1	1177699	1248750	1249549	1225333	3.37	cps
Strontium	88-1	10203542	10209295	10472284	10295040	1.49	cps
Sulfur	34-1	1918062	1959009	1960700	1945923	1.24	cps
Terbium	159-1	7570051	7611302	7854984	7678779	2.01	cps
Terbium	159-2	3406332	3626135	3590478	3540982	3.33	cps
Thallium	203-1	163358	167205	167280	165947	1.35	cps
Thallium	205-1	393717	395231	389392	392780	0.77	cps
Tin	118-1	2250	2309	2409	2322	3.45	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5050-20	Instrumnet Name :	P8
Client Sample ID :	MH1F88S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 19:53:43	DataFile Name :	134AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2100	2184	2617	2300	12.06	cps
Uranium	238-1	20793	22212	21602	21536	3.31	cps
Vanadium	51-2	679539	658779	664020	667446	1.62	cps
Ytterbium	172-1	42	50	92	61	43.83	cps
Ytterbium	172-2	28	28	11	22	43.31	cps
Ytterbium	176-1	633	700	733	689	7.39	cps
Ytterbium	176-2	3156	3734	3762	3551	9.63	cps
Yttrium	89-1	13235407	13162218	13303843	13233823	0.54	cps
Yttrium	89-2	1496804	1528786	1549453	1525015	1.74	cps
Zinc	66-2	477757	467070	471825	472217	1.13	cps
Zirconium	90-1	1550	1583	1367	1500	7.78	cps
Zirconium	91-1	467	400	433	433	7.69	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-22	Instrumnet Name :	P8
Client Sample ID :	MH1E72S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 19:58:13	DataFile Name :	135AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	96814	96050	94585	95816	1.18	cps
Antimony	121-1	473000	486540	492051	483864	2.03	cps
Arsenic	75-2	7096	6705	6865	6889	2.85	cps
Barium	135-1	2426769	2498238	2410191	2445066	1.91	cps
Barium	137-1	4167799	4142118	4021500	4110473	1.90	cps
Beryllium	9-1	67029	68272	70305	68535	2.41	cps
Bismuth	209-1	4373283	4371426	4226366	4323691	1.95	cps
Bismuth	209-2	2549727	2449692	2440382	2479934	2.44	cps
Boron	10-1	5136	5526	5568	5410	4.40	cps
Boron	11-1	25513	26399	27679	26530	4.10	cps
Bromine	81-1	22231	23474	24296	23334	4.46	cps
Cadmium	111-1	56254	58489	58477	57740	2.23	cps
Cadmium	106-1	7661	7978	9028	8222	8.71	cps
Cadmium	108-1	3684	3934	3513	3710	5.71	cps
Calcium	43-1	2217169	2212295	2196694	2208719	0.48	cps
Calcium	44-1	36018215	36929915	36694831	36547654	1.30	cps
Carbon	12-1	6263972	6904644	6936303	6701640	5.66	cps
Carbon	12-2	85567	85265	87302	86045	1.28	cps
Chlorine	35-1	9756759	11390171	12247359	11131429	11.37	cps
Chlorine	35-2	103494	104778	105031	104434	0.79	cps
Chromium	52-2	360160	346865	349562	352196	2.00	cps
Cobalt	59-2	1580034	1566916	1597940	1581630	0.98	cps
Copper	63-2	572302	573204	555620	567042	1.75	cps
Dysprosium	156-1	83	42	25	50	60.09	cps
Dysprosium	156-2	43	23	33	33	30.00	cps
Erbium	164-1	92	167	117	125	30.55	cps
Erbium	164-2	43	40	27	37	24.04	cps
Gadolinium	160-1	83	117	108	103	16.88	cps
Gadolinium	160-2	87	70	97	84	15.95	cps
Holmium	165-1	7702604	7875253	7915081	7830979	1.44	cps
Holmium	165-2	3930592	3929336	3766453	3875461	2.44	cps
Indium	115-1	7104723	7245595	7239108	7196475	1.11	cps
Indium	115-2	1141662	1144732	1130496	1138963	0.66	cps
Iron	54-2	107436	107268	104163	106289	1.73	cps
Iron	56-2	1781749	1793710	1705655	1760371	2.71	cps
Iron	57-2	45651	45306	44687	45215	1.08	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-22	Instrumnet Name :	P8
Client Sample ID :	MH1E72S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 19:58:13	DataFile Name :	135AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1163	1043	1250	1152	9.01	cps
Lead	206-1	147405	151167	148987	149186	1.27	cps
Lead	207-1	129265	132290	130576	130710	1.16	cps
Lead	208-1	587445	610737	604871	601017	2.02	cps
Lithium	6-1	2857515	2952616	3084046	2964725	3.84	cps
Magnesium	24-2	4176730	3917257	3911646	4001878	3.78	cps
Manganese	55-2	530522	531231	528507	530086	0.27	cps
Molybdenum	94-1	2350	2475	2075	2300	8.90	cps
Molybdenum	95-1	2400	3125	2792	2773	13.09	cps
Molybdenum	96-1	3617	3459	3250	3442	5.34	cps
Molybdenum	97-1	1859	1750	1800	1803	3.01	cps
Molybdenum	98-1	4409	4301	4526	4412	2.55	cps
Neodymium	150-1	287	200	187	224	24.19	cps
Neodymium	150-2	50	53	30	44	28.39	cps
Nickel	60-2	411054	396195	398335	401862	2.00	cps
Phosphorus	31-2	192	225	242	219	11.60	cps
Potassium	39-2	259881	261471	256908	259420	0.89	cps
Rhodium	103-1	6756934	6951404	7022879	6910406	1.99	cps
Rhodium	103-2	3503799	3487451	3396944	3462732	1.66	cps
Scandium	45-1	5993327	6363675	6282863	6213288	3.13	cps
Scandium	45-2	214593	215134	215555	215094	0.22	cps
Selenium	82-1	8433	9078	8836	8782	3.71	cps
Selenium	77-2	263	293	330	296	11.30	cps
Selenium	78-2	945	941	927	938	1.01	cps
Silicon	28-1	26265834	26867301	26676738	26603291	1.16	cps
Silver	107-1	196102	205592	200507	200734	2.37	cps
Silver	109-1	189482	190457	191720	190553	0.59	cps
Sodium	23-2	28009248	26921217	26640045	27190170	2.66	cps
Strontium	86-1	994822	1024500	1060900	1026741	3.22	cps
Strontium	88-1	8418280	8784990	8858026	8687098	2.71	cps
Sulfur	34-1	1812933	1822457	1827896	1821095	0.42	cps
Terbium	159-1	7963054	8063272	8222385	8082904	1.62	cps
Terbium	159-2	3913477	3670662	3766449	3783529	3.23	cps
Thallium	203-1	177426	180123	173575	177042	1.86	cps
Thallium	205-1	426722	435864	435137	432574	1.17	cps
Tin	118-1	2075	2100	2134	2103	1.39	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5047-22	Instrumnet Name :	P8
Client Sample ID :	MH1E72S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 19:58:13	DataFile Name :	135AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1458	1433	1617	1503	6.62	cps
Uranium	238-1	16378	16478	16561	16472	0.56	cps
Vanadium	51-2	730197	743880	731274	735117	1.03	cps
Ytterbium	172-1	33	42	33	36	13.33	cps
Ytterbium	172-2	33	17	39	30	39.02	cps
Ytterbium	176-1	783	650	725	719	9.29	cps
Ytterbium	176-2	3940	3873	4017	3943	1.83	cps
Yttrium	89-1	14118217	14808795	14332193	14419735	2.45	cps
Yttrium	89-2	1665061	1617451	1560026	1614179	3.26	cps
Zinc	66-2	181677	179266	179212	180052	0.78	cps
Zirconium	90-1	1383	1375	1417	1392	1.58	cps
Zirconium	91-1	350	325	483	386	22.05	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-22	Instrumnet Name :	P8
Client Sample ID :	MH1F12S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 20:04:04	DataFile Name :	137AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92702	91257	89951	91303	1.51	cps
Antimony	121-1	483578	499264	495841	492894	1.67	cps
Arsenic	75-2	6703	6678	6548	6643	1.25	cps
Barium	135-1	2219105	2282226	2384503	2295278	3.64	cps
Barium	137-1	3717166	3797374	3875622	3796720	2.09	cps
Beryllium	9-1	61751	62815	62590	62385	0.90	cps
Bismuth	209-1	3954500	4044093	4137184	4045259	2.26	cps
Bismuth	209-2	2313004	2427516	2374757	2371759	2.42	cps
Boron	10-1	5834	6018	6046	5966	1.93	cps
Boron	11-1	28085	28809	29340	28745	2.19	cps
Bromine	81-1	25049	28438	27997	27161	6.78	cps
Cadmium	111-1	59299	59994	59905	59733	0.63	cps
Cadmium	106-1	8853	8119	7894	8289	6.05	cps
Cadmium	108-1	4088	3921	3967	3992	2.16	cps
Calcium	43-1	2775707	2914522	2780037	2823422	2.80	cps
Calcium	44-1	45230794	46584992	45341074	45718953	1.64	cps
Carbon	12-1	7281839	7326537	7717047	7441807	3.22	cps
Carbon	12-2	91233	91015	92492	91580	0.87	cps
Chlorine	35-1	13998061	15564606	16478989	15347219	8.18	cps
Chlorine	35-2	131747	134404	133867	133339	1.05	cps
Chromium	52-2	333364	333340	329438	332047	0.68	cps
Cobalt	59-2	1477611	1508864	1422514	1469663	2.97	cps
Copper	63-2	537403	540131	541615	539716	0.40	cps
Dysprosium	156-1	158	50	67	92	63.64	cps
Dysprosium	156-2	37	33	43	38	13.48	cps
Erbium	164-1	33	92	142	89	61.00	cps
Erbium	164-2	47	33	77	52	42.50	cps
Gadolinium	160-1	100	83	92	92	9.09	cps
Gadolinium	160-2	63	133	43	80	59.08	cps
Holmium	165-1	7166988	7253900	7555912	7325600	2.79	cps
Holmium	165-2	3582642	3603331	3615670	3600548	0.46	cps
Indium	115-1	6813634	6697466	6913772	6808291	1.59	cps
Indium	115-2	1057785	1079536	1070553	1069291	1.02	cps
Iron	54-2	95709	95547	91330	94195	2.64	cps
Iron	56-2	1570518	1500177	1522636	1531111	2.35	cps
Iron	57-2	40190	38892	39890	39657	1.71	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-22	Instrumnet Name :	P8
Client Sample ID :	MH1F12S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 20:04:04	DataFile Name :	137AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1230	1050	1173	1151	8.00	cps
Lead	206-1	272132	273401	276839	274124	0.89	cps
Lead	207-1	242288	242956	245353	243533	0.66	cps
Lead	208-1	1080062	1101490	1131292	1104281	2.33	cps
Lithium	6-1	2803167	2894230	2893218	2863538	1.83	cps
Magnesium	24-2	5113210	5167909	5058373	5113164	1.07	cps
Manganese	55-2	477539	478613	465238	473796	1.57	cps
Molybdenum	94-1	2659	2617	2400	2559	5.42	cps
Molybdenum	95-1	3234	2909	2784	2975	7.81	cps
Molybdenum	96-1	3292	3901	3742	3645	8.66	cps
Molybdenum	97-1	2034	1950	1909	1964	3.24	cps
Molybdenum	98-1	5143	5543	5043	5243	5.05	cps
Neodymium	150-1	267	187	173	209	24.17	cps
Neodymium	150-2	37	53	37	42	22.78	cps
Nickel	60-2	379269	378194	374389	377284	0.68	cps
Phosphorus	31-2	150	183	150	161	11.95	cps
Potassium	39-2	262663	258888	258859	260137	0.84	cps
Rhodium	103-1	6464649	6588858	6614874	6556127	1.22	cps
Rhodium	103-2	3189641	3256379	3201963	3215995	1.10	cps
Scandium	45-1	5700731	5887323	5803016	5797023	1.61	cps
Scandium	45-2	205208	208821	203926	205985	1.23	cps
Selenium	82-1	7590	8024	7969	7861	3.01	cps
Selenium	77-2	257	243	240	247	3.57	cps
Selenium	78-2	856	890	852	866	2.41	cps
Silicon	28-1	27163886	26461691	26719878	26781818	1.33	cps
Silver	107-1	183801	184802	187455	185353	1.02	cps
Silver	109-1	176907	180589	181724	179740	1.40	cps
Sodium	23-2	36992309	36239136	36447391	36559612	1.06	cps
Strontium	86-1	1307735	1316466	1385402	1336534	3.18	cps
Strontium	88-1	11246823	11560268	11371514	11392868	1.39	cps
Sulfur	34-1	2137965	2210325	2260939	2203076	2.81	cps
Terbium	159-1	7634820	8065303	7736960	7812361	2.88	cps
Terbium	159-2	3547338	3567886	3566335	3560520	0.32	cps
Thallium	203-1	166522	167660	166946	167043	0.34	cps
Thallium	205-1	389628	386267	394150	390015	1.01	cps
Tin	118-1	1834	1700	1800	1778	3.90	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	M5048-22	Instrumnet Name :	P8
Client Sample ID :	MH1F12S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 20:04:04	DataFile Name :	137AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2059	2075	2250	2128	4.99	cps
Uranium	238-1	24332	24450	25459	24747	2.50	cps
Vanadium	51-2	681635	674320	671934	675963	0.75	cps
Ytterbium	172-1	8	58	42	36	70.51	cps
Ytterbium	172-2	33	11	17	20	56.76	cps
Ytterbium	176-1	592	683	675	650	7.80	cps
Ytterbium	176-2	3428	3762	3940	3710	7.00	cps
Yttrium	89-1	13603245	14255106	13801596	13886649	2.41	cps
Yttrium	89-2	1473160	1561554	1484328	1506347	3.20	cps
Zinc	66-2	604062	600978	580802	595280	2.12	cps
Zirconium	90-1	1475	1375	1608	1486	7.88	cps
Zirconium	91-1	475	425	400	433	8.81	cps

LB Number : LB117894 Operator : Jaswal
 Lab Sample ID : CCV076 Instrumnet Name : P8
 Client Sample ID : CCV076 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-19 20:15:13 DataFile Name : 140CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2293642	2232436	2184989	2237022	2.44	cps
Antimony	121-1	2096117	2116749	2134604	2115823	0.91	cps
Arsenic	75-2	70649	71262	71346	71086	0.54	cps
Barium	135-1	2737378	2737131	2752774	2742428	0.33	cps
Barium	137-1	4875150	4545502	4630800	4683817	3.65	cps
Beryllium	9-1	629831	623828	637823	630494	1.11	cps
Bismuth	209-1	4280270	4291625	4243370	4271755	0.59	cps
Bismuth	209-2	2467905	2476433	2498202	2480847	0.63	cps
Boron	10-1	72304	71793	74698	72932	2.13	cps
Boron	11-1	340383	356874	365337	354198	3.58	cps
Bromine	81-1	15344	15214	14122	14893	4.51	cps
Cadmium	111-1	506248	487411	512503	502054	2.60	cps
Cadmium	106-1	60434	57822	56425	58227	3.49	cps
Cadmium	108-1	37455	38838	38884	38393	2.12	cps
Calcium	43-1	4495610	4460093	4436043	4463915	0.67	cps
Calcium	44-1	73890999	73631486	71446984	72989823	1.84	cps
Carbon	12-1	6037701	5882328	5960018	5960016	1.30	cps
Carbon	12-2	75479	74398	75855	75244	1.00	cps
Chlorine	35-1	1453746	1463315	1438490	1451850	0.86	cps
Chlorine	35-2	9820	10646	10020	10162	4.24	cps
Chromium	52-2	825717	822668	830581	826322	0.48	cps
Cobalt	59-2	1400613	1415151	1440902	1418889	1.44	cps
Copper	63-2	10740467	10700294	10883971	10774911	0.90	cps
Dysprosium	156-1	533	433	533	500	11.55	cps
Dysprosium	156-2	203	243	227	224	8.95	cps
Erbium	164-1	150	150	142	147	3.27	cps
Erbium	164-2	93	63	63	73	23.62	cps
Gadolinium	160-1	508	617	483	536	13.22	cps
Gadolinium	160-2	293	290	290	291	0.66	cps
Holmium	165-1	7869699	7805126	7718865	7797897	0.97	cps
Holmium	165-2	3914485	4023837	4056458	3998260	1.86	cps
Indium	115-1	7127490	7041957	7211101	7126849	1.19	cps
Indium	115-2	1135092	1154595	1172478	1154055	1.62	cps
Iron	54-2	8391081	8647635	8485110	8507942	1.53	cps
Iron	56-2	152300820	154291837	152870748	153154468	0.67	cps
Iron	57-2	3799844	3900869	3948838	3883184	1.96	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	CCV076	Instrumnet Name :	P8
Client Sample ID :	CCV076	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 20:15:13	DataFile Name :	140CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1183	1213	1167	1188	1.99	cps
Lead	206-1	6801009	6950522	6915627	6889052	1.14	cps
Lead	207-1	5965114	6153736	5982346	6033732	1.73	cps
Lead	208-1	27568776	27835606	27463266	27622549	0.69	cps
Lithium	6-1	3013422	2796959	2951176	2920519	3.82	cps
Magnesium	24-2	34402437	34316635	33520567	34079880	1.43	cps
Manganese	55-2	3860142	4112638	4065242	4012674	3.34	cps
Molybdenum	94-1	9024572	9046922	9197368	9089620	1.03	cps
Molybdenum	95-1	13019172	13246912	13346170	13204085	1.27	cps
Molybdenum	96-1	14579463	14175039	14692606	14482369	1.88	cps
Molybdenum	97-1	8232171	8016830	8425681	8224894	2.49	cps
Molybdenum	98-1	21890127	21366320	22398177	21884875	2.36	cps
Neodymium	150-1	293	233	207	244	18.16	cps
Neodymium	150-2	80	57	40	59	34.12	cps
Nickel	60-2	394314	390813	389265	391464	0.66	cps
Phosphorus	31-2	22952	23536	24413	23634	3.11	cps
Potassium	39-2	12320232	12763772	12786633	12623546	2.08	cps
Rhodium	103-1	6980654	6787349	6796865	6854956	1.59	cps
Rhodium	103-2	3311233	3389856	3373648	3358246	1.24	cps
Scandium	45-1	6207875	6447602	6105997	6253825	2.80	cps
Scandium	45-2	214712	215674	219395	216594	1.14	cps
Selenium	82-1	45121	44888	45490	45166	0.67	cps
Selenium	77-2	1257	1153	1220	1210	4.33	cps
Selenium	78-2	4488	4476	4395	4453	1.14	cps
Silicon	28-1	2863847	2960581	2939781	2921403	1.74	cps
Silver	107-1	2684096	2604640	2656717	2648484	1.52	cps
Silver	109-1	2462059	2542126	2470583	2491589	1.76	cps
Sodium	23-2	66732935	68235068	67932879	67633627	1.17	cps
Strontium	86-1	8577732	8349908	8892374	8606671	3.16	cps
Strontium	88-1	73554977	73809583	73033302	73465954	0.54	cps
Sulfur	34-1	695452	675104	684438	684998	1.49	cps
Terbium	159-1	8316438	8274552	8517491	8369493	1.55	cps
Terbium	159-2	3732853	3929956	4145216	3936008	5.24	cps
Thallium	203-1	1662914	1686846	1759680	1703147	2.96	cps
Thallium	205-1	3958141	3938446	4121492	4006026	2.51	cps
Tin	118-1	1895593	1838071	1877749	1870471	1.57	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	CCV076	Instrumnet Name :	P8
Client Sample ID :	CCV076	Dilution Factor :	1
Date & Time Acquired ::	2021-12-19 20:15:13	DataFile Name :	140CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4682272	4741803	4810188	4744754	1.35	cps
Uranium	238-1	5410687	5330303	5290438	5343809	1.15	cps
Vanadium	51-2	682005	695756	687789	688516	1.00	cps
Ytterbium	172-1	67	83	42	64	32.83	cps
Ytterbium	172-2	33	44	17	31	44.41	cps
Ytterbium	176-1	8586	7969	7727	8094	5.47	cps
Ytterbium	176-2	7263	7480	7975	7573	4.82	cps
Yttrium	89-1	14939959	14777365	14162459	14626595	2.80	cps
Yttrium	89-2	1611896	1661623	1627352	1633624	1.56	cps
Zinc	66-2	1075974	1093740	1067763	1079159	1.23	cps
Zirconium	90-1	4583639	4581121	4561023	4575261	0.27	cps
Zirconium	91-1	999089	1006269	993592	999650	0.64	cps

LB Number : LB117894 Operator : Jaswal
 Lab Sample ID : CCB076 Instrumnet Name : P8
 Client Sample ID : CCB076 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-19 20:27:57 DataFile Name : 141CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	211	224	245	227	7.53	cps
Antimony	121-1	275	417	550	414	33.23	cps
Arsenic	75-2	10	13	6	10	36.33	cps
Barium	135-1	500	467	475	481	3.61	cps
Barium	137-1	1042	933	742	906	16.78	cps
Beryllium	9-1	146	154	142	147	4.15	cps
Bismuth	209-1	3821792	3728643	3974260	3841565	3.23	cps
Bismuth	209-2	2290939	2341996	2210154	2281030	2.91	cps
Boron	10-1	2000	1966	1894	1953	2.77	cps
Boron	11-1	9575	9545	9461	9527	0.62	cps
Bromine	81-1	14713	15174	14553	14813	2.18	cps
Cadmium	111-1	1749	1577	1666	1664	5.17	cps
Cadmium	106-1	2434	2225	2317	2325	4.49	cps
Cadmium	108-1	42	38	38	39	6.19	cps
Calcium	43-1	525	516	566	536	4.98	cps
Calcium	44-1	29753	29792	30009	29852	0.46	cps
Carbon	12-1	5111760	5243299	5273762	5209607	1.65	cps
Carbon	12-2	58936	59915	59036	59296	0.91	cps
Chlorine	35-1	909300	936913	924940	923718	1.50	cps
Chlorine	35-2	6660	6185	6335	6393	3.80	cps
Chromium	52-2	1110	1070	1237	1139	7.64	cps
Cobalt	59-2	160	113	127	133	18.03	cps
Copper	63-2	1383	1273	1290	1316	4.51	cps
Dysprosium	156-1	25	8	0	11	114.58	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	50	50	33	44	21.66	cps
Erbium	164-2	30	23	27	27	12.51	cps
Gadolinium	160-1	33	17	100	50	88.19	cps
Gadolinium	160-2	43	43	50	46	8.45	cps
Holmium	165-1	6740749	6734888	6670893	6715510	0.58	cps
Holmium	165-2	3478389	3504655	3321639	3434894	2.88	cps
Indium	115-1	6220264	6203746	6463282	6295764	2.31	cps
Indium	115-2	1055988	1048373	1013387	1039249	2.19	cps
Iron	54-2	717	672	672	687	3.74	cps
Iron	56-2	4645	4934	4262	4614	7.31	cps
Iron	57-2	267	261	306	278	8.72	cps

LB Number :	LB117894	Operator :	Jaswal
Lab Sample ID :	CCB076	Instrumnet Name :	P8
Client Sample ID :	CCB076	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1177	1213	1270	1220	3.85	cps
Lead	206-1	895	1039	1072	1002	9.43	cps
Lead	207-1	861	833	950	882	6.91	cps
Lead	208-1	3650	4039	4311	4000	8.31	cps
Lithium	6-1	2420102	2493147	2468159	2460469	1.51	cps
Magnesium	24-2	1058	1050	783	964	16.23	cps
Manganese	55-2	267	357	253	292	19.23	cps
Molybdenum	94-1	667	667	742	692	6.26	cps
Molybdenum	95-1	517	442	475	478	7.86	cps
Molybdenum	96-1	642	742	575	653	12.85	cps
Molybdenum	97-1	208	275	250	244	13.78	cps
Molybdenum	98-1	808	683	725	739	8.61	cps
Neodymium	150-1	13	7	33	18	78.05	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	87	80	90	86	5.95	cps
Phosphorus	31-2	67	192	58	106	70.76	cps
Potassium	39-2	19772	18746	19605	19375	2.84	cps
Rhodium	103-1	5808979	5816698	5998981	5874886	1.83	cps
Rhodium	103-2	3208159	3170056	3052962	3143726	2.57	cps
Scandium	45-1	5345948	5558784	5433089	5445940	1.96	cps
Scandium	45-2	190953	195614	191135	192568	1.37	cps
Selenium	82-1	-40	-35	-102	-59	-62.78	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	55	51	57	54	5.62	cps
Silicon	28-1	727695	743892	738954	736847	1.13	cps
Silver	107-1	250	192	292	244	20.55	cps
Silver	109-1	233	183	158	192	19.92	cps
Sodium	23-2	33314	31769	32127	32403	2.50	cps
Strontium	86-1	2134	2150	2092	2125	1.41	cps
Strontium	88-1	2684	2975	3009	2889	6.19	cps
Sulfur	34-1	384868	385193	386322	385461	0.20	cps
Terbium	159-1	6954127	7013257	7415381	7127589	3.52	cps
Terbium	159-2	3330673	3424890	3365199	3373587	1.41	cps
Thallium	203-1	300	425	392	372	17.39	cps
Thallium	205-1	767	833	808	803	4.20	cps
Tin	118-1	1975	1892	1742	1870	6.33	cps

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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	400	450	358	403	11.39	cps
Uranium	238-1	175	167	150	164	7.77	cps
Vanadium	51-2	30	43	33	36	19.51	cps
Ytterbium	172-1	8	8	42	19	99.00	cps
Ytterbium	172-2	11	11	11	11	0.00	cps
Ytterbium	176-1	550	517	483	517	6.45	cps
Ytterbium	176-2	3417	3617	3445	3493	3.10	cps
Yttrium	89-1	12135003	12309802	12724102	12389636	2.44	cps
Yttrium	89-2	1459180	1469259	1401910	1443450	2.52	cps
Zinc	66-2	610	583	660	618	6.30	cps
Zirconium	90-1	958	1050	1008	1006	4.56	cps
Zirconium	91-1	217	242	250	236	7.35	cps