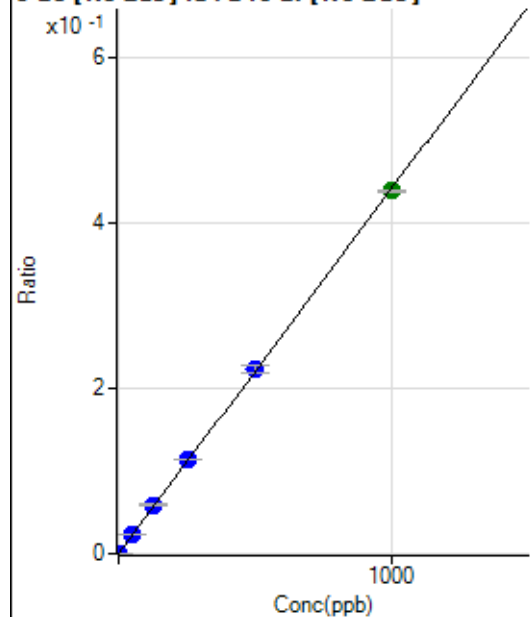


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8121621-MS.b\
Analysis File: P8121621-MS.batch.bin
DA Date-Time: 2021-12-17 11:35:54
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2021-12-16 12:06:59
2	005CALS.d	S02	2021-12-16 12:13:09
3	006CALS.d	S03	2021-12-16 12:16:14
4	007CALS.d	S04	2021-12-16 12:19:17
5	008CALS.d	S05	2021-12-16 12:22:23
6	009CALS.d	S06	2021-12-16 12:25:27
7	010CALS.d	S07	2021-12-16 12:28:33
8	011CALS.d	S08	2021-12-16 12:31:37

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	152.64	0.0001	P	4.6
2	☐	1.000	1.060	1407.13	0.0005	P	4.8
3	☐	50.000	53.766	62747.78	0.0238	P	1.1
4	☐	125.000	133.405	158997.21	0.0589	P	3.1
5	☐	250.000	256.981	319125.25	0.1133	P	1.1
6	☐	500.000	505.448	626690.04	0.2228	P	3.5
7	☐	1000.000	994.291	1268908.11	0.4383	A	0.6
8	☐			989.84	0.0004	P	24.2

$$y = 4.4075E-004 * x + 5.8330E-005$$

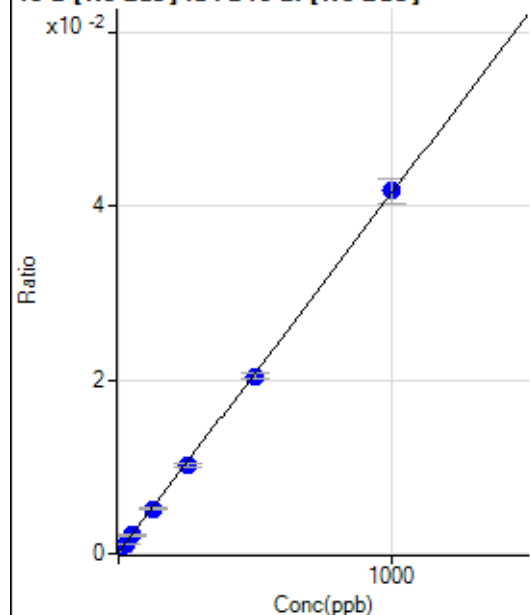
$$R = 0.9999$$

$$DL = 0.0183$$

$$BEC = 0.1323$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	353.27	0.0001	P	12.1
2	☐	25.000	23.375	2948.39	0.0011	P	4.1
3	☐	50.000	47.705	5567.31	0.0021	P	5.5
4	☐	125.000	121.122	13911.22	0.0051	P	4.4
5	☐	250.000	242.234	28605.00	0.0102	P	4.8
6	☐	500.000	491.386	57610.36	0.0205	P	3.3
7	☐	1000.000	1006.888	120892.12	0.0418	P	6.6
8	☐			15643.98	0.0057	P	13.3

$$y = 4.1358E-005 * x + 1.3481E-004$$

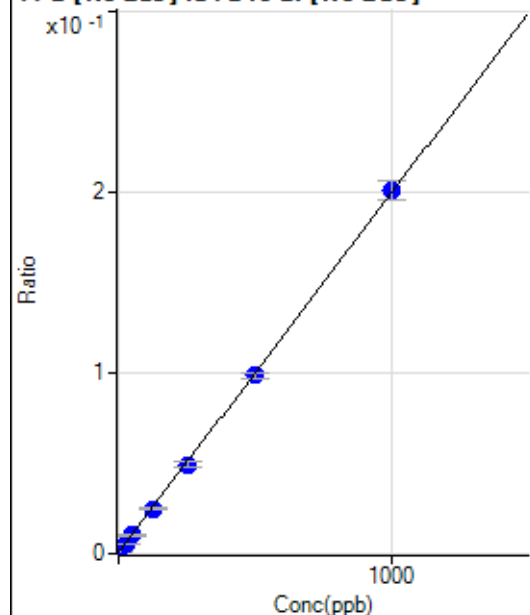
$$R = 0.9999$$

$$DL = 1.185$$

$$BEC = 3.259$$

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	1791.10	0.0007	P	4.1
2	☐	25.000	23.147	14158.05	0.0053	P	6.2
3	☐	50.000	48.829	27470.38	0.0104	P	8.4
4	☐	125.000	119.708	66257.41	0.0245	P	4.3
5	☐	250.000	244.173	138826.17	0.0493	P	6.0
6	☐	500.000	493.490	278501.92	0.0989	P	3.2
7	☐	1000.000	1005.478	581133.82	0.2008	P	5.4
8	☐			74151.78	0.0269	P	10.8

$$y = 1.9899E-004 * x + 6.8399E-004$$

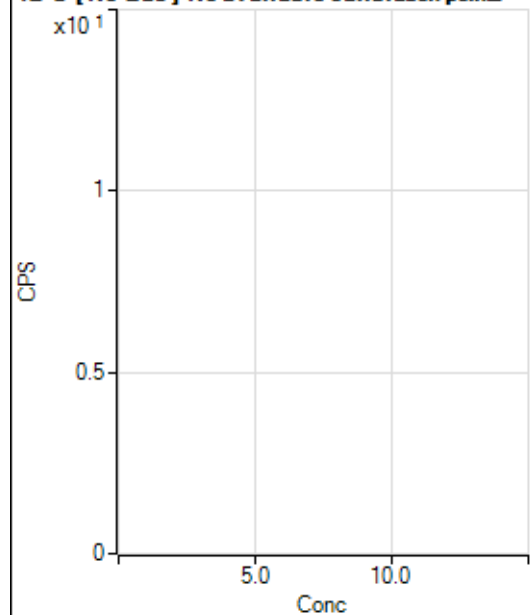
$$R = 0.9999$$

$$DL = 0.4259$$

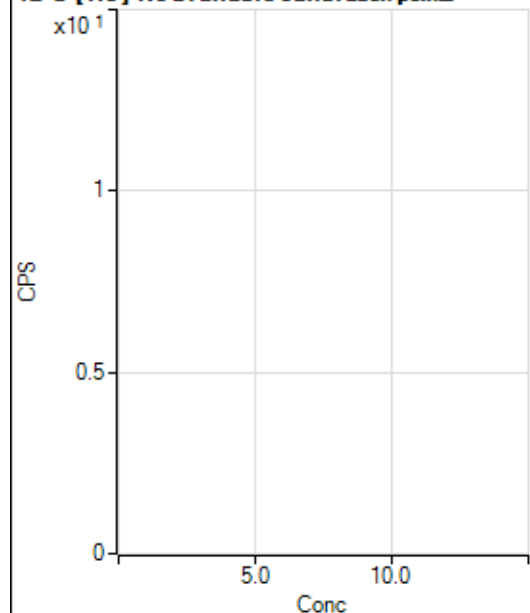
$$BEC = 3.437$$

Weight: <None>

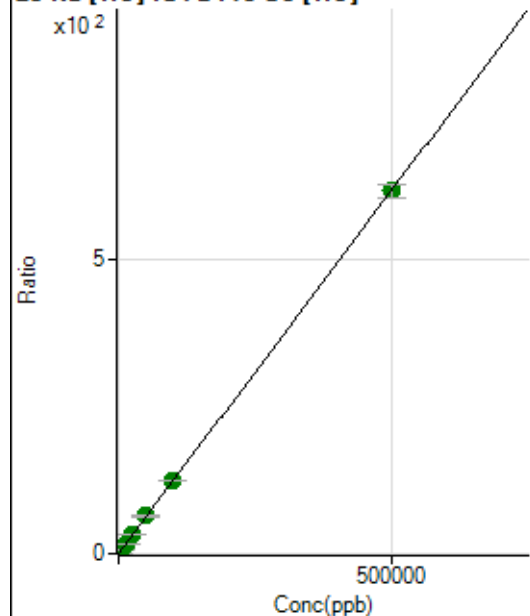
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			3556702.51		A	0.9
2	☐			3714285.15		A	1.5
3	☐			4027297.66		A	1.0
4	☐			4233553.09		A	3.0
5	☐			4543078.70		A	0.3
6	☐			5095808.32		A	5.1
7	☐			6157738.46		A	4.8
8	☐			4600075.54		A	1.1

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			37983.23		P	1.6
2	☐			39593.09		P	0.3
3	☐			44448.77		P	1.5
4	☐			47772.90		P	0.8
5	☐			50970.11		P	2.3
6	☐			59273.41		P	1.9
7	☐			71164.99		P	2.4
8	☐			55227.07		P	1.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	10737.52	0.0630	P	3.8
2	☐	500.000	489.372	116717.23	0.6669	P	1.3
3	☐	5000.000	5369.378	1136391.51	6.6887	A	7.2
4	☐	12500.000	12803.958	2797384.22	15.8629	A	1.5
5	☐	25000.000	25927.150	5646438.93	32.0567	A	1.6
6	☐	50000.000	52058.503	11210022.73	64.3024	A	2.8
7	☐	100000.00	100844.88	21845916.46	124.5040	A	1.2
8	☐	500000.00	499567.53	103723332.1	616.5217	A	3.7

$$y = 0.0012 * x + 0.0630$$

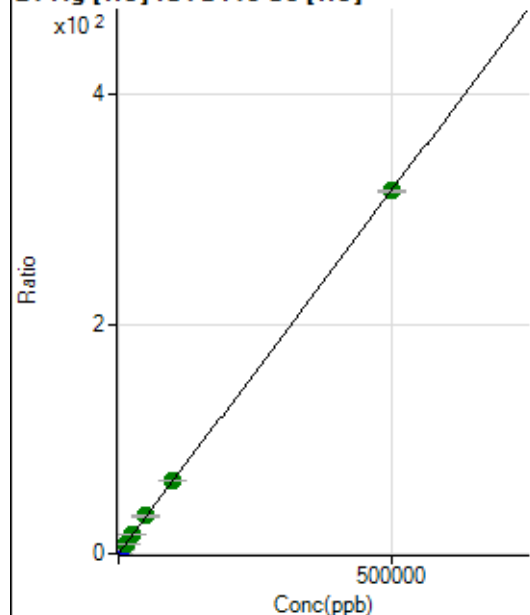
$$R = 1.0000$$

$$DL = 5.862$$

$$BEC = 51.05$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	508.35	0.0030	P	11.1
2	☐	500.000	494.287	55281.11	0.3158	P	2.0
3	☐	5000.000	5464.550	588495.40	3.4618	P	6.0
4	☐	12500.000	12956.338	1446774.20	8.2037	A	0.3
5	☐	25000.000	26708.943	2978338.11	16.9084	A	1.5
6	☐	50000.000	51910.325	5728292.18	32.8595	A	3.4
7	☐	100000.00	100355.40	11145792.44	63.5228	A	1.6
8	☐	500000.00	499636.39	53226799.80	316.2470	A	0.7

$$y = 6.3295E-004 * x + 0.0030$$

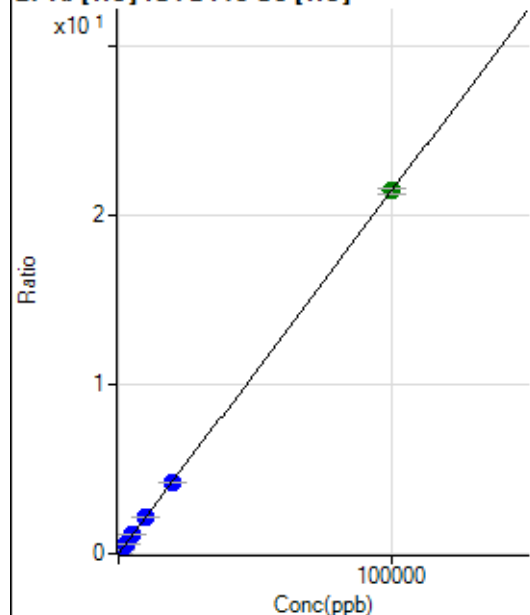
$$R = 1.0000$$

$$DL = 1.576$$

$$BEC = 4.716$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	107.49	0.0006	P	13.2
2	☐	20.000	18.734	812.01	0.0046	P	2.2
3	☐	1000.000	1069.386	39015.58	0.2295	P	5.9
4	☐	2500.000	2548.522	96287.29	0.5460	P	1.9
5	☐	5000.000	5071.608	191289.02	1.0860	P	1.3
6	☐	10000.000	10152.124	378954.92	2.1733	P	1.4
7	☐	20000.000	19677.148	739010.65	4.2117	P	1.2
8	☐	100000.00	100043.87	3603676.97	21.4110	A	1.6

$$y = 2.1401E-004 * x + 6.3025E-004$$

$$R = 1.0000$$

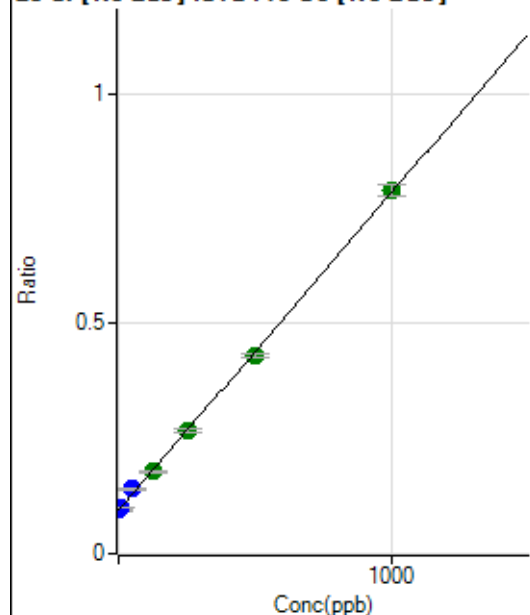
$$DL = 1.167$$

$$BEC = 2.945$$

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	554787.69	0.0944	P	2.1
2	☐	10.000	8.003	598165.15	0.1000	P	1.4
3	☐	50.000	66.280	830093.05	0.1402	P	3.0
4	☐	125.000	121.705	1070294.06	0.1785	A	2.5
5	☐	250.000	251.979	1614793.89	0.2686	A	3.1
6	☐	500.000	488.110	2576968.94	0.4317	A	2.1
7	☐	1000.000	1005.068	4771946.46	0.7890	A	3.2
8	☐			934854.12	0.1656	A	4.0

$$y = 6.9105\text{E-}004 * x + 0.0944$$

$$R = 0.9997$$

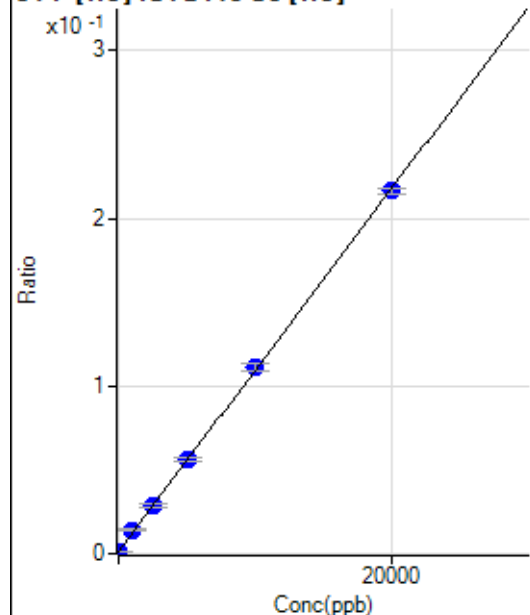
$$DL = 8.497$$

$$BEC = 136.7$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	-2.937	211.12	0.0012	P	32.0
2	☐	0.000	2.937	227.79	0.0013	P	7.9
3	☐	1000.000	1198.560	2416.94	0.0142	P	9.4
4	☐	2500.000	2544.741	5076.05	0.0288	P	6.8
5	☐	5000.000	5117.854	9970.38	0.0566	P	3.7
6	☐	10000.000	10145.848	19346.70	0.1110	P	3.6
7	☐	20000.000	19882.092	37947.63	0.2163	P	1.3
8	☐			180.56	0.0011	P	4.7

$$y = 1.0814\text{E-}005 * x + 0.0013$$

$$R = 0.9999$$

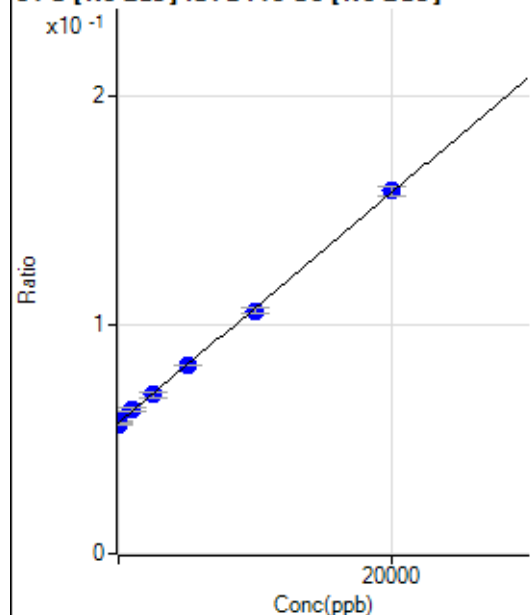
$$DL = 69.11$$

$$BEC = 117.4$$

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	116.379	339335.83	0.0578	P	1.2
2	☐	0.000	-116.379	338550.73	0.0566	P	2.7
3	☐	1000.000	1122.154	371724.02	0.0628	P	2.9
4	☐	2500.000	2404.125	414969.51	0.0692	P	3.5
5	☐	5000.000	5027.337	495464.52	0.0824	P	0.5
6	☐	10000.000	9710.862	631752.27	0.1059	P	2.7
7	☐	20000.000	20143.612	957033.25	0.1583	P	2.5
8	☐			308063.56	0.0546	P	1.7

$$y = 5.0180\text{E-}006 * x + 0.0572$$

$$R = 0.9998$$

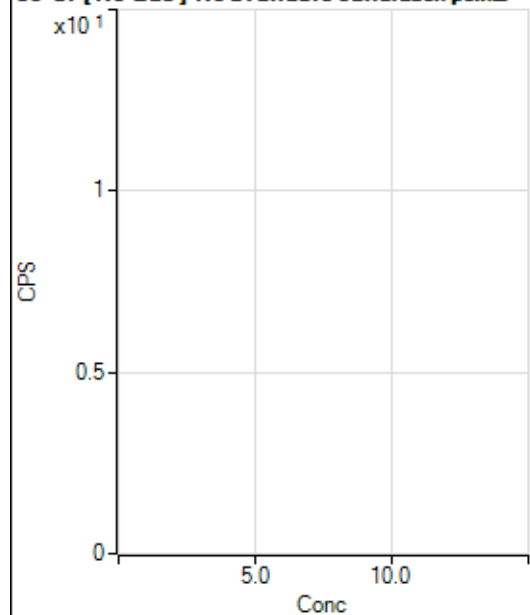
$$DL = 669.7$$

$$BEC = 1.139\text{E}+04$$

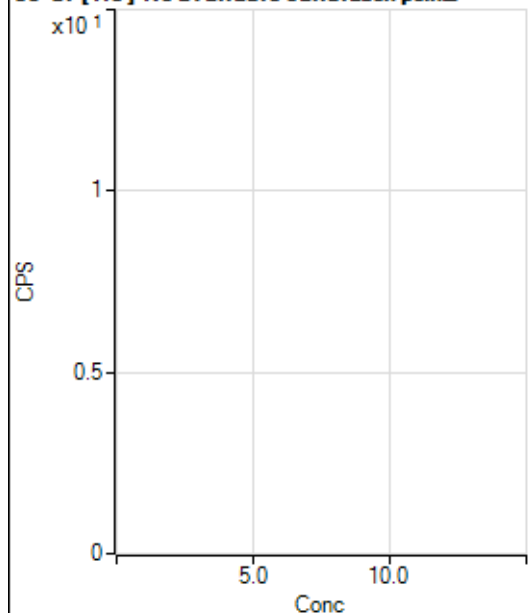
Weight: <None>

Min Conc: 0

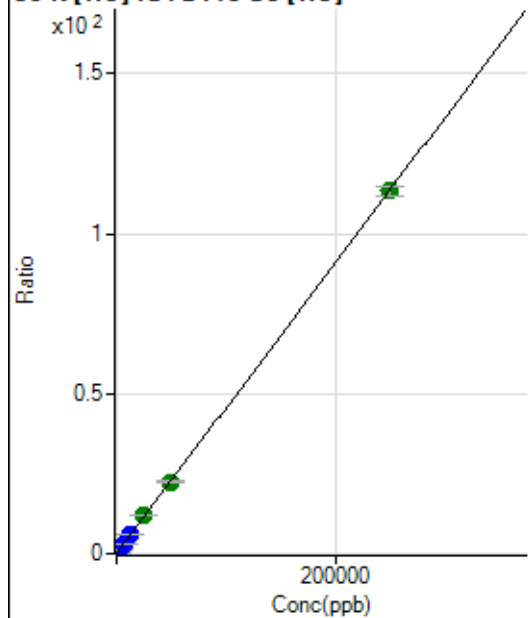
35 Cl [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			402967.16		P	0.2
2	☐			383139.83		P	1.8
3	☐			398758.63		P	1.7
4	☐			388149.53		P	0.6
5	☐			378377.40		P	1.6
6	☐			378394.91		P	0.8
7	☐			368031.60		P	0.6
8	☐			379327.19		P	0.5

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			2278.02		P	4.4
2	☐			2178.00		P	4.6
3	☐			2422.48		P	1.7
4	☐			2441.94		P	8.4
5	☐			2272.46		P	5.5
6	☐			2253.01		P	9.9
7	☐			2094.65		P	3.6
8	☐			2303.02		P	2.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	14866.32	0.0872	P	3.2
2	☐	500.000	484.619	53720.17	0.3069	P	0.3
3	☐	2500.000	2819.190	232109.12	1.3653	P	5.8
4	☐	6250.000	6635.318	545851.90	3.0953	P	2.1
5	☐	12500.000	13148.171	1065104.41	6.0479	P	3.6
6	☐	25000.000	26475.260	2107693.49	12.0898	A	2.6
7	☐	50000.000	49459.896	3949593.19	22.5098	A	2.2
8	☐	250000.00	249915.29	19079510.84	113.3861	A	2.4

$$y = 4.5335E-004 * x + 0.0872$$

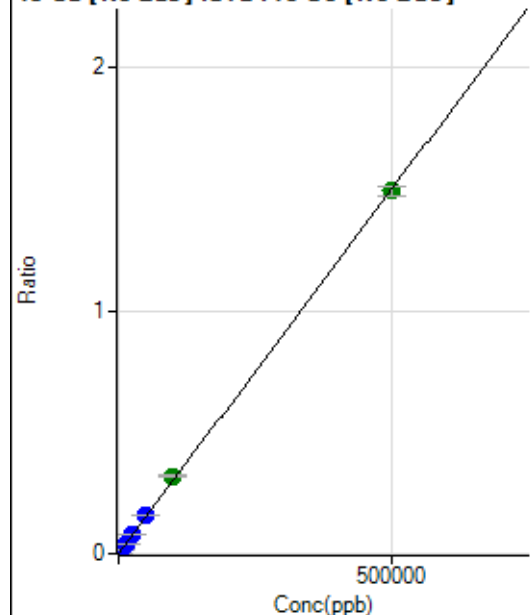
$$R = 1.0000$$

$$DL = 18.47$$

$$BEC = 192.4$$

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	237.89	0.0000	P	3.5
2	☐	500.000	464.765	8580.67	0.0014	P	3.1
3	☐	5000.000	5421.276	96498.34	0.0163	P	1.1
4	☐	12500.000	13350.508	240232.95	0.0401	P	3.0
5	☐	25000.000	26610.696	480096.83	0.0798	P	1.2
6	☐	50000.000	53170.175	951555.43	0.1595	P	2.4
7	☐	100000.00	106916.72	1939519.28	0.3207	A	0.9
8	☐	500000.00	498193.66	8434474.45	1.4942	A	2.6

$$y = 2.9991\text{E-}006 * x + 4.0500\text{E-}005$$

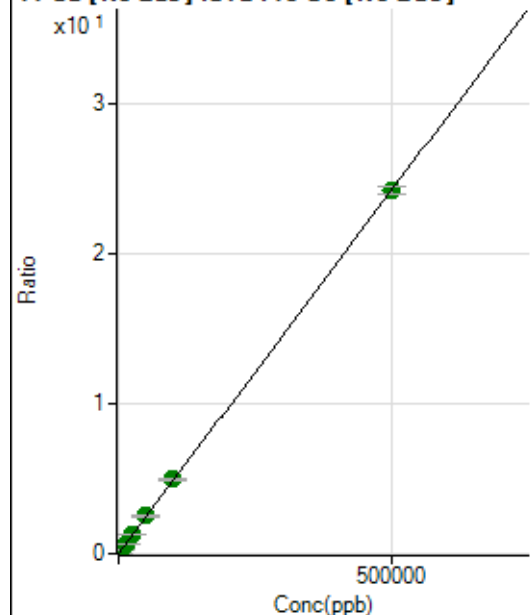
$$R = 0.9999$$

$$DL = 1.405$$

$$BEC = 13.5$$

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	18563.03	0.0032	P	1.8
2	☐	500.000	471.232	155586.07	0.0260	P	1.7
3	☐	5000.000	5352.317	1554964.08	0.2626	A	1.1
4	☐	12500.000	12946.642	3781238.44	0.6308	A	2.6
5	☐	25000.000	25723.603	7517124.02	1.2502	A	0.4
6	☐	50000.000	52060.543	15074726.31	2.5269	A	2.4
7	☐	100000.00	102010.64	29926908.77	4.9484	A	1.6
8	☐	500000.00	499340.97	136663615.6	24.2100	A	2.2

$$y = 4.8478\text{E-}005 * x + 0.0032$$

$$R = 1.0000$$

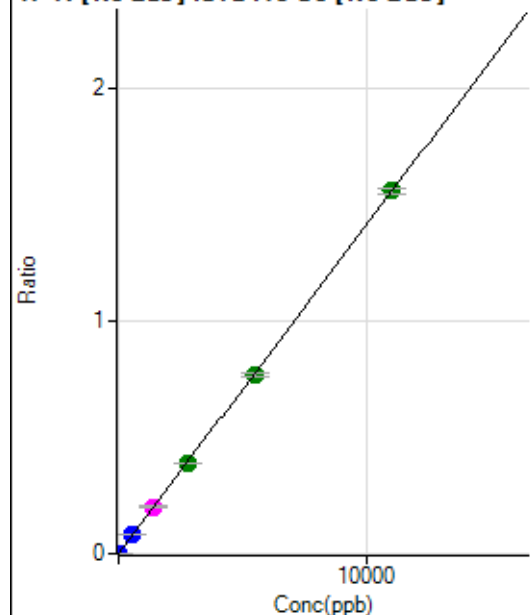
$$DL = 3.443$$

$$BEC = 65.18$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	194.45	0.0000	P	23.8
2	☐	5.000	5.137	4545.30	0.0008	P	1.5
3	☐	550.000	591.678	495548.86	0.0837	P	2.1
4	☐	1375.000	1419.000	1203263.13	0.2007	M	1.8
5	☐	2750.000	2755.050	2342788.03	0.3896	A	1.4
6	☐	5500.000	5436.339	4587013.39	0.7688	A	1.7
7	☐	11000.000	11022.984	9427497.87	1.5588	A	1.4
8	☐			5682.06	0.0010	P	22.3

$$y = 1.4141\text{E-}004 * x + 3.3177\text{E-}005$$

$$R = 1.0000$$

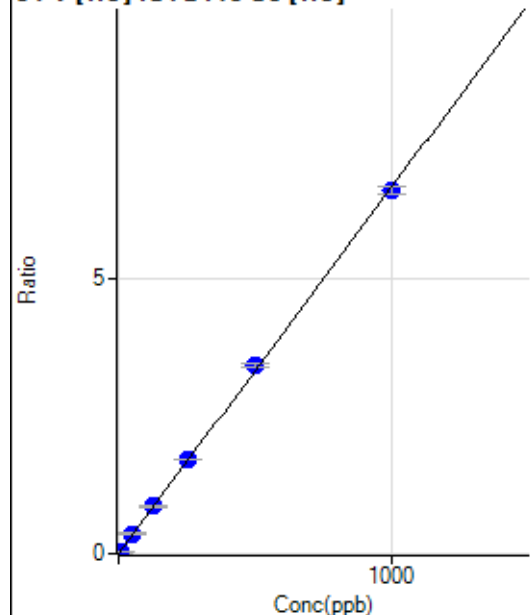
$$DL = 0.1673$$

$$BEC = 0.2346$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	7.78	0.0000	P	88.4
2	☐	5.000	5.011	5850.14	0.0334	P	1.1
3	☐	50.000	54.737	61952.71	0.3646	P	7.1
4	☐	125.000	129.099	151647.84	0.8599	P	1.0
5	☐	250.000	257.422	302012.59	1.7147	P	1.7
6	☐	500.000	514.308	597314.54	3.4257	P	1.7
7	☐	1000.000	990.241	1157303.44	6.5958	P	2.1
8	☐			510.01	0.0030	P	10.8

$$y = 0.0067 * x + 4.5485\text{E-}005$$

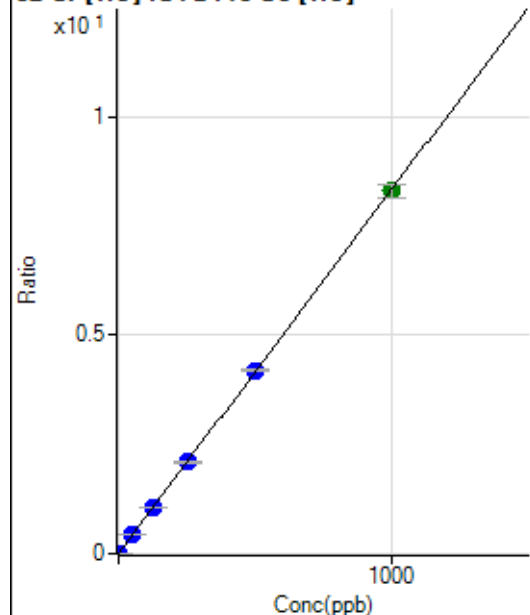
$$R = 0.9998$$

$$DL = 0.0181$$

$$BEC = 0.006829$$

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	595.57	0.0035	P	6.0
2	☐	2.000	1.818	3261.51	0.0186	P	1.8
3	☐	50.000	52.978	75602.29	0.4447	P	5.8
4	☐	125.000	125.968	185617.97	1.0526	P	1.8
5	☐	250.000	252.853	371534.55	2.1094	P	2.1
6	☐	500.000	504.368	733003.87	4.2042	P	2.1
7	☐	1000.000	996.833	1457303.40	8.3057	A	4.1
8	☐			3290.41	0.0196	P	1.8

$$y = 0.0083 * x + 0.0035$$

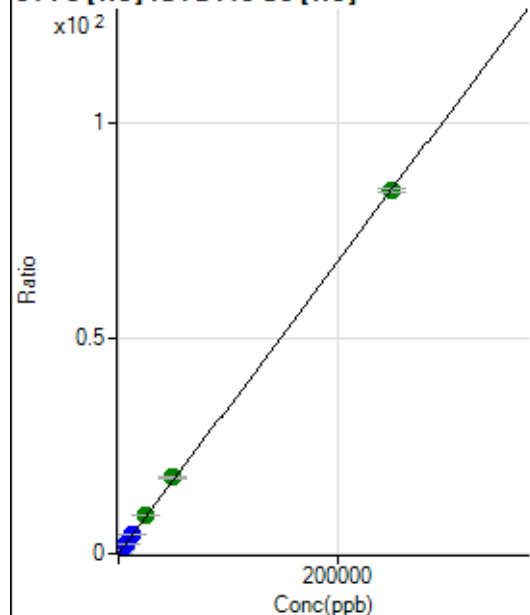
$$R = 1.0000$$

$$DL = 0.07513$$

$$BEC = 0.4197$$

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	379.64	0.0022	P	16.1
2	☐	50.000	48.757	3268.95	0.0187	P	2.6
3	☐	2500.000	2894.385	166297.17	0.9786	P	6.7
4	☐	6250.000	6678.349	397655.38	2.2550	P	1.3
5	☐	12500.000	13286.567	789838.15	4.4841	P	1.2
6	☐	25000.000	26735.286	1573147.55	9.0207	A	0.7
7	☐	50000.000	52386.454	3101001.06	17.6735	A	2.5
8	☐	250000.00	249295.20	14152574.85	84.0957	A	1.2

$$y = 3.3732E-004 * x + 0.0022$$

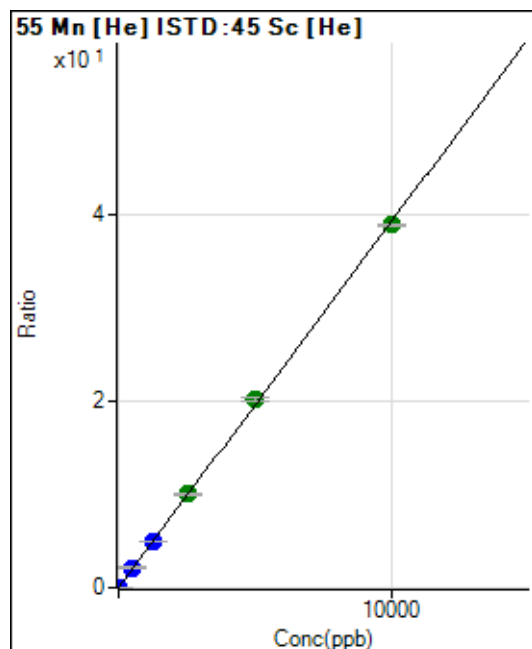
$$R = 0.9999$$

$$DL = 3.2$$

$$BEC = 6.615$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	43.33	0.0003	P	52.2
2	☐	1.000	1.051	765.58	0.0044	P	6.9
3	☐	500.000	538.829	359196.79	2.1130	P	6.1
4	☐	1250.000	1276.220	882489.60	5.0043	P	1.3
5	☐	2500.000	2563.776	1770760.96	10.0527	A	1.9
6	☐	5000.000	5138.288	3512901.47	20.1473	A	1.7
7	☐	10000.000	9909.693	6817886.08	38.8559	A	0.8
8	☐			4820.86	0.0286	P	5.4

$$y = 0.0039 * x + 2.5313E-004$$

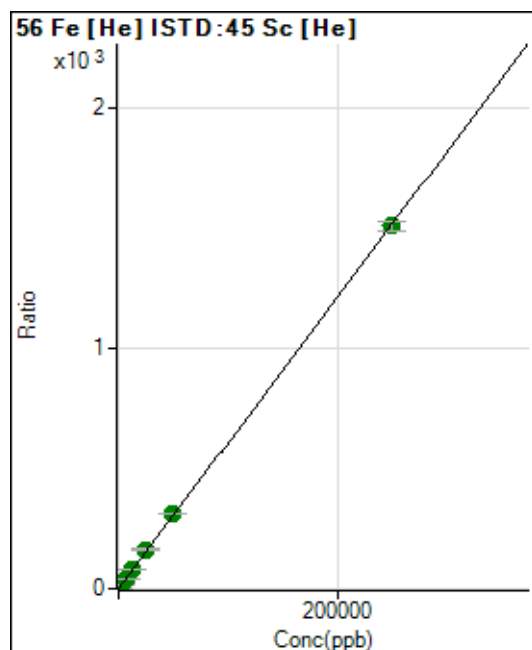
$$R = 0.9998$$

$$DL = 0.1011$$

$$BEC = 0.06456$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2524.34	0.0148	P	3.9
2	☐	50.000	50.425	55987.69	0.3199	P	1.6
3	☐	2500.000	2880.879	2964698.91	17.4458	A	6.7
4	☐	6250.000	6675.781	7127008.14	40.4072	A	1.6
5	☐	12500.000	13559.854	14454456.80	82.0598	A	3.1
6	☐	25000.000	27031.043	28513783.51	163.5683	A	3.7
7	☐	50000.000	51452.333	54628901.22	311.3314	A	1.3
8	☐	250000.00	249438.98	253960779.7	1509.265	A	2.5

$$y = 0.0061 * x + 0.0148$$

$$R = 1.0000$$

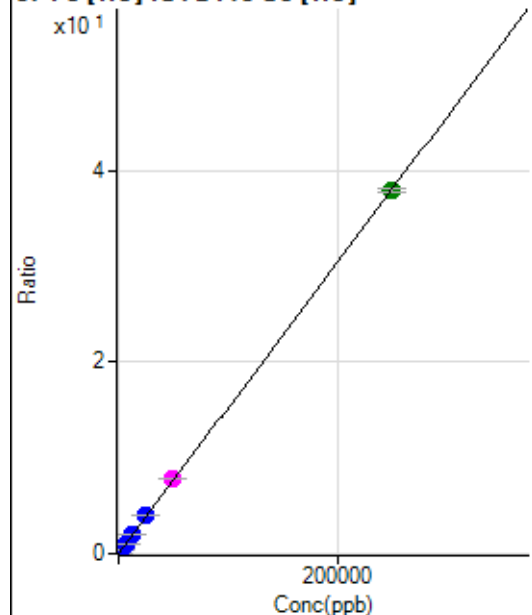
$$DL = 0.2894$$

$$BEC = 2.445$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	188.89	0.0011	P	13.2
2	☐	50.000	50.796	1544.56	0.0088	P	3.4
3	☐	2500.000	2829.184	73212.10	0.4309	P	7.8
4	☐	6250.000	6645.078	178241.40	1.0106	P	1.1
5	☐	12500.000	13315.983	356525.16	2.0241	P	1.2
6	☐	25000.000	26245.778	695324.59	3.9884	P	2.6
7	☐	50000.000	51794.074	1380856.54	7.8697	M	0.7
8	☐	250000.00	249462.63	6378392.39	37.8997	A	1.1

$$y = 1.5192\text{E-}004 * x + 0.0011$$

R = 1.0000

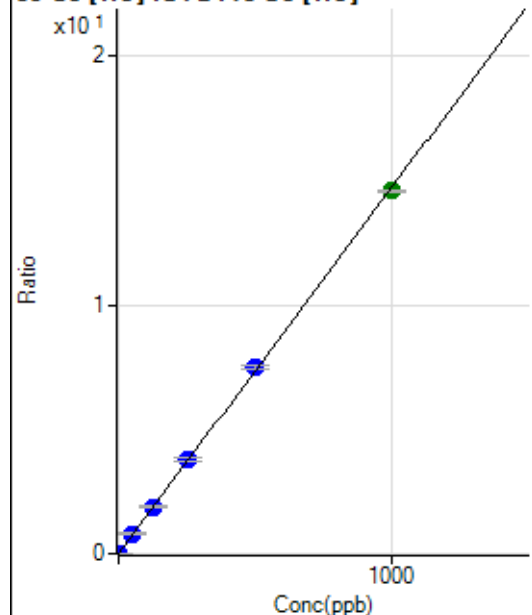
DL = 2.884

BEC = 7.296

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	80.00	0.0005	P	33.0
2	☐	1.000	0.959	2549.15	0.0146	P	5.0
3	☐	50.000	54.565	136434.58	0.8027	P	6.6
4	☐	125.000	128.043	332057.24	1.8831	P	2.0
5	☐	250.000	258.017	668229.36	3.7941	P	2.9
6	☐	500.000	511.670	1311816.25	7.5236	P	1.8
7	☐	1000.000	991.552	2558226.49	14.5794	A	0.5
8	☐			3936.15	0.0234	P	5.7

$$y = 0.0147 * x + 4.7047\text{E-}004$$

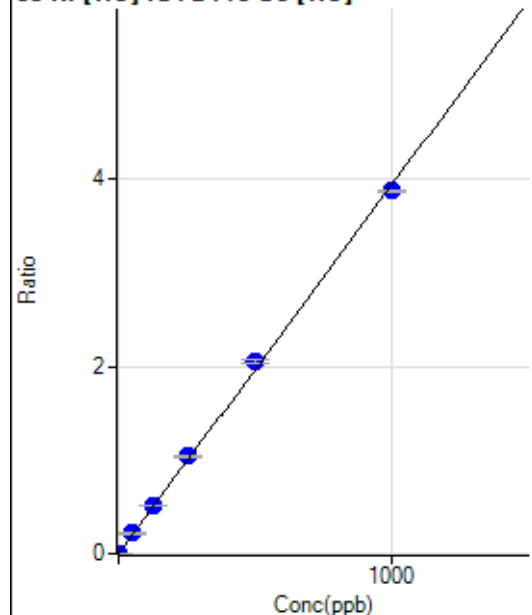
R = 0.9999

DL = 0.03166

BEC = 0.032

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	57.78	0.0003	P	28.2
2	☐	1.000	0.981	734.47	0.0042	P	1.9
3	☐	50.000	55.782	37345.79	0.2198	P	6.5
4	☐	125.000	131.282	91123.57	0.5167	P	0.9
5	☐	250.000	264.754	183484.54	1.0417	P	1.6
6	☐	500.000	520.976	357324.23	2.0495	P	2.5
7	☐	1000.000	984.749	679711.01	3.8737	P	0.7
8	☐			1115.61	0.0066	P	6.5

$$y = 0.0039 * x + 3.3875E-004$$

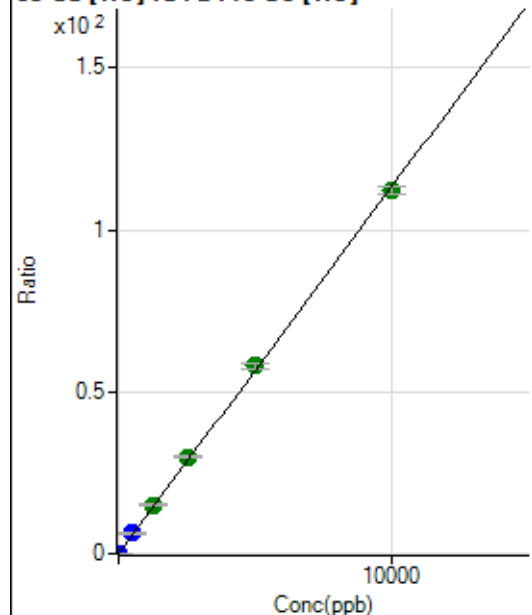
$$R = 0.9995$$

$$DL = 0.07298$$

$$BEC = 0.08612$$

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	531.13	0.0031	P	4.2
2	☐	2.000	2.073	4650.80	0.0266	P	1.7
3	☐	500.000	563.095	1083410.02	6.3764	P	7.1
4	☐	1250.000	1323.467	2641996.23	14.9826	A	2.2
5	☐	2500.000	2632.399	5248274.05	29.7976	A	2.0
6	☐	5000.000	5122.329	10108001.24	57.9795	A	2.6
7	☐	10000.000	9893.398	19648261.93	111.9803	A	2.1
8	☐			7852.29	0.0467	P	7.9

$$y = 0.0113 * x + 0.0031$$

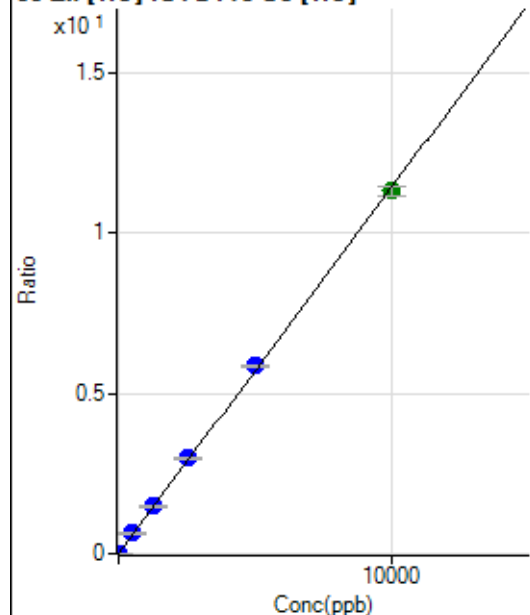
$$R = 0.9998$$

$$DL = 0.03429$$

$$BEC = 0.2752$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	114.45	0.0007	P	7.5
2	☐	2.000	2.221	561.13	0.0032	P	4.8
3	☐	500.000	554.204	107701.41	0.6335	P	6.0
4	☐	1250.000	1298.520	261587.33	1.4835	P	2.0
5	☐	2500.000	2599.730	522962.99	2.9694	P	2.9
6	☐	5000.000	5120.052	1019589.86	5.8474	P	1.6
7	☐	10000.000	9906.266	1984980.99	11.3129	A	2.4
8	☐			2782.53	0.0165	P	5.5

$$y = 0.0011 * x + 6.7063E-004$$

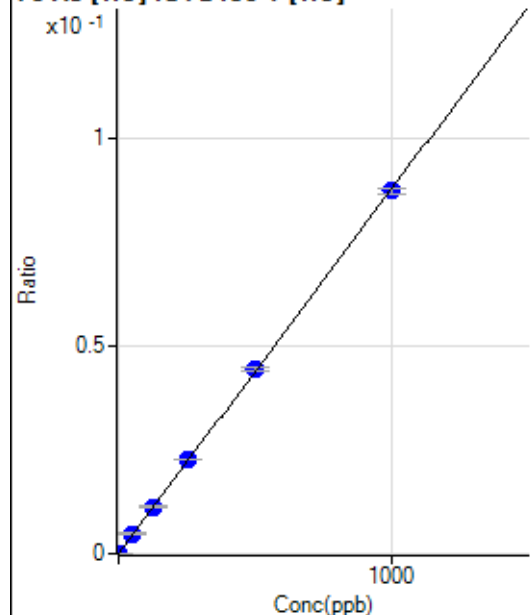
$$R = 0.9998$$

$$DL = 0.1315$$

$$BEC = 0.5873$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	12.33	0.0000	P	17.0
2	☐	1.000	1.052	144.02	0.0001	P	4.3
3	☐	50.000	54.086	6616.56	0.0048	P	9.2
4	☐	125.000	127.592	16264.32	0.0112	P	2.8
5	☐	250.000	257.292	32645.14	0.0226	P	0.3
6	☐	500.000	505.081	64144.34	0.0443	P	1.9
7	☐	1000.000	995.108	124182.56	0.0873	P	1.6
8	☐			69.68	0.0001	P	26.9

$$y = 8.7727E-005 * x + 8.7304E-006$$

$$R = 1.0000$$

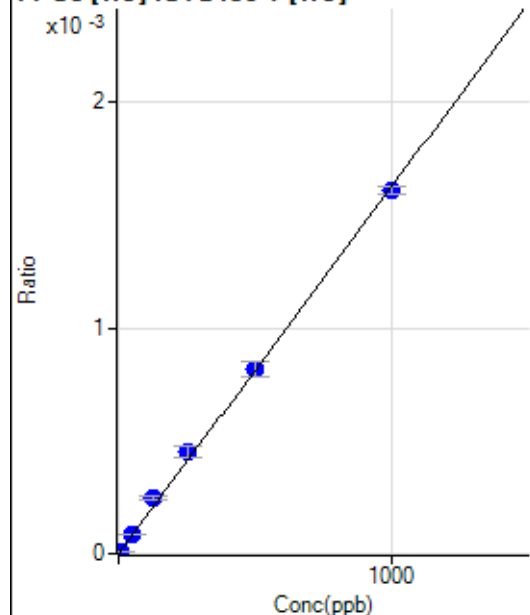
$$DL = 0.05084$$

$$BEC = 0.09952$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	5.262	12.22	0.0000	P	41.0
3	☐	50.000	52.248	118.89	0.0001	P	3.6
4	☐	125.000	151.181	356.68	0.0002	P	9.3
5	☐	250.000	277.792	653.36	0.0005	P	12.2
6	☐	500.000	501.894	1181.18	0.0008	P	8.0
7	☐	1000.000	988.719	2289.10	0.0016	P	2.2
8	☐			3.33	0.0000	P	1.3

$$y = 1.6267\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9993$$

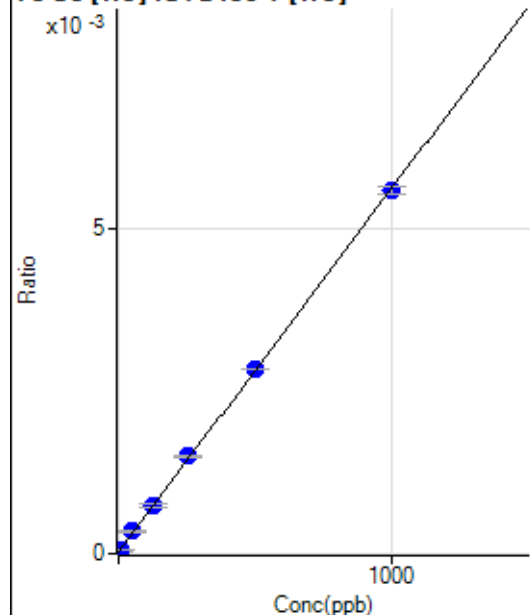
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	35.00	0.0000	P	3.3
2	☐	5.000	5.782	81.34	0.0001	P	5.1
3	☐	50.000	58.642	490.39	0.0004	P	8.9
4	☐	125.000	128.926	1079.82	0.0007	P	7.0
5	☐	250.000	263.338	2160.39	0.0015	P	2.8
6	☐	500.000	503.844	4106.02	0.0028	P	0.4
7	☐	1000.000	993.817	7923.37	0.0056	P	2.0
8	☐			46.00	0.0000	P	9.2

$$y = 5.5803\text{E-}006 * x + 2.4810\text{E-}005$$

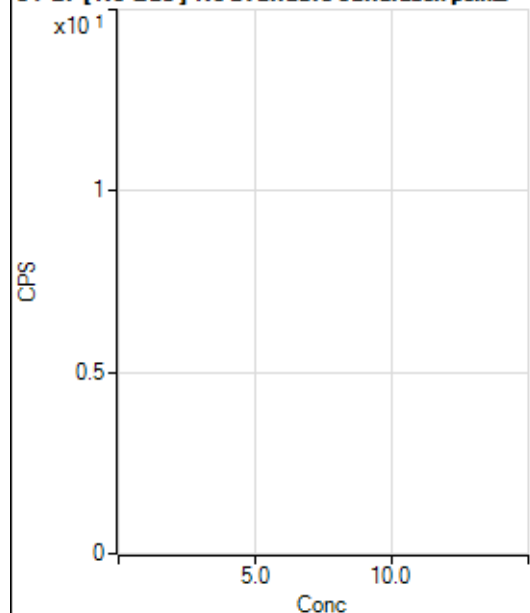
$$R = 0.9999$$

$$DL = 0.4401$$

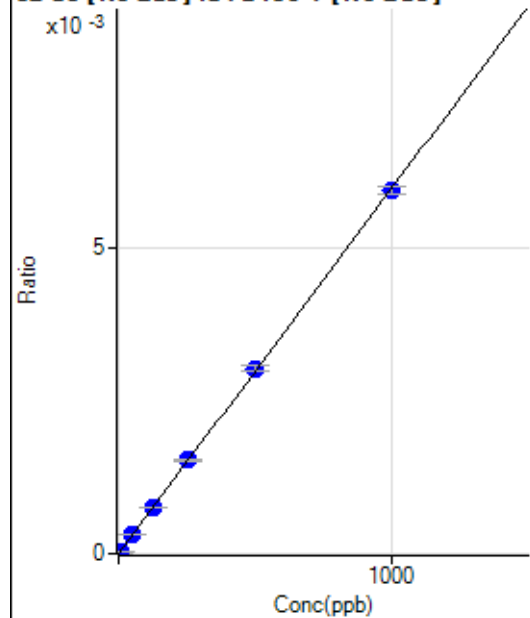
$$BEC = 4.446$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			18224.13		P	3.0
2	☐			19012.58		P	2.0
3	☐			19794.56		P	3.4
4	☐			18681.76		P	3.9
5	☐			18838.80		P	2.2
6	☐			18611.75		P	2.6
7	☐			18598.24		P	2.7
8	☐			17873.27		P	2.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	-48.90	0.0000	P	-118.
2	☐	5.000	5.155	418.92	0.0000	P	12.9
3	☐	50.000	53.990	4837.22	0.0003	P	4.5
4	☐	125.000	127.626	11892.15	0.0008	P	1.8
5	☐	250.000	256.173	23558.61	0.0015	P	2.1
6	☐	500.000	507.823	46259.29	0.0030	P	2.5
7	☐	1000.000	994.017	91984.75	0.0059	P	2.1
8	☐			152.00	0.0000	P	52.2

$$y = 5.9890E-006 * x - 3.2932E-006$$

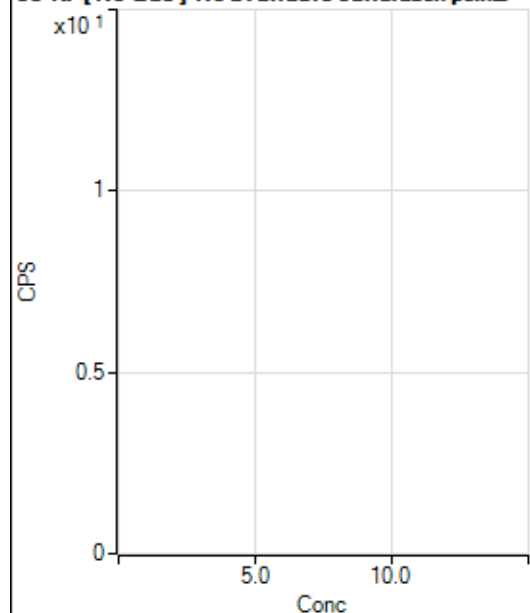
$$R = 0.9999$$

$$DL = 1.949$$

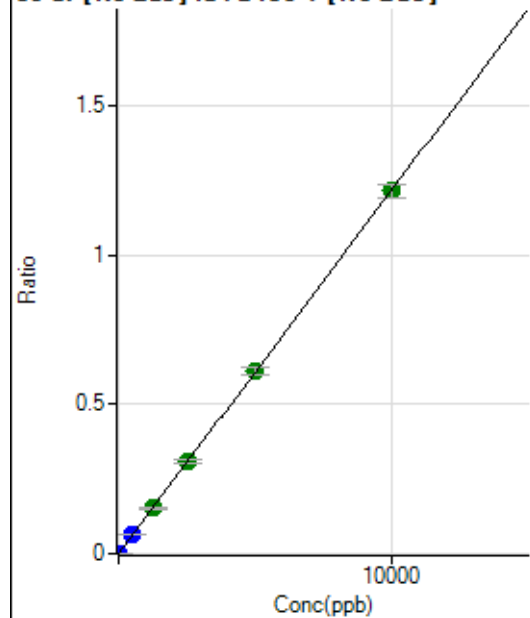
$$BEC = -0.5499$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1155.62		P	4.6
2	☐			1118.95		P	2.9
3	☐			1145.62		P	10.1
4	☐			1088.94		P	4.9
5	☐			1130.06		P	6.0
6	☐			1153.39		P	2.5
7	☐			1171.17		P	6.0
8	☐			1080.05		P	9.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1636.25	0.0001	P	2.6
2	☐	1.000	1.033	3592.23	0.0002	P	2.6
3	☐	500.000	522.064	962651.73	0.0637	P	1.8
4	☐	1250.000	1247.951	2376368.98	0.1521	A	3.0
5	☐	2500.000	2516.908	4716988.95	0.3067	A	4.3
6	☐	5000.000	5019.131	9310266.09	0.6114	A	3.6
7	☐	10000.000	9985.360	18799358.41	1.2163	A	3.5
8	☐			20641.02	0.0014	P	11.4

$$y = 1.2180\text{E-}004 * x + 1.1066\text{E-}004$$

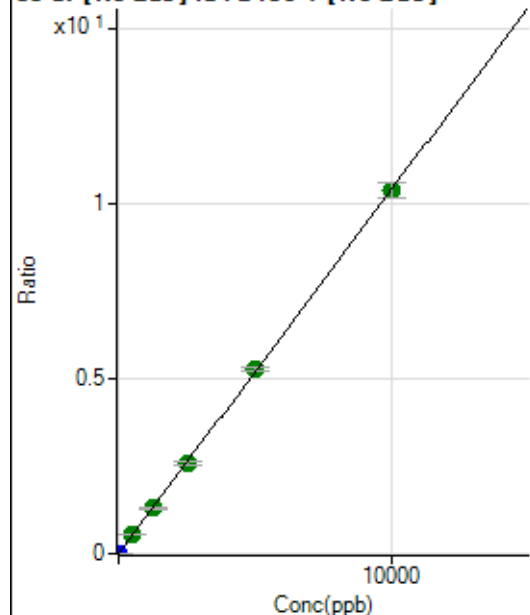
$$R = 1.0000$$

$$DL = 0.07216$$

$$BEC = 0.9086$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	275.01	0.0000	P	7.8
2	☐	1.000	0.983	15851.19	0.0010	P	4.1
3	☐	500.000	506.252	7974283.07	0.5276	A	1.7
4	☐	1250.000	1261.416	20539867.13	1.3147	A	3.5
5	☐	2500.000	2500.839	40097310.96	2.6064	A	3.7
6	☐	5000.000	5072.106	80496442.07	5.2862	A	2.3
7	☐	10000.000	9961.997	160452435.5	10.3825	A	4.4
8	☐			160511.93	0.0111	P	12.7

$$y = 0.0010 * x + 1.8617E-005$$

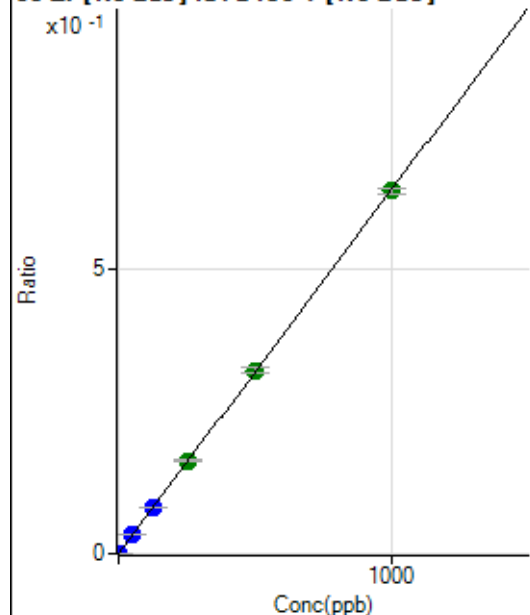
$$R = 1.0000$$

$$DL = 0.004156$$

$$BEC = 0.01786$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	791.71	0.0001	P	16.5
2	☐	1.000	0.908	9620.29	0.0006	P	2.2
3	☐	50.000	51.774	500316.40	0.0331	P	0.3
4	☐	125.000	126.957	1267156.20	0.0811	P	2.3
5	☐	250.000	254.703	2502761.64	0.1627	A	2.4
6	☐	500.000	503.240	4891926.33	0.3213	A	3.4
7	☐	1000.000	996.871	9840614.11	0.6364	A	1.3
8	☐			9442.49	0.0007	P	15.5

$$y = 6.3838E-004 * x + 5.3616E-005$$

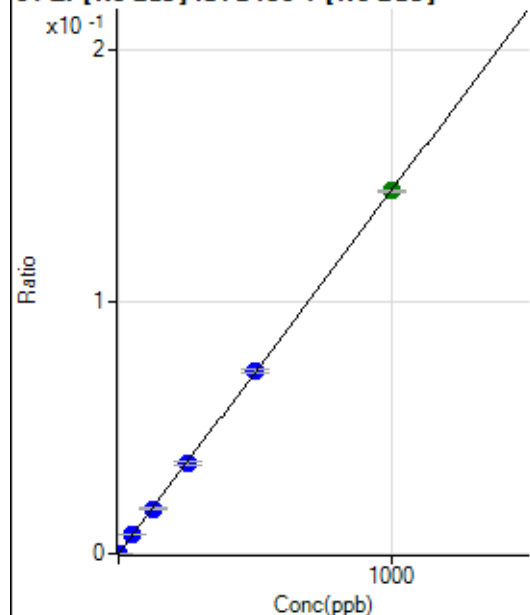
$$R = 1.0000$$

$$DL = 0.04169$$

$$BEC = 0.08399$$

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	163.89	0.0000	P	9.3
2	☐	1.000	0.939	2228.02	0.0001	P	2.8
3	☐	50.000	51.209	111823.47	0.0074	P	1.1
4	☐	125.000	123.279	278068.35	0.0178	P	2.3
5	☐	250.000	248.936	552803.16	0.0359	P	2.3
6	☐	500.000	502.173	1103440.24	0.0725	P	1.9
7	☐	1000.000	999.334	2229908.08	0.1442	A	0.8
8	☐			2033.55	0.0001	P	8.4

$$y = 1.4427E-004 * x + 1.1096E-005$$

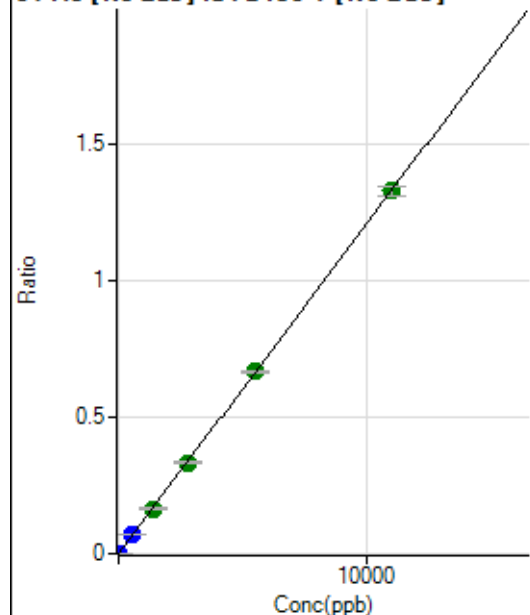
$$R = 1.0000$$

$$DL = 0.02153$$

$$BEC = 0.07691$$

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	363.90	0.0000	P	28.2
2	☐	5.000	5.717	10885.15	0.0007	P	2.5
3	☐	550.000	584.134	1068582.47	0.0707	P	1.7
4	☐	1375.000	1363.477	2578108.45	0.1650	A	2.8
5	☐	2750.000	2757.623	5135236.49	0.3337	A	2.2
6	☐	5500.000	5508.891	10153868.45	0.6666	A	0.5
7	☐	11000.000	10993.382	20564475.29	1.3303	A	2.6
8	☐			14438.99	0.0010	P	19.8

$$y = 1.2101E-004 * x + 2.4603E-005$$

$$R = 1.0000$$

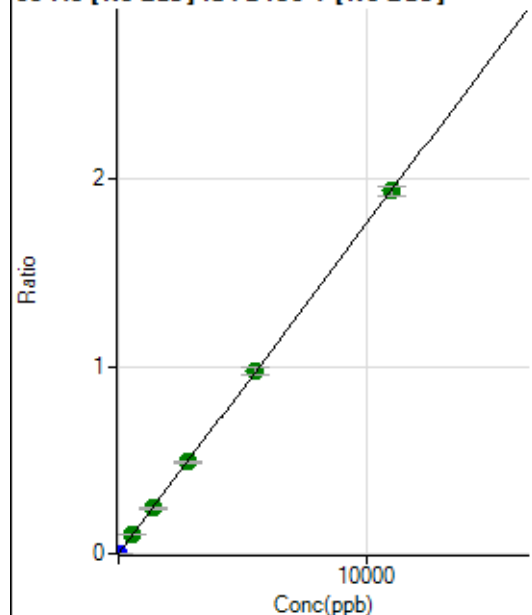
$$DL = 0.1722$$

$$BEC = 0.2033$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	77.78	0.0000	P	32.5
2	☐	5.000	4.880	13165.00	0.0009	P	1.8
3	☐	550.000	569.974	1519923.97	0.1006	A	0.9
4	☐	1375.000	1373.237	3786040.36	0.2423	A	2.1
5	☐	2750.000	2774.705	7533522.65	0.4896	A	2.4
6	☐	5500.000	5516.506	14816482.27	0.9734	A	4.5
7	☐	11000.000	10984.793	29963661.78	1.9382	A	2.6
8	☐			18580.69	0.0013	P	24.3

$$y = 1.7644\text{E-}004 * x + 5.2610\text{E-}006$$

$$R = 1.0000$$

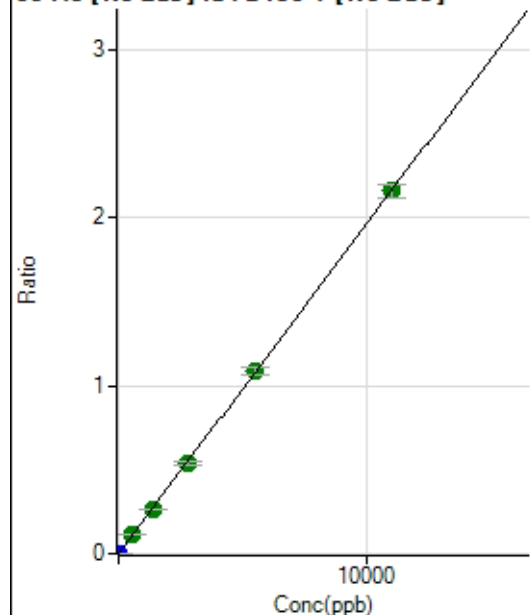
$$DL = 0.02904$$

$$BEC = 0.02982$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	333.35	0.0000	P	20.7
2	☐	5.000	4.929	15064.11	0.0010	P	0.9
3	☐	550.000	564.732	1677750.51	0.1110	A	1.0
4	☐	1375.000	1359.761	4176899.36	0.2673	A	0.9
5	☐	2750.000	2735.372	8270675.27	0.5376	A	3.8
6	☐	5500.000	5521.788	16520327.80	1.0853	A	4.6
7	☐	11000.000	10993.931	33399049.01	2.1608	A	3.6
8	☐			26560.58	0.0018	P	17.4

$$y = 1.9654\text{E-}004 * x + 2.2517\text{E-}005$$

$$R = 1.0000$$

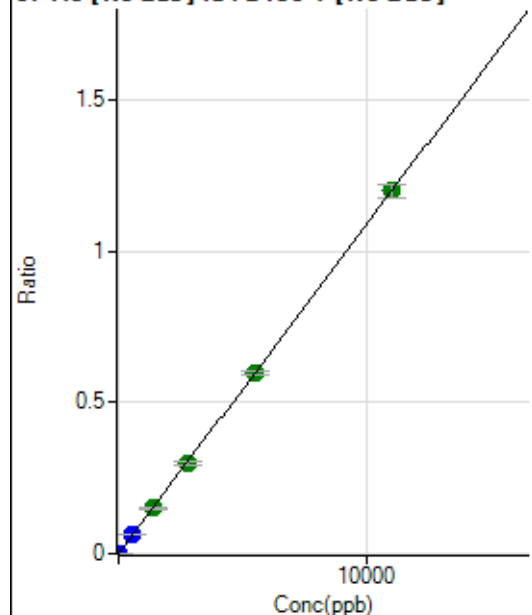
$$DL = 0.071$$

$$BEC = 0.1146$$

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	25.00	0.0000	P	87.9
2	☐	5.000	4.956	8233.26	0.0005	P	3.4
3	☐	550.000	579.463	954559.79	0.0632	P	0.4
4	☐	1375.000	1387.862	2363499.08	0.1513	A	3.0
5	☐	2750.000	2748.793	4608902.53	0.2996	A	3.9
6	☐	5500.000	5468.177	9076442.22	0.5960	A	2.1
7	☐	11000.000	11013.132	18554874.03	1.2004	A	3.4
8	☐			11858.72	0.0008	P	26.1

$$y = 1.0900\text{E-}004 * x + 1.7003\text{E-}006$$

$$R = 1.0000$$

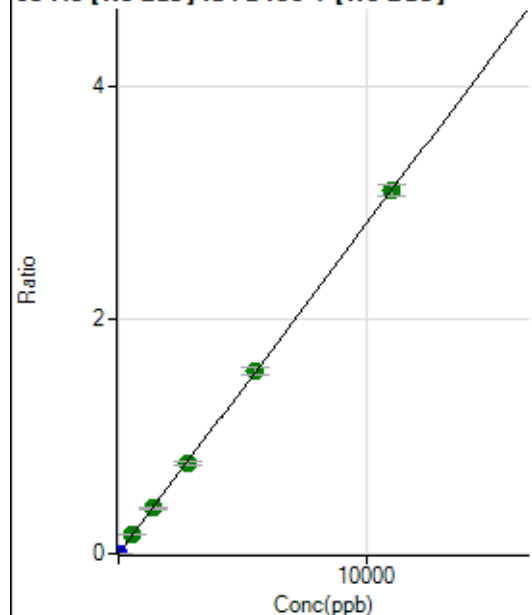
$$DL = 0.04112$$

$$BEC = 0.0156$$

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	141.67	0.0000	P	19.7
2	☐	5.000	4.956	21392.00	0.0014	P	1.2
3	☐	550.000	574.607	2450227.55	0.1621	A	1.0
4	☐	1375.000	1380.594	6085673.44	0.3895	A	3.0
5	☐	2750.000	2742.269	11904884.12	0.7737	A	2.6
6	☐	5500.000	5528.060	23744190.81	1.5597	A	3.8
7	☐	11000.000	10985.973	47911810.79	3.0996	A	3.0
8	☐			29924.97	0.0021	P	18.7

$$y = 2.8214\text{E-}004 * x + 9.5638\text{E-}006$$

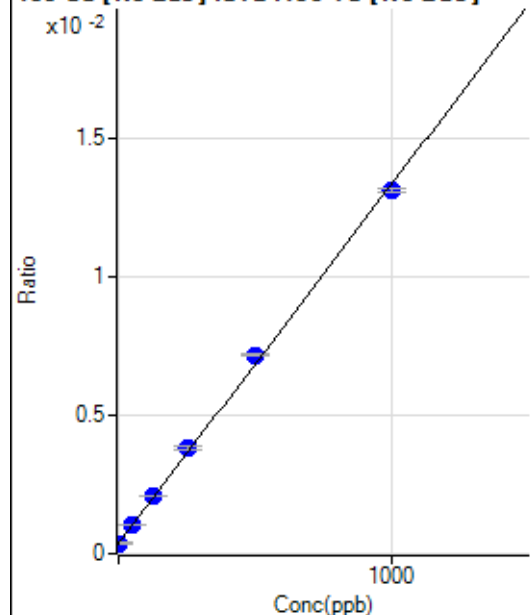
$$R = 1.0000$$

$$DL = 0.02007$$

$$BEC = 0.0339$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	3492.21	0.0004	P	3.7
2	☐	1.000	0.942	3653.36	0.0004	P	3.5
3	☐	50.000	52.730	10379.18	0.0010	P	3.5
4	☐	125.000	131.464	20348.85	0.0021	P	0.8
5	☐	250.000	266.911	38331.91	0.0038	P	2.4
6	☐	500.000	525.843	70246.72	0.0072	P	1.8
7	☐	1000.000	981.906	136539.44	0.0131	P	0.9
8	☐			3656.16	0.0004	P	1.3

$$y = 1.2974\text{E-}005 * x + 3.6361\text{E-}004$$

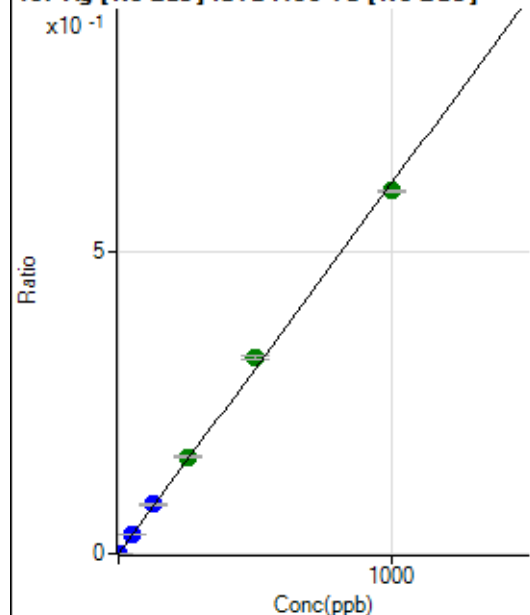
R = 0.9993

DL = 3.073

BEC = 28.03

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	147.23	0.0000	P	21.4
2	☐	1.000	0.960	5876.41	0.0006	P	5.0
3	☐	50.000	52.435	319240.82	0.0322	P	1.4
4	☐	125.000	132.900	802625.36	0.0816	P	3.5
5	☐	250.000	261.874	1611215.23	0.1609	A	0.9
6	☐	500.000	531.605	3191977.31	0.3265	A	2.0
7	☐	1000.000	980.120	6272924.31	0.6020	A	0.8
8	☐			3308.83	0.0003	P	14.7

$$y = 6.1420\text{E-}004 * x + 1.5331\text{E-}005$$

R = 0.9992

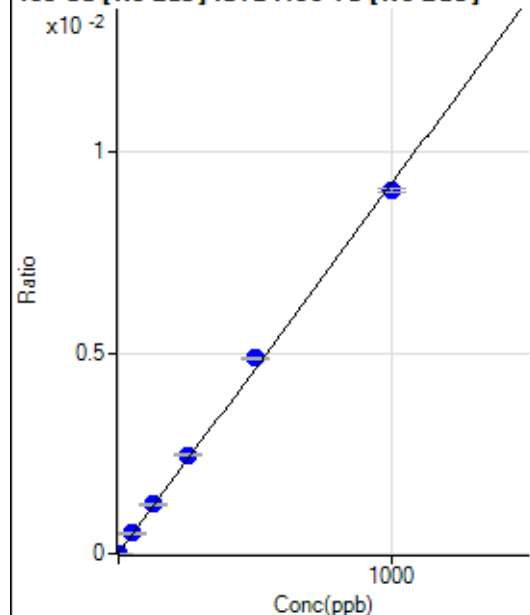
DL = 0.01606

BEC = 0.02496

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	63.89	0.0000	P	10.2
2	☐	1.000	1.019	155.56	0.0000	P	15.8
3	☐	50.000	54.011	4988.47	0.0005	P	1.6
4	☐	125.000	132.331	12031.77	0.0012	P	1.3
5	☐	250.000	265.731	24537.25	0.0025	P	2.5
6	☐	500.000	527.819	47508.09	0.0049	P	0.9
7	☐	1000.000	981.041	94068.74	0.0090	P	1.0
8	☐			138.89	0.0000	P	22.1

$$y = 9.1959\text{E-}006 * x + 6.6535\text{E-}006$$

$$R = 0.9993$$

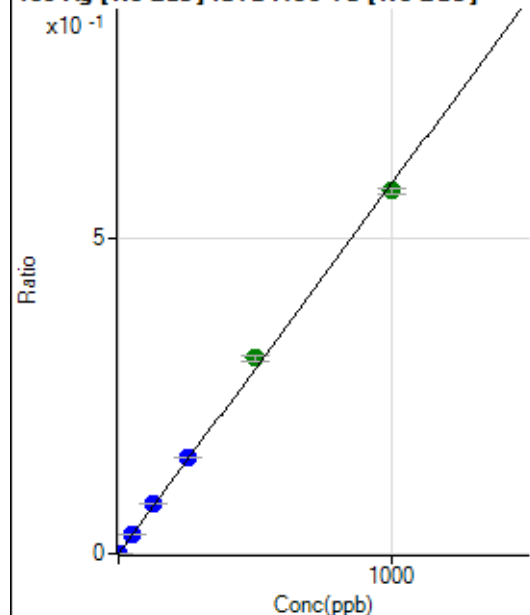
$$DL = 0.2205$$

$$BEC = 0.7235$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	136.12	0.0000	P	40.8
2	☐	1.000	0.980	5718.03	0.0006	P	2.4
3	☐	50.000	53.222	309165.32	0.0312	P	0.8
4	☐	125.000	134.675	776088.36	0.0789	P	0.9
5	☐	250.000	260.035	1526212.31	0.1524	P	1.1
6	☐	500.000	529.633	3032783.77	0.3103	A	2.6
7	☐	1000.000	981.305	5991277.26	0.5750	A	1.2
8	☐			2903.17	0.0003	P	17.6

$$y = 5.8594\text{E-}004 * x + 1.4174\text{E-}005$$

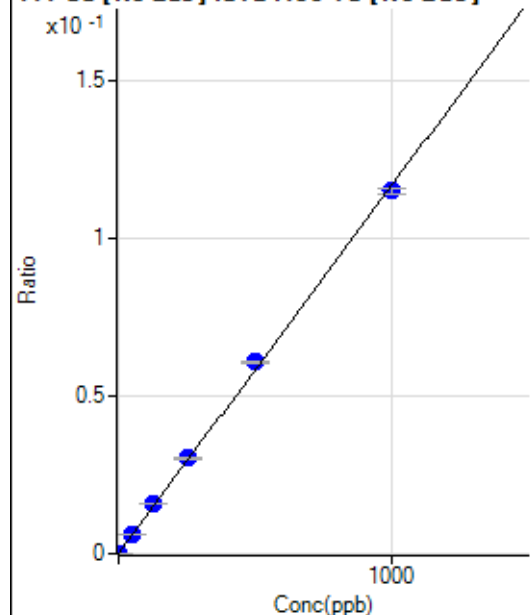
$$R = 0.9993$$

$$DL = 0.02962$$

$$BEC = 0.02419$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	476.90	0.0000	P	5.0
2	☐	1.000	0.886	1486.36	0.0002	P	2.6
3	☐	50.000	52.690	61374.15	0.0062	P	0.4
4	☐	125.000	133.907	154023.07	0.0157	P	1.0
5	☐	250.000	259.373	303382.49	0.0303	P	1.7
6	☐	500.000	520.565	593717.54	0.0607	P	0.7
7	☐	1000.000	986.126	1198553.47	0.1150	P	1.4
8	☐			1299.65	0.0001	P	16.5

$$y = 1.1660\text{E-}004 * x + 4.9664\text{E-}005$$

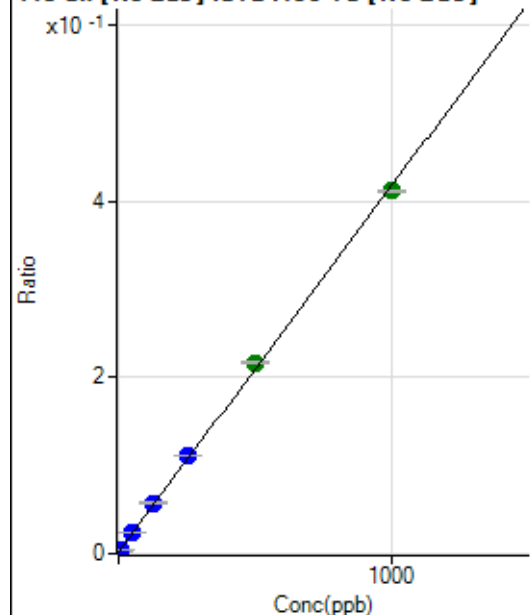
$$R = 0.9996$$

$$DL = 0.06396$$

$$BEC = 0.4259$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	19319.70	0.0020	P	1.3
2	☐	5.000	7.465	49710.64	0.0051	P	2.4
3	☐	50.000	53.965	242204.30	0.0244	P	2.9
4	☐	125.000	134.105	567961.14	0.0578	P	2.4
5	☐	250.000	263.642	1117964.78	0.1116	P	1.3
6	☐	500.000	517.671	2123343.04	0.2172	A	0.5
7	☐	1000.000	986.406	4294242.54	0.4121	A	0.5
8	☐			3564.47	0.0004	P	16.5

$$y = 4.1575\text{E-}004 * x + 0.0020$$

$$R = 0.9997$$

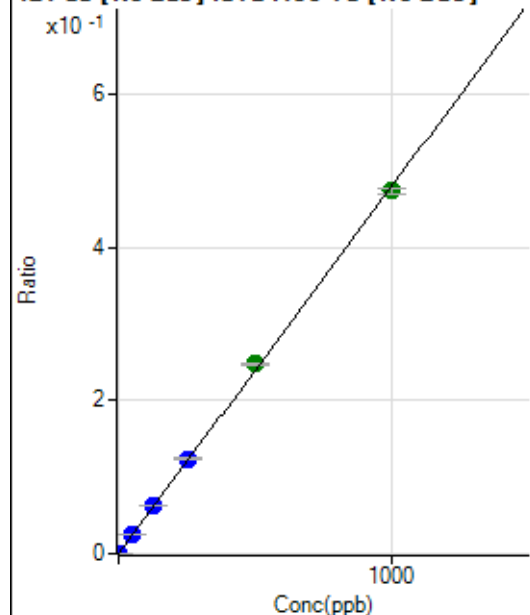
$$DL = 0.1822$$

$$BEC = 4.839$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	116.67	0.0000	P	32.7
2	☐	2.000	1.975	9325.68	0.0010	P	4.9
3	☐	50.000	51.875	246755.46	0.0249	P	1.5
4	☐	125.000	130.696	616735.61	0.0627	P	2.6
5	☐	250.000	258.160	1240994.59	0.1239	P	1.0
6	☐	500.000	517.141	2425806.98	0.2482	A	0.7
7	☐	1000.000	988.584	4943605.32	0.4744	A	1.6
8	☐			6604.58	0.0007	P	2.0

$$y = 4.7988\text{E-}004 * x + 1.2146\text{E-}005$$

$$R = 0.9997$$

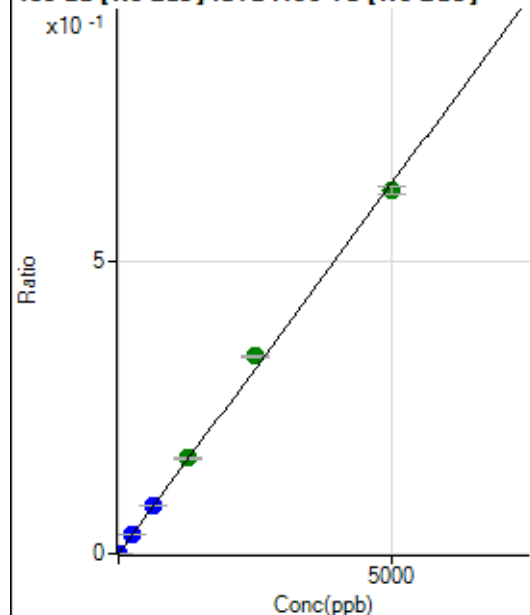
$$DL = 0.02483$$

$$BEC = 0.02531$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	38.89	0.0000	P	25.2
2	☐	10.000	9.567	11783.29	0.0012	P	4.6
3	☐	250.000	261.012	326786.09	0.0330	P	0.4
4	☐	625.000	648.457	805508.24	0.0819	P	2.2
5	☐	1250.000	1288.623	1630591.96	0.1628	A	1.9
6	☐	2500.000	2668.858	3295732.08	0.3372	A	1.0
7	☐	5000.000	4902.434	6453299.93	0.6193	A	2.0
8	☐			4834.39	0.0005	P	14.2

$$y = 1.2633\text{E-}004 * x + 4.0519\text{E-}006$$

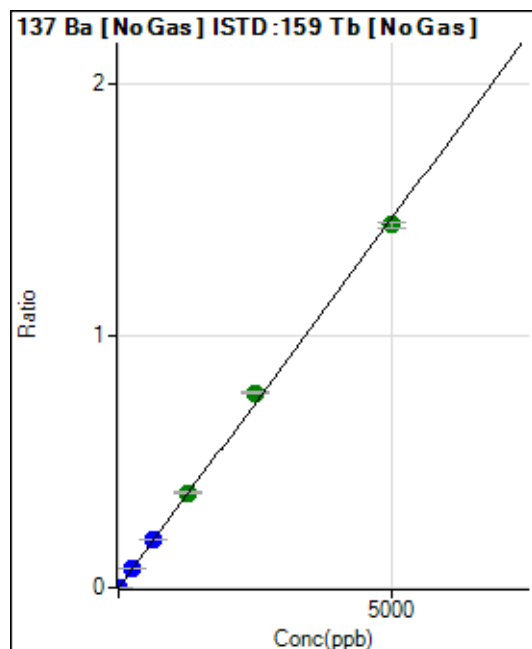
$$R = 0.9991$$

$$DL = 0.02423$$

$$BEC = 0.03207$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	59.44	0.0000	P	35.2
2	☐	10.000	9.743	27772.48	0.0029	P	1.9
3	☐	250.000	262.161	760393.44	0.0767	P	1.0
4	☐	625.000	659.009	1896557.78	0.1929	P	1.2
5	☐	1250.000	1289.362	3780090.07	0.3774	A	0.6
6	☐	2500.000	2636.324	7542026.70	0.7716	A	1.3
7	☐	5000.000	4917.139	14995137.15	1.4391	A	1.9
8	☐			10817.17	0.0011	P	15.7

$$y = 2.9267\text{E-}004 * x + 6.1867\text{E-}006$$

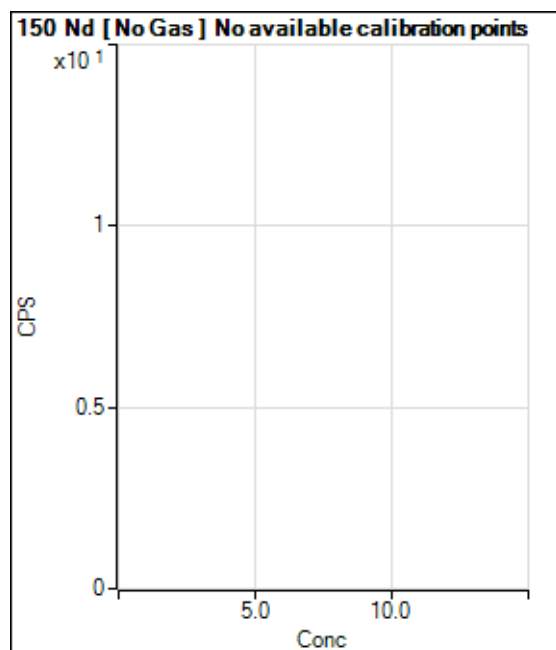
$$R = 0.9994$$

$$DL = 0.02235$$

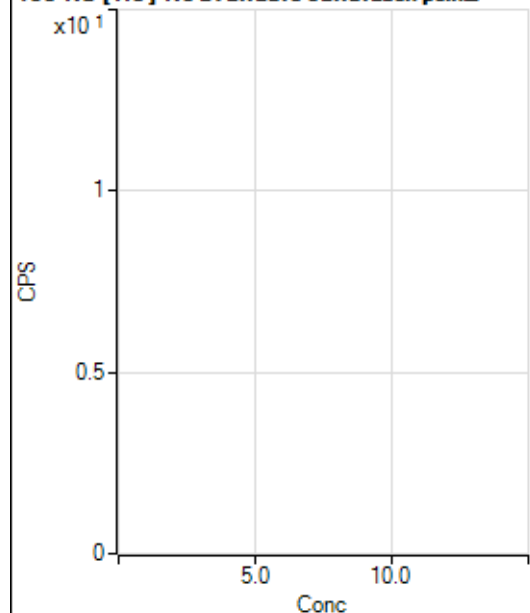
$$BEC = 0.02114$$

Weight: <None>

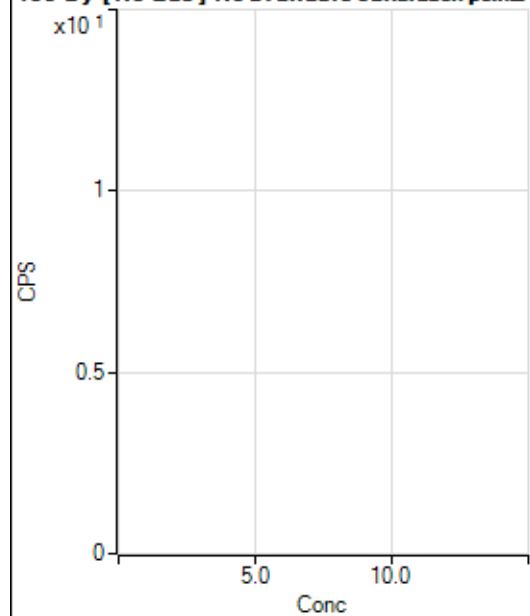
Min Conc: 0



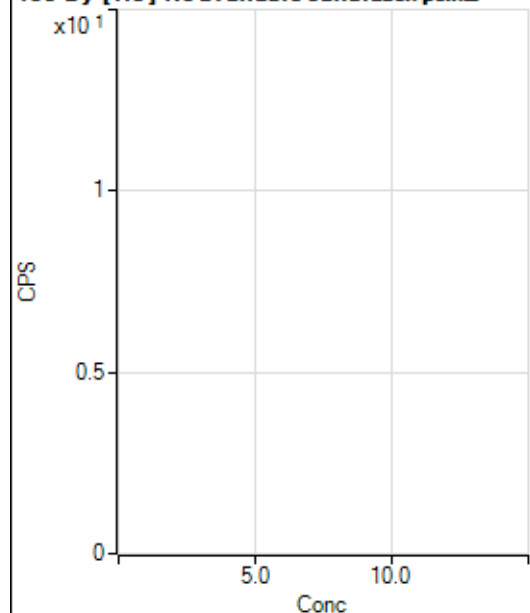
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			13.33		P	50.0
2	☐			11.11		P	69.3
3	☐			22.22		P	45.8
4	☐			73.34		P	18.2
5	☐			102.22		P	43.4
6	☐			240.01		P	2.8
7	☐			417.79		P	10.1
8	☐			75.56		P	43.5

150 Nd [He] No available calibration points

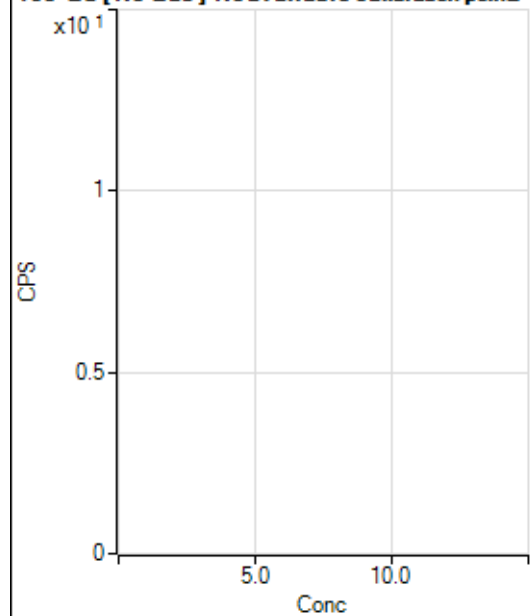
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐			0.00		P	
3	☐			2.22		P	173.2
4	☐			6.67		P	50.0
5	☐			13.33		P	50.0
6	☐			17.78		P	71.0
7	☐			41.11		P	28.5
8	☐			13.33		P	NaN

156 Dy [No Gas] No available calibration points

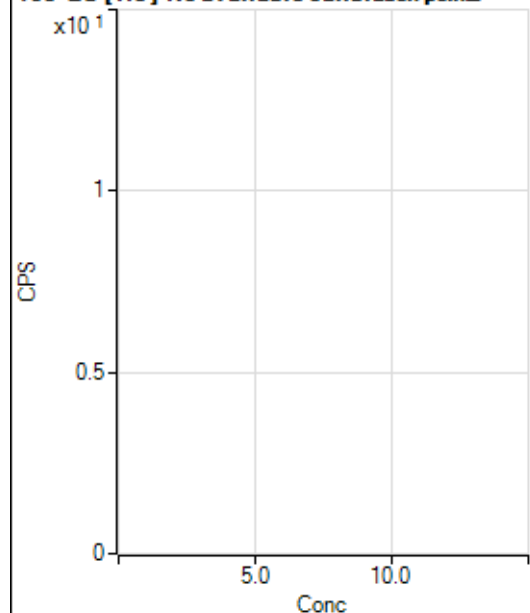
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.89		P	34.7
2	☐			8.33		P	100.0
3	☐			27.78		P	45.8
4	☐			38.89		P	44.6
5	☐			86.11		P	11.2
6	☐			138.89		P	36.7
7	☐			252.79		P	14.9
8	☐			908.39		P	11.1

156 Dy [He] No available calibration points

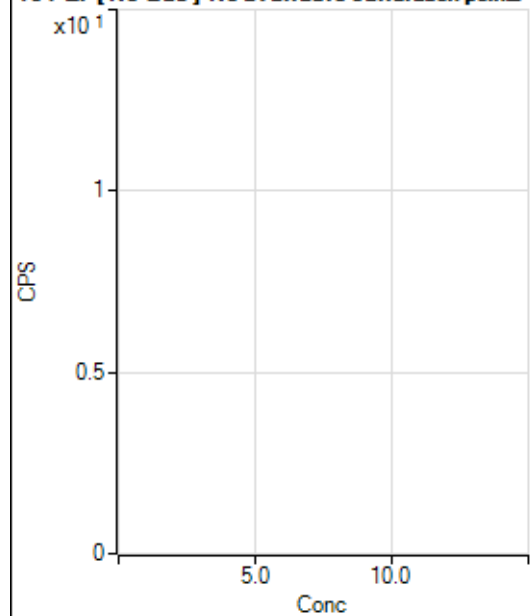
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			2.22		P	86.6
3	☐			11.11		P	69.3
4	☐			18.89		P	27.0
5	☐			28.89		P	37.1
6	☐			53.33		P	16.5
7	☐			114.45		P	14.4
8	☐			357.79		P	10.0

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

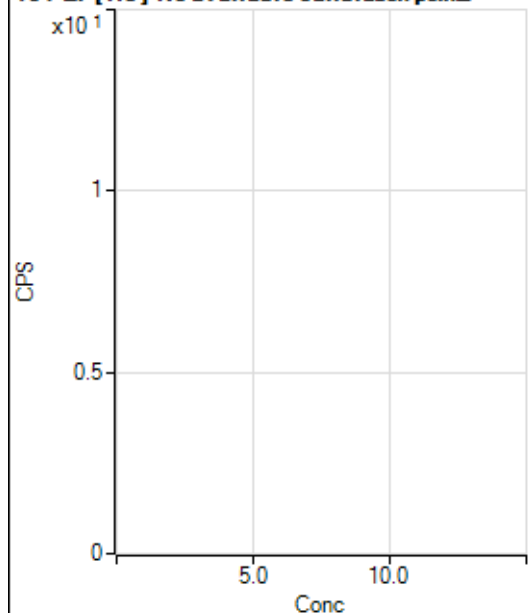
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			55.56		P	31.2
2	☐			66.67		P	33.1
3	☐			63.89		P	19.9
4	☐			94.45		P	45.3
5	☐			69.45		P	50.0
6	☐			169.45		P	18.6
7	☐			283.35		P	29.0
8	☐			852.83		P	4.6

160 Gd [He] No available calibration points

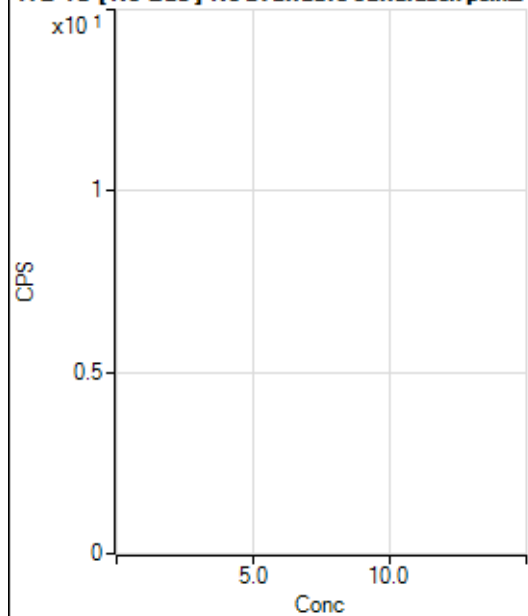
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			66.67		P	21.8
2	☐			70.00		P	4.8
3	☐			81.11		P	22.6
4	☐			70.00		P	23.8
5	☐			88.89		P	17.7
6	☐			97.78		P	22.7
7	☐			166.67		P	20.9
8	☐			425.57		P	13.8

164 Er [No Gas] No available calibration points

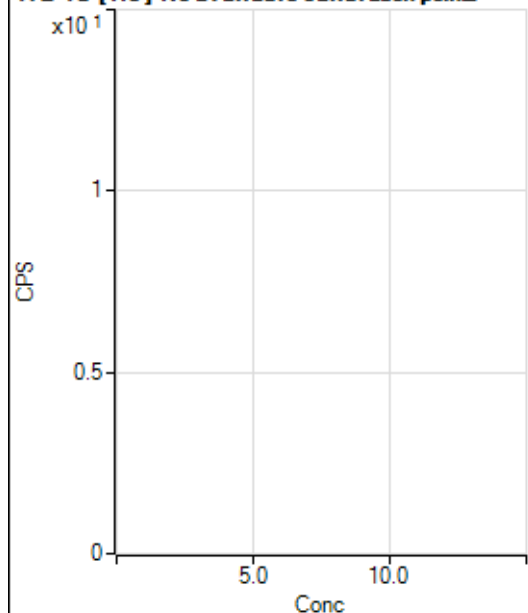
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	45.8
2	☐			66.67		P	50.0
3	☐			72.23		P	46.6
4	☐			80.56		P	11.9
5	☐			94.45		P	33.4
6	☐			113.89		P	18.4
7	☐			122.23		P	20.8
8	☐			152.79		P	25.2

164 Er [He] No available calibration points

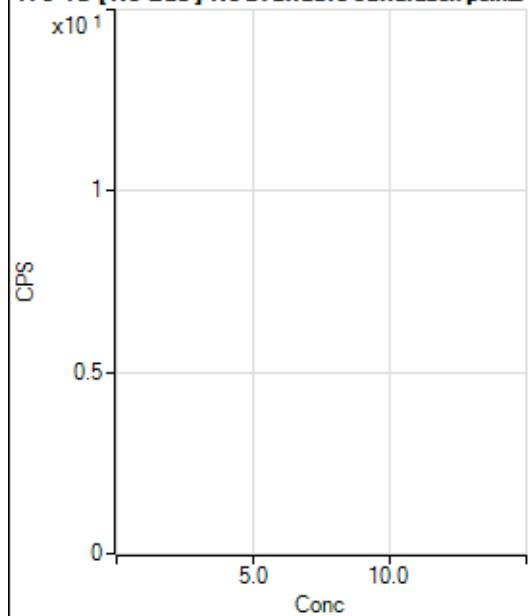
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			21.11		P	50.8
2	☐			27.78		P	30.2
3	☐			26.66		P	21.7
4	☐			33.34		P	17.3
5	☐			32.22		P	15.8
6	☐			41.11		P	4.7
7	☐			51.11		P	19.9
8	☐			66.67		P	22.9

172 Yb [No Gas] No available calibration points

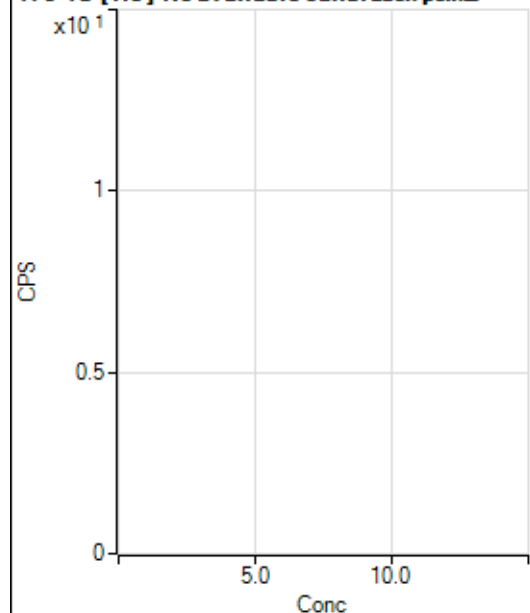
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			36.11		P	13.3
2	☐			27.78		P	45.8
3	☐			22.22		P	21.6
4	☐			38.89		P	101.3
5	☐			36.11		P	26.7
6	☐			41.67		P	34.6
7	☐			52.78		P	36.5
8	☐			83.34		P	30.0

172 Yb [He] No available calibration points

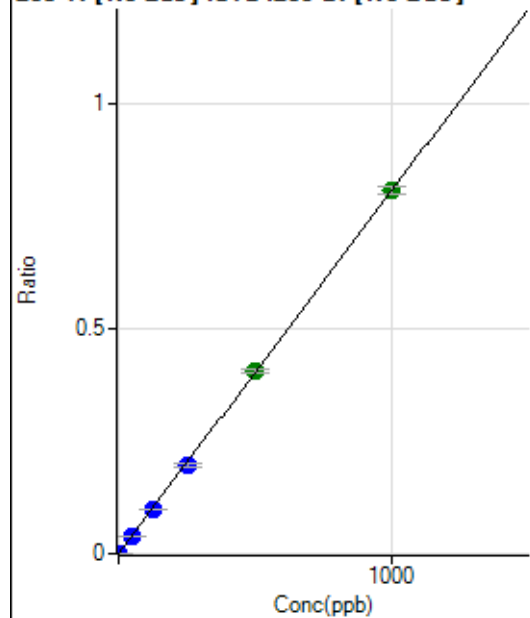
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			18.52		P	62.4
2	☐			5.56		P	100.0
3	☐			20.37		P	63.0
4	☐			22.22		P	50.0
5	☐			20.37		P	83.3
6	☐			25.93		P	53.9
7	☐			24.07		P	35.2
8	☐			50.00		P	22.2

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			933.40		P	13.9
2	☐			1044.52		P	9.5
3	☐			1861.29		P	9.0
4	☐			3072.67		P	4.7
5	☐			5781.96		P	3.5
6	☐			9970.69		P	3.2
7	☐			19921.08		P	3.0
8	☐			1022.29		P	8.7

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5404.92		P	8.4
2	☐			5473.45		P	3.3
3	☐			5747.66		P	4.2
4	☐			6477.65		P	3.2
5	☐			7724.60		P	2.0
6	☐			9522.14		P	1.5
7	☐			13325.40		P	0.7
8	☐			5697.63		P	3.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1266.76	0.0002	P	4.4
2	☐	1.000	0.903	5215.07	0.0010	P	1.5
3	☐	50.000	49.168	218444.82	0.0399	P	2.6
4	☐	125.000	121.118	543135.23	0.0978	P	1.7
5	☐	250.000	244.483	1101560.22	0.1972	P	3.9
6	☐	500.000	503.492	2215678.31	0.4059	A	2.4
7	☐	1000.000	1000.160	4503043.42	0.8061	A	2.1
8	☐			3358.90	0.0007	P	16.6

$$y = 8.0578E-004 * x + 2.3519E-004$$

$$R = 1.0000$$

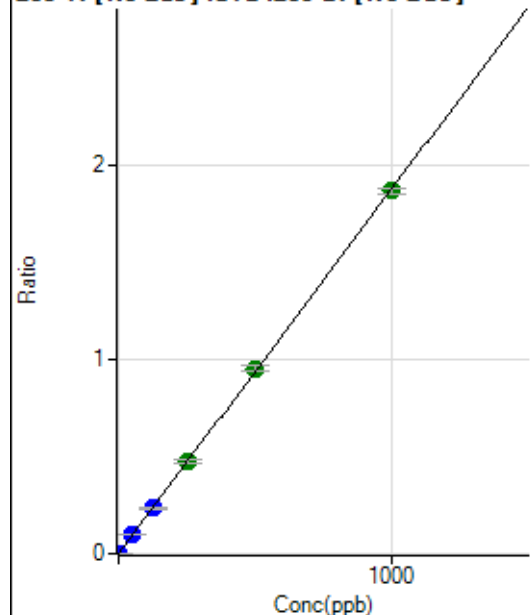
$$DL = 0.03817$$

$$BEC = 0.2919$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	3003.24	0.0006	P	2.4
2	☐	1.000	0.897	12153.24	0.0022	P	3.1
3	☐	50.000	50.944	528037.33	0.0963	P	1.8
4	☐	125.000	123.868	1296156.13	0.2334	P	0.7
5	☐	250.000	252.532	2655456.42	0.4754	A	3.0
6	☐	500.000	507.752	5213172.77	0.9552	A	3.0
7	☐	1000.000	995.585	10459203.36	1.8724	A	1.4
8	☐			7744.28	0.0016	P	16.1

$$y = 0.0019 * x + 5.5781E-004$$

$$R = 0.9999$$

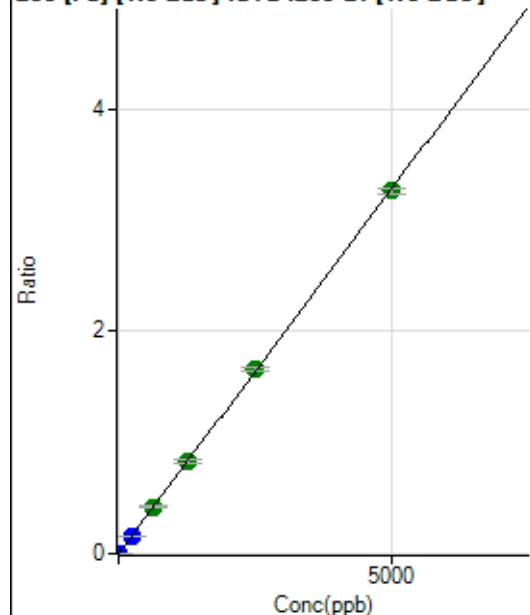
$$DL = 0.02164$$

$$BEC = 0.2967$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	761.15	0.0001	P	9.5
2	☐	1.000	0.946	4122.96	0.0008	P	4.8
3	☐	250.000	242.753	873478.93	0.1593	P	1.5
4	☐	625.000	643.959	2345231.85	0.4225	A	2.4
5	☐	1250.000	1266.722	4642192.64	0.8309	A	2.6
6	☐	2500.000	2538.360	9089446.21	1.6649	A	2.3
7	☐	5000.000	4974.632	18226312.21	3.2626	A	1.9
8	☐			15328.30	0.0031	P	14.4

$$y = 6.5582E-004 * x + 1.4132E-004$$

$$R = 0.9999$$

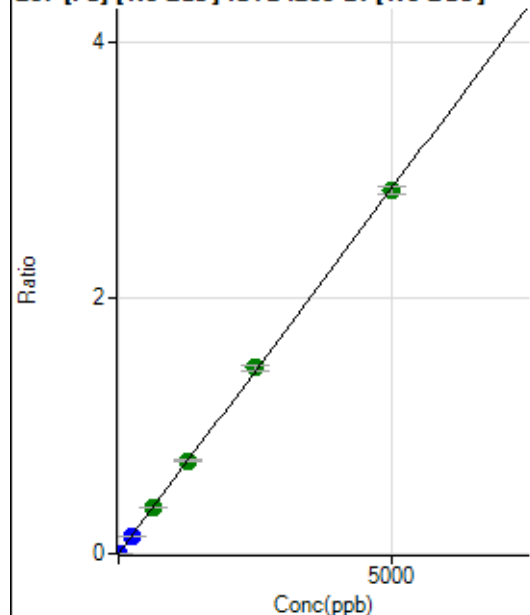
$$DL = 0.0612$$

$$BEC = 0.2155$$

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	727.81	0.0001	P	10.5
2	☐	1.000	0.929	3602.42	0.0007	P	2.9
3	☐	250.000	245.715	768996.90	0.1403	P	2.7
4	☐	625.000	630.926	1998753.47	0.3600	A	2.0
5	☐	1250.000	1276.349	4068388.29	0.7282	A	2.4
6	☐	2500.000	2546.264	7928250.87	1.4526	A	2.4
7	☐	5000.000	4969.754	15838111.23	2.8350	A	2.1
8	☐			13034.67	0.0026	P	14.0

$$y = 5.7042\text{E-}004 * x + 1.3516\text{E-}004$$

$$R = 0.9999$$

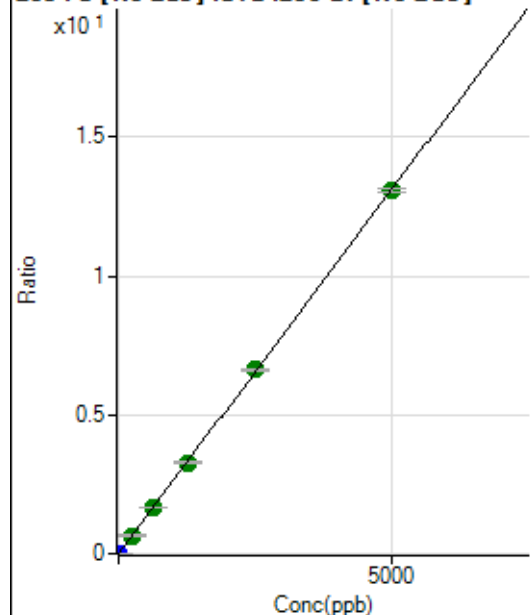
$$DL = 0.07481$$

$$BEC = 0.2369$$

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	3259.49	0.0006	P	1.0
2	☐	1.000	0.935	16545.20	0.0031	P	1.9
3	☐	250.000	250.471	3602543.14	0.6572	A	1.8
4	☐	625.000	632.426	9207089.37	1.6584	A	2.0
5	☐	1250.000	1254.531	18376836.69	3.2891	A	2.8
6	☐	2500.000	2526.356	36152187.55	6.6230	A	1.8
7	☐	5000.000	4984.738	73000119.69	13.0672	A	1.2
8	☐			60303.27	0.0121	P	13.1

$$y = 0.0026 * x + 6.0535\text{E-}004$$

$$R = 1.0000$$

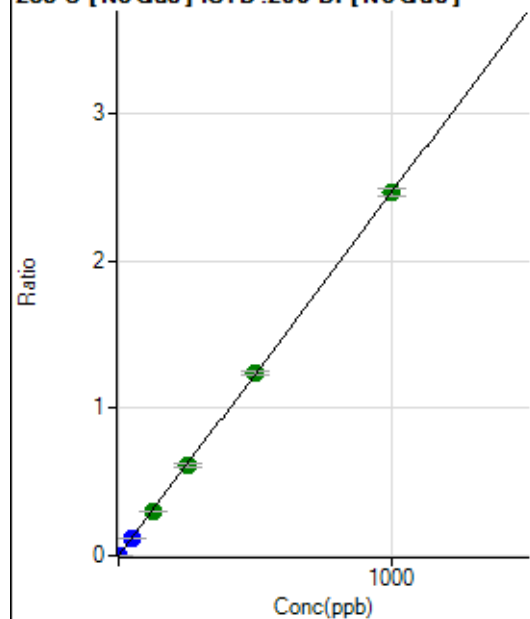
$$DL = 0.007104$$

$$BEC = 0.2309$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8.33	0.0000	P	1.0
2	☐	1.000	0.901	12036.63	0.0022	P	2.8
3	☐	50.000	48.244	651841.60	0.1189	P	2.1
4	☐	125.000	122.268	1673378.75	0.3014	A	0.9
5	☐	250.000	248.613	3422791.18	0.6128	A	3.6
6	☐	500.000	503.389	6772381.79	1.2407	A	1.9
7	☐	1000.000	999.081	13757151.00	2.4624	A	2.0
8	☐			7013.39	0.0014	P	29.9

$$y = 0.0025 * x + 1.5470E-006$$

$$R = 1.0000$$

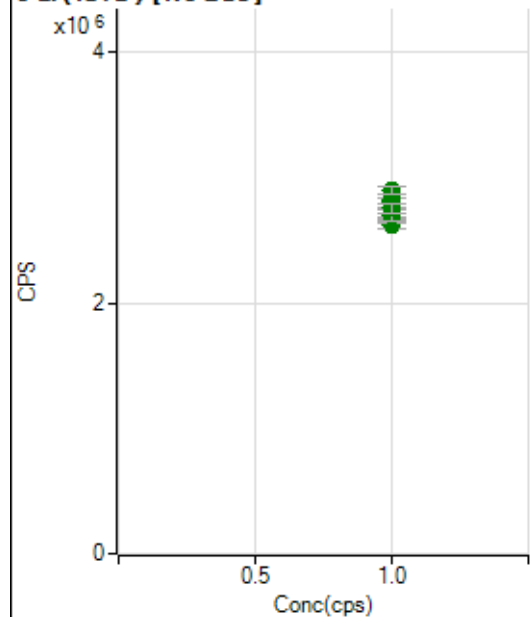
$$DL = 1.889E-05$$

$$BEC = 0.0006277$$

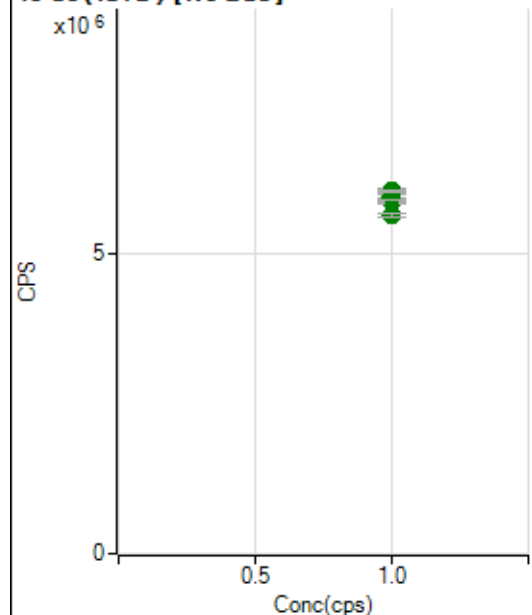
Weight: <None>

Min Conc: 0

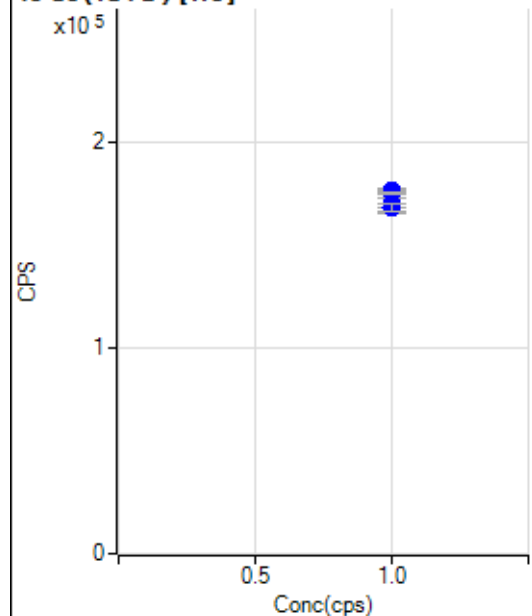
6 Li (ISTD) [No Gas]



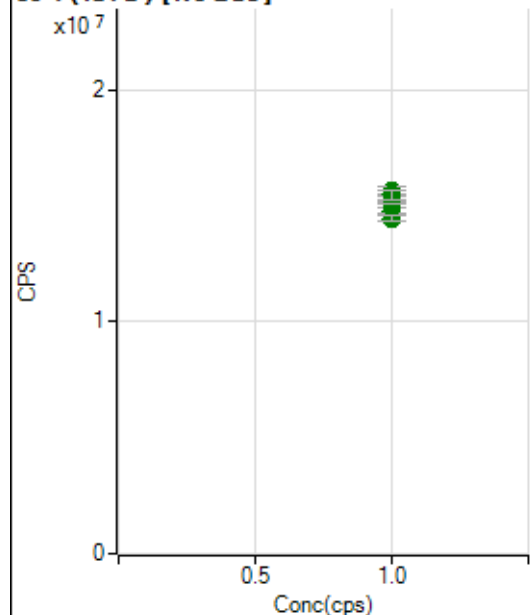
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2617844.26		A	1.3
2	☐	1.000		2676984.52		A	0.5
3	☐	1.000		2641396.03		A	0.5
4	☐	1.000		2703311.60		A	3.4
5	☐	1.000		2816292.03		A	1.2
6	☐	1.000		2814692.15		A	3.5
7	☐	1.000		2895245.49		A	2.0
8	☐	1.000		2761725.02		A	2.8

45 Sc (ISTD) [No Gas]

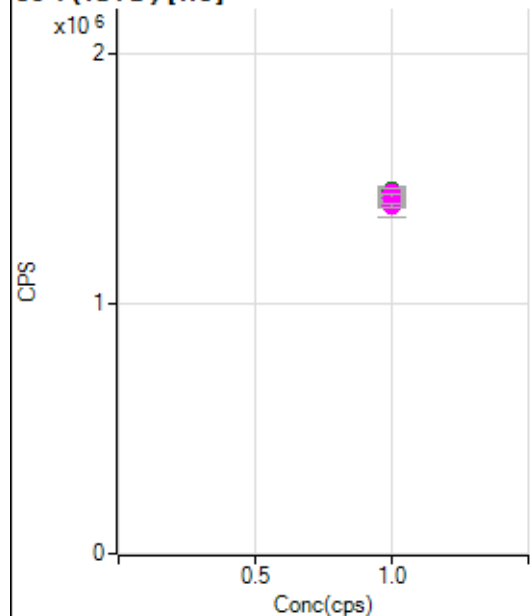
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5875996.58		A	1.9
2	☐	1.000		5984222.83		A	1.7
3	☐	1.000		5921324.01		A	2.4
4	☐	1.000		5997513.80		A	3.0
5	☐	1.000		6012839.77		A	0.6
6	☐	1.000		5968354.29		A	2.9
7	☐	1.000		6047860.95		A	0.5
8	☐	1.000		5646122.14		A	1.5

45 Sc (ISTD) [He]

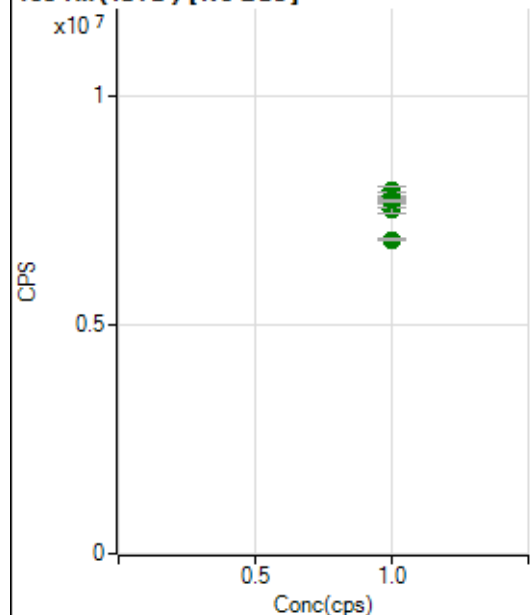
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		170524.91		P	2.6
2	☐	1.000		175026.91		P	0.5
3	☐	1.000		170401.78		P	6.2
4	☐	1.000		176361.36		P	1.2
5	☐	1.000		176157.00		P	1.2
6	☐	1.000		174405.39		P	2.2
7	☐	1.000		175467.12		P	0.3
8	☐	1.000		168319.88		P	2.1

89 Y (ISTD) [No Gas]

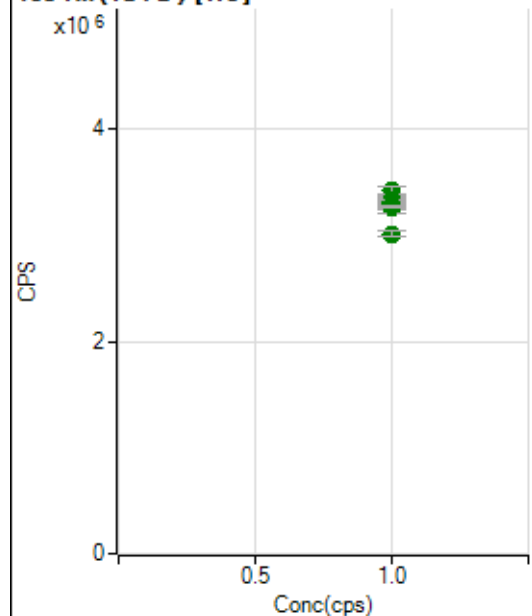
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14785231.45		A	1.7
2	☐	1.000		15196944.08		A	1.0
3	☐	1.000		15112910.89		A	0.5
4	☐	1.000		15629637.68		A	2.1
5	☐	1.000		15395327.96		A	3.2
6	☐	1.000		15232502.69		A	2.4
7	☐	1.000		15465452.69		A	2.5
8	☐	1.000		14436626.04		A	1.7

89 Y (ISTD) [He]

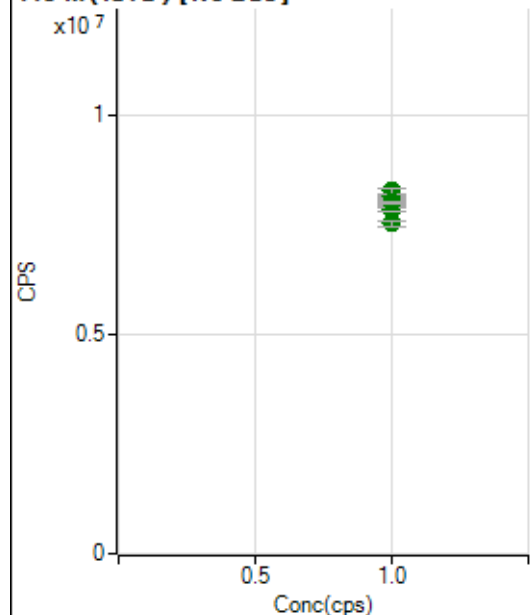
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1410248.94		M	2.0
2	☐	1.000		1425649.60		A	1.2
3	☐	1.000		1398315.43		A	7.7
4	☐	1.000		1452476.96		A	2.5
5	☐	1.000		1445741.92		A	0.6
6	☐	1.000		1447661.96		M	1.7
7	☐	1.000		1422752.20		M	2.5
8	☐	1.000		1391701.33		M	1.3

103 Rh (ISTD) [No Gas]

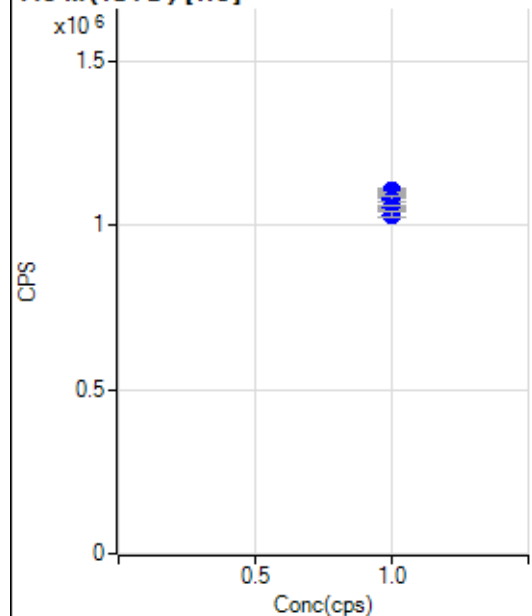
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7669819.44		A	0.9
2	☐	1.000		7674629.17		A	0.3
3	☐	1.000		7688304.51		A	1.8
4	☐	1.000		7912343.75		A	2.9
5	☐	1.000		7812918.58		A	2.0
6	☐	1.000		7493173.61		A	1.4
7	☐	1.000		7707850.69		A	0.5
8	☐	1.000		6852708.31		A	0.9

103 Rh (ISTD) [He]

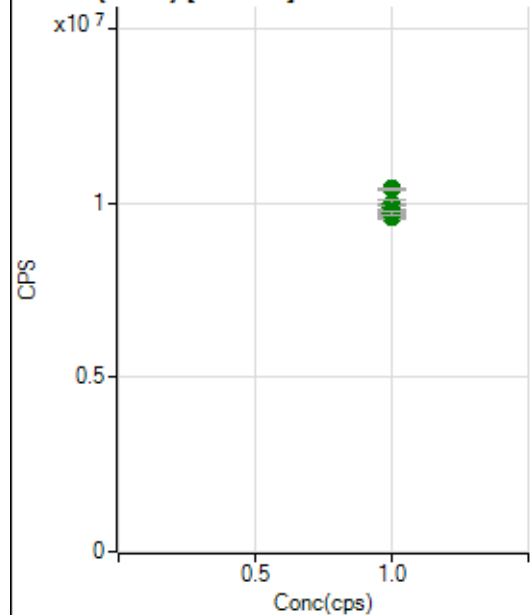
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3267382.84		A	1.0
2	☐	1.000		3317639.22		A	1.0
3	☐	1.000		3292721.03		A	4.7
4	☐	1.000		3418589.57		A	2.1
5	☐	1.000		3330305.37		A	0.8
6	☐	1.000		3308555.19		A	1.8
7	☐	1.000		3271846.03		A	0.5
8	☐	1.000		3013843.05		A	1.7

115 In (ISTD) [No Gas]

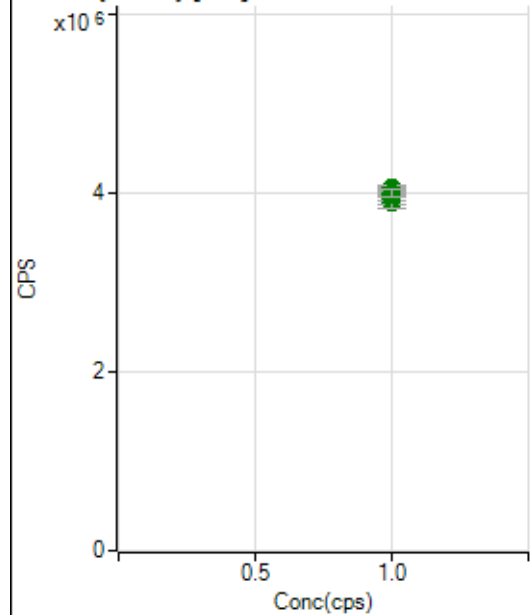
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7976983.67		A	0.2
2	☐	1.000		8052599.71		A	2.6
3	☐	1.000		8115401.72		A	0.9
4	☐	1.000		8163144.64		A	1.3
5	☐	1.000		8291875.94		A	1.4
6	☐	1.000		7878697.89		A	1.1
7	☐	1.000		8030067.27		A	0.5
8	☐	1.000		7538275.96		A	1.5

115 In (ISTD) [He]

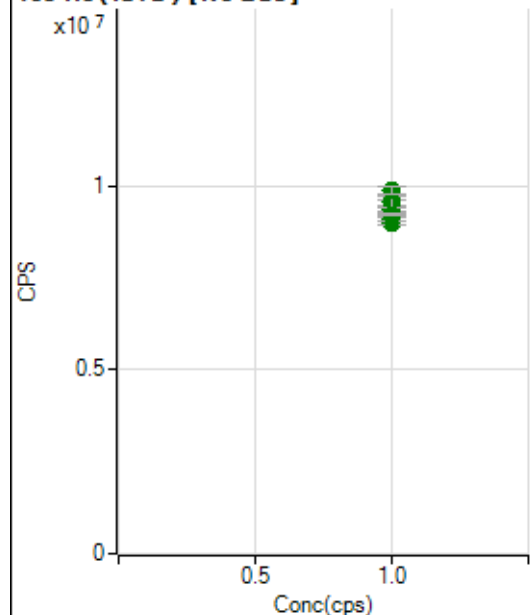
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1089147.71		P	1.6
2	☐	1.000		1103776.49		P	0.9
3	☐	1.000		1083736.21		P	5.5
4	☐	1.000		1102073.67		P	0.6
5	☐	1.000		1097776.51		P	0.4
6	☐	1.000		1078638.07		P	1.7
7	☐	1.000		1053340.91		P	0.6
8	☐	1.000		1032419.68		P	1.4

159 Tb (ISTD) [No Gas]

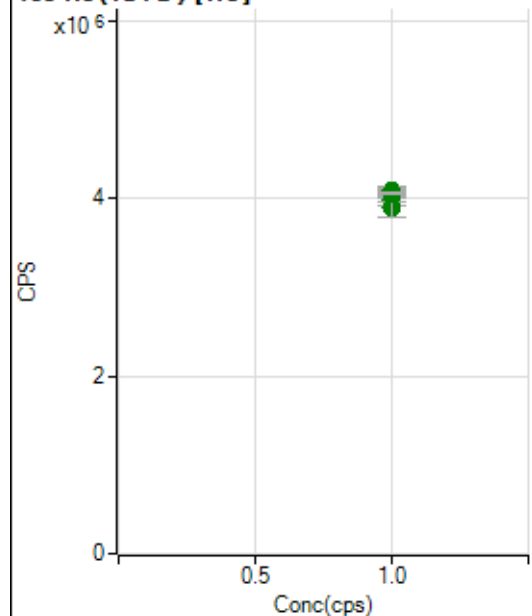
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9603443.88		A	0.5
2	☐	1.000		9719564.30		A	1.1
3	☐	1.000		9909302.35		A	1.7
4	☐	1.000		9834143.33		A	1.6
5	☐	1.000		10017335.68		A	2.0
6	☐	1.000		9774130.89		A	1.1
7	☐	1.000		10419888.53		A	0.7
8	☐	1.000		9725590.27		A	1.1

159 Tb (ISTD) [He]

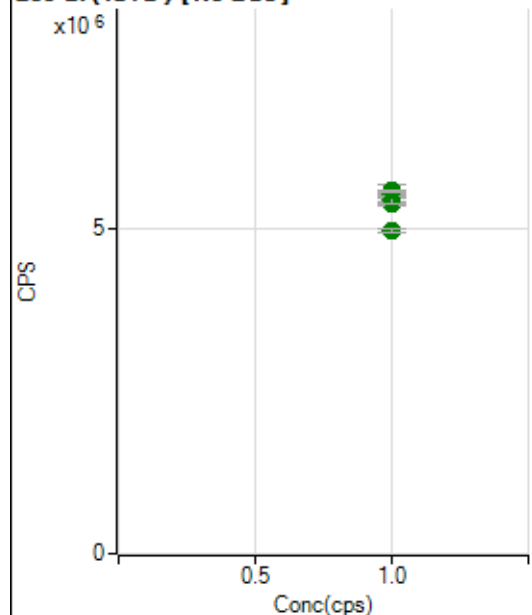
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3892132.55		A	0.9
2	☐	1.000		3938611.61		A	1.4
3	☐	1.000		3963569.59		A	6.9
4	☐	1.000		4014714.21		A	1.2
5	☐	1.000		4044477.65		A	1.4
6	☐	1.000		3984166.12		A	1.3
7	☐	1.000		4061825.91		A	1.3
8	☐	1.000		4006125.36		A	2.2

165 Ho (ISTD) [No Gas]

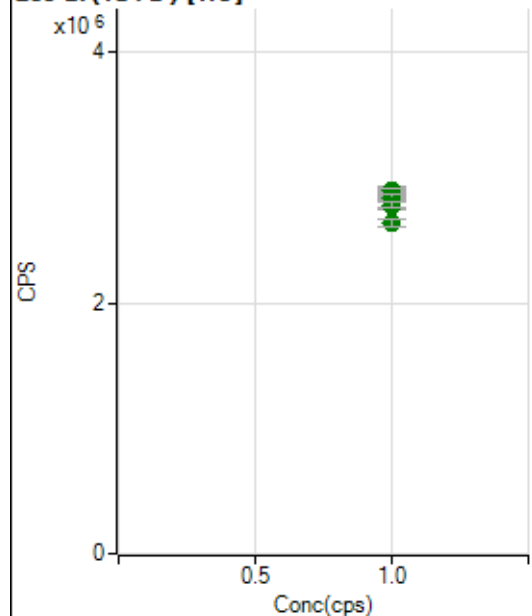
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9007260.01		A	1.1
2	☐	1.000		9096680.06		A	0.9
3	☐	1.000		9367147.26		A	1.6
4	☐	1.000		9407066.88		A	1.5
5	☐	1.000		9432112.54		A	3.9
6	☐	1.000		9567915.84		A	3.2
7	☐	1.000		9875336.33		A	2.1
8	☐	1.000		9232851.33		A	0.3

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3959580.18		A	2.3
2	☐	1.000		3978568.97		A	1.3
3	☐	1.000		3904411.64		A	6.4
4	☐	1.000		4062017.54		A	1.2
5	☐	1.000		4081191.05		A	1.5
6	☐	1.000		4081160.36		A	2.0
7	☐	1.000		4057134.94		A	0.9
8	☐	1.000		4054253.38		A	1.0

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5384833.32		A	1.0
2	☐	1.000		5416756.20		A	1.9
3	☐	1.000		5482699.78		A	2.5
4	☐	1.000		5552682.49		A	1.5
5	☐	1.000		5589993.11		A	3.5
6	☐	1.000		5459845.68		A	2.0
7	☐	1.000		5586429.57		A	0.7
8	☐	1.000		4969191.18		A	1.1

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2829392.28		A	0.4
2	☐	1.000		2885313.46		A	1.3
3	☐	1.000		2841790.76		A	6.6
4	☐	1.000		2868953.02		A	0.6
5	☐	1.000		2894897.63		A	1.4
6	☐	1.000		2838165.41		A	2.2
7	☐	1.000		2779069.13		A	1.7
8	☐	1.000		2639886.97		A	2.1

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P8121621-MS.b
Acq. Date-Time 2021-12-16 11:19:16
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		8300	82999.41			1.038	5.000
24		76616	766163.65			1.306	5.000
25		10442	104417.15			1.054	5.000
26		12169	121686.72			1.287	5.000
59		19952	199518.04			0.874	5.000
113		8752	87517.38			0.863	5.000
115		28414	284144.08			1.193	5.000
206		11580	115801.12			1.019	5.000
207		9709	97085.34			1.080	5.000
208		24049	240492.87			0.822	5.000
220		1	6.70			23.950	

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

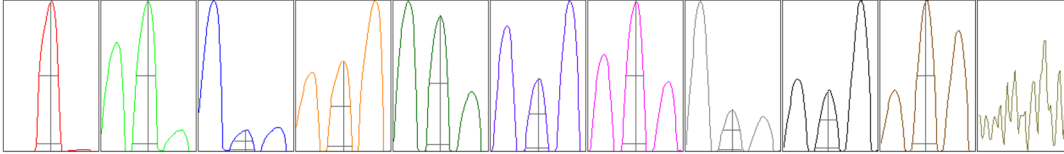
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	8238	8306	8444	8281	8230
24	77754	77401	76614	76011	75302
25	10555	10480	10516	10370	10288
26	12284	12183	12327	12119	11930
59	20001	19994	20133	19970	19662
113	8743	8807	8840	8722	8646
115	28226	28579	28896	28359	28012
206	11493	11577	11775	11479	11576
207	9593	9690	9879	9673	9709
208	23813	24061	24357	24038	23977

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	14850.04	9.00	8.90 - 9.10	
24	133095.64	24.00	23.90 - 24.10	
25	18123.94	25.00	24.90 - 25.10	
26	20641.12	26.05	25.90 - 26.10	
59	36559.56	59.00	58.90 - 59.10	
113	17204.06	113.05	112.90 - 113.10	
115	55246.20	115.05	114.90 - 115.10	
206	22071.41	206.00	205.90 - 206.10	
207	18593.36	206.95	206.90 - 207.10	
208	45999.88	207.95	207.90 - 208.10	
220			-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.60	0.781	0.900	
24	0.61	0.787	0.900	
25	0.61	0.786	0.900	
26	0.62	0.785	0.900	
59	0.58	0.737	0.900	
113	0.53	0.731	0.900	
115	0.53	0.756	0.900	
206	0.54	0.756	0.900	
207	0.54	0.777	0.900	
208	0.54	0.776	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	10.5 V	Deflect	15.6 V
Extract 2	-215.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-100 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		4226	42261.46			1.247	
89		13044	130442.01			1.480	
205		21972	219719.14			1.894	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	4298	4265	4200	4173	4195
89	13292	13138	13064	12783	12944
205	22507	22215	21596	21521	22021

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	10.5 V	Deflect	5.0 V

US EPA Tune Check Report

Extract 2	-215.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-100 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 :	LB117862	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE083	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 11:22:20	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				96		%
Bismuth	209-2				99		%
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				97		%
Holmium	165-2				101		%
Indium	115-1				96		%
Indium	115-2				99		%
Iron	54-2						ppb
Iron	56-2						ppb
Iron	57-2						ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE083	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 11:22:20	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				98		%
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				96		%
Rhodium	103-2				100		%
Scandium	45-1				97		%
Scandium	45-2				98		%
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				96		%
Terbium	159-2				99		%
Thallium	203-1						ppb
Thallium	205-1						ppb
Tin	118-1						ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE083	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 11:22:20	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				99		%
Zinc	66-2						ppb
Zirconium	90-1						ppb
Zirconium	91-1						ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 12:06:59	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.26	-0.45	0.19	0.00	N/A	ppb
Antimony	121-1	-0.01	0.00	0.01	0.00	N/A	ppb
Arsenic	75-2	0.02	-0.01	-0.01	0.00	N/A	ppb
Barium	135-1	0.01	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.01	-0.01	0.00	N/A	ppb
Beryllium	9-1	0.00	-0.01	0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.07	0.42	-0.36	0.00	N/A	ppb
Boron	11-1	0.10	0.06	-0.16	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	111-1	0.00	-0.02	0.02	0.00	N/A	ppb
Cadmium	106-1	-0.07	1.06	-0.99	0.00	N/A	ppb
Cadmium	108-1	-0.01	-0.07	0.08	0.00	N/A	ppb
Calcium	43-1	-0.54	0.20	0.33	0.00	N/A	ppb
Calcium	44-1	-0.82	-0.49	1.31	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.02	0.03	0.00	N/A	ppb
Cobalt	59-2	0.00	-0.01	0.01	0.00	N/A	ppb
Copper	63-2	0.00	-0.01	0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	-0.50	-0.73	1.22	0.00	N/A	ppb
Iron	56-2	0.07	0.04	-0.11	0.00	N/A	ppb
Iron	57-2	-0.82	1.06	-0.25	0.00	N/A	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 12:06:59	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.00	-0.02	0.02	0.00	N/A	ppb
Lead	207-1	-0.01	0.03	-0.02	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.58	0.45	0.12	0.00	N/A	ppb
Manganese	55-2	0.03	-0.03	0.00	0.00	N/A	ppb
Molybdenum	94-1	-0.04	0.07	-0.02	0.00	N/A	ppb
Molybdenum	95-1	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.03	-0.02	-0.01	0.00	N/A	ppb
Molybdenum	97-1	-0.02	0.01	0.01	0.00	N/A	ppb
Molybdenum	98-1	0.01	0.00	-0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.03	-0.01	0.00	N/A	ppb
Phosphorus	31-2	19.14	-45.18	17.23	-2.94		ppb
Potassium	39-2	-2.93	-4.14	7.07	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.68	0.61	0.07	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.05	0.12	-0.16	0.00	N/A	ppb
Silicon	28-1	-2.26	-0.91	3.18	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.01	0.00	N/A	ppb
Silver	109-1	-0.01	-0.01	0.01	0.00	N/A	ppb
Sodium	23-2	-0.26	-1.81	2.07	0.00	N/A	ppb
Strontium	86-1	0.02	-0.03	0.00	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-23.55	109.74	262.94	116.38	123.18	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	-0.01	-0.01	0.01	0.00	N/A	ppb
Thallium	205-1	0.01	0.00	-0.01	0.00	N/A	ppb
Tin	118-1	-0.06	0.00	0.06	0.00	N/A	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 12:06:59	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.02	-0.04	0.06	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	-0.01	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	0.05	-0.04	-0.01	0.00	N/A	ppb
Zirconium	90-1	-0.02	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 :	LB117862	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 12:13:09	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.19	18.95	19.07	18.73	2.54	ppb
Antimony	121-1	1.88	1.97	2.07	1.97	4.92	ppb
Arsenic	75-2	1.03	1.11	1.02	1.05	4.71	ppb
Barium	135-1	9.15	9.52	10.03	9.57	4.63	ppb
Barium	137-1	9.54	9.77	9.91	9.74	1.92	ppb
Beryllium	9-1	1.09	0.99	1.10	1.06	5.36	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Boron	10-1	22.20	23.53	24.39	23.37	4.72	ppb
Boron	11-1	21.33	23.60	24.51	23.15	7.07	ppb
Bromine	81-1						cps
Cadmium	111-1	0.85	0.90	0.91	0.89	3.91	ppb
Cadmium	106-1	0.18	2.08	0.56	0.94	106.92	ppb
Cadmium	108-1	0.99	0.76	1.31	1.02	27.08	ppb
Calcium	43-1	464.62	450.14	479.54	464.76	3.16	ppb
Calcium	44-1	473.92	461.04	478.74	471.23	1.94	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.82	1.78	1.86	1.82	2.26	ppb
Cobalt	59-2	0.94	0.92	1.02	0.96	5.20	ppb
Copper	63-2	2.08	2.03	2.11	2.07	1.91	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				101		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	54-2	47.18	49.11	49.98	48.76	2.94	ppb
Iron	56-2	50.35	49.60	51.32	50.42	1.70	ppb
Iron	57-2	50.76	48.83	52.80	50.80	3.90	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 12:13:09	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.97	0.88	0.98	0.95	5.91	ppb
Lead	207-1	0.92	0.90	0.97	0.93	3.63	ppb
Lead	208-1	0.94	0.91	0.96	0.93	2.39	ppb
Lithium	6-1				102		%
Magnesium	24-2	502.51	482.97	497.38	494.29	2.05	ppb
Manganese	55-2	1.12	0.97	1.06	1.05	7.30	ppb
Molybdenum	94-1	5.89	5.66	5.61	5.72	2.59	ppb
Molybdenum	95-1	4.95	4.78	4.91	4.88	1.84	ppb
Molybdenum	96-1	4.95	4.95	4.88	4.93	0.89	ppb
Molybdenum	97-1	5.15	4.82	4.90	4.96	3.41	ppb
Molybdenum	98-1	5.02	4.90	4.94	4.96	1.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.96	0.98	1.00	0.98	2.02	ppb
Phosphorus	31-2	5.34	-7.51	10.98	2.94	322.47	ppb
Potassium	39-2	486.60	484.92	482.34	484.62	0.44	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	82-1	5.78	4.60	5.08	5.16	11.52	ppb
Selenium	77-2	2.88	7.09	5.81	5.26	41.00	ppb
Selenium	78-2	6.27	5.23	5.84	5.78	9.02	ppb
Silicon	28-1	8.61	5.78	9.62	8.00	24.89	ppb
Silver	107-1	0.93	0.94	1.02	0.96	5.10	ppb
Silver	109-1	0.95	1.00	0.99	0.98	2.45	ppb
Sodium	23-2	490.12	481.86	496.13	489.37	1.46	ppb
Strontium	86-1	1.09	1.02	0.99	1.03	4.89	ppb
Strontium	88-1	0.97	0.95	1.03	0.98	4.14	ppb
Sulfur	34-1	-140.43	-406.75	198.05	-116.38		ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	0.88	0.91	0.92	0.90	2.00	ppb
Thallium	205-1	0.90	0.86	0.93	0.90	4.10	ppb
Tin	118-1	7.28	7.31	7.80	7.47	3.91	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 12:13:09	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.07	5.12	5.23	5.14	1.57	ppb
Uranium	238-1	0.88	0.89	0.93	0.90	2.77	ppb
Vanadium	51-2	4.95	5.01	5.07	5.01	1.15	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	2.24	2.08	2.35	2.22	6.11	ppb
Zirconium	90-1	0.93	0.90	0.89	0.91	2.39	ppb
Zirconium	91-1	0.97	0.92	0.93	0.94	3.04	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 12:16:14	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1027.94	1141.88	1038.33	1069.39	5.89	ppb
Antimony	121-1	52.36	52.31	50.95	51.87	1.54	ppb
Arsenic	75-2	51.19	59.86	51.21	54.09	9.24	ppb
Barium	135-1	262.10	259.83	261.11	261.01	0.44	ppb
Barium	137-1	263.31	259.19	263.98	262.16	0.99	ppb
Beryllium	9-1	53.15	53.84	54.31	53.77	1.08	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	10-1	44.66	48.29	50.16	47.70	5.87	ppb
Boron	11-1	43.88	50.34	52.26	48.83	8.99	ppb
Bromine	81-1						cps
Cadmium	111-1	52.54	52.57	52.96	52.69	0.45	ppb
Cadmium	106-1	55.95	51.38	50.86	52.73	5.31	ppb
Cadmium	108-1	53.63	53.39	55.01	54.01	1.61	ppb
Calcium	43-1	5411.82	5367.85	5484.16	5421.28	1.08	ppb
Calcium	44-1	5303.92	5337.88	5415.15	5352.32	1.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	50.32	56.38	52.24	52.98	5.85	ppb
Cobalt	59-2	52.19	58.74	52.77	54.57	6.65	ppb
Copper	63-2	525.71	604.87	558.71	563.10	7.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				99		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	54-2	2739.85	3113.50	2829.80	2894.38	6.74	ppb
Iron	56-2	2717.98	3092.62	2832.04	2880.88	6.67	ppb
Iron	57-2	2701.77	3085.05	2700.73	2829.18	7.83	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 12:16:14	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	242.36	246.58	239.32	242.75	1.50	ppb
Lead	207-1	243.24	253.31	240.59	245.71	2.73	ppb
Lead	208-1	248.48	255.59	247.34	250.47	1.79	ppb
Lithium	6-1				101		%
Magnesium	24-2	5237.45	5839.14	5317.05	5464.55	5.98	ppb
Manganese	55-2	517.04	576.61	522.84	538.83	6.10	ppb
Molybdenum	94-1	579.80	576.81	595.80	584.13	1.75	ppb
Molybdenum	95-1	570.99	564.39	574.54	569.97	0.90	ppb
Molybdenum	96-1	565.73	558.79	569.68	564.73	0.98	ppb
Molybdenum	97-1	580.72	576.76	580.90	579.46	0.40	ppb
Molybdenum	98-1	570.43	572.49	580.90	574.61	0.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.49	59.68	55.18	55.78	6.52	ppb
Phosphorus	31-2	1145.68	1339.74	1110.26	1198.56	10.31	ppb
Potassium	39-2	2694.66	3020.51	2742.40	2819.19	6.24	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	51.37	54.53	56.07	53.99	4.44	ppb
Selenium	77-2	51.06	51.29	54.40	52.25	3.57	ppb
Selenium	78-2	57.35	64.81	53.77	58.64	9.60	ppb
Silicon	28-1	63.81	61.88	73.15	66.28	9.10	ppb
Silver	107-1	52.78	52.92	51.60	52.44	1.38	ppb
Silver	109-1	53.52	52.70	53.45	53.22	0.85	ppb
Sodium	23-2	5018.70	5791.95	5297.49	5369.38	7.29	ppb
Strontium	86-1	512.42	522.59	531.19	522.06	1.80	ppb
Strontium	88-1	497.32	506.63	514.80	506.25	1.73	ppb
Sulfur	34-1	1164.92	740.78	1460.76	1122.15	32.25	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	48.83	50.61	48.06	49.17	2.65	ppb
Thallium	205-1	51.39	51.57	49.88	50.94	1.82	ppb
Tin	118-1	53.94	55.67	52.28	53.96	3.14	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 12:16:14	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	581.11	588.49	605.43	591.68	2.11	ppb
Uranium	238-1	47.66	49.43	47.64	48.24	2.13	ppb
Vanadium	51-2	51.26	58.97	53.98	54.74	7.14	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	532.28	592.45	537.88	554.20	6.00	ppb
Zirconium	90-1	51.81	51.92	51.60	51.77	0.31	ppb
Zirconium	91-1	50.83	51.83	50.97	51.21	1.06	ppb

LB Number : LB117862 Operator : Jaswal
 Lab Sample ID : S04 Instrumnet Name : P8
 Client Sample ID : S04 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-16 12:19:17 DataFile Name : 007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2597.81	2503.55	2544.20	2548.52	1.86	ppb
Antimony	121-1	127.36	130.63	134.10	130.70	2.58	ppb
Arsenic	75-2	131.19	127.44	124.15	127.59	2.76	ppb
Barium	135-1	632.19	653.37	659.81	648.46	2.23	ppb
Barium	137-1	656.66	652.75	667.62	659.01	1.17	ppb
Beryllium	9-1	136.06	135.57	128.59	133.41	3.13	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	10-1	114.82	124.57	123.98	121.12	4.51	ppb
Boron	11-1	113.67	123.69	121.76	119.71	4.44	ppb
Bromine	81-1						cps
Cadmium	111-1	132.35	134.84	134.53	133.91	1.02	ppb
Cadmium	106-1	130.10	132.49	131.81	131.46	0.94	ppb
Cadmium	108-1	130.34	133.67	132.99	132.33	1.33	ppb
Calcium	43-1	13213.96	13808.09	13029.47	13350.51	3.05	ppb
Calcium	44-1	13000.77	13250.70	12588.45	12946.64	2.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	127.11	123.42	127.38	125.97	1.76	ppb
Cobalt	59-2	130.77	125.65	127.71	128.04	2.01	ppb
Copper	63-2	1356.57	1302.10	1311.73	1323.47	2.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	54-2	6725.26	6578.46	6731.32	6678.35	1.30	ppb
Iron	56-2	6555.97	6762.01	6709.36	6675.78	1.60	ppb
Iron	57-2	6564.75	6653.49	6716.99	6645.08	1.15	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 12:19:17	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	628.17	644.32	659.39	643.96	2.42	ppb
Lead	207-1	616.33	639.52	636.93	630.93	2.01	ppb
Lead	208-1	618.33	641.90	637.05	632.43	1.97	ppb
Lithium	6-1				103		%
Magnesium	24-2	13000.91	12911.59	12956.52	12956.34	0.34	ppb
Manganese	55-2	1294.58	1263.87	1270.22	1276.22	1.27	ppb
Molybdenum	94-1	1321.90	1396.70	1371.83	1363.48	2.79	ppb
Molybdenum	95-1	1341.91	1400.01	1377.79	1373.24	2.13	ppb
Molybdenum	96-1	1345.34	1364.17	1369.77	1359.76	0.94	ppb
Molybdenum	97-1	1346.02	1428.47	1389.10	1387.86	2.97	ppb
Molybdenum	98-1	1334.24	1412.23	1395.31	1380.59	2.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	131.86	129.93	132.06	131.28	0.90	ppb
Phosphorus	31-2	2453.68	2426.53	2754.01	2544.74	7.14	ppb
Potassium	39-2	6798.32	6580.65	6526.99	6635.32	2.17	ppb
Rhodium	103-1				103		%
Rhodium	103-2				105		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	82-1	125.04	129.32	128.52	127.63	1.78	ppb
Selenium	77-2	167.07	145.77	140.71	151.18	9.25	ppb
Selenium	78-2	139.39	125.72	121.67	128.93	7.20	ppb
Silicon	28-1	120.62	128.52	115.98	121.70	5.21	ppb
Silver	107-1	132.22	128.64	137.84	132.90	3.49	ppb
Silver	109-1	133.62	134.48	135.93	134.67	0.87	ppb
Sodium	23-2	12774.61	12633.47	13003.80	12803.96	1.46	ppb
Strontium	86-1	1204.14	1270.63	1269.09	1247.95	3.04	ppb
Strontium	88-1	1224.47	1309.60	1250.18	1261.42	3.46	ppb
Sulfur	34-1	2417.74	2880.01	1914.63	2404.12	20.08	ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	118.75	122.25	122.35	121.12	1.69	ppb
Thallium	205-1	122.80	124.31	124.49	123.87	0.75	ppb
Tin	118-1	130.36	135.11	136.85	134.11	2.51	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 12:19:17	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1405.27	1449.08	1402.66	1419.00	1.84	ppb
Uranium	238-1	123.13	121.09	122.59	122.27	0.86	ppb
Vanadium	51-2	130.01	127.66	129.63	129.10	0.98	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	1314.82	1268.23	1312.51	1298.52	2.02	ppb
Zirconium	90-1	123.55	128.37	128.95	126.96	2.34	ppb
Zirconium	91-1	120.09	124.57	125.17	123.28	2.25	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 12:22:23	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5121.45	5098.09	4995.28	5071.61	1.32	ppb
Antimony	121-1	259.79	259.52	255.17	258.16	1.01	ppb
Arsenic	75-2	256.67	258.12	257.08	257.29	0.29	ppb
Barium	135-1	1295.70	1309.26	1260.91	1288.62	1.94	ppb
Barium	137-1	1288.72	1297.28	1282.08	1289.36	0.59	ppb
Beryllium	9-1	259.02	258.27	253.66	256.98	1.13	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Boron	10-1	229.89	243.29	253.52	242.23	4.89	ppb
Boron	11-1	230.56	241.91	260.05	244.17	6.09	ppb
Bromine	81-1						cps
Cadmium	111-1	263.62	259.67	254.83	259.37	1.70	ppb
Cadmium	106-1	265.01	274.76	260.97	266.91	2.66	ppb
Cadmium	108-1	273.00	264.49	259.70	265.73	2.53	ppb
Calcium	43-1	26251.97	26869.79	26710.32	26610.70	1.21	ppb
Calcium	44-1	25824.53	25738.76	25607.52	25723.60	0.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	259.01	249.70	249.85	252.85	2.11	ppb
Cobalt	59-2	262.37	262.22	249.46	258.02	2.87	ppb
Copper	63-2	2691.88	2616.57	2588.75	2632.40	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				105		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	54-2	13450.85	13269.56	13139.30	13286.57	1.18	ppb
Iron	56-2	13426.43	14026.87	13226.26	13559.85	3.07	ppb
Iron	57-2	13425.12	13397.72	13125.11	13315.98	1.25	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 12:22:23	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1302.03	1262.67	1235.47	1266.72	2.64	ppb
Lead	207-1	1311.10	1265.85	1252.10	1276.35	2.42	ppb
Lead	208-1	1288.84	1256.32	1218.43	1254.53	2.81	ppb
Lithium	6-1				108		%
Magnesium	24-2	27137.98	26320.30	26668.55	26708.94	1.54	ppb
Manganese	55-2	2554.33	2616.55	2520.45	2563.78	1.90	ppb
Molybdenum	94-1	2826.12	2729.04	2717.71	2757.62	2.16	ppb
Molybdenum	95-1	2843.38	2768.67	2712.06	2774.71	2.37	ppb
Molybdenum	96-1	2855.21	2670.92	2679.99	2735.37	3.80	ppb
Molybdenum	97-1	2873.13	2689.02	2684.23	2748.79	3.92	ppb
Molybdenum	98-1	2820.85	2721.69	2684.26	2742.27	2.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	269.47	263.52	261.27	264.75	1.60	ppb
Phosphorus	31-2	5233.59	5224.49	4895.49	5117.85	3.76	ppb
Potassium	39-2	13506.54	13335.94	12602.03	13148.17	3.66	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	82-1	262.49	252.85	253.18	256.17	2.14	ppb
Selenium	77-2	249.88	315.32	268.17	277.79	12.15	ppb
Selenium	78-2	269.56	255.16	265.30	263.34	2.81	ppb
Silicon	28-1	238.48	256.50	260.96	251.98	4.72	ppb
Silver	107-1	264.42	260.20	261.00	261.87	0.86	ppb
Silver	109-1	262.74	260.48	256.89	260.03	1.14	ppb
Sodium	23-2	26406.89	25672.79	25701.77	25927.15	1.60	ppb
Strontium	86-1	2622.16	2522.68	2405.88	2516.91	4.30	ppb
Strontium	88-1	2584.44	2517.63	2400.44	2500.84	3.72	ppb
Sulfur	34-1	4936.40	5068.14	5077.47	5027.34	1.57	ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	255.35	237.44	240.66	244.48	3.91	ppb
Thallium	205-1	260.60	245.56	251.44	252.53	3.00	ppb
Tin	118-1	267.59	261.84	261.49	263.64	1.30	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 12:22:23	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2792.30	2759.58	2713.27	2755.05	1.44	ppb
Uranium	238-1	258.13	247.06	240.65	248.61	3.56	ppb
Vanadium	51-2	261.15	258.44	252.68	257.42	1.68	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				103		%
Zinc	66-2	2660.71	2621.35	2517.13	2599.73	2.85	ppb
Zirconium	90-1	261.15	254.21	248.75	254.70	2.44	ppb
Zirconium	91-1	255.67	245.92	245.22	248.94	2.35	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 12:25:27	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10031.68	10115.46	10309.24	10152.12	1.40	ppb
Antimony	121-1	513.24	517.76	520.42	517.14	0.70	ppb
Arsenic	75-2	499.31	500.02	515.91	505.08	1.86	ppb
Barium	135-1	2646.91	2660.74	2698.92	2668.86	1.01	ppb
Barium	137-1	2599.74	2644.07	2665.16	2636.32	1.27	ppb
Beryllium	9-1	519.15	512.02	485.18	505.45	3.54	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	10-1	472.55	501.21	500.40	491.39	3.32	ppb
Boron	11-1	476.18	497.10	507.19	493.49	3.21	ppb
Bromine	81-1						cps
Cadmium	111-1	522.21	522.92	516.56	520.57	0.67	ppb
Cadmium	106-1	518.62	521.90	537.01	525.84	1.87	ppb
Cadmium	108-1	522.15	530.81	530.50	527.82	0.93	ppb
Calcium	43-1	54541.58	52925.48	52043.47	53170.18	2.38	ppb
Calcium	44-1	53054.53	52492.44	50634.66	52060.54	2.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	496.07	500.80	516.23	504.37	2.09	ppb
Cobalt	59-2	504.90	507.87	522.25	511.67	1.81	ppb
Copper	63-2	4990.35	5115.78	5260.85	5122.33	2.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	54-2	26704.27	26572.83	26928.76	26735.29	0.67	ppb
Iron	56-2	25874.23	27513.07	27705.83	27031.04	3.72	ppb
Iron	57-2	25569.72	26208.68	26958.94	26245.78	2.65	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 12:25:27	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2604.16	2516.05	2494.86	2538.36	2.28	ppb
Lead	207-1	2557.46	2479.44	2601.88	2546.26	2.43	ppb
Lead	208-1	2548.58	2475.17	2555.32	2526.36	1.76	ppb
Lithium	6-1				108		%
Magnesium	24-2	50958.77	50846.54	53925.67	51910.33	3.36	ppb
Manganese	55-2	5047.74	5139.82	5227.31	5138.29	1.75	ppb
Molybdenum	94-1	5526.13	5522.25	5478.29	5508.89	0.48	ppb
Molybdenum	95-1	5556.01	5743.48	5250.03	5516.51	4.52	ppb
Molybdenum	96-1	5406.87	5813.50	5344.99	5521.79	4.61	ppb
Molybdenum	97-1	5387.38	5599.70	5417.45	5468.18	2.10	ppb
Molybdenum	98-1	5551.09	5723.93	5309.16	5528.06	3.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	512.64	514.07	536.22	520.98	2.54	ppb
Phosphorus	31-2	9904.16	9959.00	10574.38	10145.85	3.67	ppb
Potassium	39-2	25830.09	26367.88	27227.80	26475.26	2.66	ppb
Rhodium	103-1				98		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	82-1	503.56	522.21	497.70	507.82	2.52	ppb
Selenium	77-2	518.58	456.04	531.07	501.89	8.01	ppb
Selenium	78-2	503.61	502.01	505.90	503.84	0.39	ppb
Silicon	28-1	477.25	502.68	484.40	488.11	2.69	ppb
Silver	107-1	523.02	528.55	543.25	531.60	1.97	ppb
Silver	109-1	541.20	533.59	514.11	529.63	2.64	ppb
Sodium	23-2	50606.77	52022.90	53545.84	52058.50	2.82	ppb
Strontium	86-1	4842.33	5202.61	5012.45	5019.13	3.59	ppb
Strontium	88-1	5001.07	5204.82	5010.42	5072.11	2.27	ppb
Sulfur	34-1	10162.04	9893.43	9077.12	9710.86	5.82	ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	509.49	489.67	511.32	503.49	2.38	ppb
Thallium	205-1	515.89	490.27	517.10	507.75	2.98	ppb
Tin	118-1	515.46	517.19	520.36	517.67	0.48	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 12:25:27	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5518.38	5451.18	5339.46	5436.34	1.66	ppb
Uranium	238-1	506.87	492.79	510.51	503.39	1.86	ppb
Vanadium	51-2	507.30	511.51	524.12	514.31	1.70	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	5068.10	5078.25	5213.80	5120.05	1.59	ppb
Zirconium	90-1	509.19	516.83	483.70	503.24	3.45	ppb
Zirconium	91-1	497.06	512.97	496.49	502.17	1.86	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 12:28:33	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19802.24	19835.39	19393.81	19677.15	1.25	ppb
Antimony	121-1	973.53	987.66	1004.56	988.58	1.57	ppb
Arsenic	75-2	978.87	995.20	1011.25	995.11	1.63	ppb
Barium	135-1	4930.30	4793.07	4983.93	4902.43	2.01	ppb
Barium	137-1	4928.91	4816.33	5006.18	4917.14	1.94	ppb
Beryllium	9-1	996.38	998.43	988.07	994.29	0.55	ppb
Bismuth	209-1				104		%
Bismuth	209-2				98		%
Boron	10-1	931.14	1057.27	1032.26	1006.89	6.63	ppb
Boron	11-1	944.01	1025.57	1046.85	1005.48	5.40	ppb
Bromine	81-1						cps
Cadmium	111-1	995.58	992.68	970.12	986.13	1.41	ppb
Cadmium	106-1	971.47	987.02	987.22	981.91	0.92	ppb
Cadmium	108-1	991.50	971.16	980.46	981.04	1.04	ppb
Calcium	43-1	107695.42	105846.42	107208.35	106916.73	0.90	ppb
Calcium	44-1	103726.67	100576.82	101728.44	102010.64	1.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1017.60	1022.63	950.27	996.83	4.05	ppb
Cobalt	59-2	991.05	986.56	997.05	991.55	0.53	ppb
Copper	63-2	9964.98	10052.64	9662.58	9893.40	2.07	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				110		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	54-2	52833.48	53397.96	50927.92	52386.45	2.47	ppb
Iron	56-2	52226.89	51201.68	50928.43	51452.33	1.33	ppb
Iron	57-2	51509.90	52168.52	51703.80	51794.07	0.65	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 12:28:33	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4908.72	5082.75	4932.42	4974.63	1.90	ppb
Lead	207-1	4857.50	5057.80	4993.97	4969.75	2.06	ppb
Lead	208-1	4928.93	5046.51	4978.77	4984.74	1.18	ppb
Lithium	6-1				111		%
Magnesium	24-2	99011.22	102127.72	99927.28	100355.40	1.60	ppb
Manganese	55-2	9965.43	9940.24	9823.41	9909.69	0.76	ppb
Molybdenum	94-1	11258.56	11030.79	10690.80	10993.38	2.60	ppb
Molybdenum	95-1	11119.16	11173.72	10661.49	10984.79	2.56	ppb
Molybdenum	96-1	11222.75	11223.17	10535.88	10993.93	3.61	ppb
Molybdenum	97-1	11261.47	11197.05	10580.88	11013.13	3.41	ppb
Molybdenum	98-1	11281.78	11053.48	10622.66	10985.97	3.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	990.38	987.01	976.86	984.75	0.72	ppb
Phosphorus	31-2	19771.71	20187.80	19686.77	19882.09	1.35	ppb
Potassium	39-2	49743.17	50398.43	48238.08	49459.90	2.24	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	82-1	1012.73	998.20	971.12	994.02	2.12	ppb
Selenium	77-2	1013.87	978.87	973.42	988.72	2.22	ppb
Selenium	78-2	982.25	982.45	1016.76	993.82	2.00	ppb
Silicon	28-1	962.69	1029.59	1022.93	1005.07	3.67	ppb
Silver	107-1	976.62	989.57	974.16	980.12	0.84	ppb
Silver	109-1	986.97	967.29	989.65	981.30	1.24	ppb
Sodium	23-2	101040.53	101945.75	99548.37	100844.88	1.20	ppb
Strontium	86-1	10287.53	10070.42	9598.14	9985.36	3.53	ppb
Strontium	88-1	10360.36	10025.98	9499.65	9962.00	4.36	ppb
Sulfur	34-1	20585.36	20611.47	19234.00	20143.61	3.91	ppb
Terbium	159-1				109		%
Terbium	159-2				104		%
Thallium	203-1	1012.85	1012.23	975.40	1000.16	2.14	ppb
Thallium	205-1	1006.25	1001.32	979.19	995.59	1.45	ppb
Tin	118-1	980.85	990.78	987.59	986.41	0.51	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 12:28:33	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	11177.88	10873.73	11017.34	11022.98	1.38	ppb
Uranium	238-1	998.34	979.16	1019.74	999.08	2.03	ppb
Vanadium	51-2	994.55	1008.36	967.81	990.24	2.08	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	10024.11	10061.38	9633.30	9906.27	2.39	ppb
Zirconium	90-1	1008.52	998.69	983.41	996.87	1.27	ppb
Zirconium	91-1	1004.60	990.05	1003.35	999.33	0.81	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 12:31:37	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	98621.56	99790.93	101719.13	100043.87	1.56	ppb
Antimony	121-1	1.41	1.40	1.36	1.39	2.08	ppb
Arsenic	75-2	0.65	0.40	0.36	0.47	32.57	ppb
Barium	135-1	4.45	3.92	3.33	3.90	14.36	ppb
Barium	137-1	4.42	3.66	3.24	3.77	15.84	ppb
Beryllium	9-1	0.91	0.61	0.54	0.68	28.87	ppb
Bismuth	209-1				92		%
Bismuth	209-2				93		%
Boron	10-1	153.95	130.12	118.05	134.04	13.63	ppb
Boron	11-1	147.93	127.75	119.62	131.77	11.06	ppb
Bromine	81-1						cps
Cadmium	111-1	0.94	0.60	0.62	0.72	26.31	ppb
Cadmium	106-1	1.39	0.73	0.71	0.95	40.88	ppb
Cadmium	108-1	1.21	0.73	0.55	0.83	41.45	ppb
Calcium	43-1	484670.48	499439.95	510470.56	498193.66	2.60	ppb
Calcium	44-1	489923.97	496472.88	511626.08	499340.98	2.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.94	1.88	1.96	1.93	2.24	ppb
Cobalt	59-2	1.66	1.51	1.51	1.56	5.84	ppb
Copper	63-2	4.23	3.64	3.68	3.85	8.50	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				103		%
Holmium	165-2				102		%
Indium	115-1				95		%
Indium	115-2				95		%
Iron	54-2	250754.84	245800.60	251330.16	249295.20	1.22	ppb
Iron	56-2	248962.56	243555.12	255799.26	249438.98	2.46	ppb
Iron	57-2	249440.82	246815.75	252131.34	249462.64	1.07	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 12:31:37	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	5.21	4.38	3.87	4.49	15.14	ppb
Lead	207-1	5.09	4.13	3.87	4.36	14.74	ppb
Lead	208-1	5.08	4.21	3.90	4.40	13.81	ppb
Lithium	6-1				105		%
Magnesium	24-2	498081.64	497091.99	503735.55	499636.39	0.72	ppb
Manganese	55-2	7.69	7.08	6.95	7.24	5.47	ppb
Molybdenum	94-1	9.56	8.26	6.31	8.04	20.30	ppb
Molybdenum	95-1	9.10	7.05	5.58	7.25	24.37	ppb
Molybdenum	96-1	10.86	9.22	7.61	9.23	17.59	ppb
Molybdenum	97-1	9.54	7.33	5.63	7.50	26.13	ppb
Molybdenum	98-1	8.66	7.32	5.91	7.30	18.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.71	1.49	1.61	1.60	6.86	ppb
Phosphorus	31-2	-15.81	-23.51	-15.16	-18.16		ppb
Potassium	39-2	249229.87	244338.38	256177.63	249915.29	2.38	ppb
Rhodium	103-1				89		%
Rhodium	103-2				92		%
Scandium	45-1				96		%
Scandium	45-2				99		%
Selenium	82-1	2.60	1.29	3.06	2.31	39.77	ppb
Selenium	77-2	1.49	1.46	1.46	1.47	1.30	ppb
Selenium	78-2	1.04	1.29	2.09	1.47	36.94	ppb
Silicon	28-1	92.82	104.49	111.72	103.01	9.26	ppb
Silver	107-1	0.60	0.54	0.44	0.53	15.41	ppb
Silver	109-1	0.56	0.51	0.39	0.48	18.53	ppb
Sodium	23-2	513817.26	478848.90	506036.44	499567.53	3.68	ppb
Strontium	86-1	12.19	10.75	9.51	10.82	12.37	ppb
Strontium	88-1	12.08	10.44	9.38	10.64	12.77	ppb
Sulfur	34-1	-650.30	-603.88	-302.14	-518.77		ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	0.70	0.50	0.44	0.55	25.42	ppb
Thallium	205-1	0.68	0.49	0.42	0.53	25.06	ppb
Tin	118-1	-3.80	-3.98	-4.09	-3.96		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 12:31:37	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	8.34	7.07	5.20	6.87	23.03	ppb
Uranium	238-1	0.76	0.53	0.42	0.57	29.94	ppb
Vanadium	51-2	0.50	0.40	0.44	0.45	10.91	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	14.30	12.98	14.42	13.90	5.73	ppb
Zirconium	90-1	1.10	0.93	0.78	0.94	16.92	ppb
Zirconium	91-1	0.99	0.85	0.86	0.90	9.17	ppb

LB Number : LB117862 Operator : Jaswal
 Lab Sample ID : ICV083 Instrumnet Name : P8
 Client Sample ID : ICV083 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-16 12:51:17 DataFile Name : 012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	534.18	532.73	522.19	529.70	1.24	ppb
Antimony	121-1	217.02	212.80	221.46	217.09	2.00	ppb
Arsenic	75-2	218.38	217.62	219.97	218.65	0.55	ppb
Barium	135-1	108.21	106.52	111.77	108.83	2.46	ppb
Barium	137-1	108.36	106.89	114.38	109.88	3.61	ppb
Beryllium	9-1	108.41	109.37	108.21	108.67	0.57	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	216.82	236.68	246.90	233.47	6.55	ppb
Boron	11-1	214.70	230.76	249.10	231.52	7.43	ppb
Bromine	81-1						cps
Cadmium	111-1	109.20	106.91	113.41	109.84	3.00	ppb
Cadmium	106-1	134.60	131.26	136.72	134.19	2.05	ppb
Cadmium	108-1	120.83	118.01	127.58	122.14	4.03	ppb
Calcium	43-1	2258.79	2160.40	2218.77	2212.65	2.24	ppb
Calcium	44-1	2235.97	2144.57	2193.32	2191.29	2.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	103.29	102.78	103.06	103.04	0.25	ppb
Cobalt	59-2	106.43	106.59	104.77	105.93	0.95	ppb
Copper	63-2	109.98	108.09	109.13	109.07	0.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				101		%
Iron	54-2	2191.83	2159.37	2163.32	2171.51	0.82	ppb
Iron	56-2	2177.06	2216.73	2105.62	2166.47	2.60	ppb
Iron	57-2	2118.98	2102.75	2098.38	2106.70	0.52	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	ICV083	Instrumnet Name :	P8
Client Sample ID :	ICV083	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 12:51:17	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	200.88	212.58	214.38	209.28	3.50	ppb
Lead	207-1	190.82	204.49	204.71	200.01	3.98	ppb
Lead	208-1	197.37	207.24	208.18	204.26	2.93	ppb
Lithium	6-1				103		%
Magnesium	24-2	1220.16	1189.07	1196.93	1202.05	1.34	ppb
Manganese	55-2	106.16	106.82	105.95	106.31	0.42	ppb
Molybdenum	94-1	1470.30	1510.00	1539.21	1506.50	2.30	ppb
Molybdenum	95-1	1227.61	1273.01	1286.52	1262.38	2.44	ppb
Molybdenum	96-1	1263.00	1295.40	1301.70	1286.70	1.61	ppb
Molybdenum	97-1	1257.93	1267.08	1277.23	1267.41	0.76	ppb
Molybdenum	98-1	1236.08	1267.75	1256.18	1253.34	1.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	113.53	116.56	114.83	114.97	1.32	ppb
Phosphorus	31-2	16.91	-34.61	-30.77	-16.16		ppb
Potassium	39-2	2096.53	2076.33	2095.94	2089.60	0.55	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				104		%
Selenium	82-1	213.42	223.15	222.23	219.60	2.45	ppb
Selenium	77-2	241.18	226.96	263.33	243.82	7.52	ppb
Selenium	78-2	221.38	220.24	225.49	222.37	1.24	ppb
Silicon	28-1	209.42	197.63	209.04	205.36	3.26	ppb
Silver	107-1	53.49	52.73	54.87	53.70	2.02	ppb
Silver	109-1	53.91	53.58	54.60	54.03	0.97	ppb
Sodium	23-2	2075.09	2178.22	2107.16	2120.16	2.49	ppb
Strontium	86-1	239.56	239.02	246.29	241.62	1.68	ppb
Strontium	88-1	242.83	239.81	241.25	241.30	0.63	ppb
Sulfur	34-1	320.92	-395.28	-230.63	-101.66		ppb
Terbium	159-1				99		%
Terbium	159-2				103		%
Thallium	203-1	202.46	205.61	214.07	207.38	2.89	ppb
Thallium	205-1	213.88	222.98	223.15	220.00	2.41	ppb
Tin	118-1	256.65	247.51	260.25	254.80	2.58	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	ICV083	Instrumnet Name :	P8
Client Sample ID :	ICV083	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 12:51:17	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1308.78	1232.49	1290.15	1277.14	3.11	ppb
Uranium	238-1	246.03	260.56	259.72	255.43	3.19	ppb
Vanadium	51-2	102.40	102.84	100.08	101.77	1.46	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	209.72	216.67	215.56	213.99	1.74	ppb
Zirconium	90-1	240.07	243.27	236.27	239.87	1.46	ppb
Zirconium	91-1	230.93	237.82	239.49	236.08	1.92	ppb

LB Number : LB117862 Operator : Jaswal
 Lab Sample ID : ICB083 Instrumnet Name : P8
 Client Sample ID : ICB083 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-16 12:58:44 DataFile Name : 013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.24	-0.65	-0.28	-0.39		ppb
Antimony	121-1	0.05	0.06	0.05	0.05	10.36	ppb
Arsenic	75-2	0.01	0.00	-0.02	0.00		ppb
Barium	135-1	-0.01	0.00	0.01	0.00		ppb
Barium	137-1	0.01	0.01	0.00	0.01	71.00	ppb
Beryllium	9-1	0.06	0.03	0.02	0.04	64.23	ppb
Bismuth	209-1				102		%
Bismuth	209-2				104		%
Boron	10-1	17.55	16.17	15.84	16.52	5.51	ppb
Boron	11-1	16.95	16.68	15.60	16.41	4.37	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.11	-0.11	-0.15	-0.12		ppb
Cadmium	106-1	-2.12	-3.38	-2.96	-2.82		ppb
Cadmium	108-1	-0.01	-0.35	-0.12	-0.16		ppb
Calcium	43-1	-1.75	0.00	-1.56	-1.10		ppb
Calcium	44-1	2.14	0.19	0.14	0.83	138.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	-0.03	-0.02	-0.03		ppb
Cobalt	59-2	0.01	0.00	0.01	0.01	68.34	ppb
Copper	63-2	0.00	-0.04	0.01	-0.01		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				103		%
Iron	54-2	-0.96	-1.09	-1.60	-1.22		ppb
Iron	56-2	0.07	0.35	0.25	0.22	62.88	ppb
Iron	57-2	0.23	-0.32	-0.49	-0.19		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	ICB083	Instrumnet Name :	P8
Client Sample ID :	ICB083	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 12:58:44	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.08	0.05	0.06	0.07	18.98	ppb
Lead	207-1	0.02	0.08	0.02	0.04	88.81	ppb
Lead	208-1	0.05	0.04	0.04	0.04	10.93	ppb
Lithium	6-1				105		%
Magnesium	24-2	0.56	0.99	0.33	0.63	53.39	ppb
Manganese	55-2	0.06	0.03	0.03	0.04	39.90	ppb
Molybdenum	94-1	0.02	0.06	0.06	0.05	43.47	ppb
Molybdenum	95-1	0.08	0.06	0.05	0.06	24.08	ppb
Molybdenum	96-1	0.05	0.03	0.07	0.05	44.15	ppb
Molybdenum	97-1	0.08	0.04	0.05	0.06	30.53	ppb
Molybdenum	98-1	0.08	0.07	0.06	0.07	15.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.04	0.01	-0.01		ppb
Phosphorus	31-2	-24.87	-32.78	-17.45	-25.03		ppb
Potassium	39-2	2.72	2.92	-0.15	1.83	93.83	ppb
Rhodium	103-1				101		%
Rhodium	103-2				103		%
Scandium	45-1				100		%
Scandium	45-2				103		%
Selenium	82-1	0.76	0.53	0.74	0.68	19.09	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.22	0.06	-0.15	0.38	195.67	ppb
Silicon	28-1	0.35	-3.08	-1.18	-1.31		ppb
Silver	107-1	0.03	0.01	0.04	0.03	52.17	ppb
Silver	109-1	0.03	0.03	0.02	0.03	22.26	ppb
Sodium	23-2	8.69	6.56	10.43	8.56	22.62	ppb
Strontium	86-1	0.11	0.12	0.03	0.09	58.12	ppb
Strontium	88-1	0.02	0.01	0.01	0.01	43.27	ppb
Sulfur	34-1	101.92	-119.08	-73.31	-30.16		ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	-0.04	-0.08	-0.01	-0.04		ppb
Thallium	205-1	-0.02	-0.04	-0.01	-0.03		ppb
Tin	118-1	2.56	2.58	2.72	2.62	3.35	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	ICB083	Instrumnet Name :	P8
Client Sample ID :	ICB083	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 12:58:44	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.10	0.09	0.00	0.06	93.45	ppb
Uranium	238-1	0.01	0.00	0.01	0.01	64.37	ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	93.25	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	0.05	-0.13	-0.11	-0.06		ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	100.49	ppb
Zirconium	91-1	0.04	0.01	0.04	0.03	53.83	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	ICSA083	Instrumnet Name :	P8
Client Sample ID :	ICSA083	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 13:01:48	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	97500.41	96415.57	95569.01	96495.00	1.00	ppb
Antimony	121-1	1.25	1.21	1.22	1.23	1.76	ppb
Arsenic	75-2	0.29	0.26	0.27	0.27	5.37	ppb
Barium	135-1	1.44	1.28	1.37	1.36	5.71	ppb
Barium	137-1	1.51	1.37	1.46	1.45	5.02	ppb
Beryllium	9-1	0.29	0.33	0.31	0.31	6.65	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	10-1	14.62	14.25	14.23	14.37	1.52	ppb
Boron	11-1	14.68	15.33	14.17	14.73	3.95	ppb
Bromine	81-1						cps
Cadmium	111-1	1.08	1.03	1.08	1.07	2.54	ppb
Cadmium	106-1	-0.34	-0.70	1.22	0.06	1736.86	ppb
Cadmium	108-1	9.45	10.44	9.31	9.74	6.32	ppb
Calcium	43-1	96956.78	97233.91	106770.32	100320.34	5.57	ppb
Calcium	44-1	96774.97	97075.94	100905.37	98252.09	2.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.54	20.04	19.32	19.64	1.88	ppb
Cobalt	59-2	1.08	1.20	1.11	1.13	5.40	ppb
Copper	63-2	7.77	7.63	7.61	7.67	1.13	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				105		%
Holmium	165-2				107		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	54-2	99981.70	104568.93	100280.01	101610.21	2.53	ppb
Iron	56-2	101088.61	105868.02	100489.17	102481.93	2.88	ppb
Iron	57-2	102145.73	111985.04	102010.70	105380.49	5.43	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	ICSA083	Instrumnet Name :	P8
Client Sample ID :	ICSA083	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 13:01:48	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4.63	4.85	5.08	4.85	4.61	ppb
Lead	207-1	4.22	4.45	4.48	4.38	3.26	ppb
Lead	208-1	4.32	4.56	4.59	4.49	3.28	ppb
Lithium	6-1				109		%
Magnesium	24-2	96352.18	99851.48	98573.69	98259.12	1.80	ppb
Manganese	55-2	7.46	7.79	7.33	7.53	3.13	ppb
Molybdenum	94-1	1673.84	1647.27	1621.86	1647.66	1.58	ppb
Molybdenum	95-1	1977.37	1968.08	1912.47	1952.64	1.80	ppb
Molybdenum	96-1	1925.14	1928.91	1886.08	1913.38	1.24	ppb
Molybdenum	97-1	2041.67	1938.64	1961.15	1980.49	2.74	ppb
Molybdenum	98-1	2033.96	1935.92	1936.01	1968.63	2.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.61	5.30	5.27	5.39	3.51	ppb
Phosphorus	31-2	100243.26	101113.69	96878.05	99411.67	2.25	ppb
Potassium	39-2	97171.10	101273.65	96416.35	98287.04	2.66	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	82-1	0.98	0.19	0.07	0.41	120.02	ppb
Selenium	77-2	1.44	0.00	1.40	0.95	86.62	ppb
Selenium	78-2	1.60	1.40	0.10	1.03	78.93	ppb
Silicon	28-1	12.94	21.16	25.61	19.90	32.31	ppb
Silver	107-1	0.13	0.11	0.10	0.11	11.03	ppb
Silver	109-1	0.12	0.09	0.09	0.10	16.39	ppb
Sodium	23-2	101734.62	105526.02	100458.60	102573.08	2.57	ppb
Strontium	86-1	35.44	34.73	34.68	34.95	1.23	ppb
Strontium	88-1	34.59	34.49	35.00	34.70	0.77	ppb
Sulfur	34-1	73287.51	71948.10	79077.45	74771.02	5.07	ppb
Terbium	159-1				103		%
Terbium	159-2				105		%
Thallium	203-1	0.03	0.06	0.05	0.05	32.70	ppb
Thallium	205-1	0.04	0.04	0.09	0.06	48.46	ppb
Tin	118-1	1.87	1.86	1.82	1.85	1.40	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	ICSA083	Instrumnet Name :	P8
Client Sample ID :	ICSA083	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 13:01:48	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1951.84	2059.18	2074.33	2028.45	3.29	ppb
Uranium	238-1	0.02	0.03	0.03	0.03	6.94	ppb
Vanadium	51-2	0.12	0.16	0.15	0.14	13.39	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	11.13	11.73	11.93	11.60	3.61	ppb
Zirconium	90-1	0.01	0.04	0.03	0.03	47.12	ppb
Zirconium	91-1	0.02	0.01	0.04	0.02	81.68	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	ICSAB083	Instrumnet Name :	P8
Client Sample ID :	ICSAB083	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 13:04:43	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	96557.42	99564.88	95386.53	97169.61	2.22	ppb
Antimony	121-1	21.51	21.38	20.84	21.24	1.65	ppb
Arsenic	75-2	20.80	20.57	20.74	20.71	0.57	ppb
Barium	135-1	22.18	21.56	21.13	21.62	2.45	ppb
Barium	137-1	21.75	22.01	21.81	21.86	0.62	ppb
Beryllium	9-1	21.56	20.50	21.16	21.07	2.53	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Boron	10-1	13.74	12.95	12.05	12.91	6.55	ppb
Boron	11-1	13.36	12.41	11.84	12.54	6.11	ppb
Bromine	81-1						cps
Cadmium	111-1	21.57	21.85	20.92	21.45	2.22	ppb
Cadmium	106-1	17.57	16.00	13.76	15.77	12.12	ppb
Cadmium	108-1	25.98	26.63	26.60	26.40	1.41	ppb
Calcium	43-1	97259.11	98609.91	100985.73	98951.58	1.91	ppb
Calcium	44-1	97172.85	101078.72	99748.96	99333.51	2.00	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.93	39.72	39.27	39.31	1.00	ppb
Cobalt	59-2	21.37	21.67	21.59	21.54	0.73	ppb
Copper	63-2	26.89	26.70	27.55	27.05	1.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				105		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	102280.86	103119.77	103815.10	103071.91	0.75	ppb
Iron	56-2	105347.46	103375.50	103026.42	103916.46	1.20	ppb
Iron	57-2	106675.64	104011.57	108115.22	106267.48	1.96	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	ICSAB083	Instrumnet Name :	P8
Client Sample ID :	ICSAB083	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 13:04:43	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	24.47	24.85	25.37	24.90	1.81	ppb
Lead	207-1	23.74	24.75	23.56	24.02	2.67	ppb
Lead	208-1	23.95	24.01	24.31	24.09	0.80	ppb
Lithium	6-1				109		%
Magnesium	24-2	95009.01	99156.88	99659.32	97941.73	2.61	ppb
Manganese	55-2	27.27	27.60	27.27	27.38	0.69	ppb
Molybdenum	94-1	1620.12	1714.73	1653.75	1662.87	2.88	ppb
Molybdenum	95-1	1941.79	2031.54	2010.85	1994.73	2.36	ppb
Molybdenum	96-1	1949.15	1958.96	1972.59	1960.23	0.60	ppb
Molybdenum	97-1	2004.20	2096.61	2016.12	2038.98	2.47	ppb
Molybdenum	98-1	1977.67	2043.87	1995.20	2005.58	1.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.99	26.45	26.54	25.99	3.36	ppb
Phosphorus	31-2	101824.34	102404.87	100193.45	101474.22	1.13	ppb
Potassium	39-2	95953.37	99997.51	96888.99	97613.29	2.17	ppb
Rhodium	103-1				97		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	82-1	21.56	21.10	21.05	21.24	1.31	ppb
Selenium	77-2	19.60	14.19	19.96	17.92	18.06	ppb
Selenium	78-2	21.64	17.39	14.38	17.81	20.48	ppb
Silicon	28-1	22.33	23.63	28.50	24.82	13.10	ppb
Silver	107-1	19.13	19.29	19.02	19.15	0.71	ppb
Silver	109-1	19.32	19.49	19.20	19.34	0.76	ppb
Sodium	23-2	98831.24	103172.61	103302.13	101768.66	2.50	ppb
Strontium	86-1	34.48	35.93	34.38	34.93	2.48	ppb
Strontium	88-1	33.84	35.19	35.14	34.72	2.20	ppb
Sulfur	34-1	72902.89	71713.81	75807.94	73474.88	2.87	ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	20.99	20.44	20.22	20.55	1.93	ppb
Thallium	205-1	21.08	20.58	20.82	20.83	1.20	ppb
Tin	118-1	1.24	1.09	1.31	1.21	9.58	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	ICSAB083	Instrumnet Name :	P8
Client Sample ID :	ICSAB083	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 13:04:43	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2002.06	2027.92	1971.94	2000.64	1.40	ppb
Uranium	238-1	0.03	0.02	0.03	0.03	10.11	ppb
Vanadium	51-2	19.86	20.17	20.62	20.22	1.89	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	29.31	30.92	32.18	30.80	4.67	ppb
Zirconium	90-1	0.03	0.03	0.02	0.03	22.39	ppb
Zirconium	91-1	0.02	0.06	0.02	0.03	70.81	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	CCV065	Instrumnet Name :	P8
Client Sample ID :	CCV065	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 13:07:36	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52543.99	51013.88	50777.97	51445.28	1.86	ppb
Antimony	121-1	500.59	481.75	489.52	490.62	1.93	ppb
Arsenic	75-2	525.36	526.61	519.11	523.69	0.77	ppb
Barium	135-1	2606.41	2519.29	2565.59	2563.77	1.70	ppb
Barium	137-1	2578.36	2478.75	2556.30	2537.81	2.06	ppb
Beryllium	9-1	517.71	495.95	502.24	505.30	2.22	ppb
Bismuth	209-1				99		%
Bismuth	209-2				96		%
Boron	10-1	486.85	494.57	513.99	498.47	2.81	ppb
Boron	11-1	481.27	495.28	510.19	495.58	2.92	ppb
Bromine	81-1						cps
Cadmium	111-1	503.20	487.52	482.05	490.92	2.24	ppb
Cadmium	106-1	511.79	487.31	470.24	489.78	4.26	ppb
Cadmium	108-1	481.92	482.78	478.89	481.20	0.42	ppb
Calcium	43-1	242940.08	251397.91	247658.97	247332.32	1.71	ppb
Calcium	44-1	242064.54	244639.84	238858.50	241854.29	1.20	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	502.62	494.24	488.56	495.14	1.43	ppb
Cobalt	59-2	528.77	514.61	498.55	513.98	2.94	ppb
Copper	63-2	5058.99	5011.65	4950.65	5007.10	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				106		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	54-2	127768.10	127438.61	124349.37	126518.69	1.49	ppb
Iron	56-2	130490.02	125419.77	128827.10	128245.63	2.02	ppb
Iron	57-2	130868.52	129282.75	128081.63	129410.96	1.08	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	CCV065	Instrumnet Name :	P8
Client Sample ID :	CCV065	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 13:07:36	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2583.54	2519.13	2515.25	2539.31	1.51	ppb
Lead	207-1	2566.56	2480.24	2602.63	2549.81	2.47	ppb
Lead	208-1	2562.77	2486.00	2570.32	2539.70	1.84	ppb
Lithium	6-1				109		%
Magnesium	24-2	256337.84	254881.15	250661.11	253960.03	1.16	ppb
Manganese	55-2	5250.75	5187.85	5219.41	5219.34	0.60	ppb
Molybdenum	94-1	5461.76	5369.75	5638.21	5489.91	2.48	ppb
Molybdenum	95-1	5498.91	5420.11	5481.04	5466.69	0.76	ppb
Molybdenum	96-1	5401.06	5430.60	5410.32	5413.99	0.28	ppb
Molybdenum	97-1	5478.21	5382.87	5590.22	5483.77	1.89	ppb
Molybdenum	98-1	5567.52	5478.65	5506.84	5517.67	0.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	532.06	518.06	501.16	517.09	2.99	ppb
Phosphorus	31-2	10991.99	10231.80	9950.82	10391.54	5.18	ppb
Potassium	39-2	129238.50	125676.81	125931.19	126948.83	1.57	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	82-1	517.40	524.98	518.25	520.21	0.80	ppb
Selenium	77-2	527.57	504.74	551.55	527.95	4.43	ppb
Selenium	78-2	542.75	540.55	514.25	532.52	2.98	ppb
Silicon	28-1	477.04	521.17	507.62	501.94	4.50	ppb
Silver	107-1	534.12	529.75	529.55	531.14	0.49	ppb
Silver	109-1	525.66	527.27	508.63	520.52	1.98	ppb
Sodium	23-2	260074.21	255824.15	250944.81	255614.39	1.79	ppb
Strontium	86-1	4989.57	4858.08	4850.70	4899.45	1.59	ppb
Strontium	88-1	4939.81	4962.73	4913.91	4938.82	0.49	ppb
Sulfur	34-1	9643.34	9269.64	9269.48	9394.15	2.30	ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	506.54	509.03	515.04	510.20	0.86	ppb
Thallium	205-1	517.75	508.75	513.63	513.38	0.88	ppb
Tin	118-1	513.20	503.34	500.20	505.58	1.34	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	CCV065	Instrumnet Name :	P8
Client Sample ID :	CCV065	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 13:07:36	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5458.68	5753.33	5525.14	5579.05	2.77	ppb
Uranium	238-1	521.74	520.73	523.06	521.84	0.22	ppb
Vanadium	51-2	529.39	513.75	507.29	516.81	2.20	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				100		%
Zinc	66-2	5122.22	4994.89	4880.75	4999.29	2.42	ppb
Zirconium	90-1	499.73	502.22	491.62	497.85	1.11	ppb
Zirconium	91-1	488.11	502.26	491.49	493.95	1.50	ppb

LB Number : LB117862 Operator : Jaswal
 Lab Sample ID : CCB065 Instrumnet Name : P8
 Client Sample ID : CCB065 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-16 13:18:11 DataFile Name : 017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.55	0.41	-0.12	0.61	139.76	ppb
Antimony	121-1	0.03	0.07	0.05	0.05	38.76	ppb
Arsenic	75-2	0.00	0.01	-0.05	-0.01		ppb
Barium	135-1	0.00	0.03	0.03	0.02	80.61	ppb
Barium	137-1	0.02	0.02	0.03	0.02	26.43	ppb
Beryllium	9-1	0.02	0.08	0.02	0.04	91.40	ppb
Bismuth	209-1				98		%
Bismuth	209-2				100		%
Boron	10-1	9.65	11.12	9.33	10.03	9.51	ppb
Boron	11-1	10.14	10.83	9.92	10.30	4.61	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.08	-0.13	-0.17	-0.13		ppb
Cadmium	106-1	-1.55	-2.24	-3.22	-2.34		ppb
Cadmium	108-1	-0.45	-0.28	-0.26	-0.33		ppb
Calcium	43-1	0.08	2.29	0.66	1.01	113.70	ppb
Calcium	44-1	3.54	11.93	4.69	6.72	67.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.05	-0.03	0.02	-0.02		ppb
Cobalt	59-2	0.01	0.00	-0.01	0.00	2022.18	ppb
Copper	63-2	0.14	0.04	0.12	0.10	50.76	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				99		%
Holmium	165-2				101		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	54-2	3.15	-0.12	0.78	1.27	133.40	ppb
Iron	56-2	4.28	1.22	1.20	2.24	79.33	ppb
Iron	57-2	3.22	-0.51	2.59	1.77	113.12	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	CCB065	Instrumnet Name :	P8
Client Sample ID :	CCB065	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 13:18:11	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.09	0.10	0.08	0.09	7.58	ppb
Lead	207-1	0.08	0.06	0.10	0.08	21.08	ppb
Lead	208-1	0.07	0.09	0.08	0.08	11.50	ppb
Lithium	6-1				106		%
Magnesium	24-2	3.24	1.77	1.87	2.30	35.79	ppb
Manganese	55-2	0.12	0.01	0.01	0.05	124.11	ppb
Molybdenum	94-1	0.10	0.07	0.05	0.07	35.55	ppb
Molybdenum	95-1	0.10	0.09	0.07	0.09	17.78	ppb
Molybdenum	96-1	0.06	0.11	0.05	0.08	42.38	ppb
Molybdenum	97-1	0.14	0.13	0.06	0.11	42.30	ppb
Molybdenum	98-1	0.13	0.08	0.07	0.09	30.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	0.01	0.05	0.04	56.94	ppb
Phosphorus	31-2	-17.92	12.13	-37.63	-14.47		ppb
Potassium	39-2	5.37	-5.50	11.94	3.93	223.81	ppb
Rhodium	103-1				98		%
Rhodium	103-2				101		%
Scandium	45-1				97		%
Scandium	45-2				101		%
Selenium	82-1	0.50	1.58	-0.09	0.67	127.61	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.61	1.20	-0.13	0.89	102.25	ppb
Silicon	28-1	-3.80	12.27	-0.89	2.53	338.82	ppb
Silver	107-1	0.04	0.03	0.04	0.04	10.69	ppb
Silver	109-1	0.02	0.03	0.03	0.02	29.82	ppb
Sodium	23-2	23.91	21.37	19.12	21.47	11.16	ppb
Strontium	86-1	0.04	0.08	-0.01	0.04	112.91	ppb
Strontium	88-1	0.03	0.04	0.02	0.03	33.38	ppb
Sulfur	34-1	-481.14	773.85	-108.85	61.29	1051.70	ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	-0.01	0.01	0.04	0.02	140.98	ppb
Thallium	205-1	0.01	0.01	0.02	0.02	54.62	ppb
Tin	118-1	2.37	3.08	2.40	2.62	15.35	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	CCB065	Instrumnet Name :	P8
Client Sample ID :	CCB065	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 13:18:11	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.03	0.07	-0.03	0.02	218.47	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	17.44	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	21.09	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				100		%
Zinc	66-2	0.18	-0.20	0.02	0.00	19719.61	ppb
Zirconium	90-1	0.01	0.02	0.00	0.01	94.98	ppb
Zirconium	91-1	-0.01	0.00	0.00	-0.01		ppb

LB Number : LB117862 Operator : Jaswal
 Lab Sample ID : PB141367BL Instrumnet Name : P8
 Client Sample ID : PBW367 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-16 13:21:13 DataFile Name : 018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.09	0.31	-0.01	0.46	121.91	ppb
Antimony	121-1	0.04	0.04	0.03	0.04	25.15	ppb
Arsenic	75-2	0.04	0.01	0.03	0.02	67.12	ppb
Barium	135-1	0.03	0.01	0.04	0.03	47.56	ppb
Barium	137-1	0.03	0.02	0.04	0.03	43.27	ppb
Beryllium	9-1	0.02	0.03	0.03	0.03	25.62	ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Boron	10-1	7.32	7.81	6.54	7.23	8.88	ppb
Boron	11-1	7.39	7.54	6.94	7.29	4.28	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.15	-0.11	-0.12	-0.13		ppb
Cadmium	106-1	-2.14	0.89	-0.02	-0.42		ppb
Cadmium	108-1	-0.21	-0.04	0.10	-0.05		ppb
Calcium	43-1	2.47	0.41	1.17	1.35	77.07	ppb
Calcium	44-1	8.63	4.73	3.64	5.67	46.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	0.00	-0.05	-0.02		ppb
Cobalt	59-2	0.01	0.01	0.00	0.01	71.92	ppb
Copper	63-2	0.15	0.06	0.05	0.08	62.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				97		%
Indium	115-1				100		%
Indium	115-2				95		%
Iron	54-2	1.61	1.72	1.66	1.66	3.55	ppb
Iron	56-2	2.43	1.18	1.05	1.55	49.32	ppb
Iron	57-2	0.96	0.49	2.51	1.32	80.41	ppb

LB Number : LB117862 Operator : Jaswal
 Lab Sample ID : PB141367BL Instrumnet Name : P8
 Client Sample ID : PBW367 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-16 13:21:13 DataFile Name : 018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.10	0.08	0.06	0.08	25.41	ppb
Lead	207-1	0.11	0.02	0.05	0.06	83.01	ppb
Lead	208-1	0.09	0.06	0.03	0.06	45.98	ppb
Lithium	6-1				108		%
Magnesium	24-2	4.83	3.54	2.35	3.57	34.71	ppb
Manganese	55-2	0.07	0.01	0.07	0.05	64.46	ppb
Molybdenum	94-1	0.14	0.10	0.09	0.11	23.25	ppb
Molybdenum	95-1	0.19	0.12	0.09	0.13	38.76	ppb
Molybdenum	96-1	0.05	0.06	0.06	0.06	7.34	ppb
Molybdenum	97-1	0.15	0.11	0.15	0.14	17.25	ppb
Molybdenum	98-1	0.12	0.11	0.09	0.11	11.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.02	-0.03	0.00		ppb
Phosphorus	31-2	-6.78	-37.63	-38.26	-27.55		ppb
Potassium	39-2	38.23	-0.46	-2.72	11.68	197.07	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	82-1	2.52	0.27	-0.37	0.81	187.58	ppb
Selenium	77-2	0.00	0.00	1.42	0.47	173.21	ppb
Selenium	78-2	2.83	1.03	1.02	1.63	63.92	ppb
Silicon	28-1	1.42	-4.09	-3.93	-2.20		ppb
Silver	107-1	0.03	0.00	0.02	0.02	78.43	ppb
Silver	109-1	0.02	0.00	0.00	0.00	312.21	ppb
Sodium	23-2	31.87	20.86	15.16	22.63	37.54	ppb
Strontium	86-1	0.25	0.10	0.12	0.16	52.54	ppb
Strontium	88-1	0.06	0.07	0.05	0.06	13.09	ppb
Sulfur	34-1	90.98	-430.38	-373.03	-237.47		ppb
Terbium	159-1				103		%
Terbium	159-2				95		%
Thallium	203-1	0.00	-0.01	0.01	0.00		ppb
Thallium	205-1	0.00	-0.03	-0.01	-0.01		ppb
Tin	118-1	2.74	2.78	2.23	2.59	11.90	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	PB141367BL	Instrumnet Name :	P8
Client Sample ID :	PBW367	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 13:21:13	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.03	0.01	0.06	0.04	73.03	ppb
Uranium	238-1	0.00	0.01	0.01	0.01	48.92	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	254.43	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	0.01	-0.10	0.00	-0.03		ppb
Zirconium	90-1	0.00	0.01	0.01	0.00	187.26	ppb
Zirconium	91-1	0.02	-0.02	-0.01	0.00		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	PB141367BS	Instrumnet Name :	P8
Client Sample ID :	LCS367	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 13:24:18	DataFile Name :	019LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39.26	36.23	36.09	37.19	4.82	ppb
Antimony	121-1	3.89	4.17	3.83	3.97	4.63	ppb
Arsenic	75-2	1.94	2.01	1.77	1.91	6.46	ppb
Barium	135-1	18.86	20.57	19.03	19.49	4.85	ppb
Barium	137-1	19.80	20.29	18.69	19.60	4.17	ppb
Beryllium	9-1	2.11	2.26	1.96	2.11	7.07	ppb
Bismuth	209-1				97		%
Bismuth	209-2				102		%
Boron	10-1	45.05	53.31	46.46	48.28	9.16	ppb
Boron	11-1	45.26	51.95	46.39	47.87	7.49	ppb
Bromine	81-1						cps
Cadmium	111-1	1.63	1.72	1.57	1.64	4.51	ppb
Cadmium	106-1	1.53	0.31	1.62	1.15	63.59	ppb
Cadmium	108-1	1.73	2.73	2.16	2.21	22.51	ppb
Calcium	43-1	959.07	1046.02	931.90	979.00	6.09	ppb
Calcium	44-1	980.09	1036.19	950.88	989.05	4.38	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.64	3.76	3.42	3.61	4.76	ppb
Cobalt	59-2	1.94	2.00	1.97	1.97	1.51	ppb
Copper	63-2	3.94	4.10	3.98	4.00	2.08	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				98		%
Holmium	165-2				101		%
Indium	115-1				97		%
Indium	115-2				100		%
Iron	54-2	443.92	433.61	432.83	436.79	1.42	ppb
Iron	56-2	435.02	456.06	445.05	445.38	2.36	ppb
Iron	57-2	435.72	430.19	439.31	435.07	1.06	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	PB141367BS	Instrumnet Name :	P8
Client Sample ID :	LCS367	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 13:24:18	DataFile Name :	019LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.88	1.98	1.99	1.95	3.22	ppb
Lead	207-1	1.82	2.11	1.76	1.90	9.84	ppb
Lead	208-1	1.89	1.98	1.85	1.91	3.35	ppb
Lithium	6-1				105		%
Magnesium	24-2	1006.94	989.56	970.25	988.92	1.86	ppb
Manganese	55-2	2.11	2.19	1.86	2.05	8.40	ppb
Molybdenum	94-1	12.04	12.53	12.12	12.23	2.13	ppb
Molybdenum	95-1	9.97	10.32	9.95	10.08	2.08	ppb
Molybdenum	96-1	10.04	10.20	9.83	10.02	1.88	ppb
Molybdenum	97-1	9.94	10.24	9.56	9.92	3.42	ppb
Molybdenum	98-1	9.77	10.53	9.79	10.03	4.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.01	2.09	2.11	2.07	2.64	ppb
Phosphorus	31-2	-5.16	17.17	15.20	9.07	136.26	ppb
Potassium	39-2	969.83	988.05	972.21	976.70	1.01	ppb
Rhodium	103-1				96		%
Rhodium	103-2				102		%
Scandium	45-1				96		%
Scandium	45-2				101		%
Selenium	82-1	11.41	11.38	10.55	11.11	4.40	ppb
Selenium	77-2	14.34	10.17	12.77	12.43	16.94	ppb
Selenium	78-2	12.23	14.75	11.32	12.77	13.92	ppb
Silicon	28-1	29.09	32.90	20.83	27.61	22.36	ppb
Silver	107-1	1.88	1.96	1.90	1.91	2.08	ppb
Silver	109-1	1.91	1.98	1.86	1.92	3.22	ppb
Sodium	23-2	1002.60	997.02	956.20	985.27	2.57	ppb
Strontium	86-1	1.90	2.19	2.04	2.04	7.08	ppb
Strontium	88-1	1.93	1.99	1.89	1.94	2.72	ppb
Sulfur	34-1	273.76	956.63	-42.13	396.08	128.88	ppb
Terbium	159-1				97		%
Terbium	159-2				101		%
Thallium	203-1	1.84	1.95	1.61	1.80	9.65	ppb
Thallium	205-1	1.89	1.97	1.76	1.87	5.54	ppb
Tin	118-1	12.99	14.23	12.30	13.17	7.45	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	PB141367BS	Instrumnet Name :	P8
Client Sample ID :	LCS367	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 13:24:18	DataFile Name :	019LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	9.76	11.04	10.33	10.38	6.16	ppb
Uranium	238-1	1.80	1.94	1.72	1.82	5.99	ppb
Vanadium	51-2	9.91	9.63	9.59	9.71	1.80	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	8.82	10.05	9.75	9.54	6.72	ppb
Zirconium	90-1	1.86	1.95	1.89	1.90	2.41	ppb
Zirconium	91-1	1.73	1.88	1.91	1.84	5.46	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	PB141390BL	Instrumnet Name :	P8
Client Sample ID :	PBW390	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 13:27:21	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.81	3.53	1.51	2.62	39.10	ppb
Antimony	121-1	0.07	0.06	0.05	0.06	18.71	ppb
Arsenic	75-2	0.04	-0.02	-0.02	0.00		ppb
Barium	135-1	0.47	0.18	0.09	0.24	81.10	ppb
Barium	137-1	0.33	0.15	0.09	0.19	64.79	ppb
Beryllium	9-1	0.07	0.05	0.04	0.05	25.81	ppb
Bismuth	209-1				100		%
Bismuth	209-2				102		%
Boron	10-1	11.18	10.96	10.98	11.04	1.09	ppb
Boron	11-1	10.78	11.42	9.92	10.71	7.04	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.05	-0.04	-0.10	-0.07		ppb
Cadmium	106-1	0.42	0.33	-0.54	0.07	730.23	ppb
Cadmium	108-1	0.08	0.19	-0.15	0.04	409.88	ppb
Calcium	43-1	34.93	15.31	13.26	21.17	56.52	ppb
Calcium	44-1	37.14	24.80	16.19	26.04	40.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	0.02	0.02	0.01	352.70	ppb
Cobalt	59-2	0.02	0.01	0.00	0.01	66.59	ppb
Copper	63-2	0.19	0.10	0.15	0.15	31.13	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				101		%
Holmium	165-2				101		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	54-2	5.80	6.48	5.21	5.83	10.96	ppb
Iron	56-2	6.12	6.25	4.98	5.78	12.01	ppb
Iron	57-2	6.27	7.99	2.42	5.56	51.31	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	PB141390BL	Instrumnet Name :	P8
Client Sample ID :	PBW390	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 13:27:21	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.31	0.21	0.17	0.23	32.29	ppb
Lead	207-1	0.31	0.20	0.16	0.22	34.11	ppb
Lead	208-1	0.30	0.21	0.16	0.23	30.74	ppb
Lithium	6-1				105		%
Magnesium	24-2	8.26	7.13	8.01	7.80	7.59	ppb
Manganese	55-2	0.12	0.21	0.15	0.16	28.72	ppb
Molybdenum	94-1	0.82	0.35	0.29	0.49	59.84	ppb
Molybdenum	95-1	0.73	0.35	0.34	0.47	47.50	ppb
Molybdenum	96-1	0.74	0.48	0.29	0.50	44.60	ppb
Molybdenum	97-1	0.88	0.41	0.33	0.54	53.90	ppb
Molybdenum	98-1	0.72	0.45	0.36	0.51	36.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.02	0.02	-0.01		ppb
Phosphorus	31-2	-45.96	-10.05	-34.67	-30.22		ppb
Potassium	39-2	8.03	8.56	10.23	8.94	12.82	ppb
Rhodium	103-1				97		%
Rhodium	103-2				103		%
Scandium	45-1				97		%
Scandium	45-2				102		%
Selenium	82-1	2.39	-0.05	-0.94	0.47	366.81	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.31	0.23	0.51	0.35	40.77	ppb
Silicon	28-1	1.01	7.82	3.60	4.14	82.91	ppb
Silver	107-1	0.02	0.02	0.03	0.02	10.61	ppb
Silver	109-1	0.03	0.03	0.01	0.02	36.80	ppb
Sodium	23-2	20.86	21.21	14.95	19.00	18.52	ppb
Strontium	86-1	0.69	0.52	0.36	0.52	31.34	ppb
Strontium	88-1	0.60	0.30	0.25	0.39	49.01	ppb
Sulfur	34-1	19.04	760.53	360.39	379.99	97.67	ppb
Terbium	159-1				99		%
Terbium	159-2				101		%
Thallium	203-1	0.05	-0.02	0.02	0.02	183.15	ppb
Thallium	205-1	0.05	0.00	0.02	0.02	94.29	ppb
Tin	118-1	2.89	2.80	2.86	2.85	1.72	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	PB141390BL	Instrumnet Name :	P8
Client Sample ID :	PBW390	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 13:27:21	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.87	0.28	0.32	0.49	67.42	ppb
Uranium	238-1	0.06	0.04	0.03	0.04	36.61	ppb
Vanadium	51-2	0.02	0.02	0.01	0.02	27.22	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	-0.03	0.21	0.11	0.10	125.26	ppb
Zirconium	90-1	0.06	0.03	0.02	0.04	51.83	ppb
Zirconium	91-1	0.01	0.02	0.03	0.02	45.00	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	PB141390BS	Instrumnet Name :	P8
Client Sample ID :	LCS390	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 13:30:26	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38.44	36.51	37.30	37.42	2.59	ppb
Antimony	121-1	3.88	3.99	3.74	3.87	3.12	ppb
Arsenic	75-2	2.18	2.00	2.10	2.09	4.19	ppb
Barium	135-1	19.83	19.87	19.89	19.87	0.15	ppb
Barium	137-1	20.01	19.73	19.07	19.61	2.48	ppb
Beryllium	9-1	2.16	2.14	2.05	2.12	2.72	ppb
Bismuth	209-1				98		%
Bismuth	209-2				101		%
Boron	10-1	45.38	48.23	48.73	47.45	3.81	ppb
Boron	11-1	45.96	48.79	49.69	48.15	4.04	ppb
Bromine	81-1						cps
Cadmium	111-1	1.85	1.66	1.70	1.73	5.82	ppb
Cadmium	106-1	1.31	3.58	4.80	3.23	54.83	ppb
Cadmium	108-1	1.87	1.88	1.60	1.78	8.94	ppb
Calcium	43-1	962.65	1004.89	954.31	973.95	2.78	ppb
Calcium	44-1	978.24	1007.97	955.93	980.72	2.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.69	3.74	3.53	3.65	2.97	ppb
Cobalt	59-2	2.00	1.90	1.85	1.92	3.98	ppb
Copper	63-2	3.99	4.00	3.93	3.97	0.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				102		%
Indium	115-1				98		%
Indium	115-2				101		%
Iron	54-2	451.67	434.97	418.84	435.16	3.77	ppb
Iron	56-2	442.13	446.18	438.79	442.37	0.84	ppb
Iron	57-2	437.10	434.05	434.74	435.30	0.37	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	PB141390BS	Instrumnet Name :	P8
Client Sample ID :	LCS390	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 13:30:26	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.94	1.84	1.87	1.88	2.67	ppb
Lead	207-1	1.90	1.80	1.79	1.83	3.26	ppb
Lead	208-1	1.86	1.85	1.85	1.85	0.26	ppb
Lithium	6-1				105		%
Magnesium	24-2	1005.23	975.13	977.87	986.08	1.69	ppb
Manganese	55-2	1.99	1.89	2.05	1.98	4.07	ppb
Molybdenum	94-1	12.07	12.18	11.90	12.05	1.19	ppb
Molybdenum	95-1	10.14	10.02	9.94	10.03	1.01	ppb
Molybdenum	96-1	10.18	9.61	9.80	9.86	2.95	ppb
Molybdenum	97-1	10.59	9.59	10.21	10.13	4.97	ppb
Molybdenum	98-1	10.12	9.93	10.00	10.02	0.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.07	2.00	1.84	1.97	5.91	ppb
Phosphorus	31-2	29.19	23.64	7.99	20.27	54.23	ppb
Potassium	39-2	963.28	965.91	930.82	953.34	2.05	ppb
Rhodium	103-1				97		%
Rhodium	103-2				103		%
Scandium	45-1				98		%
Scandium	45-2				103		%
Selenium	82-1	11.22	9.77	9.38	10.12	9.56	ppb
Selenium	77-2	8.56	7.13	5.67	7.12	20.27	ppb
Selenium	78-2	9.77	9.40	9.94	9.70	2.88	ppb
Silicon	28-1	19.11	26.27	17.93	21.10	21.38	ppb
Silver	107-1	1.88	2.00	1.95	1.94	3.17	ppb
Silver	109-1	2.01	1.98	1.89	1.96	3.13	ppb
Sodium	23-2	985.97	995.52	971.29	984.26	1.24	ppb
Strontium	86-1	1.79	1.96	2.17	1.97	9.74	ppb
Strontium	88-1	1.94	1.98	1.95	1.96	1.21	ppb
Sulfur	34-1	139.33	639.40	13.06	263.93	125.50	ppb
Terbium	159-1				97		%
Terbium	159-2				102		%
Thallium	203-1	1.83	1.73	1.78	1.78	2.89	ppb
Thallium	205-1	1.87	1.77	1.87	1.84	3.39	ppb
Tin	118-1	13.28	13.37	12.65	13.10	2.99	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	PB141390BS	Instrumnet Name :	P8
Client Sample ID :	LCS390	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 13:30:26	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	10.26	10.60	9.95	10.27	3.15	ppb
Uranium	238-1	1.78	1.92	1.81	1.84	3.99	ppb
Vanadium	51-2	9.59	9.31	9.13	9.35	2.49	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	10.39	9.72	10.21	10.10	3.44	ppb
Zirconium	90-1	1.96	1.93	1.88	1.92	2.14	ppb
Zirconium	91-1	2.03	1.78	1.73	1.85	8.64	ppb

LB Number : LB117862 Operator : Jaswal
 Lab Sample ID : PB141392BL Instrumnet Name : P8
 Client Sample ID : PBW392 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-16 13:33:29 DataFile Name : 022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.45	1.21	1.50	1.39	11.07	ppb
Antimony	121-1	0.01	0.03	0.02	0.02	66.94	ppb
Arsenic	75-2	0.02	-0.04	-0.02	-0.02		ppb
Barium	135-1	0.02	0.02	0.03	0.02	28.31	ppb
Barium	137-1	0.08	0.07	0.02	0.06	53.48	ppb
Beryllium	9-1	-0.01	0.04	0.00	0.01	185.47	ppb
Bismuth	209-1				101		%
Bismuth	209-2				96		%
Boron	10-1	10.72	11.66	10.06	10.81	7.43	ppb
Boron	11-1	10.49	10.05	9.26	9.93	6.25	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.10	-0.11	-0.08	-0.10		ppb
Cadmium	106-1	0.60	2.70	2.06	1.79	59.98	ppb
Cadmium	108-1	-0.15	-0.29	-0.34	-0.26		ppb
Calcium	43-1	6.10	5.93	2.62	4.88	40.13	ppb
Calcium	44-1	9.15	8.66	4.59	7.47	33.52	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	-0.01	0.03	0.00	12860.09	ppb
Cobalt	59-2	0.02	0.01	0.01	0.01	66.05	ppb
Copper	63-2	0.06	0.12	0.01	0.06	95.81	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				97		%
Indium	115-1				99		%
Indium	115-2				95		%
Iron	54-2	0.71	3.35	0.37	1.47	110.71	ppb
Iron	56-2	2.50	2.68	1.88	2.35	17.89	ppb
Iron	57-2	0.29	2.29	2.81	1.80	73.97	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	PB141392BL	Instrumnet Name :	P8
Client Sample ID :	PBW392	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 13:33:29	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.05	0.07	0.03	0.05	34.86	ppb
Lead	207-1	0.05	0.05	0.04	0.04	14.49	ppb
Lead	208-1	0.05	0.05	0.03	0.04	29.61	ppb
Lithium	6-1				105		%
Magnesium	24-2	3.32	4.93	3.37	3.87	23.55	ppb
Manganese	55-2	0.09	0.04	0.03	0.06	53.88	ppb
Molybdenum	94-1	0.14	0.16	0.07	0.13	36.30	ppb
Molybdenum	95-1	0.17	0.14	0.10	0.13	26.18	ppb
Molybdenum	96-1	0.17	0.12	0.09	0.13	30.50	ppb
Molybdenum	97-1	0.21	0.20	0.12	0.18	29.16	ppb
Molybdenum	98-1	0.17	0.17	0.11	0.15	21.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.02	0.00	0.00		ppb
Phosphorus	31-2	-44.33	1.68	-8.55	-17.07		ppb
Potassium	39-2	9.88	43.92	17.51	23.77	75.15	ppb
Rhodium	103-1				99		%
Rhodium	103-2				95		%
Scandium	45-1				98		%
Scandium	45-2				94		%
Selenium	82-1	1.24	-0.05	-0.87	0.11	989.58	ppb
Selenium	77-2	0.00	1.67	0.00	0.56	173.21	ppb
Selenium	78-2	1.66	0.80	1.08	1.18	37.04	ppb
Silicon	28-1	-2.04	3.52	-1.88	-0.13		ppb
Silver	107-1	0.03	0.02	0.02	0.02	20.08	ppb
Silver	109-1	0.02	0.02	0.02	0.02	5.27	ppb
Sodium	23-2	15.61	19.64	15.89	17.05	13.21	ppb
Strontium	86-1	0.26	0.13	0.14	0.18	40.45	ppb
Strontium	88-1	0.10	0.08	0.06	0.08	28.35	ppb
Sulfur	34-1	48.17	368.79	-338.86	26.03	1361.30	ppb
Terbium	159-1				99		%
Terbium	159-2				96		%
Thallium	203-1	-0.06	-0.05	-0.07	-0.06		ppb
Thallium	205-1	0.00	-0.04	-0.04	-0.03		ppb
Tin	118-1	2.71	3.14	2.83	2.89	7.55	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	PB141392BL	Instrumnet Name :	P8
Client Sample ID :	PBW392	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 13:33:29	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.08	0.19	0.08	0.12	56.93	ppb
Uranium	238-1	0.01	0.01	0.00	0.01	56.86	ppb
Vanadium	51-2	0.01	0.02	0.00	0.01	169.32	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				95		%
Zinc	66-2	0.26	0.12	0.02	0.13	89.47	ppb
Zirconium	90-1	-0.01	0.01	0.00	0.00	4424.28	ppb
Zirconium	91-1	0.00	-0.01	0.03	0.01	302.72	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	PB141392BS	Instrumnet Name :	P8
Client Sample ID :	LCS392	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 13:36:34	DataFile Name :	023LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38.18	36.45	38.78	37.80	3.20	ppb
Antimony	121-1	3.81	3.82	3.85	3.83	0.44	ppb
Arsenic	75-2	2.00	1.89	2.12	2.00	5.85	ppb
Barium	135-1	19.49	18.76	19.96	19.40	3.12	ppb
Barium	137-1	19.36	18.83	19.13	19.11	1.39	ppb
Beryllium	9-1	2.02	1.97	2.17	2.05	5.06	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	10-1	46.14	43.78	51.92	47.28	8.86	ppb
Boron	11-1	45.13	44.87	48.95	46.32	4.94	ppb
Bromine	81-1						cps
Cadmium	111-1	1.84	1.74	1.78	1.78	2.73	ppb
Cadmium	106-1	1.66	1.73	3.18	2.19	39.13	ppb
Cadmium	108-1	1.41	2.31	1.48	1.73	29.10	ppb
Calcium	43-1	973.92	912.54	993.15	959.87	4.39	ppb
Calcium	44-1	976.31	917.39	998.92	964.21	4.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.81	3.81	3.95	3.86	2.08	ppb
Cobalt	59-2	2.07	2.06	1.99	2.04	2.12	ppb
Copper	63-2	3.93	4.14	4.31	4.13	4.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				103		%
Indium	115-1				100		%
Indium	115-2				102		%
Iron	54-2	444.05	464.46	453.11	453.88	2.25	ppb
Iron	56-2	456.88	449.96	469.36	458.73	2.14	ppb
Iron	57-2	456.46	466.42	451.01	457.96	1.71	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	PB141392BS	Instrumnet Name :	P8
Client Sample ID :	LCS392	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 13:36:34	DataFile Name :	023LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.89	1.77	1.71	1.79	5.29	ppb
Lead	207-1	1.83	1.64	1.71	1.72	5.70	ppb
Lead	208-1	1.81	1.75	1.77	1.78	1.80	ppb
Lithium	6-1				107		%
Magnesium	24-2	1001.88	994.08	1024.12	1006.69	1.55	ppb
Manganese	55-2	1.95	2.33	2.06	2.11	9.32	ppb
Molybdenum	94-1	11.86	11.49	11.77	11.71	1.64	ppb
Molybdenum	95-1	10.17	9.60	9.71	9.83	3.08	ppb
Molybdenum	96-1	9.93	9.46	9.73	9.70	2.44	ppb
Molybdenum	97-1	9.83	9.45	9.33	9.54	2.71	ppb
Molybdenum	98-1	9.85	9.34	9.94	9.71	3.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.97	1.96	2.02	1.98	1.43	ppb
Phosphorus	31-2	-25.60	20.17	100.47	31.68	201.43	ppb
Potassium	39-2	981.25	986.31	1006.47	991.34	1.35	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	82-1	11.01	10.19	9.66	10.29	6.65	ppb
Selenium	77-2	8.62	17.20	12.65	12.82	33.46	ppb
Selenium	78-2	11.14	11.35	9.32	10.60	10.55	ppb
Silicon	28-1	18.75	10.17	21.67	16.86	35.45	ppb
Silver	107-1	1.87	1.96	2.06	1.96	4.71	ppb
Silver	109-1	1.91	1.94	1.84	1.89	2.68	ppb
Sodium	23-2	1013.55	997.78	1027.89	1013.08	1.49	ppb
Strontium	86-1	1.88	1.99	2.04	1.97	4.13	ppb
Strontium	88-1	1.96	1.82	1.93	1.90	3.72	ppb
Sulfur	34-1	-152.38	-578.54	384.22	-115.56		ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	1.84	1.68	1.66	1.73	5.72	ppb
Thallium	205-1	1.88	1.69	1.84	1.80	5.53	ppb
Tin	118-1	12.42	12.30	12.89	12.54	2.49	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	PB141392BS	Instrumnet Name :	P8
Client Sample ID :	LCS392	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 13:36:34	DataFile Name :	023LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	10.11	9.20	9.98	9.77	5.03	ppb
Uranium	238-1	1.82	1.74	1.72	1.76	3.17	ppb
Vanadium	51-2	9.74	9.81	10.29	9.95	3.03	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	10.16	10.49	10.72	10.46	2.66	ppb
Zirconium	90-1	1.92	1.87	1.90	1.90	1.36	ppb
Zirconium	91-1	1.90	1.76	1.85	1.84	3.88	ppb

LB Number : LB117862 Operator : Jaswal
 Lab Sample ID : PB141394BL Instrumnet Name : P8
 Client Sample ID : PBW394 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-16 13:39:37 DataFile Name : 024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.22	0.26	-0.35	-0.11		ppb
Antimony	121-1	0.01	0.02	0.03	0.02	32.90	ppb
Arsenic	75-2	-0.05	-0.01	-0.01	-0.02		ppb
Barium	135-1	-0.03	0.00	-0.02	-0.02		ppb
Barium	137-1	0.01	0.02	-0.01	0.01	184.24	ppb
Beryllium	9-1	-0.02	0.01	0.01	0.00	2819.30	ppb
Bismuth	209-1				99		%
Bismuth	209-2				103		%
Boron	10-1	10.43	8.82	9.68	9.64	8.33	ppb
Boron	11-1	9.73	10.03	10.04	9.93	1.76	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.10	-0.17	-0.15	-0.14		ppb
Cadmium	106-1	1.61	-2.04	-0.47	-0.30		ppb
Cadmium	108-1	0.22	-0.06	-0.26	-0.03		ppb
Calcium	43-1	0.17	0.73	-0.78	0.04	1813.59	ppb
Calcium	44-1	0.90	-0.40	-1.02	-0.17		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	-0.04		ppb
Cobalt	59-2	0.01	-0.01	0.00	0.00		ppb
Copper	63-2	-0.02	-0.01	-0.02	-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				102		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	54-2	-0.26	-0.22	-1.03	-0.51		ppb
Iron	56-2	0.34	0.20	0.24	0.26	28.49	ppb
Iron	57-2	-0.14	-0.62	0.43	-0.11		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	PB141394BL	Instrumnet Name :	P8
Client Sample ID :	PBW394	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 13:39:37	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.00	-0.02	0.03	0.00	561.12	ppb
Lead	207-1	-0.01	-0.03	0.02	-0.01		ppb
Lead	208-1	-0.01	-0.01	0.02	0.00	1118.83	ppb
Lithium	6-1				105		%
Magnesium	24-2	1.04	1.22	0.70	0.99	26.83	ppb
Manganese	55-2	0.01	0.01	-0.01	0.00	236.14	ppb
Molybdenum	94-1	0.01	-0.01	0.00	0.00		ppb
Molybdenum	95-1	0.03	0.02	0.00	0.02	100.29	ppb
Molybdenum	96-1	0.01	0.01	-0.01	0.01	202.01	ppb
Molybdenum	97-1	0.03	0.04	0.05	0.04	20.10	ppb
Molybdenum	98-1	0.02	0.02	0.03	0.03	34.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.02	-0.07	-0.02		ppb
Phosphorus	31-2	-37.59	-42.65	-44.61	-41.62		ppb
Potassium	39-2	7.15	4.12	-4.81	2.16	288.27	ppb
Rhodium	103-1				101		%
Rhodium	103-2				104		%
Scandium	45-1				100		%
Scandium	45-2				103		%
Selenium	82-1	0.31	1.68	0.89	0.96	71.53	ppb
Selenium	77-2	0.00	0.00	1.43	0.48	173.21	ppb
Selenium	78-2	-0.01	1.04	0.55	0.53	100.01	ppb
Silicon	28-1	-1.50	-0.76	-5.01	-2.42		ppb
Silver	107-1	0.06	0.03	0.04	0.04	27.28	ppb
Silver	109-1	0.04	0.02	0.01	0.02	75.63	ppb
Sodium	23-2	6.74	8.26	4.60	6.53	28.11	ppb
Strontium	86-1	0.13	0.06	0.14	0.11	39.97	ppb
Strontium	88-1	0.00	0.01	0.00	0.01	115.10	ppb
Sulfur	34-1	24.97	93.69	-34.71	27.98	229.62	ppb
Terbium	159-1				100		%
Terbium	159-2				103		%
Thallium	203-1	-0.07	-0.05	-0.03	-0.05		ppb
Thallium	205-1	-0.02	-0.04	-0.03	-0.03		ppb
Tin	118-1	2.63	2.63	2.33	2.53	6.91	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	PB141394BL	Instrumnet Name :	P8
Client Sample ID :	PBW394	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 13:39:37	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.03	0.14	-0.07	0.03	308.34	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	25.35	ppb
Vanadium	51-2	0.01	0.01	0.00	0.00	110.44	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	-0.23	-0.19	0.00	-0.14		ppb
Zirconium	90-1	0.01	0.00	-0.01	0.00	424.69	ppb
Zirconium	91-1	0.01	0.00	-0.02	0.00		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	PB141394BS	Instrumnet Name :	P8
Client Sample ID :	LCS394	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 13:42:42	DataFile Name :	025LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38.21	38.36	37.90	38.15	0.62	ppb
Antimony	121-1	3.71	3.91	3.95	3.86	3.33	ppb
Arsenic	75-2	1.97	2.00	1.74	1.90	7.34	ppb
Barium	135-1	19.03	19.26	19.87	19.39	2.25	ppb
Barium	137-1	18.60	19.68	19.83	19.37	3.46	ppb
Beryllium	9-1	1.93	2.15	1.87	1.98	7.51	ppb
Bismuth	209-1				100		%
Bismuth	209-2				102		%
Boron	10-1	40.36	46.78	47.98	45.04	9.09	ppb
Boron	11-1	39.68	46.52	45.73	43.98	8.50	ppb
Bromine	81-1						cps
Cadmium	111-1	1.73	1.61	1.70	1.68	3.93	ppb
Cadmium	106-1	2.34	0.55	3.11	2.00	65.74	ppb
Cadmium	108-1	2.14	1.80	1.90	1.95	8.82	ppb
Calcium	43-1	944.95	955.91	923.03	941.29	1.78	ppb
Calcium	44-1	966.51	947.18	932.59	948.76	1.79	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.81	3.67	3.62	3.70	2.61	ppb
Cobalt	59-2	2.06	1.97	2.05	2.03	2.52	ppb
Copper	63-2	4.06	4.09	4.01	4.05	1.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				102		%
Iron	54-2	446.17	444.61	464.29	451.69	2.42	ppb
Iron	56-2	461.78	449.58	458.22	456.53	1.37	ppb
Iron	57-2	440.53	458.24	459.71	452.83	2.36	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	PB141394BS	Instrumnet Name :	P8
Client Sample ID :	LCS394	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 13:42:42	DataFile Name :	025LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.80	1.83	1.86	1.83	1.53	ppb
Lead	207-1	1.81	1.95	1.70	1.82	7.01	ppb
Lead	208-1	1.82	1.83	1.75	1.80	2.48	ppb
Lithium	6-1				109		%
Magnesium	24-2	1020.89	983.54	1008.52	1004.32	1.89	ppb
Manganese	55-2	1.95	2.05	2.04	2.01	2.85	ppb
Molybdenum	94-1	12.04	11.13	12.05	11.74	4.49	ppb
Molybdenum	95-1	10.46	9.42	10.01	9.96	5.20	ppb
Molybdenum	96-1	9.87	9.94	10.00	9.94	0.65	ppb
Molybdenum	97-1	9.86	9.72	10.16	9.92	2.27	ppb
Molybdenum	98-1	10.06	9.56	9.69	9.77	2.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.13	2.19	2.00	2.11	4.53	ppb
Phosphorus	31-2	38.61	72.17	30.40	47.06	47.03	ppb
Potassium	39-2	991.84	961.31	1000.59	984.58	2.09	ppb
Rhodium	103-1				99		%
Rhodium	103-2				103		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	82-1	11.42	11.24	9.84	10.83	8.01	ppb
Selenium	77-2	11.17	4.20	7.01	7.46	47.03	ppb
Selenium	78-2	13.14	10.37	11.49	11.67	11.97	ppb
Silicon	28-1	19.50	17.00	14.55	17.02	14.54	ppb
Silver	107-1	1.87	2.02	2.07	1.99	5.17	ppb
Silver	109-1	1.95	2.04	2.06	2.01	2.85	ppb
Sodium	23-2	976.16	988.95	1003.75	989.62	1.40	ppb
Strontium	86-1	2.09	1.93	1.97	1.99	4.24	ppb
Strontium	88-1	2.01	1.96	1.90	1.95	2.86	ppb
Sulfur	34-1	44.83	36.59	-153.50	-24.03		ppb
Terbium	159-1				99		%
Terbium	159-2				102		%
Thallium	203-1	1.77	1.72	1.68	1.73	2.51	ppb
Thallium	205-1	1.80	1.80	1.68	1.76	3.78	ppb
Tin	118-1	12.31	12.99	12.51	12.60	2.77	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	PB141394BS	Instrumnet Name :	P8
Client Sample ID :	LCS394	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 13:42:42	DataFile Name :	025LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	9.46	10.12	9.01	9.53	5.88	ppb
Uranium	238-1	1.73	1.79	1.76	1.76	1.57	ppb
Vanadium	51-2	10.26	9.67	10.11	10.01	3.06	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				104		%
Zinc	66-2	10.52	10.54	9.14	10.07	8.00	ppb
Zirconium	90-1	1.96	1.94	1.93	1.95	0.80	ppb
Zirconium	91-1	1.87	1.84	1.88	1.86	1.07	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-01	Instrumnet Name :	P8
Client Sample ID :	C00V3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 13:45:44	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.30	1.77	1.26	1.44	19.88	ppb
Antimony	121-1	0.01	0.01	0.03	0.02	51.90	ppb
Arsenic	75-2	-0.02	-0.05	-0.05	-0.04		ppb
Barium	135-1	0.07	0.04	0.06	0.06	22.21	ppb
Barium	137-1	0.06	0.08	0.07	0.07	18.15	ppb
Beryllium	9-1	-0.01	0.00	-0.01	-0.01		ppb
Bismuth	209-1				101		%
Bismuth	209-2				103		%
Boron	10-1	11.49	9.64	9.69	10.27	10.24	ppb
Boron	11-1	10.66	8.79	8.84	9.43	11.31	ppb
Bromine	81-1						cps
Cadmium	111-1	0.03	0.01	0.02	0.02	41.03	ppb
Cadmium	106-1	0.26	1.15	0.37	0.59	82.00	ppb
Cadmium	108-1	-0.02	-0.10	-0.39	-0.17		ppb
Calcium	43-1	21.31	19.28	22.26	20.95	7.28	ppb
Calcium	44-1	23.38	21.36	23.22	22.66	4.96	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.20	0.24	0.17	0.20	17.96	ppb
Cobalt	59-2	-0.02	-0.01	0.00	-0.01		ppb
Copper	63-2	0.04	0.07	0.10	0.07	45.24	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				101		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				103		%
Iron	54-2	3.46	2.32	2.51	2.76	22.12	ppb
Iron	56-2	2.82	2.94	2.86	2.87	2.21	ppb
Iron	57-2	0.49	2.22	1.48	1.40	61.89	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-01	Instrumnet Name :	P8
Client Sample ID :	C00V3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 13:45:44	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.03	0.03	0.00	0.02	73.61	ppb
Lead	207-1	-0.04	-0.04	-0.04	-0.04		ppb
Lead	208-1	0.01	0.00	0.00	0.00	1272.11	ppb
Lithium	6-1				107		%
Magnesium	24-2	2.76	3.23	3.71	3.23	14.63	ppb
Manganese	55-2	0.14	0.17	0.19	0.17	14.48	ppb
Molybdenum	94-1	0.00	-0.01	-0.01	-0.01		ppb
Molybdenum	95-1	-0.01	0.00	0.00	-0.01		ppb
Molybdenum	96-1	-0.02	-0.02	-0.04	-0.03		ppb
Molybdenum	97-1	0.04	0.05	0.01	0.03	60.72	ppb
Molybdenum	98-1	0.03	0.01	0.00	0.01	134.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.08	0.10	0.07	67.97	ppb
Phosphorus	31-2	-12.20	2.00	-69.00	-26.40		ppb
Potassium	39-2	-1.72	-8.05	-0.31	-3.36		ppb
Rhodium	103-1				100		%
Rhodium	103-2				106		%
Scandium	45-1				100		%
Scandium	45-2				105		%
Selenium	82-1	-0.23	0.33	-1.16	-0.36		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.73	0.99	-0.01	0.57	90.87	ppb
Silicon	28-1	5.53	0.32	4.13	3.33	80.94	ppb
Silver	107-1	0.04	0.03	0.02	0.03	30.72	ppb
Silver	109-1	0.04	0.02	0.03	0.03	22.39	ppb
Sodium	23-2	3.79	5.00	3.61	4.13	18.38	ppb
Strontium	86-1	0.20	0.05	-0.01	0.08	134.84	ppb
Strontium	88-1	0.04	0.04	0.04	0.04	9.14	ppb
Sulfur	34-1	538.00	79.21	313.59	310.27	73.94	ppb
Terbium	159-1				99		%
Terbium	159-2				105		%
Thallium	203-1	-0.06	-0.11	-0.10	-0.09		ppb
Thallium	205-1	-0.08	-0.10	-0.09	-0.09		ppb
Tin	118-1	-4.03	-4.10	-4.02	-4.05		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-01	Instrumnet Name :	P8
Client Sample ID :	C00V3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 13:45:44	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.22	0.21	0.15	0.19	20.45	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	33.05	ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	314.00	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				106		%
Zinc	66-2	3.21	2.82	3.37	3.13	8.93	ppb
Zirconium	90-1	0.00	0.02	-0.02	0.00		ppb
Zirconium	91-1	0.02	0.02	0.02	0.02	5.41	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-02	Instrumnet Name :	P8
Client Sample ID :	C00V5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 13:48:49	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24.21	21.80	28.69	24.90	14.03	ppb
Antimony	121-1	0.07	0.06	0.06	0.07	5.63	ppb
Arsenic	75-2	10.02	9.87	10.16	10.02	1.49	ppb
Barium	135-1	226.95	225.31	230.61	227.62	1.19	ppb
Barium	137-1	228.96	221.46	231.74	227.39	2.34	ppb
Beryllium	9-1	0.01	0.00	0.03	0.01	131.90	ppb
Bismuth	209-1				100		%
Bismuth	209-2				104		%
Boron	10-1	36.56	36.32	42.08	38.32	8.50	ppb
Boron	11-1	35.45	36.96	40.60	37.67	7.02	ppb
Bromine	81-1						cps
Cadmium	111-1	0.02	0.05	0.02	0.03	62.64	ppb
Cadmium	106-1	-0.49	1.81	2.93	1.41	123.17	ppb
Cadmium	108-1	0.31	0.05	0.14	0.16	81.19	ppb
Calcium	43-1	40345.65	41677.33	41723.42	41248.80	1.90	ppb
Calcium	44-1	39742.77	40418.84	41021.37	40394.33	1.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.30	0.42	0.36	0.36	16.55	ppb
Cobalt	59-2	0.23	0.24	0.27	0.25	7.56	ppb
Copper	63-2	0.33	0.31	0.33	0.32	4.31	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				106		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				104		%
Iron	54-2	11942.36	12152.77	11956.36	12017.16	0.98	ppb
Iron	56-2	12055.73	11985.57	12476.94	12172.75	2.18	ppb
Iron	57-2	11952.46	11772.81	12099.66	11941.65	1.37	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-02	Instrumnet Name :	P8
Client Sample ID :	C00V5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 13:48:49	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.12	0.15	0.21	0.16	30.65	ppb
Lead	207-1	0.16	0.16	0.14	0.15	7.52	ppb
Lead	208-1	0.12	0.14	0.15	0.14	10.36	ppb
Lithium	6-1				108		%
Magnesium	24-2	9041.26	9368.13	9378.17	9262.52	2.07	ppb
Manganese	55-2	1680.81	1721.68	1724.79	1709.10	1.44	ppb
Molybdenum	94-1	0.72	0.80	0.82	0.78	6.91	ppb
Molybdenum	95-1	0.81	0.70	0.82	0.78	8.47	ppb
Molybdenum	96-1	0.88	0.78	0.94	0.87	9.03	ppb
Molybdenum	97-1	0.88	0.89	0.79	0.85	6.40	ppb
Molybdenum	98-1	0.81	0.80	0.73	0.78	5.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.90	0.98	1.05	0.98	7.75	ppb
Phosphorus	31-2	-11.93	-32.83	-27.08	-23.94		ppb
Potassium	39-2	9012.71	9237.93	9268.56	9173.07	1.52	ppb
Rhodium	103-1				101		%
Rhodium	103-2				105		%
Scandium	45-1				103		%
Scandium	45-2				106		%
Selenium	82-1	1.44	0.59	0.84	0.95	45.79	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.07	0.77	1.68	1.17	39.58	ppb
Silicon	28-1	7567.91	8005.58	7745.92	7773.14	2.83	ppb
Silver	107-1	0.00	0.01	0.00	0.00	100.45	ppb
Silver	109-1	0.00	0.00	0.01	0.00	234.16	ppb
Sodium	23-2	14183.70	14467.47	14887.05	14512.74	2.44	ppb
Strontium	86-1	414.26	402.27	414.91	410.48	1.73	ppb
Strontium	88-1	407.88	406.01	413.01	408.96	0.89	ppb
Sulfur	34-1	2222.97	2147.71	2399.76	2256.81	5.73	ppb
Terbium	159-1				101		%
Terbium	159-2				106		%
Thallium	203-1	-0.11	-0.14	-0.12	-0.12		ppb
Thallium	205-1	-0.14	-0.14	-0.14	-0.14		ppb
Tin	118-1	-3.97	-4.01	-3.91	-3.96		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-02	Instrumnet Name :	P8
Client Sample ID :	C00V5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 13:48:49	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.87	0.78	3.01	1.55	81.28	ppb
Uranium	238-1	0.01	0.02	0.01	0.01	32.22	ppb
Vanadium	51-2	0.05	0.09	0.09	0.08	25.76	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	3.04	2.78	2.97	2.93	4.64	ppb
Zirconium	90-1	0.06	0.09	0.05	0.06	29.92	ppb
Zirconium	91-1	0.07	0.10	0.09	0.09	22.83	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-03	Instrumnet Name :	P8
Client Sample ID :	C00V7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 13:51:47	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.37	16.35	18.38	17.37	5.84	ppb
Antimony	121-1	0.03	0.02	0.05	0.03	40.34	ppb
Arsenic	75-2	1.83	1.81	1.91	1.85	2.93	ppb
Barium	135-1	42.51	41.00	40.22	41.24	2.82	ppb
Barium	137-1	42.97	41.09	40.66	41.57	2.95	ppb
Beryllium	9-1	0.02	0.02	-0.01	0.01	187.19	ppb
Bismuth	209-1				102		%
Bismuth	209-2				104		%
Boron	10-1	28.53	27.71	27.71	27.98	1.71	ppb
Boron	11-1	26.99	27.12	29.25	27.78	4.57	ppb
Bromine	81-1						cps
Cadmium	111-1	0.09	0.06	0.02	0.06	67.57	ppb
Cadmium	106-1	3.13	2.39	0.52	2.01	66.99	ppb
Cadmium	108-1	0.24	0.25	0.02	0.17	77.93	ppb
Calcium	43-1	21646.60	21287.15	22330.53	21754.76	2.44	ppb
Calcium	44-1	21620.19	21732.85	21330.97	21561.34	0.96	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.30	0.17	0.25	0.24	26.10	ppb
Cobalt	59-2	5.67	5.65	5.52	5.61	1.49	ppb
Copper	63-2	8.56	8.41	8.77	8.58	2.07	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				102		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				103		%
Iron	54-2	23707.47	24942.65	23771.06	24140.39	2.88	ppb
Iron	56-2	24490.43	24131.33	23724.17	24115.31	1.59	ppb
Iron	57-2	23678.49	23475.96	23481.11	23545.19	0.49	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-03	Instrumnet Name :	P8
Client Sample ID :	C00V7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 13:51:47	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.03	0.05	0.05	0.05	22.73	ppb
Lead	207-1	0.04	0.01	0.02	0.02	74.76	ppb
Lead	208-1	0.03	0.04	0.04	0.04	19.01	ppb
Lithium	6-1				109		%
Magnesium	24-2	10187.11	9660.74	9740.81	9862.89	2.88	ppb
Manganese	55-2	1774.57	1720.10	1699.93	1731.54	2.23	ppb
Molybdenum	94-1	0.14	0.21	0.13	0.16	27.42	ppb
Molybdenum	95-1	0.15	0.15	0.16	0.15	5.02	ppb
Molybdenum	96-1	0.28	0.29	0.33	0.30	7.78	ppb
Molybdenum	97-1	0.15	0.12	0.17	0.14	16.95	ppb
Molybdenum	98-1	0.12	0.11	0.07	0.10	24.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.80	7.57	7.53	7.64	1.93	ppb
Phosphorus	31-2	-26.50	-52.79	-14.31	-31.20		ppb
Potassium	39-2	2540.60	2578.58	2491.68	2536.95	1.72	ppb
Rhodium	103-1				100		%
Rhodium	103-2				105		%
Scandium	45-1				102		%
Scandium	45-2				105		%
Selenium	82-1	0.69	-0.08	0.80	0.47	101.17	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.35	0.50	-0.09	0.02	2551.30	ppb
Silicon	28-1	3887.16	3870.32	3805.23	3854.23	1.12	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	18803.16	18367.12	18686.39	18618.89	1.21	ppb
Strontium	86-1	173.28	174.77	166.97	171.67	2.41	ppb
Strontium	88-1	176.94	173.52	170.91	173.79	1.74	ppb
Sulfur	34-1	22540.30	20712.73	20692.19	21315.07	4.98	ppb
Terbium	159-1				101		%
Terbium	159-2				106		%
Thallium	203-1	-0.12	-0.12	-0.15	-0.13		ppb
Thallium	205-1	-0.12	-0.13	-0.13	-0.13		ppb
Tin	118-1	-4.15	-4.08	-4.07	-4.10		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-03	Instrumnet Name :	P8
Client Sample ID :	C00V7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 13:51:47	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.71	0.78	0.83	0.77	7.93	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	12.71	ppb
Vanadium	51-2	0.07	0.03	0.04	0.05	39.98	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	4.87	5.29	5.27	5.14	4.56	ppb
Zirconium	90-1	0.04	0.04	0.04	0.04	3.77	ppb
Zirconium	91-1	0.02	0.04	0.01	0.02	65.10	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-04	Instrumnet Name :	P8
Client Sample ID :	C00V9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 13:54:47	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.34	10.09	12.88	11.44	12.24	ppb
Antimony	121-1	0.04	0.03	0.04	0.04	11.39	ppb
Arsenic	75-2	2.04	1.82	1.99	1.95	6.16	ppb
Barium	135-1	40.87	47.84	44.13	44.28	7.88	ppb
Barium	137-1	40.95	48.79	44.29	44.68	8.81	ppb
Beryllium	9-1	0.03	0.04	0.00	0.02	85.08	ppb
Bismuth	209-1				95		%
Bismuth	209-2				103		%
Boron	10-1	28.18	34.17	29.38	30.57	10.38	ppb
Boron	11-1	27.21	34.02	31.36	30.87	11.12	ppb
Bromine	81-1						cps
Cadmium	111-1	0.02	0.04	0.12	0.06	86.91	ppb
Cadmium	106-1	-0.72	0.10	2.08	0.49	296.14	ppb
Cadmium	108-1	0.21	0.03	-0.02	0.07	169.04	ppb
Calcium	43-1	23133.05	25825.42	23667.25	24208.57	5.89	ppb
Calcium	44-1	22328.33	25679.14	23592.99	23866.82	7.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.65	0.78	0.70	0.71	9.30	ppb
Cobalt	59-2	5.51	5.60	5.72	5.61	1.84	ppb
Copper	63-2	9.39	10.09	9.84	9.77	3.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				103		%
Indium	115-1				92		%
Indium	115-2				102		%
Iron	54-2	23799.50	24301.42	24435.05	24178.66	1.39	ppb
Iron	56-2	24627.00	25086.61	25469.23	25060.95	1.68	ppb
Iron	57-2	24142.92	24515.70	24203.19	24287.27	0.82	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-04	Instrumnet Name :	P8
Client Sample ID :	C00V9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 13:54:47	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.09	0.15	0.10	0.11	30.59	ppb
Lead	207-1	0.04	0.11	0.07	0.07	49.60	ppb
Lead	208-1	0.04	0.13	0.09	0.09	51.81	ppb
Lithium	6-1				102		%
Magnesium	24-2	10417.20	10126.92	10296.21	10280.11	1.42	ppb
Manganese	55-2	1710.63	1777.65	1790.94	1759.74	2.45	ppb
Molybdenum	94-1	0.19	0.17	0.20	0.19	9.19	ppb
Molybdenum	95-1	0.15	0.22	0.20	0.19	19.39	ppb
Molybdenum	96-1	0.36	0.45	0.36	0.39	13.97	ppb
Molybdenum	97-1	0.14	0.14	0.11	0.13	11.82	ppb
Molybdenum	98-1	0.08	0.12	0.13	0.11	25.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.84	8.07	7.81	7.91	1.83	ppb
Phosphorus	31-2	-23.36	-38.48	-33.72	-31.85		ppb
Potassium	39-2	2492.98	2555.64	2496.15	2514.92	1.40	ppb
Rhodium	103-1				93		%
Rhodium	103-2				105		%
Scandium	45-1				94		%
Scandium	45-2				104		%
Selenium	82-1	1.53	-0.91	0.34	0.32	380.64	ppb
Selenium	77-2	0.00	0.00	2.77	0.92	173.21	ppb
Selenium	78-2	2.10	0.17	0.27	0.85	128.06	ppb
Silicon	28-1	4084.02	4428.14	4181.42	4231.19	4.19	ppb
Silver	107-1	0.00	0.00	0.00	0.00	225.00	ppb
Silver	109-1	-0.01	-0.01	-0.01	-0.01		ppb
Sodium	23-2	19076.63	19367.10	19193.62	19212.45	0.76	ppb
Strontium	86-1	178.10	203.28	193.34	191.57	6.62	ppb
Strontium	88-1	184.57	204.41	190.97	193.32	5.24	ppb
Sulfur	34-1	23366.85	26541.62	22932.74	24280.40	8.11	ppb
Terbium	159-1				94		%
Terbium	159-2				104		%
Thallium	203-1	-0.13	-0.13	-0.12	-0.13		ppb
Thallium	205-1	-0.12	-0.09	-0.11	-0.11		ppb
Tin	118-1	-4.11	-3.94	-4.03	-4.03		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-04	Instrumnet Name :	P8
Client Sample ID :	C00V9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 13:54:47	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.59	0.74	0.70	0.68	10.98	ppb
Uranium	238-1	0.03	0.03	0.02	0.03	13.92	ppb
Vanadium	51-2	0.04	0.03	0.04	0.04	13.84	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				95		%
Yttrium	89-2				103		%
Zinc	66-2	7.71	8.27	7.51	7.83	5.05	ppb
Zirconium	90-1	0.05	0.05	0.04	0.05	9.28	ppb
Zirconium	91-1	0.02	0.02	0.04	0.02	45.38	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-05	Instrumnet Name :	P8
Client Sample ID :	C00W1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 13:57:45	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.07	7.99	10.71	8.59	22.02	ppb
Antimony	121-1	0.07	0.08	0.11	0.09	23.22	ppb
Arsenic	75-2	7.33	7.25	8.11	7.56	6.25	ppb
Barium	135-1	40.19	42.83	41.83	41.62	3.21	ppb
Barium	137-1	40.71	41.97	42.99	41.89	2.73	ppb
Beryllium	9-1	0.03	-0.01	-0.03	0.00		ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	27.71	31.20	31.27	30.06	6.77	ppb
Boron	11-1	26.68	30.15	30.58	29.14	7.33	ppb
Bromine	81-1						cps
Cadmium	111-1	0.06	0.01	0.02	0.03	93.24	ppb
Cadmium	106-1	1.79	-0.12	1.51	1.06	97.44	ppb
Cadmium	108-1	-0.14	-0.11	-0.11	-0.12		ppb
Calcium	43-1	32389.70	33025.31	32159.25	32524.76	1.38	ppb
Calcium	44-1	32028.07	32311.71	32010.93	32116.90	0.53	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.88	0.77	0.95	0.86	10.59	ppb
Cobalt	59-2	4.22	4.00	4.49	4.24	5.78	ppb
Copper	63-2	29.27	28.47	30.39	29.38	3.29	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				103		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	54-2	16488.98	16140.76	17791.78	16807.17	5.18	ppb
Iron	56-2	17355.36	16870.86	18123.92	17450.04	3.62	ppb
Iron	57-2	16709.40	16218.87	17829.85	16919.38	4.88	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-05	Instrumnet Name :	P8
Client Sample ID :	C00W1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 13:57:45	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.12	0.11	0.08	0.10	18.76	ppb
Lead	207-1	0.06	0.11	0.08	0.08	33.06	ppb
Lead	208-1	0.07	0.12	0.09	0.09	30.68	ppb
Lithium	6-1				107		%
Magnesium	24-2	9004.12	8973.32	9807.76	9261.73	5.11	ppb
Manganese	55-2	1613.73	1588.47	1694.05	1632.08	3.38	ppb
Molybdenum	94-1	0.19	0.20	0.20	0.20	2.61	ppb
Molybdenum	95-1	0.23	0.25	0.17	0.22	19.71	ppb
Molybdenum	96-1	0.35	0.32	0.28	0.31	10.52	ppb
Molybdenum	97-1	0.25	0.17	0.20	0.21	20.15	ppb
Molybdenum	98-1	0.19	0.20	0.18	0.19	5.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.48	4.59	5.03	4.70	6.15	ppb
Phosphorus	31-2	141.52	101.67	22.93	88.71	68.03	ppb
Potassium	39-2	2811.09	2744.84	3030.67	2862.20	5.23	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	82-1	1.11	0.30	1.33	0.91	59.12	ppb
Selenium	77-2	0.00	0.00	1.50	0.50	173.21	ppb
Selenium	78-2	-0.58	0.49	0.15	0.02	2817.45	ppb
Silicon	28-1	3590.91	3534.74	3592.85	3572.84	0.92	ppb
Silver	107-1	-0.01	-0.01	-0.02	-0.01		ppb
Silver	109-1	0.00	0.00	-0.01	-0.01		ppb
Sodium	23-2	15258.42	15444.39	16482.02	15728.28	4.19	ppb
Strontium	86-1	425.80	430.93	419.73	425.49	1.32	ppb
Strontium	88-1	410.58	424.51	422.85	419.31	1.81	ppb
Sulfur	34-1	21635.94	21801.14	21645.42	21694.17	0.43	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	-0.14	-0.13	-0.13	-0.13		ppb
Thallium	205-1	-0.13	-0.13	-0.13	-0.13		ppb
Tin	118-1	-3.05	-2.01	-2.92	-2.66		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-05	Instrumnet Name :	P8
Client Sample ID :	C00W1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 13:57:45	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.68	0.40	0.57	0.55	25.81	ppb
Uranium	238-1	0.02	0.02	0.01	0.02	31.15	ppb
Vanadium	51-2	0.04	0.05	0.04	0.04	12.75	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	5.05	4.80	5.56	5.14	7.57	ppb
Zirconium	90-1	0.01	0.02	0.03	0.02	40.33	ppb
Zirconium	91-1	0.00	0.02	0.01	0.01	77.27	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-06	Instrumnet Name :	P8
Client Sample ID :	C00W3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:00:46	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.51	6.04	4.86	5.47	10.79	ppb
Antimony	121-1	0.11	0.11	0.08	0.10	15.96	ppb
Arsenic	75-2	2.33	2.37	2.14	2.28	5.49	ppb
Barium	135-1	105.12	108.09	111.57	108.26	2.98	ppb
Barium	137-1	107.17	108.16	112.26	109.19	2.47	ppb
Beryllium	9-1	-0.02	-0.02	0.00	-0.01		ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Boron	10-1	22.29	22.64	23.82	22.92	3.49	ppb
Boron	11-1	21.06	22.49	21.65	21.73	3.32	ppb
Bromine	81-1						cps
Cadmium	111-1	0.02	0.03	0.03	0.03	13.68	ppb
Cadmium	106-1	1.74	0.07	-1.19	0.21	706.57	ppb
Cadmium	108-1	-0.13	0.10	0.08	0.02	724.97	ppb
Calcium	43-1	20070.80	19436.30	19679.06	19728.72	1.62	ppb
Calcium	44-1	19864.56	19527.67	19673.17	19688.46	0.86	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.18	0.17	0.16	0.17	7.23	ppb
Cobalt	59-2	1.43	1.34	1.53	1.43	6.71	ppb
Copper	63-2	4.82	4.86	5.30	4.99	5.26	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				104		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	54-2	3238.45	3198.78	3443.46	3293.56	3.99	ppb
Iron	56-2	3394.81	3303.14	3684.95	3460.97	5.76	ppb
Iron	57-2	3383.75	3275.53	3461.88	3373.72	2.77	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-06	Instrumnet Name :	P8
Client Sample ID :	C00W3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:00:46	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.03	0.05	0.04	0.04	34.53	ppb
Lead	207-1	0.00	0.03	0.04	0.02	101.26	ppb
Lead	208-1	0.01	0.03	0.02	0.02	69.77	ppb
Lithium	6-1				112		%
Magnesium	24-2	8278.81	8225.54	8808.28	8437.54	3.82	ppb
Manganese	55-2	472.00	466.47	498.49	478.99	3.57	ppb
Molybdenum	94-1	0.16	0.22	0.19	0.19	14.46	ppb
Molybdenum	95-1	0.24	0.22	0.27	0.24	11.22	ppb
Molybdenum	96-1	0.22	0.16	0.31	0.23	32.90	ppb
Molybdenum	97-1	0.22	0.27	0.17	0.22	20.78	ppb
Molybdenum	98-1	0.21	0.21	0.19	0.20	5.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.58	2.37	2.59	2.51	5.00	ppb
Phosphorus	31-2	-34.28	-0.61	-53.90	-29.60		ppb
Potassium	39-2	2362.65	2379.72	2561.55	2434.64	4.53	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	82-1	-0.29	0.95	-0.34	0.11	671.25	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.70	0.44	0.62	0.59	22.48	ppb
Silicon	28-1	4069.36	3990.49	4024.89	4028.25	0.98	ppb
Silver	107-1	0.01	-0.01	-0.01	0.00		ppb
Silver	109-1	-0.01	-0.01	0.00	-0.01		ppb
Sodium	23-2	30317.27	29945.00	31971.76	30744.68	3.51	ppb
Strontium	86-1	290.90	286.49	299.03	292.14	2.18	ppb
Strontium	88-1	286.61	278.26	290.57	285.15	2.20	ppb
Sulfur	34-1	17330.47	16054.22	17072.21	16818.97	4.01	ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	-0.12	-0.13	-0.14	-0.13		ppb
Thallium	205-1	-0.11	-0.14	-0.14	-0.13		ppb
Tin	118-1	-4.16	-4.31	-4.16	-4.21		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-06	Instrumnet Name :	P8
Client Sample ID :	C00W3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:00:46	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.35	0.34	0.28	0.32	11.24	ppb
Uranium	238-1	0.04	0.05	0.03	0.04	15.87	ppb
Vanadium	51-2	0.02	0.03	0.01	0.02	41.31	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	5.61	4.97	5.10	5.23	6.50	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	142.36	ppb
Zirconium	91-1	0.02	0.02	0.03	0.03	22.86	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-07	Instrumnet Name :	P8
Client Sample ID :	C00W5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:03:45	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.53	23.63	20.60	21.59	8.20	ppb
Antimony	121-1	0.03	0.02	0.03	0.03	17.24	ppb
Arsenic	75-2	1.69	1.89	1.82	1.80	5.84	ppb
Barium	135-1	382.45	377.90	387.37	382.58	1.24	ppb
Barium	137-1	383.27	386.87	388.66	386.27	0.71	ppb
Beryllium	9-1	0.03	0.00	0.00	0.01	193.96	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Boron	10-1	48.67	51.09	52.79	50.85	4.07	ppb
Boron	11-1	47.97	48.61	51.67	49.42	4.01	ppb
Bromine	81-1						cps
Cadmium	111-1	0.06	0.03	0.04	0.04	33.71	ppb
Cadmium	106-1	-0.35	-0.45	-0.18	-0.33		ppb
Cadmium	108-1	0.56	-0.09	-0.07	0.13	280.01	ppb
Calcium	43-1	31474.93	31058.93	30988.02	31173.96	0.84	ppb
Calcium	44-1	30688.36	30275.06	30319.59	30427.67	0.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.40	0.48	0.41	0.43	10.36	ppb
Cobalt	59-2	0.10	0.13	0.10	0.11	13.31	ppb
Copper	63-2	0.63	0.73	0.56	0.64	13.43	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				105		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	54-2	19375.88	22145.65	19025.60	20182.38	8.47	ppb
Iron	56-2	20376.29	22448.62	19584.62	20803.18	7.11	ppb
Iron	57-2	19967.71	21589.55	19335.02	20297.43	5.73	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-07	Instrumnet Name :	P8
Client Sample ID :	C00W5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:03:45	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.18	0.10	0.10	0.13	34.50	ppb
Lead	207-1	0.10	0.08	0.08	0.09	15.54	ppb
Lead	208-1	0.13	0.10	0.10	0.11	19.68	ppb
Lithium	6-1				113		%
Magnesium	24-2	8970.17	9958.40	8465.21	9131.26	8.32	ppb
Manganese	55-2	490.77	545.37	478.41	504.85	7.06	ppb
Molybdenum	94-1	0.26	0.38	0.35	0.33	19.28	ppb
Molybdenum	95-1	0.35	0.29	0.33	0.32	9.85	ppb
Molybdenum	96-1	0.46	0.41	0.38	0.42	10.59	ppb
Molybdenum	97-1	0.29	0.23	0.28	0.27	12.05	ppb
Molybdenum	98-1	0.29	0.27	0.23	0.26	12.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.12	1.29	1.05	1.15	10.74	ppb
Phosphorus	31-2	12.18	17.64	15.97	15.26	18.33	ppb
Potassium	39-2	3948.29	4446.09	3901.83	4098.74	7.36	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	82-1	-0.06	1.81	0.17	0.64	159.69	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.04	1.27	0.76	1.02	25.15	ppb
Silicon	28-1	4602.43	4504.29	4634.90	4580.54	1.48	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	-0.01	-0.01	0.00	-0.01		ppb
Sodium	23-2	20135.38	22639.81	19651.01	20808.74	7.71	ppb
Strontium	86-1	316.61	318.75	334.96	323.44	3.10	ppb
Strontium	88-1	318.79	324.51	324.77	322.69	1.05	ppb
Sulfur	34-1	2609.93	2070.94	2616.86	2432.58	12.88	ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	-0.14	-0.11	-0.11	-0.12		ppb
Thallium	205-1	-0.13	-0.11	-0.12	-0.12		ppb
Tin	118-1	-4.13	-4.18	-4.06	-4.13		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-07	Instrumnet Name :	P8
Client Sample ID :	C00W5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:03:45	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.49	0.61	0.45	0.52	15.45	ppb
Uranium	238-1	0.00	0.01	0.01	0.01	49.45	ppb
Vanadium	51-2	0.08	0.07	0.07	0.07	9.82	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	4.83	4.86	4.38	4.69	5.66	ppb
Zirconium	90-1	0.03	0.05	0.03	0.04	28.02	ppb
Zirconium	91-1	0.03	-0.02	0.06	0.02	164.68	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-08	Instrumnet Name :	P8
Client Sample ID :	C00W7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:06:46	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32.36	40.35	33.30	35.34	12.36	ppb
Antimony	121-1	0.01	0.02	0.03	0.02	34.62	ppb
Arsenic	75-2	1.84	1.94	1.72	1.83	6.08	ppb
Barium	135-1	57.81	59.84	57.70	58.45	2.06	ppb
Barium	137-1	58.93	59.83	58.85	59.20	0.92	ppb
Beryllium	9-1	0.03	0.04	0.04	0.04	11.54	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Boron	10-1	24.09	22.28	25.47	23.95	6.66	ppb
Boron	11-1	24.46	24.19	24.48	24.38	0.67	ppb
Bromine	81-1						cps
Cadmium	111-1	0.06	0.03	0.06	0.05	28.45	ppb
Cadmium	106-1	-0.96	0.20	-0.36	-0.38		ppb
Cadmium	108-1	-0.30	-0.15	0.16	-0.10		ppb
Calcium	43-1	24953.76	25411.08	24985.25	25116.70	1.02	ppb
Calcium	44-1	24866.52	25477.26	24927.62	25090.47	1.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.12	0.26	0.23	0.20	36.65	ppb
Cobalt	59-2	2.46	2.61	2.39	2.49	4.70	ppb
Copper	63-2	17.39	18.89	17.00	17.76	5.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	54-2	12473.32	14149.07	12295.78	12972.72	7.88	ppb
Iron	56-2	12657.39	14479.07	12307.21	13147.89	8.87	ppb
Iron	57-2	12454.67	13905.74	12329.05	12896.48	6.79	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-08	Instrumnet Name :	P8
Client Sample ID :	C00W7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:06:46	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.07	0.10	0.07	0.08	20.73	ppb
Lead	207-1	0.05	0.07	0.06	0.06	13.09	ppb
Lead	208-1	0.06	0.06	0.07	0.07	9.31	ppb
Lithium	6-1				109		%
Magnesium	24-2	11793.26	13357.06	11780.94	12310.42	7.36	ppb
Manganese	55-2	996.78	1104.31	981.45	1027.51	6.52	ppb
Molybdenum	94-1	0.11	0.17	0.10	0.13	29.29	ppb
Molybdenum	95-1	0.10	0.10	0.15	0.12	23.56	ppb
Molybdenum	96-1	0.14	0.12	0.19	0.15	21.80	ppb
Molybdenum	97-1	0.08	0.09	0.09	0.09	8.28	ppb
Molybdenum	98-1	0.07	0.06	0.07	0.07	7.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.59	5.34	4.66	4.86	8.49	ppb
Phosphorus	31-2	17.29	61.86	22.59	33.91	71.78	ppb
Potassium	39-2	1937.92	2142.03	1919.34	1999.76	6.18	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	82-1	0.49	0.89	0.72	0.70	28.40	ppb
Selenium	77-2	2.86	1.61	0.00	1.49	96.21	ppb
Selenium	78-2	0.30	1.33	-0.70	0.31	328.80	ppb
Silicon	28-1	4322.66	4481.01	4564.68	4456.12	2.76	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	-0.01	-0.01	-0.01	-0.01		ppb
Sodium	23-2	13616.25	14793.61	13658.11	14022.66	4.76	ppb
Strontium	86-1	320.41	316.90	316.77	318.03	0.65	ppb
Strontium	88-1	323.15	318.11	316.57	319.28	1.08	ppb
Sulfur	34-1	29498.02	30150.32	30892.77	30180.37	2.31	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	-0.18	-0.15	-0.12	-0.15		ppb
Thallium	205-1	-0.14	-0.14	-0.14	-0.14		ppb
Tin	118-1	-3.81	-3.84	-3.82	-3.82		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-08	Instrumnet Name :	P8
Client Sample ID :	C00W7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:06:46	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.81	0.90	0.81	0.84	6.26	ppb
Uranium	238-1	0.02	0.01	0.01	0.02	25.92	ppb
Vanadium	51-2	0.10	0.05	0.08	0.08	29.61	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				98		%
Zinc	66-2	7.17	9.34	7.52	8.01	14.59	ppb
Zirconium	90-1	0.04	0.04	0.04	0.04	3.53	ppb
Zirconium	91-1	0.05	0.06	0.03	0.04	37.31	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-09	Instrumnet Name :	P8
Client Sample ID :	C00W9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:09:44	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51.88	46.72	50.57	49.72	5.40	ppb
Antimony	121-1	0.02	0.02	0.03	0.02	40.25	ppb
Arsenic	75-2	0.15	0.13	0.14	0.14	8.83	ppb
Barium	135-1	414.88	411.10	410.39	412.12	0.59	ppb
Barium	137-1	423.86	418.34	408.09	416.76	1.92	ppb
Beryllium	9-1	0.00	-0.02	-0.01	-0.01		ppb
Bismuth	209-1				102		%
Bismuth	209-2				104		%
Boron	10-1	32.52	32.69	32.13	32.45	0.87	ppb
Boron	11-1	32.33	33.88	33.58	33.26	2.48	ppb
Bromine	81-1						cps
Cadmium	111-1	0.04	0.04	0.03	0.04	21.44	ppb
Cadmium	106-1	1.50	1.87	2.02	1.80	15.01	ppb
Cadmium	108-1	0.17	0.25	-0.41	0.00	7542.02	ppb
Calcium	43-1	21658.20	21049.57	20829.90	21179.22	2.03	ppb
Calcium	44-1	21214.02	20653.59	20210.77	20692.79	2.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.40	1.34	1.47	1.40	4.55	ppb
Cobalt	59-2	0.11	0.11	0.07	0.10	22.06	ppb
Copper	63-2	2.28	2.11	2.28	2.22	4.52	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				104		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	54-2	1844.44	1776.17	1884.15	1834.92	2.98	ppb
Iron	56-2	1911.57	1836.22	1911.13	1886.31	2.30	ppb
Iron	57-2	1858.39	1776.64	1875.58	1836.87	2.88	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-09	Instrumnet Name :	P8
Client Sample ID :	C00W9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:09:44	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.05	0.05	0.05	0.05	6.05	ppb
Lead	207-1	0.05	0.03	-0.01	0.02	117.98	ppb
Lead	208-1	0.03	0.04	0.04	0.04	9.51	ppb
Lithium	6-1				112		%
Magnesium	24-2	7722.22	7284.14	7641.60	7549.32	3.09	ppb
Manganese	55-2	109.82	108.02	109.14	109.00	0.83	ppb
Molybdenum	94-1	0.34	0.41	0.76	0.50	44.56	ppb
Molybdenum	95-1	0.18	0.30	0.24	0.24	24.84	ppb
Molybdenum	96-1	0.15	0.20	0.23	0.19	20.59	ppb
Molybdenum	97-1	0.23	0.26	0.31	0.27	15.67	ppb
Molybdenum	98-1	0.22	0.22	0.20	0.21	6.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.56	1.74	1.67	1.66	5.62	ppb
Phosphorus	31-2	43.14	57.49	33.36	44.66	27.16	ppb
Potassium	39-2	2320.77	2274.97	2363.37	2319.71	1.91	ppb
Rhodium	103-1				101		%
Rhodium	103-2				104		%
Scandium	45-1				101		%
Scandium	45-2				104		%
Selenium	82-1	1.15	1.98	0.78	1.30	47.22	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.13	1.06	1.42	0.87	76.46	ppb
Silicon	28-1	4780.42	4810.12	4843.66	4811.40	0.66	ppb
Silver	107-1	-0.01	0.00	-0.01	0.00		ppb
Silver	109-1	-0.01	-0.02	-0.01	-0.01		ppb
Sodium	23-2	39222.82	37905.82	39105.85	38744.83	1.88	ppb
Strontium	86-1	369.76	379.92	380.74	376.81	1.62	ppb
Strontium	88-1	378.14	381.42	373.68	377.75	1.03	ppb
Sulfur	34-1	11346.91	10575.61	11226.27	11049.60	3.75	ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	-0.13	-0.12	-0.17	-0.14		ppb
Thallium	205-1	-0.13	-0.15	-0.15	-0.14		ppb
Tin	118-1	-4.19	-4.26	-4.24	-4.23		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-09	Instrumnet Name :	P8
Client Sample ID :	C00W9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:09:44	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.73	0.77	1.41	0.97	39.41	ppb
Uranium	238-1	0.02	0.02	0.03	0.02	34.39	ppb
Vanadium	51-2	0.08	0.07	0.07	0.08	5.23	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	2.44	1.53	2.35	2.11	23.80	ppb
Zirconium	90-1	0.05	0.05	0.06	0.05	12.54	ppb
Zirconium	91-1	0.03	0.07	0.06	0.05	41.23	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-10	Instrumnet Name :	P8
Client Sample ID :	C00W9D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:12:46	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24.14	23.98	21.71	23.27	5.85	ppb
Antimony	121-1	0.02	0.03	0.03	0.02	27.15	ppb
Arsenic	75-2	0.18	0.20	0.18	0.19	7.40	ppb
Barium	135-1	419.11	393.58	416.07	409.59	3.40	ppb
Barium	137-1	415.38	398.06	419.64	411.03	2.78	ppb
Beryllium	9-1	-0.01	-0.03	0.00	-0.01		ppb
Bismuth	209-1				102		%
Bismuth	209-2				104		%
Boron	10-1	32.58	33.49	34.44	33.51	2.77	ppb
Boron	11-1	32.85	34.00	35.03	33.96	3.21	ppb
Bromine	81-1						cps
Cadmium	111-1	0.07	0.10	0.05	0.07	33.90	ppb
Cadmium	106-1	2.07	0.58	0.91	1.18	66.02	ppb
Cadmium	108-1	-0.10	-0.05	-0.20	-0.12		ppb
Calcium	43-1	21037.68	20839.87	20747.89	20875.15	0.71	ppb
Calcium	44-1	20774.46	20415.81	20351.99	20514.09	1.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.06	0.11	0.06	0.08	37.74	ppb
Cobalt	59-2	0.07	0.09	0.08	0.08	10.27	ppb
Copper	63-2	3.76	3.75	3.67	3.72	1.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				105		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	54-2	1791.41	1789.20	1692.40	1757.67	3.22	ppb
Iron	56-2	1893.78	1863.30	1845.80	1867.63	1.30	ppb
Iron	57-2	1820.04	1792.91	1785.12	1799.36	1.02	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-10	Instrumnet Name :	P8
Client Sample ID :	C00W9D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:12:46	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.03	0.01	0.00	0.01	145.98	ppb
Lead	207-1	0.03	0.03	0.00	0.02	93.88	ppb
Lead	208-1	0.02	0.01	0.00	0.01	120.34	ppb
Lithium	6-1				110		%
Magnesium	24-2	7668.26	7475.16	7268.60	7470.67	2.68	ppb
Manganese	55-2	108.35	106.13	102.94	105.81	2.57	ppb
Molybdenum	94-1	0.19	0.14	0.19	0.17	16.42	ppb
Molybdenum	95-1	0.19	0.22	0.21	0.20	5.71	ppb
Molybdenum	96-1	0.19	0.19	0.13	0.17	23.16	ppb
Molybdenum	97-1	0.24	0.24	0.25	0.24	2.76	ppb
Molybdenum	98-1	0.19	0.18	0.20	0.19	6.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.25	1.18	1.18	1.20	3.53	ppb
Phosphorus	31-2	74.35	72.95	59.76	69.02	11.66	ppb
Potassium	39-2	2276.41	2245.55	2145.78	2222.58	3.07	ppb
Rhodium	103-1				101		%
Rhodium	103-2				105		%
Scandium	45-1				102		%
Scandium	45-2				105		%
Selenium	82-1	-0.11	1.21	-0.16	0.31	249.51	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.01	-1.17	-0.17	-0.44		ppb
Silicon	28-1	4632.62	4957.71	4862.00	4817.44	3.47	ppb
Silver	107-1	-0.01	0.00	0.00	0.00		ppb
Silver	109-1	-0.02	-0.01	-0.02	-0.02		ppb
Sodium	23-2	38141.75	37809.73	36454.86	37468.78	2.39	ppb
Strontium	86-1	373.16	367.67	376.39	372.41	1.18	ppb
Strontium	88-1	371.12	366.63	367.14	368.29	0.67	ppb
Sulfur	34-1	10625.24	10803.59	10890.53	10773.12	1.26	ppb
Terbium	159-1				101		%
Terbium	159-2				104		%
Thallium	203-1	-0.14	-0.15	-0.17	-0.15		ppb
Thallium	205-1	-0.13	-0.15	-0.16	-0.15		ppb
Tin	118-1	-3.67	-3.71	-3.65	-3.68		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-10	Instrumnet Name :	P8
Client Sample ID :	C00W9D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:12:46	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.61	0.36	0.25	0.41	44.76	ppb
Uranium	238-1	0.03	0.02	0.01	0.02	35.51	ppb
Vanadium	51-2	0.05	0.03	0.06	0.05	35.34	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				104		%
Zinc	66-2	3.44	3.44	3.25	3.38	3.33	ppb
Zirconium	90-1	0.03	0.04	0.02	0.03	21.91	ppb
Zirconium	91-1	0.03	0.02	0.17	0.08	111.05	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-09LX5	Instrumnet Name :	P8
Client Sample ID :	C00W9L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 14:15:44	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.82	10.14	8.99	9.32	7.72	ppb
Antimony	121-1	0.02	0.00	0.00	0.01	199.62	ppb
Arsenic	75-2	0.01	0.01	0.01	0.01	36.02	ppb
Barium	135-1	78.50	77.51	79.62	78.55	1.34	ppb
Barium	137-1	78.48	77.82	82.32	79.54	3.06	ppb
Beryllium	9-1	0.01	-0.01	0.00	0.00	5071.04	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Boron	10-1	12.37	12.30	12.48	12.38	0.73	ppb
Boron	11-1	13.30	11.75	11.63	12.22	7.63	ppb
Bromine	81-1						cps
Cadmium	111-1	0.03	0.03	-0.01	0.02	132.85	ppb
Cadmium	106-1	0.74	3.18	0.89	1.60	85.05	ppb
Cadmium	108-1	-0.07	0.12	0.61	0.22	160.69	ppb
Calcium	43-1	4038.91	4052.00	4134.96	4075.29	1.28	ppb
Calcium	44-1	4057.91	4076.17	4172.96	4102.35	1.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.27	0.24	0.26	0.26	7.56	ppb
Cobalt	59-2	0.00	0.01	0.01	0.01	62.93	ppb
Copper	63-2	0.40	0.43	0.45	0.42	6.05	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				105		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	54-2	336.07	374.21	349.18	353.16	5.49	ppb
Iron	56-2	349.10	374.36	344.70	356.05	4.50	ppb
Iron	57-2	331.36	375.97	350.70	352.68	6.34	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-09LX5	Instrumnet Name :	P8
Client Sample ID :	C00W9L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 14:15:44	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	-0.01	0.04	0.04	0.02	109.75	ppb
Lead	207-1	0.03	0.02	0.01	0.02	33.49	ppb
Lead	208-1	0.01	0.00	0.01	0.01	79.24	ppb
Lithium	6-1				108		%
Magnesium	24-2	1421.74	1519.02	1405.61	1448.79	4.23	ppb
Manganese	55-2	20.50	22.01	21.18	21.23	3.56	ppb
Molybdenum	94-1	-0.01	-0.03	0.03	0.00		ppb
Molybdenum	95-1	0.00	0.03	0.04	0.02	93.92	ppb
Molybdenum	96-1	-0.03	-0.02	0.00	-0.01		ppb
Molybdenum	97-1	0.05	0.03	0.01	0.03	71.83	ppb
Molybdenum	98-1	0.03	0.04	0.04	0.04	24.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.33	0.35	0.30	0.33	7.70	ppb
Phosphorus	31-2	-9.92	-7.20	2.00	-5.04		ppb
Potassium	39-2	434.54	463.41	460.51	452.82	3.51	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				102		%
Selenium	82-1	-0.09	0.84	0.93	0.56	101.27	ppb
Selenium	77-2	0.00	0.00	1.46	0.49	173.21	ppb
Selenium	78-2	0.96	-0.29	0.42	0.36	173.32	ppb
Silicon	28-1	916.67	918.77	982.88	939.44	4.01	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	7681.73	7969.09	7436.84	7695.89	3.46	ppb
Strontium	86-1	74.45	75.36	70.36	73.39	3.63	ppb
Strontium	88-1	71.20	75.06	72.40	72.89	2.71	ppb
Sulfur	34-1	1972.28	2046.75	2270.53	2096.52	7.40	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	-0.16	-0.12	-0.19	-0.16		ppb
Thallium	205-1	-0.14	-0.16	-0.15	-0.15		ppb
Tin	118-1	-2.19	-2.19	-2.16	-2.18		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-09LX5	Instrumnet Name :	P8
Client Sample ID :	C00W9L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 14:15:44	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.10	0.30	0.24	0.21	48.62	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	30.05	ppb
Vanadium	51-2	0.01	0.02	0.01	0.01	47.79	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	0.46	0.53	0.38	0.46	15.55	ppb
Zirconium	90-1	0.00	0.00	-0.01	0.00		ppb
Zirconium	91-1	-0.01	0.00	0.01	0.00		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-11	Instrumnet Name :	P8
Client Sample ID :	C00W9S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:18:49	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2122.29	2134.45	2220.26	2159.00	2.47	ppb
Antimony	121-1	108.42	107.88	109.39	108.56	0.70	ppb
Arsenic	75-2	45.40	45.47	46.81	45.89	1.72	ppb
Barium	135-1	2493.53	2494.13	2504.22	2497.29	0.24	ppb
Barium	137-1	2474.65	2508.56	2502.00	2495.07	0.72	ppb
Beryllium	9-1	50.48	55.12	52.44	52.68	4.42	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	28.98	33.88	35.20	32.69	10.02	ppb
Boron	11-1	29.51	34.39	34.20	32.70	8.45	ppb
Bromine	81-1						cps
Cadmium	111-1	55.41	54.05	56.24	55.24	2.00	ppb
Cadmium	106-1	46.02	43.23	46.06	45.10	3.60	ppb
Cadmium	108-1	46.02	45.23	45.77	45.67	0.89	ppb
Calcium	43-1	22744.07	22060.08	23514.92	22773.02	3.20	ppb
Calcium	44-1	22416.23	21410.41	22090.52	21972.39	2.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	210.35	210.69	217.14	212.72	1.80	ppb
Cobalt	59-2	535.17	551.45	559.50	548.70	2.26	ppb
Copper	63-2	268.75	260.15	278.17	269.02	3.35	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				103		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	54-2	3029.89	3130.81	3166.19	3108.96	2.28	ppb
Iron	56-2	3053.33	3024.27	3181.43	3086.34	2.71	ppb
Iron	57-2	2956.83	2947.01	3132.52	3012.12	3.47	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-11	Instrumnet Name :	P8
Client Sample ID :	C00W9S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:18:49	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	19.95	19.79	20.68	20.14	2.34	ppb
Lead	207-1	21.06	20.86	22.28	21.40	3.58	ppb
Lead	208-1	20.45	20.30	21.15	20.63	2.20	ppb
Lithium	6-1				112		%
Magnesium	24-2	7936.37	7948.90	8041.37	7975.55	0.72	ppb
Manganese	55-2	634.28	628.23	651.90	638.14	1.93	ppb
Molybdenum	94-1	0.19	0.26	0.31	0.25	24.86	ppb
Molybdenum	95-1	0.18	0.20	0.19	0.19	2.99	ppb
Molybdenum	96-1	0.20	0.17	0.16	0.18	11.58	ppb
Molybdenum	97-1	0.23	0.22	0.29	0.24	14.90	ppb
Molybdenum	98-1	0.25	0.28	0.25	0.26	6.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	537.88	544.34	559.34	547.19	2.01	ppb
Phosphorus	31-2	47.21	91.22	94.88	77.77	34.11	ppb
Potassium	39-2	2430.40	2428.76	2520.71	2459.96	2.14	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				99		%
Scandium	45-2				103		%
Selenium	82-1	104.48	105.52	109.67	106.56	2.58	ppb
Selenium	77-2	107.83	127.03	111.45	115.44	8.84	ppb
Selenium	78-2	107.36	107.03	118.95	111.11	6.11	ppb
Silicon	28-1	5242.02	5033.25	5536.16	5270.48	4.79	ppb
Silver	107-1	65.16	64.63	65.78	65.19	0.88	ppb
Silver	109-1	65.52	65.23	66.37	65.71	0.91	ppb
Sodium	23-2	39681.12	39462.44	41655.07	40266.21	3.00	ppb
Strontium	86-1	383.60	395.89	395.62	391.70	1.79	ppb
Strontium	88-1	393.06	391.40	392.04	392.17	0.21	ppb
Sulfur	34-1	11861.07	11211.43	12495.09	11855.86	5.41	ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	51.71	50.25	53.40	51.79	3.04	ppb
Thallium	205-1	51.22	51.51	53.78	52.17	2.69	ppb
Tin	118-1	-4.12	-4.02	-4.07	-4.07		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-11	Instrumnet Name :	P8
Client Sample ID :	C00W9S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:18:49	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.84	0.72	0.66	0.74	12.25	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	21.97	ppb
Vanadium	51-2	526.94	523.66	552.25	534.28	2.93	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	535.36	546.91	562.95	548.40	2.53	ppb
Zirconium	90-1	0.06	0.04	0.07	0.05	27.33	ppb
Zirconium	91-1	0.11	0.07	0.08	0.09	26.23	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-12	Instrumnet Name :	P8
Client Sample ID :	C00X2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:21:46	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.60	10.84	13.09	12.18	9.75	ppb
Antimony	121-1	0.08	0.06	0.05	0.06	25.70	ppb
Arsenic	75-2	0.03	0.02	-0.03	0.01	470.54	ppb
Barium	135-1	1.53	1.77	1.09	1.46	23.35	ppb
Barium	137-1	1.48	1.56	1.10	1.38	17.90	ppb
Beryllium	9-1	0.01	0.01	0.00	0.01	36.26	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	5.49	5.39	4.90	5.26	5.99	ppb
Boron	11-1	5.61	5.70	5.24	5.52	4.39	ppb
Bromine	81-1						cps
Cadmium	111-1	0.12	0.10	0.07	0.09	25.76	ppb
Cadmium	106-1	0.52	0.13	-0.34	0.10	415.09	ppb
Cadmium	108-1	-0.20	-0.35	-0.05	-0.20		ppb
Calcium	43-1	42.35	42.30	37.84	40.83	6.34	ppb
Calcium	44-1	43.42	49.06	42.60	45.03	7.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.24	0.23	0.23	0.23	2.68	ppb
Cobalt	59-2	0.11	0.10	0.09	0.10	10.86	ppb
Copper	63-2	0.96	0.99	1.00	0.98	2.24	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				102		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	54-2	15.63	14.28	15.66	15.19	5.21	ppb
Iron	56-2	15.56	14.84	15.39	15.26	2.48	ppb
Iron	57-2	14.29	17.15	16.26	15.90	9.22	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-12	Instrumnet Name :	P8
Client Sample ID :	C00X2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:21:46	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.04	0.05	0.04	0.05	14.48	ppb
Lead	207-1	0.05	0.04	0.02	0.03	46.68	ppb
Lead	208-1	0.05	0.06	0.05	0.05	7.55	ppb
Lithium	6-1				110		%
Magnesium	24-2	6.94	6.57	5.46	6.32	12.16	ppb
Manganese	55-2	0.65	0.72	0.62	0.66	7.77	ppb
Molybdenum	94-1	-0.03	0.06	-0.01	0.01	452.49	ppb
Molybdenum	95-1	0.01	0.03	0.03	0.02	42.45	ppb
Molybdenum	96-1	-0.04	-0.02	-0.05	-0.04		ppb
Molybdenum	97-1	0.04	0.03	0.02	0.03	45.89	ppb
Molybdenum	98-1	0.00	0.02	-0.01	0.00	326.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.25	0.23	0.18	0.22	15.92	ppb
Phosphorus	31-2	-8.10	-24.96	-22.66	-18.57		ppb
Potassium	39-2	17.40	14.32	24.85	18.86	28.72	ppb
Rhodium	103-1				99		%
Rhodium	103-2				104		%
Scandium	45-1				99		%
Scandium	45-2				102		%
Selenium	82-1	0.80	1.80	0.40	1.00	72.11	ppb
Selenium	77-2	0.00	0.00	1.41	0.47	173.21	ppb
Selenium	78-2	0.12	1.17	0.73	0.67	78.79	ppb
Silicon	28-1	17.55	21.68	20.05	19.76	10.51	ppb
Silver	107-1	0.07	0.06	0.04	0.06	26.86	ppb
Silver	109-1	0.07	0.06	0.05	0.06	20.18	ppb
Sodium	23-2	93.47	96.82	96.62	95.64	1.96	ppb
Strontium	86-1	0.31	0.40	0.26	0.32	21.88	ppb
Strontium	88-1	0.25	0.32	0.25	0.27	15.04	ppb
Sulfur	34-1	-232.18	-98.89	-233.58	-188.22		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	-0.10	-0.11	-0.11	-0.11		ppb
Thallium	205-1	-0.12	-0.10	-0.11	-0.11		ppb
Tin	118-1	-4.02	-4.09	-4.12	-4.08		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-12	Instrumnet Name :	P8
Client Sample ID :	C00X2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:21:46	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.41	0.36	0.48	0.41	14.03	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	47.46	ppb
Vanadium	51-2	0.16	0.11	0.13	0.13	16.77	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	5.81	6.12	6.46	6.13	5.29	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	74.04	ppb
Zirconium	91-1	0.03	0.05	0.03	0.04	43.88	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-13	Instrumnet Name :	P8
Client Sample ID :	C00X4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:24:51	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.26	22.19	23.60	22.68	3.50	ppb
Antimony	121-1	0.05	0.02	0.04	0.04	48.74	ppb
Arsenic	75-2	2.95	2.81	2.97	2.91	3.00	ppb
Barium	135-1	93.31	95.40	95.31	94.68	1.25	ppb
Barium	137-1	95.21	94.88	96.90	95.67	1.13	ppb
Beryllium	9-1	0.01	0.01	-0.01	0.01	175.16	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Boron	10-1	21.24	23.89	25.08	23.40	8.41	ppb
Boron	11-1	22.45	24.15	24.83	23.81	5.14	ppb
Bromine	81-1						cps
Cadmium	111-1	0.03	0.06	0.06	0.05	32.60	ppb
Cadmium	106-1	1.06	-0.71	-0.13	0.07	1247.20	ppb
Cadmium	108-1	-0.18	-0.13	-0.21	-0.17		ppb
Calcium	43-1	31000.18	31459.14	32293.65	31584.32	2.08	ppb
Calcium	44-1	30063.89	30886.84	31423.48	30791.40	2.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.59	0.53	0.54	0.55	5.64	ppb
Cobalt	59-2	0.25	0.19	0.20	0.21	15.30	ppb
Copper	63-2	10.45	10.10	10.40	10.32	1.87	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				103		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	54-2	10240.05	10108.31	10581.78	10310.05	2.37	ppb
Iron	56-2	10456.28	10252.35	10582.55	10430.39	1.60	ppb
Iron	57-2	10353.22	10109.19	10376.12	10279.51	1.44	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-13	Instrumnet Name :	P8
Client Sample ID :	C00X4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:24:51	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.03	0.07	0.09	0.06	50.29	ppb
Lead	207-1	0.07	0.01	0.06	0.05	64.27	ppb
Lead	208-1	0.02	0.03	0.05	0.03	44.48	ppb
Lithium	6-1				110		%
Magnesium	24-2	12211.27	11704.29	12279.34	12064.97	2.60	ppb
Manganese	55-2	561.61	553.50	554.92	556.68	0.78	ppb
Molybdenum	94-1	0.25	0.27	0.18	0.23	19.50	ppb
Molybdenum	95-1	0.21	0.25	0.21	0.22	9.81	ppb
Molybdenum	96-1	0.24	0.27	0.28	0.26	7.85	ppb
Molybdenum	97-1	0.28	0.23	0.16	0.23	26.80	ppb
Molybdenum	98-1	0.19	0.22	0.21	0.21	8.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.21	1.18	1.19	1.19	1.42	ppb
Phosphorus	31-2	26.40	4.13	-16.10	4.81	441.88	ppb
Potassium	39-2	2922.81	2753.59	2978.91	2885.11	4.07	ppb
Rhodium	103-1				102		%
Rhodium	103-2				105		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	82-1	-0.46	-0.02	1.06	0.19	405.38	ppb
Selenium	77-2	0.00	1.37	2.93	1.43	102.32	ppb
Selenium	78-2	-0.43	-0.37	2.22	0.47	319.27	ppb
Silicon	28-1	4117.98	4425.09	4495.89	4346.32	4.62	ppb
Silver	107-1	0.01	0.01	0.01	0.01	15.29	ppb
Silver	109-1	0.01	0.01	0.00	0.01	68.67	ppb
Sodium	23-2	15305.26	15002.74	15736.80	15348.27	2.40	ppb
Strontium	86-1	422.20	423.67	423.39	423.09	0.18	ppb
Strontium	88-1	423.44	422.79	420.60	422.28	0.35	ppb
Sulfur	34-1	22918.40	17811.57	24641.75	21790.57	16.30	ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	-0.14	-0.14	-0.12	-0.13		ppb
Thallium	205-1	-0.14	-0.16	-0.14	-0.15		ppb
Tin	118-1	-4.19	-4.18	-4.18	-4.19		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-13	Instrumnet Name :	P8
Client Sample ID :	C00X4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:24:51	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.46	0.49	0.47	0.47	3.77	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	19.38	ppb
Vanadium	51-2	0.10	0.09	0.10	0.10	2.50	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	3.85	3.28	3.63	3.59	8.11	ppb
Zirconium	90-1	0.06	0.03	0.05	0.05	33.80	ppb
Zirconium	91-1	0.01	0.05	0.06	0.04	69.57	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-14	Instrumnet Name :	P8
Client Sample ID :	C00X6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:27:49	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.81	12.75	13.61	12.39	11.59	ppb
Antimony	121-1	0.01	0.01	0.00	0.01	139.11	ppb
Arsenic	75-2	0.52	0.41	0.50	0.48	12.47	ppb
Barium	135-1	50.72	50.49	51.37	50.86	0.90	ppb
Barium	137-1	50.56	50.99	51.04	50.86	0.51	ppb
Beryllium	9-1	0.00	0.05	-0.01	0.01	229.93	ppb
Bismuth	209-1				102		%
Bismuth	209-2				105		%
Boron	10-1	22.34	24.82	23.41	23.52	5.30	ppb
Boron	11-1	23.39	24.58	24.23	24.07	2.53	ppb
Bromine	81-1						cps
Cadmium	111-1	0.02	0.08	0.04	0.05	54.40	ppb
Cadmium	106-1	1.71	0.91	2.25	1.62	41.70	ppb
Cadmium	108-1	-0.31	0.05	-0.40	-0.22		ppb
Calcium	43-1	26609.05	27472.03	27088.32	27056.47	1.60	ppb
Calcium	44-1	26438.60	27022.72	27722.00	27061.11	2.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.18	0.15	0.12	0.15	18.87	ppb
Cobalt	59-2	0.06	0.06	0.06	0.06	3.71	ppb
Copper	63-2	6.95	6.80	6.87	6.87	1.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	54-2	6063.10	6314.55	6181.70	6186.45	2.03	ppb
Iron	56-2	6559.96	6420.41	6325.95	6435.44	1.83	ppb
Iron	57-2	6278.82	6354.33	6445.72	6359.62	1.31	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-14	Instrumnet Name :	P8
Client Sample ID :	C00X6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:27:49	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.06	0.06	0.07	0.06	8.08	ppb
Lead	207-1	0.00	0.04	0.05	0.03	93.15	ppb
Lead	208-1	0.04	0.05	0.04	0.04	16.27	ppb
Lithium	6-1				109		%
Magnesium	24-2	10451.68	10469.92	10084.66	10335.42	2.10	ppb
Manganese	55-2	429.05	419.30	420.58	422.98	1.25	ppb
Molybdenum	94-1	0.12	0.09	0.08	0.10	20.50	ppb
Molybdenum	95-1	0.06	0.08	0.09	0.08	21.33	ppb
Molybdenum	96-1	0.04	0.06	0.04	0.05	29.28	ppb
Molybdenum	97-1	0.09	0.08	0.07	0.08	9.32	ppb
Molybdenum	98-1	0.05	0.07	0.06	0.06	11.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.70	0.63	0.62	0.65	6.40	ppb
Phosphorus	31-2	53.75	32.95	40.74	42.48	24.74	ppb
Potassium	39-2	1828.60	1801.56	1824.12	1818.09	0.80	ppb
Rhodium	103-1				102		%
Rhodium	103-2				105		%
Scandium	45-1				103		%
Scandium	45-2				106		%
Selenium	82-1	1.06	0.62	0.95	0.87	26.33	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.52	-0.92	0.82	0.14	667.83	ppb
Silicon	28-1	4253.36	4135.51	4345.20	4244.69	2.48	ppb
Silver	107-1	0.01	1.12	0.00	0.38	170.76	ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	16796.71	17104.69	16300.84	16734.08	2.42	ppb
Strontium	86-1	394.50	400.66	397.36	397.50	0.78	ppb
Strontium	88-1	389.11	387.12	395.42	390.55	1.11	ppb
Sulfur	34-1	18118.20	24038.06	19297.26	20484.51	15.30	ppb
Terbium	159-1				103		%
Terbium	159-2				106		%
Thallium	203-1	-0.16	-0.17	-0.16	-0.16		ppb
Thallium	205-1	-0.13	-0.15	-0.14	-0.14		ppb
Tin	118-1	-4.22	-4.22	-4.22	-4.22		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-14	Instrumnet Name :	P8
Client Sample ID :	C00X6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:27:49	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.38	0.43	0.61	0.48	25.55	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	27.77	ppb
Vanadium	51-2	0.06	0.02	0.06	0.05	52.53	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				104		%
Zinc	66-2	1.99	2.16	1.99	2.05	4.92	ppb
Zirconium	90-1	0.03	0.03	0.03	0.03	16.38	ppb
Zirconium	91-1	0.05	0.00	0.04	0.03	92.05	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-15	Instrumnet Name :	P8
Client Sample ID :	C00X8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:30:49	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.54	16.75	15.35	16.88	9.48	ppb
Antimony	121-1	0.02	0.01	0.02	0.01	25.38	ppb
Arsenic	75-2	0.22	0.22	0.14	0.19	24.81	ppb
Barium	135-1	65.05	63.65	63.68	64.12	1.24	ppb
Barium	137-1	64.35	64.04	64.03	64.14	0.29	ppb
Beryllium	9-1	0.04	0.02	0.03	0.03	20.89	ppb
Bismuth	209-1				103		%
Bismuth	209-2				104		%
Boron	10-1	17.02	17.97	19.50	18.16	6.89	ppb
Boron	11-1	17.56	18.59	19.57	18.57	5.41	ppb
Bromine	81-1						cps
Cadmium	111-1	0.07	0.03	0.01	0.04	73.87	ppb
Cadmium	106-1	3.97	2.07	0.86	2.30	68.15	ppb
Cadmium	108-1	0.22	0.22	-0.03	0.14	105.98	ppb
Calcium	43-1	26234.56	26254.41	25317.52	25935.50	2.06	ppb
Calcium	44-1	25072.14	25432.62	24843.65	25116.14	1.18	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.58	0.49	0.48	0.52	11.10	ppb
Cobalt	59-2	3.20	3.33	3.03	3.19	4.79	ppb
Copper	63-2	51.95	52.13	49.22	51.10	3.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				105		%
Indium	115-1				100		%
Indium	115-2				102		%
Iron	54-2	8219.98	7895.68	7720.16	7945.27	3.19	ppb
Iron	56-2	8504.88	8402.61	8318.77	8408.75	1.11	ppb
Iron	57-2	8452.55	8349.15	8041.27	8280.99	2.58	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-15	Instrumnet Name :	P8
Client Sample ID :	C00X8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:30:49	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.00	0.03	0.07	0.03	97.60	ppb
Lead	207-1	0.04	0.01	0.02	0.02	75.41	ppb
Lead	208-1	0.01	0.03	0.04	0.02	63.99	ppb
Lithium	6-1				108		%
Magnesium	24-2	12756.17	12411.80	11687.00	12284.99	4.44	ppb
Manganese	55-2	960.55	955.88	915.11	943.85	2.65	ppb
Molybdenum	94-1	0.19	0.17	0.20	0.19	6.70	ppb
Molybdenum	95-1	0.18	0.22	0.15	0.18	16.81	ppb
Molybdenum	96-1	0.19	0.22	0.18	0.20	9.90	ppb
Molybdenum	97-1	0.19	0.24	0.21	0.21	9.87	ppb
Molybdenum	98-1	0.18	0.19	0.17	0.18	6.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.64	3.37	3.35	3.45	4.65	ppb
Phosphorus	31-2	71.60	13.84	25.31	36.92	82.82	ppb
Potassium	39-2	2334.27	2341.59	2217.01	2297.63	3.04	ppb
Rhodium	103-1				100		%
Rhodium	103-2				104		%
Scandium	45-1				100		%
Scandium	45-2				105		%
Selenium	82-1	0.00	-0.29	-0.22	-0.17		ppb
Selenium	77-2	0.00	1.41	1.37	0.93	86.62	ppb
Selenium	78-2	-0.68	-0.26	0.61	-0.11		ppb
Silicon	28-1	6108.13	6140.36	5923.72	6057.40	1.93	ppb
Silver	107-1	0.01	0.00	0.01	0.01	26.02	ppb
Silver	109-1	0.00	-0.01	0.01	0.00		ppb
Sodium	23-2	15499.58	15799.89	14192.50	15163.99	5.64	ppb
Strontium	86-1	326.91	318.00	331.97	325.63	2.17	ppb
Strontium	88-1	328.78	321.38	333.66	327.94	1.89	ppb
Sulfur	34-1	28007.48	28499.82	28449.24	28318.85	0.96	ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	-0.17	-0.15	-0.15	-0.15		ppb
Thallium	205-1	-0.16	-0.15	-0.15	-0.15		ppb
Tin	118-1	-4.21	-4.24	-4.18	-4.21		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-15	Instrumnet Name :	P8
Client Sample ID :	C00X8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:30:49	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.03	0.72	0.71	0.82	22.43	ppb
Uranium	238-1	0.03	0.04	0.04	0.03	14.98	ppb
Vanadium	51-2	0.06	0.06	0.03	0.05	28.65	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	3.21	3.44	2.93	3.19	8.05	ppb
Zirconium	90-1	0.03	0.03	0.02	0.03	20.02	ppb
Zirconium	91-1	0.05	0.06	0.03	0.05	28.02	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-16	Instrumnet Name :	P8
Client Sample ID :	C00Y0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:33:46	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35.99	29.89	30.60	32.16	10.37	ppb
Antimony	121-1	0.01	0.00	0.02	0.01	113.16	ppb
Arsenic	75-2	0.96	0.64	0.54	0.71	30.79	ppb
Barium	135-1	156.42	156.93	157.20	156.85	0.25	ppb
Barium	137-1	157.89	156.98	157.92	157.60	0.34	ppb
Beryllium	9-1	0.01	0.01	0.02	0.01	47.60	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Boron	10-1	19.41	21.77	22.55	21.25	7.70	ppb
Boron	11-1	19.13	21.20	22.66	21.00	8.43	ppb
Bromine	81-1						cps
Cadmium	111-1	0.03	0.06	0.01	0.03	78.05	ppb
Cadmium	106-1	-0.46	-0.96	0.34	-0.36		ppb
Cadmium	108-1	-0.27	-0.18	-0.22	-0.22		ppb
Calcium	43-1	15180.82	14480.50	15014.26	14891.86	2.46	ppb
Calcium	44-1	15075.64	14485.65	14796.13	14785.81	2.00	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.33	0.32	0.34	0.33	3.00	ppb
Cobalt	59-2	0.12	0.11	0.12	0.12	6.78	ppb
Copper	63-2	0.79	0.76	0.77	0.77	1.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	54-2	18888.25	19636.11	18380.28	18968.21	3.33	ppb
Iron	56-2	19625.20	19744.08	18952.10	19440.46	2.20	ppb
Iron	57-2	19226.39	19699.70	18316.52	19080.87	3.68	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-16	Instrumnet Name :	P8
Client Sample ID :	C00Y0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:33:46	DataFile Name :	042AREF.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	140.56	ppb
Lead	207-1	-0.01	0.01	-0.01	0.00		ppb
Lead	208-1	0.00	0.00	0.01	0.00	117.61	ppb
Lithium	6-1				110		%
Magnesium	24-2	7651.43	8033.34	7266.84	7650.54	5.01	ppb
Manganese	55-2	998.99	997.98	978.36	991.78	1.17	ppb
Molybdenum	94-1	0.11	0.25	0.21	0.19	37.98	ppb
Molybdenum	95-1	0.18	0.14	0.12	0.15	19.63	ppb
Molybdenum	96-1	0.23	0.19	0.22	0.22	9.41	ppb
Molybdenum	97-1	0.15	0.13	0.15	0.14	9.54	ppb
Molybdenum	98-1	0.12	0.10	0.14	0.12	16.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.38	1.41	1.30	1.36	4.15	ppb
Phosphorus	31-2	108.57	50.72	22.90	60.73	71.96	ppb
Potassium	39-2	1814.11	1891.12	1767.46	1824.23	3.42	ppb
Rhodium	103-1				101		%
Rhodium	103-2				104		%
Scandium	45-1				102		%
Scandium	45-2				104		%
Selenium	82-1	0.30	0.60	0.44	0.45	33.38	ppb
Selenium	77-2	2.85	0.00	0.00	0.95	173.21	ppb
Selenium	78-2	-0.71	-0.40	0.16	-0.31		ppb
Silicon	28-1	4235.22	4197.56	4272.08	4234.95	0.88	ppb
Silver	107-1	0.00	0.00	-0.01	0.00		ppb
Silver	109-1	0.00	-0.01	-0.01	-0.01		ppb
Sodium	23-2	21070.84	21679.36	19874.30	20874.83	4.40	ppb
Strontium	86-1	123.00	125.86	121.50	123.45	1.79	ppb
Strontium	88-1	127.21	124.89	123.01	125.04	1.68	ppb
Sulfur	34-1	11534.82	10833.07	11464.83	11277.57	3.43	ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	-0.15	-0.12	-0.14	-0.14		ppb
Thallium	205-1	-0.15	-0.16	-0.15	-0.15		ppb
Tin	118-1	-4.25	-4.26	-4.25	-4.25		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-16	Instrumnet Name :	P8
Client Sample ID :	C00Y0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:33:46	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.58	0.83	0.44	0.62	32.14	ppb
Uranium	238-1	0.01	0.01	0.02	0.01	55.76	ppb
Vanadium	51-2	0.10	0.16	0.12	0.13	21.28	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	5.62	5.70	5.37	5.56	3.05	ppb
Zirconium	90-1	0.09	0.04	0.06	0.06	40.86	ppb
Zirconium	91-1	0.05	0.06	0.11	0.07	42.41	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-17	Instrumnet Name :	P8
Client Sample ID :	C00Y2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:36:47	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.83	1.50	1.55	1.63	11.11	ppb
Antimony	121-1	0.00	0.00	-0.01	0.00		ppb
Arsenic	75-2	-0.04	-0.04	-0.04	-0.04		ppb
Barium	135-1	0.09	0.11	0.07	0.09	25.01	ppb
Barium	137-1	0.09	0.14	0.06	0.09	42.44	ppb
Beryllium	9-1	0.00	-0.04	-0.01	-0.02		ppb
Bismuth	209-1				102		%
Bismuth	209-2				104		%
Boron	10-1	4.24	3.87	3.92	4.01	4.94	ppb
Boron	11-1	4.42	3.98	3.41	3.94	12.88	ppb
Bromine	81-1						cps
Cadmium	111-1	0.01	0.09	-0.01	0.03	187.20	ppb
Cadmium	106-1	0.00	2.84	-0.83	0.67	286.06	ppb
Cadmium	108-1	-0.25	0.13	-0.26	-0.13		ppb
Calcium	43-1	22.23	22.33	25.13	23.23	7.09	ppb
Calcium	44-1	28.93	26.19	27.64	27.59	4.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.52	0.51	0.54	0.53	3.30	ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	0.16	0.33	0.21	0.23	36.91	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				101		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	54-2	12.74	11.43	12.17	12.11	5.42	ppb
Iron	56-2	11.83	10.59	12.57	11.67	8.56	ppb
Iron	57-2	7.66	10.77	10.61	9.68	18.05	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-17	Instrumnet Name :	P8
Client Sample ID :	C00Y2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:36:47	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.07	0.08	0.06	0.07	15.53	ppb
Lead	207-1	0.08	0.08	0.05	0.07	21.45	ppb
Lead	208-1	0.06	0.06	0.05	0.05	9.47	ppb
Lithium	6-1				108		%
Magnesium	24-2	4.99	2.91	4.85	4.25	27.37	ppb
Manganese	55-2	0.51	0.52	0.64	0.56	12.34	ppb
Molybdenum	94-1	0.03	-0.06	0.02	0.00		ppb
Molybdenum	95-1	0.00	0.00	0.01	0.00	248.64	ppb
Molybdenum	96-1	-0.03	-0.02	-0.06	-0.04		ppb
Molybdenum	97-1	0.02	0.03	0.01	0.02	42.57	ppb
Molybdenum	98-1	0.01	0.01	-0.01	0.00	286.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.34	0.27	0.30	0.30	12.28	ppb
Phosphorus	31-2	-19.75	-38.67	-67.68	-42.03		ppb
Potassium	39-2	2.90	2.98	4.20	3.36	21.68	ppb
Rhodium	103-1				99		%
Rhodium	103-2				104		%
Scandium	45-1				100		%
Scandium	45-2				105		%
Selenium	82-1	-1.97	0.31	0.53	-0.38		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.21	0.41	0.10	0.57	100.23	ppb
Silicon	28-1	8.56	7.31	9.24	8.37	11.66	ppb
Silver	107-1	-0.01	-0.01	0.02	0.00		ppb
Silver	109-1	-0.01	0.00	0.00	0.00		ppb
Sodium	23-2	19.06	17.35	18.59	18.33	4.82	ppb
Strontium	86-1	0.23	0.21	0.18	0.21	12.81	ppb
Strontium	88-1	0.10	0.10	0.09	0.10	2.76	ppb
Sulfur	34-1	451.87	180.81	483.36	372.01	44.71	ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	-0.16	-0.20	-0.16	-0.17		ppb
Thallium	205-1	-0.16	-0.16	-0.15	-0.15		ppb
Tin	118-1	-4.12	-4.24	-3.94	-4.10		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-17	Instrumnet Name :	P8
Client Sample ID :	C00Y2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:36:47	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.19	0.13	0.11	0.14	28.22	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	93.11	ppb
Vanadium	51-2	0.01	0.01	0.02	0.02	25.66	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				104		%
Zinc	66-2	2.59	2.55	2.40	2.51	4.06	ppb
Zirconium	90-1	-0.01	-0.01	-0.01	-0.01		ppb
Zirconium	91-1	-0.03	0.01	0.01	0.00		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-18	Instrumnet Name :	P8
Client Sample ID :	C00Y4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:39:50	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39.19	37.00	41.30	39.17	5.49	ppb
Antimony	121-1	0.01	0.03	0.01	0.02	48.76	ppb
Arsenic	75-2	0.27	0.21	0.20	0.23	17.06	ppb
Barium	135-1	129.66	128.88	124.13	127.56	2.35	ppb
Barium	137-1	130.44	131.22	126.32	129.33	2.03	ppb
Beryllium	9-1	0.03	0.02	0.00	0.01	129.44	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Boron	10-1	23.45	26.87	25.70	25.34	6.85	ppb
Boron	11-1	23.18	25.98	25.87	25.01	6.34	ppb
Bromine	81-1						cps
Cadmium	111-1	0.09	-0.02	0.01	0.03	212.95	ppb
Cadmium	106-1	4.05	-0.80	2.49	1.92	129.14	ppb
Cadmium	108-1	-0.34	0.03	-0.17	-0.16		ppb
Calcium	43-1	20535.11	21664.84	20074.13	20758.03	3.94	ppb
Calcium	44-1	20839.49	21120.02	19700.69	20553.40	3.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.54	0.44	0.54	0.51	10.70	ppb
Cobalt	59-2	0.11	0.10	0.11	0.11	7.97	ppb
Copper	63-2	14.25	15.22	14.89	14.79	3.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				100		%
Indium	115-2				102		%
Iron	54-2	7571.18	7728.46	7591.26	7630.30	1.12	ppb
Iron	56-2	7780.49	8057.31	7589.71	7809.17	3.01	ppb
Iron	57-2	7577.59	7771.16	7649.46	7666.07	1.28	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-18	Instrumnet Name :	P8
Client Sample ID :	C00Y4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:39:50	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.07	0.13	0.06	0.09	38.58	ppb
Lead	207-1	0.05	0.07	0.04	0.05	31.25	ppb
Lead	208-1	0.05	0.12	0.04	0.07	59.35	ppb
Lithium	6-1				109		%
Magnesium	24-2	8745.20	8855.21	8694.40	8764.94	0.94	ppb
Manganese	55-2	386.45	389.93	375.56	383.98	1.95	ppb
Molybdenum	94-1	0.16	0.13	0.20	0.16	21.06	ppb
Molybdenum	95-1	0.04	0.05	0.02	0.04	42.47	ppb
Molybdenum	96-1	0.06	0.12	0.07	0.08	42.09	ppb
Molybdenum	97-1	0.04	0.04	0.07	0.05	35.17	ppb
Molybdenum	98-1	0.01	0.03	0.04	0.03	41.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.19	1.05	1.25	1.16	8.67	ppb
Phosphorus	31-2	53.53	8.80	70.91	44.41	72.14	ppb
Potassium	39-2	2007.06	2061.52	1971.94	2013.51	2.24	ppb
Rhodium	103-1				101		%
Rhodium	103-2				106		%
Scandium	45-1				101		%
Scandium	45-2				105		%
Selenium	82-1	-0.36	1.60	-0.41	0.28	411.86	ppb
Selenium	77-2	0.00	2.75	0.00	0.92	173.21	ppb
Selenium	78-2	1.15	0.35	0.33	0.61	76.44	ppb
Silicon	28-1	4921.96	5069.71	4810.56	4934.08	2.63	ppb
Silver	107-1	-0.01	-0.01	0.00	-0.01		ppb
Silver	109-1	-0.01	-0.02	-0.01	-0.01		ppb
Sodium	23-2	29877.31	30807.31	29286.83	29990.48	2.56	ppb
Strontium	86-1	257.06	271.79	249.33	259.39	4.40	ppb
Strontium	88-1	258.41	272.36	257.01	262.60	3.23	ppb
Sulfur	34-1	16149.95	17341.57	14849.39	16113.63	7.74	ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	-0.18	-0.13	-0.15	-0.15		ppb
Thallium	205-1	-0.15	-0.16	-0.16	-0.16		ppb
Tin	118-1	-3.97	-4.09	-4.03	-4.03		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-18	Instrumnet Name :	P8
Client Sample ID :	C00Y4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:39:50	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.05	0.79	0.60	0.81	27.89	ppb
Uranium	238-1	0.02	0.01	0.01	0.02	20.00	ppb
Vanadium	51-2	0.08	0.11	0.08	0.09	18.81	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	3.01	3.16	2.53	2.90	11.37	ppb
Zirconium	90-1	0.11	0.08	0.08	0.09	21.20	ppb
Zirconium	91-1	0.06	0.11	0.08	0.08	28.49	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-19	Instrumnet Name :	P8
Client Sample ID :	C00Y6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:42:50	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	280.87	268.41	278.23	275.83	2.38	ppb
Antimony	121-1	1.97	1.95	1.91	1.94	1.71	ppb
Arsenic	75-2	9.77	10.00	10.12	9.96	1.78	ppb
Barium	135-1	168.09	169.49	169.71	169.10	0.52	ppb
Barium	137-1	165.17	169.58	171.59	168.78	1.95	ppb
Beryllium	9-1	0.02	0.05	0.02	0.03	62.47	ppb
Bismuth	209-1				99		%
Bismuth	209-2				102		%
Boron	10-1	37.09	42.15	39.71	39.65	6.38	ppb
Boron	11-1	37.04	40.81	41.86	39.90	6.35	ppb
Bromine	81-1						cps
Cadmium	111-1	0.02	0.05	-0.01	0.02	147.08	ppb
Cadmium	106-1	1.37	1.68	1.32	1.46	13.60	ppb
Cadmium	108-1	-0.40	-0.12	-0.08	-0.20		ppb
Calcium	43-1	39133.17	40562.12	38971.89	39555.73	2.21	ppb
Calcium	44-1	38930.68	40801.67	38429.81	39387.39	3.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.21	1.18	1.20	1.20	0.95	ppb
Cobalt	59-2	21.21	21.65	21.90	21.59	1.62	ppb
Copper	63-2	29.68	29.15	29.07	29.30	1.14	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				103		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				102		%
Iron	54-2	10283.08	10249.94	10434.71	10322.58	0.95	ppb
Iron	56-2	10934.67	10325.69	10446.29	10568.88	3.05	ppb
Iron	57-2	10316.89	10083.65	10426.00	10275.51	1.70	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-19	Instrumnet Name :	P8
Client Sample ID :	C00Y6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:42:50	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.90	0.93	0.92	0.92	1.32	ppb
Lead	207-1	0.86	0.74	0.96	0.85	13.04	ppb
Lead	208-1	0.86	0.85	0.88	0.86	1.54	ppb
Lithium	6-1				110		%
Magnesium	24-2	11274.38	11144.46	11100.65	11173.16	0.81	ppb
Manganese	55-2	600.30	598.28	597.85	598.81	0.22	ppb
Molybdenum	94-1	2.18	2.20	2.09	2.15	2.70	ppb
Molybdenum	95-1	1.89	1.93	1.73	1.85	5.80	ppb
Molybdenum	96-1	1.94	1.96	1.98	1.96	0.93	ppb
Molybdenum	97-1	1.89	2.08	1.90	1.96	5.54	ppb
Molybdenum	98-1	1.83	1.83	1.84	1.83	0.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	33.53	33.12	32.72	33.12	1.21	ppb
Phosphorus	31-2	53.12	150.37	49.90	84.46	67.60	ppb
Potassium	39-2	5213.70	5055.11	5271.12	5179.98	2.16	ppb
Rhodium	103-1				99		%
Rhodium	103-2				105		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Selenium	82-1	-0.16	-0.61	0.14	-0.21		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.76	-1.07	0.54	0.41	345.28	ppb
Silicon	28-1	4658.60	4874.12	4494.36	4675.69	4.07	ppb
Silver	107-1	0.00	-0.01	0.01	0.00	324.26	ppb
Silver	109-1	-0.02	-0.01	0.00	-0.01		ppb
Sodium	23-2	16871.96	17316.82	17107.07	17098.62	1.30	ppb
Strontium	86-1	385.71	400.79	390.59	392.36	1.96	ppb
Strontium	88-1	380.03	401.04	396.96	392.68	2.84	ppb
Sulfur	34-1	7565.56	7440.93	6949.48	7318.66	4.45	ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.09	0.09	0.07	0.08	15.99	ppb
Thallium	205-1	0.05	0.09	0.08	0.07	30.36	ppb
Tin	118-1	-2.61	-2.50	-2.61	-2.57		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-19	Instrumnet Name :	P8
Client Sample ID :	C00Y6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:42:50	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.74	3.06	3.21	3.00	7.91	ppb
Uranium	238-1	1.17	1.20	1.15	1.17	2.33	ppb
Vanadium	51-2	0.87	0.81	0.85	0.84	4.04	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				103		%
Zinc	66-2	9.05	8.67	9.12	8.95	2.69	ppb
Zirconium	90-1	0.33	0.35	0.30	0.33	7.98	ppb
Zirconium	91-1	0.32	0.38	0.28	0.32	15.63	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-20	Instrumnet Name :	P8
Client Sample ID :	C00Y8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:45:49	DataFile Name :	046AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	45.73	45.45	51.53	47.57	7.22	ppb
Antimony	121-1	0.09	0.11	0.08	0.09	15.66	ppb
Arsenic	75-2	0.13	0.12	0.08	0.11	23.53	ppb
Barium	135-1	17.76	18.62	18.42	18.27	2.44	ppb
Barium	137-1	18.26	18.57	18.19	18.34	1.11	ppb
Beryllium	9-1	0.00	-0.01	-0.02	-0.01		ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Boron	10-1	13.34	14.40	13.04	13.59	5.25	ppb
Boron	11-1	13.34	14.35	12.88	13.52	5.58	ppb
Bromine	81-1						cps
Cadmium	111-1	0.03	0.03	0.02	0.03	17.56	ppb
Cadmium	106-1	1.67	0.45	0.51	0.88	78.82	ppb
Cadmium	108-1	0.11	0.15	-0.36	-0.03		ppb
Calcium	43-1	20779.74	21132.09	21569.38	21160.40	1.87	ppb
Calcium	44-1	20702.45	20648.90	21442.92	20931.42	2.12	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.31	0.40	0.38	0.37	12.75	ppb
Cobalt	59-2	0.27	0.27	0.25	0.26	4.32	ppb
Copper	63-2	0.97	1.06	1.08	1.04	5.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	54-2	177.85	197.99	191.56	189.13	5.44	ppb
Iron	56-2	184.63	203.67	188.45	192.25	5.24	ppb
Iron	57-2	213.02	215.16	201.69	209.96	3.45	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-20	Instrumnet Name :	P8
Client Sample ID :	C00Y8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:45:49	DataFile Name :	046AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.12	0.10	0.14	0.12	17.73	ppb
Lead	207-1	0.08	0.07	0.09	0.08	14.15	ppb
Lead	208-1	0.06	0.09	0.11	0.09	24.65	ppb
Lithium	6-1				115		%
Magnesium	24-2	7718.18	8328.90	7644.90	7897.33	4.76	ppb
Manganese	55-2	54.45	57.59	54.79	55.61	3.10	ppb
Molybdenum	94-1	0.15	0.16	0.18	0.17	10.37	ppb
Molybdenum	95-1	0.12	0.12	0.19	0.14	25.34	ppb
Molybdenum	96-1	0.07	0.09	0.12	0.09	23.85	ppb
Molybdenum	97-1	0.14	0.17	0.16	0.16	9.86	ppb
Molybdenum	98-1	0.14	0.17	0.15	0.15	7.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.34	1.41	1.39	1.38	2.44	ppb
Phosphorus	31-2	18.85	-21.77	-17.06	-6.66		ppb
Potassium	39-2	2015.98	2187.88	2062.69	2088.85	4.26	ppb
Rhodium	103-1				102		%
Rhodium	103-2				104		%
Scandium	45-1				106		%
Scandium	45-2				103		%
Selenium	82-1	1.73	1.76	1.95	1.82	6.65	ppb
Selenium	77-2	4.14	0.00	1.36	1.83	115.20	ppb
Selenium	78-2	-1.43	0.60	-1.24	-0.69		ppb
Silicon	28-1	3127.56	3175.24	3138.78	3147.19	0.79	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	-0.01	-0.01	-0.01	-0.01		ppb
Sodium	23-2	2748.29	2963.78	2828.83	2846.97	3.82	ppb
Strontium	86-1	141.18	144.67	149.92	145.26	3.03	ppb
Strontium	88-1	143.69	147.03	150.93	147.22	2.46	ppb
Sulfur	34-1	12106.86	12820.69	12730.76	12552.77	3.10	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	-0.15	-0.14	-0.13	-0.14		ppb
Thallium	205-1	-0.16	-0.14	-0.15	-0.15		ppb
Tin	118-1	-3.97	-3.90	-4.02	-3.96		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-20	Instrumnet Name :	P8
Client Sample ID :	C00Y8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:45:49	DataFile Name :	046AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.63	0.61	0.71	0.65	7.97	ppb
Uranium	238-1	0.03	0.02	0.02	0.02	7.00	ppb
Vanadium	51-2	0.11	0.11	0.10	0.11	5.31	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				104		%
Zinc	66-2	2.95	3.64	3.73	3.44	12.46	ppb
Zirconium	90-1	0.06	0.05	0.04	0.05	13.40	ppb
Zirconium	91-1	0.00	0.00	0.01	0.01	126.78	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	CCV066	Instrumnet Name :	P8
Client Sample ID :	CCV066	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:53:41	DataFile Name :	048CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52836.93	51816.09	50838.56	51830.53	1.93	ppb
Antimony	121-1	492.30	509.24	509.21	503.58	1.94	ppb
Arsenic	75-2	517.15	514.72	505.14	512.34	1.24	ppb
Barium	135-1	2588.98	2599.95	2595.17	2594.70	0.21	ppb
Barium	137-1	2549.53	2630.70	2570.63	2583.62	1.63	ppb
Beryllium	9-1	502.01	511.59	497.69	503.76	1.41	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Boron	10-1	520.92	548.12	557.22	542.09	3.48	ppb
Boron	11-1	516.56	537.15	540.15	531.29	2.42	ppb
Bromine	81-1						cps
Cadmium	111-1	487.07	512.75	492.82	497.55	2.71	ppb
Cadmium	106-1	495.61	506.64	504.18	502.15	1.15	ppb
Cadmium	108-1	488.91	496.75	501.39	495.68	1.27	ppb
Calcium	43-1	245205.31	251347.88	250114.26	248889.15	1.31	ppb
Calcium	44-1	246219.00	242805.50	245195.17	244739.89	0.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	497.37	497.25	483.76	492.79	1.59	ppb
Cobalt	59-2	503.66	510.34	507.15	507.05	0.66	ppb
Copper	63-2	5075.82	5060.68	4852.74	4996.41	2.49	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				104		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	54-2	128552.15	130197.22	123099.75	127283.04	2.92	ppb
Iron	56-2	130163.89	126237.62	124186.90	126862.80	2.39	ppb
Iron	57-2	130906.01	131805.51	128432.01	130381.18	1.34	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	CCV066	Instrumnet Name :	P8
Client Sample ID :	CCV066	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:53:41	DataFile Name :	048CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2528.97	2660.02	2540.42	2576.47	2.82	ppb
Lead	207-1	2586.35	2673.65	2563.16	2607.72	2.23	ppb
Lead	208-1	2544.92	2615.40	2548.21	2569.51	1.55	ppb
Lithium	6-1				113		%
Magnesium	24-2	263154.86	252644.40	246106.92	253968.73	3.39	ppb
Manganese	55-2	5292.72	5169.08	4983.91	5148.57	3.02	ppb
Molybdenum	94-1	5613.47	5569.75	5518.10	5567.10	0.86	ppb
Molybdenum	95-1	5610.50	5569.50	5565.92	5581.97	0.44	ppb
Molybdenum	96-1	5561.46	5475.69	5487.11	5508.09	0.85	ppb
Molybdenum	97-1	5545.79	5614.77	5523.30	5561.28	0.86	ppb
Molybdenum	98-1	5575.29	5713.22	5501.43	5596.65	1.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	519.73	520.03	503.73	514.50	1.81	ppb
Phosphorus	31-2	10545.39	10316.09	10255.91	10372.46	1.47	ppb
Potassium	39-2	129246.88	128221.03	125598.76	127688.89	1.47	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	82-1	529.81	528.94	526.90	528.55	0.28	ppb
Selenium	77-2	526.06	572.20	475.58	524.61	9.21	ppb
Selenium	78-2	535.70	540.83	521.35	532.63	1.90	ppb
Silicon	28-1	450.93	530.69	533.00	504.87	9.26	ppb
Silver	107-1	531.32	530.92	537.36	533.20	0.68	ppb
Silver	109-1	533.36	541.33	540.44	538.38	0.81	ppb
Sodium	23-2	262650.01	256005.74	250941.77	256532.51	2.29	ppb
Strontium	86-1	4905.28	5042.67	4899.71	4949.22	1.64	ppb
Strontium	88-1	5014.85	5009.85	5072.83	5032.51	0.70	ppb
Sulfur	34-1	9254.19	9889.95	10177.64	9773.93	4.83	ppb
Terbium	159-1				102		%
Terbium	159-2				104		%
Thallium	203-1	503.72	523.46	522.71	516.63	2.17	ppb
Thallium	205-1	489.63	520.79	521.97	510.80	3.59	ppb
Tin	118-1	509.23	509.45	515.99	511.56	0.75	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	CCV066	Instrumnet Name :	P8
Client Sample ID :	CCV066	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:53:41	DataFile Name :	048CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5464.19	5416.13	5536.40	5472.24	1.11	ppb
Uranium	238-1	521.24	509.76	535.40	522.13	2.46	ppb
Vanadium	51-2	515.29	518.01	499.40	510.90	1.97	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				104		%
Zinc	66-2	5010.44	4943.91	4868.92	4941.09	1.43	ppb
Zirconium	90-1	500.77	501.95	507.24	503.32	0.68	ppb
Zirconium	91-1	495.07	504.13	494.98	498.06	1.06	ppb

LB Number : LB117862 Operator : Jaswal
 Lab Sample ID : CCB066 Instrumnet Name : P8
 Client Sample ID : CCB066 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-16 15:08:43 DataFile Name : 050CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.02	-0.05	0.00	-0.01		ppb
Antimony	121-1	0.06	0.07	0.08	0.07	14.91	ppb
Arsenic	75-2	-0.04	-0.04	0.02	-0.02		ppb
Barium	135-1	-0.01	-0.01	0.04	0.01	521.19	ppb
Barium	137-1	0.02	0.00	0.03	0.02	77.69	ppb
Beryllium	9-1	0.04	0.02	0.02	0.03	40.87	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	20.43	19.52	17.95	19.30	6.52	ppb
Boron	11-1	19.27	17.77	17.10	18.05	6.15	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.14	-0.08	-0.10	-0.11		ppb
Cadmium	106-1	-4.14	-1.20	-1.31	-2.22		ppb
Cadmium	108-1	-0.08	0.47	0.57	0.32	109.73	ppb
Calcium	43-1	-1.04	1.09	0.95	0.33	357.72	ppb
Calcium	44-1	2.00	2.31	2.55	2.29	12.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.01	0.01	0.02	62.69	ppb
Cobalt	59-2	-0.01	0.01	-0.01	0.00		ppb
Copper	63-2	0.05	0.08	-0.03	0.04	154.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	54-2	2.58	1.18	2.18	1.98	36.45	ppb
Iron	56-2	1.59	1.59	1.47	1.55	4.19	ppb
Iron	57-2	0.75	3.34	0.17	1.42	119.11	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	CCB066	Instrumnet Name :	P8
Client Sample ID :	CCB066	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:08:43	DataFile Name :	050CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.06	0.04	0.06	0.05	25.00	ppb
Lead	207-1	0.04	0.04	0.06	0.05	22.14	ppb
Lead	208-1	0.05	0.05	0.05	0.05	5.39	ppb
Lithium	6-1				111		%
Magnesium	24-2	1.75	3.77	3.50	3.01	36.57	ppb
Manganese	55-2	0.06	0.06	0.09	0.07	31.72	ppb
Molybdenum	94-1	0.07	0.05	0.04	0.05	28.53	ppb
Molybdenum	95-1	0.11	0.08	0.08	0.09	21.51	ppb
Molybdenum	96-1	0.08	0.07	0.02	0.06	61.88	ppb
Molybdenum	97-1	0.12	0.11	0.10	0.11	9.23	ppb
Molybdenum	98-1	0.12	0.08	0.07	0.09	28.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	0.02	0.00	-0.01		ppb
Phosphorus	31-2	-43.53	-64.69	-11.05	-39.76		ppb
Potassium	39-2	7.53	11.82	18.56	12.63	44.00	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	82-1	-0.37	0.27	1.09	0.33	222.71	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.46	1.12	0.70	0.76	43.64	ppb
Silicon	28-1	-5.94	-5.49	-4.33	-5.25		ppb
Silver	107-1	0.06	0.03	0.05	0.05	29.88	ppb
Silver	109-1	0.05	0.03	0.03	0.04	29.63	ppb
Sodium	23-2	25.87	26.67	27.75	26.76	3.53	ppb
Strontium	86-1	-0.08	0.08	0.26	0.09	200.51	ppb
Strontium	88-1	0.03	0.05	0.03	0.04	20.53	ppb
Sulfur	34-1	72.01	-48.04	16.03	13.33	450.51	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	-0.08	-0.12	-0.07	-0.09		ppb
Thallium	205-1	-0.10	-0.05	-0.07	-0.07		ppb
Tin	118-1	0.84	0.86	0.88	0.86	2.25	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	CCB066	Instrumnet Name :	P8
Client Sample ID :	CCB066	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:08:43	DataFile Name :	050CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.09	0.04	0.01	0.05	81.89	ppb
Uranium	238-1	0.00	0.00	0.01	0.00	26.95	ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	152.15	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	-0.08	0.01	0.06	0.00		ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	59.85	ppb
Zirconium	91-1	0.01	-0.01	0.04	0.01	175.01	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-21	Instrumnet Name :	P8
Client Sample ID :	C00Z0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:11:46	DataFile Name :	051AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4317.50	4241.36	4239.65	4266.17	1.04	ppb
Antimony	121-1	0.17	0.13	0.17	0.15	13.65	ppb
Arsenic	75-2	3.23	3.35	3.85	3.48	9.53	ppb
Barium	135-1	120.79	116.07	115.71	117.52	2.41	ppb
Barium	137-1	120.22	118.12	117.70	118.68	1.14	ppb
Beryllium	9-1	0.37	0.38	0.40	0.38	4.25	ppb
Bismuth	209-1				103		%
Bismuth	209-2				106		%
Boron	10-1	28.78	30.18	31.74	30.23	4.91	ppb
Boron	11-1	29.69	30.48	31.06	30.41	2.25	ppb
Bromine	81-1						cps
Cadmium	111-1	0.10	0.12	0.04	0.09	46.51	ppb
Cadmium	106-1	4.59	3.09	-0.65	2.35	115.02	ppb
Cadmium	108-1	0.50	0.23	0.81	0.51	56.07	ppb
Calcium	43-1	33600.42	33894.91	33797.62	33764.32	0.44	ppb
Calcium	44-1	33447.02	33308.71	33340.28	33365.34	0.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5.99	5.97	6.41	6.12	4.08	ppb
Cobalt	59-2	32.72	31.85	31.82	32.13	1.60	ppb
Copper	63-2	8.88	8.59	8.70	8.72	1.71	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				106		%
Holmium	165-2				108		%
Indium	115-1				102		%
Indium	115-2				105		%
Iron	54-2	13533.51	13230.35	13044.07	13269.31	1.86	ppb
Iron	56-2	14109.75	13418.69	13461.28	13663.24	2.83	ppb
Iron	57-2	13622.60	13056.81	13197.56	13292.33	2.22	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-21	Instrumnet Name :	P8
Client Sample ID :	C00Z0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:11:46	DataFile Name :	051AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	6.19	6.19	6.18	6.19	0.08	ppb
Lead	207-1	5.85	5.94	5.89	5.89	0.80	ppb
Lead	208-1	5.93	6.00	6.02	5.98	0.80	ppb
Lithium	6-1				113		%
Magnesium	24-2	12024.70	11509.50	12112.24	11882.15	2.74	ppb
Manganese	55-2	20631.95	19457.83	19993.38	20027.72	2.93	ppb
Molybdenum	94-1	2.56	2.49	2.62	2.55	2.52	ppb
Molybdenum	95-1	1.14	1.09	1.11	1.11	2.59	ppb
Molybdenum	96-1	0.93	0.84	0.85	0.87	5.92	ppb
Molybdenum	97-1	0.55	0.63	0.54	0.57	8.51	ppb
Molybdenum	98-1	0.61	0.59	0.69	0.63	8.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.68	6.59	6.77	6.68	1.32	ppb
Phosphorus	31-2	31.58	63.75	66.92	54.08	36.16	ppb
Potassium	39-2	3669.76	3575.76	3583.11	3609.54	1.45	ppb
Rhodium	103-1				101		%
Rhodium	103-2				107		%
Scandium	45-1				103		%
Scandium	45-2				108		%
Selenium	82-1	-0.21	0.87	1.70	0.79	121.25	ppb
Selenium	77-2	3.92	9.53	2.79	5.41	66.67	ppb
Selenium	78-2	0.92	1.63	1.05	1.20	31.48	ppb
Silicon	28-1	5143.96	5174.89	5142.25	5153.70	0.36	ppb
Silver	107-1	0.06	0.03	0.04	0.04	38.79	ppb
Silver	109-1	0.04	0.03	0.04	0.04	13.05	ppb
Sodium	23-2	6930.36	6819.11	7065.71	6938.40	1.78	ppb
Strontium	86-1	303.31	311.34	307.58	307.41	1.31	ppb
Strontium	88-1	310.26	308.11	300.15	306.17	1.74	ppb
Sulfur	34-1	7836.01	7327.56	7747.92	7637.16	3.56	ppb
Terbium	159-1				103		%
Terbium	159-2				109		%
Thallium	203-1	0.03	0.02	0.08	0.04	66.27	ppb
Thallium	205-1	0.06	0.04	0.07	0.06	28.82	ppb
Tin	118-1	-4.18	-4.19	-4.21	-4.19		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-21	Instrumnet Name :	P8
Client Sample ID :	C00Z0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:11:46	DataFile Name :	051AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	46.75	47.74	46.63	47.04	1.30	ppb
Uranium	238-1	0.39	0.40	0.39	0.39	1.68	ppb
Vanadium	51-2	7.29	6.99	7.17	7.15	2.09	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				107		%
Zinc	66-2	23.27	21.30	21.51	22.02	4.91	ppb
Zirconium	90-1	1.06	1.09	1.08	1.08	1.48	ppb
Zirconium	91-1	1.07	1.22	0.94	1.08	12.59	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-22	Instrumnet Name :	P8
Client Sample ID :	C00Z2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:14:47	DataFile Name :	052AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	132.98	127.55	130.17	130.23	2.09	ppb
Antimony	121-1	0.36	0.35	0.34	0.35	3.11	ppb
Arsenic	75-2	12.30	12.87	12.20	12.46	2.89	ppb
Barium	135-1	207.50	197.04	180.85	195.13	6.88	ppb
Barium	137-1	207.68	195.98	184.11	195.92	6.01	ppb
Beryllium	9-1	0.10	0.05	0.04	0.06	51.50	ppb
Bismuth	209-1				95		%
Bismuth	209-2				106		%
Boron	10-1	57.16	54.12	53.48	54.92	3.58	ppb
Boron	11-1	57.18	54.78	54.35	55.44	2.75	ppb
Bromine	81-1						cps
Cadmium	111-1	0.13	0.01	0.05	0.06	99.94	ppb
Cadmium	106-1	1.72	0.46	0.19	0.79	103.41	ppb
Cadmium	108-1	0.84	0.22	0.12	0.40	98.36	ppb
Calcium	43-1	36956.11	33632.22	32915.82	34501.38	6.25	ppb
Calcium	44-1	36103.53	33384.17	33287.27	34258.32	4.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.29	0.31	0.32	0.31	6.08	ppb
Cobalt	59-2	0.22	0.27	0.26	0.25	9.22	ppb
Copper	63-2	0.36	0.32	0.34	0.34	5.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				106		%
Indium	115-1				93		%
Indium	115-2				105		%
Iron	54-2	10103.38	9914.38	10015.67	10011.14	0.94	ppb
Iron	56-2	10348.97	10069.31	10248.74	10222.34	1.39	ppb
Iron	57-2	10213.79	9844.99	9978.58	10012.46	1.86	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-22	Instrumnet Name :	P8
Client Sample ID :	C00Z2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:14:47	DataFile Name :	052AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.57	0.47	0.44	0.49	13.82	ppb
Lead	207-1	0.46	0.45	0.37	0.43	11.13	ppb
Lead	208-1	0.48	0.43	0.40	0.43	9.63	ppb
Lithium	6-1				106		%
Magnesium	24-2	8791.67	8634.82	8446.22	8624.24	2.01	ppb
Manganese	55-2	586.63	585.12	572.17	581.31	1.37	ppb
Molybdenum	94-1	1.07	1.08	0.99	1.05	4.47	ppb
Molybdenum	95-1	1.06	1.10	0.95	1.03	7.05	ppb
Molybdenum	96-1	1.19	1.08	1.02	1.10	8.01	ppb
Molybdenum	97-1	1.06	0.92	0.90	0.96	9.12	ppb
Molybdenum	98-1	1.21	0.98	0.94	1.04	13.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.07	1.35	1.04	1.15	15.03	ppb
Phosphorus	31-2	27.27	-37.51	-4.93	-5.06		ppb
Potassium	39-2	7291.87	7335.77	7137.73	7255.12	1.43	ppb
Rhodium	103-1				94		%
Rhodium	103-2				105		%
Scandium	45-1				96		%
Scandium	45-2				107		%
Selenium	82-1	-0.44	1.29	0.49	0.45	193.51	ppb
Selenium	77-2	0.00	0.00	2.71	0.90	173.21	ppb
Selenium	78-2	-0.44	2.93	0.41	0.97	180.49	ppb
Silicon	28-1	5604.63	5028.96	5028.51	5220.70	6.37	ppb
Silver	107-1	0.00	0.01	0.00	0.00	190.76	ppb
Silver	109-1	0.01	0.00	0.01	0.01	84.60	ppb
Sodium	23-2	20022.32	20103.15	19226.38	19783.95	2.45	ppb
Strontium	86-1	340.58	320.18	294.65	318.47	7.23	ppb
Strontium	88-1	346.35	321.46	294.80	320.87	8.03	ppb
Sulfur	34-1	11771.04	9313.80	9234.07	10106.30	14.27	ppb
Terbium	159-1				94		%
Terbium	159-2				106		%
Thallium	203-1	-0.13	-0.10	-0.09	-0.11		ppb
Thallium	205-1	-0.08	-0.12	-0.14	-0.11		ppb
Tin	118-1	-4.11	-4.14	-4.23	-4.16		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-22	Instrumnet Name :	P8
Client Sample ID :	C00Z2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:14:47	DataFile Name :	052AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.40	1.96	1.73	2.03	16.88	ppb
Uranium	238-1	0.16	0.17	0.14	0.16	8.56	ppb
Vanadium	51-2	0.19	0.15	0.16	0.16	13.02	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				106		%
Zinc	66-2	6.02	5.40	5.71	5.71	5.41	ppb
Zirconium	90-1	0.16	0.12	0.12	0.13	17.09	ppb
Zirconium	91-1	0.18	0.08	0.11	0.12	40.93	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-01	Instrumnet Name :	P8
Client Sample ID :	C00V6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:17:48	DataFile Name :	053AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.63	5.90	6.69	6.07	9.03	ppb
Antimony	121-1	0.05	0.06	0.09	0.07	29.64	ppb
Arsenic	75-2	8.52	9.28	9.04	8.95	4.37	ppb
Barium	135-1	224.26	229.84	219.48	224.53	2.31	ppb
Barium	137-1	223.65	230.62	224.92	226.40	1.64	ppb
Beryllium	9-1	-0.02	0.02	-0.01	0.00		ppb
Bismuth	209-1				102		%
Bismuth	209-2				105		%
Boron	10-1	50.80	52.43	51.86	51.69	1.60	ppb
Boron	11-1	50.40	49.76	51.13	50.43	1.36	ppb
Bromine	81-1						cps
Cadmium	111-1	0.05	0.02	-0.01	0.02	134.57	ppb
Cadmium	106-1	1.18	1.40	-1.01	0.52	255.00	ppb
Cadmium	108-1	0.18	0.19	0.13	0.17	21.52	ppb
Calcium	43-1	41218.30	44009.61	42191.48	42473.13	3.34	ppb
Calcium	44-1	40597.16	42878.00	40518.92	41331.36	3.24	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.26	0.29	0.20	0.25	18.44	ppb
Cobalt	59-2	0.21	0.25	0.24	0.23	7.40	ppb
Copper	63-2	0.13	0.15	0.16	0.15	11.23	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				107		%
Indium	115-1				102		%
Indium	115-2				105		%
Iron	54-2	11324.40	11494.89	11788.57	11535.95	2.04	ppb
Iron	56-2	11704.06	11605.24	11494.92	11601.41	0.90	ppb
Iron	57-2	11386.74	11322.25	11619.50	11442.83	1.37	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-01	Instrumnet Name :	P8
Client Sample ID :	C00V6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:17:48	DataFile Name :	053AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.06	0.09	0.07	0.07	14.70	ppb
Lead	207-1	0.09	0.06	0.03	0.06	51.24	ppb
Lead	208-1	0.08	0.07	0.06	0.07	17.09	ppb
Lithium	6-1				111		%
Magnesium	24-2	9387.88	9474.69	10093.56	9652.05	3.99	ppb
Manganese	55-2	1724.40	1725.47	1763.90	1737.92	1.29	ppb
Molybdenum	94-1	0.81	0.96	0.76	0.85	12.41	ppb
Molybdenum	95-1	0.85	0.89	0.85	0.87	2.69	ppb
Molybdenum	96-1	0.93	0.96	0.87	0.92	4.66	ppb
Molybdenum	97-1	0.91	0.91	0.89	0.90	1.09	ppb
Molybdenum	98-1	0.79	0.80	0.78	0.79	1.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.85	1.07	0.91	0.94	12.25	ppb
Phosphorus	31-2	-35.09	-34.09	-44.68	-37.95		ppb
Potassium	39-2	9097.62	8936.02	9778.26	9270.63	4.82	ppb
Rhodium	103-1				103		%
Rhodium	103-2				106		%
Scandium	45-1				103		%
Scandium	45-2				108		%
Selenium	82-1	1.54	0.30	-0.45	0.46	216.31	ppb
Selenium	77-2	0.00	1.38	1.39	0.92	86.60	ppb
Selenium	78-2	1.34	-0.69	-0.56	0.03	3515.74	ppb
Silicon	28-1	7594.19	8142.15	7699.91	7812.09	3.72	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	-0.01	-0.01	0.00	0.00		ppb
Sodium	23-2	14199.01	14901.00	14576.05	14558.69	2.41	ppb
Strontium	86-1	416.27	422.03	417.83	418.71	0.71	ppb
Strontium	88-1	408.34	414.53	407.03	409.97	0.98	ppb
Sulfur	34-1	2060.03	2772.81	2321.13	2384.66	15.12	ppb
Terbium	159-1				104		%
Terbium	159-2				107		%
Thallium	203-1	-0.14	-0.14	-0.12	-0.13		ppb
Thallium	205-1	-0.11	-0.13	-0.13	-0.13		ppb
Tin	118-1	-4.10	-4.03	-3.97	-4.03		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-01	Instrumnet Name :	P8
Client Sample ID :	C00V6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:17:48	DataFile Name :	053AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.55	0.48	0.51	0.52	7.31	ppb
Uranium	238-1	0.02	0.01	0.02	0.02	34.15	ppb
Vanadium	51-2	0.05	0.04	0.07	0.05	29.37	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	4.78	4.31	4.91	4.66	6.80	ppb
Zirconium	90-1	0.02	0.05	0.04	0.03	42.44	ppb
Zirconium	91-1	0.01	0.06	0.04	0.04	76.09	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-02	Instrumnet Name :	P8
Client Sample ID :	C00V8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:20:49	DataFile Name :	054AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.25	5.01	4.36	4.87	9.44	ppb
Antimony	121-1	0.05	0.04	0.06	0.05	21.60	ppb
Arsenic	75-2	1.85	1.89	1.86	1.87	1.24	ppb
Barium	135-1	38.80	40.54	37.71	39.02	3.66	ppb
Barium	137-1	39.27	40.50	38.25	39.34	2.87	ppb
Beryllium	9-1	0.00	0.04	0.02	0.02	94.68	ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Boron	10-1	35.35	37.90	35.63	36.29	3.86	ppb
Boron	11-1	34.93	37.89	35.48	36.10	4.37	ppb
Bromine	81-1						cps
Cadmium	111-1	0.03	0.07	0.04	0.05	44.84	ppb
Cadmium	106-1	0.43	0.35	2.08	0.95	102.47	ppb
Cadmium	108-1	-0.01	0.40	-0.10	0.10	268.60	ppb
Calcium	43-1	20584.05	21571.83	20193.05	20782.98	3.42	ppb
Calcium	44-1	20809.27	21884.27	20313.47	21002.34	3.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.45	0.30	0.29	0.34	25.77	ppb
Cobalt	59-2	5.33	4.95	5.23	5.17	3.80	ppb
Copper	63-2	10.33	10.32	10.31	10.32	0.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				104		%
Iron	54-2	23631.09	23596.48	23407.76	23545.11	0.51	ppb
Iron	56-2	23857.01	23791.21	23899.56	23849.26	0.23	ppb
Iron	57-2	23505.80	22728.51	23075.25	23103.19	1.69	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-02	Instrumnet Name :	P8
Client Sample ID :	C00V8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:20:49	DataFile Name :	054AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.07	0.05	0.06	0.06	13.88	ppb
Lead	207-1	0.07	0.06	0.01	0.05	61.28	ppb
Lead	208-1	0.06	0.03	0.03	0.04	37.72	ppb
Lithium	6-1				111		%
Magnesium	24-2	9728.30	9633.49	9711.92	9691.24	0.52	ppb
Manganese	55-2	1678.56	1648.87	1670.59	1666.00	0.92	ppb
Molybdenum	94-1	0.08	0.11	0.07	0.08	25.26	ppb
Molybdenum	95-1	0.14	0.17	0.12	0.15	16.42	ppb
Molybdenum	96-1	0.29	0.28	0.29	0.28	2.10	ppb
Molybdenum	97-1	0.17	0.15	0.17	0.16	4.54	ppb
Molybdenum	98-1	0.15	0.12	0.13	0.13	11.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.10	7.48	7.25	7.27	2.63	ppb
Phosphorus	31-2	-70.98	-54.42	-53.74	-59.72		ppb
Potassium	39-2	2406.35	2413.68	2388.31	2402.78	0.54	ppb
Rhodium	103-1				104		%
Rhodium	103-2				107		%
Scandium	45-1				106		%
Scandium	45-2				107		%
Selenium	82-1	2.13	1.27	0.59	1.33	58.41	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	2.04	0.12	1.56	1.24	80.76	ppb
Silicon	28-1	3749.76	3903.77	3531.45	3728.33	5.02	ppb
Silver	107-1	-0.01	0.00	0.01	0.00		ppb
Silver	109-1	-0.01	-0.01	0.00	-0.01		ppb
Sodium	23-2	18266.37	18015.21	18062.23	18114.60	0.74	ppb
Strontium	86-1	167.79	167.12	168.72	167.88	0.48	ppb
Strontium	88-1	166.80	166.84	168.06	167.23	0.43	ppb
Sulfur	34-1	19345.45	22321.92	18801.59	20156.32	9.40	ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	-0.10	-0.16	-0.13	-0.13		ppb
Thallium	205-1	-0.12	-0.16	-0.13	-0.14		ppb
Tin	118-1	-4.15	-4.09	-4.18	-4.14		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-02	Instrumnet Name :	P8
Client Sample ID :	C00V8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:20:49	DataFile Name :	054AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.27	0.44	0.23	0.31	34.18	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	11.98	ppb
Vanadium	51-2	0.03	0.04	0.05	0.04	21.32	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				106		%
Zinc	66-2	4.39	4.50	4.43	4.44	1.34	ppb
Zirconium	90-1	0.02	0.02	0.00	0.02	59.32	ppb
Zirconium	91-1	0.01	0.02	0.00	0.01	104.53	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-03	Instrumnet Name :	P8
Client Sample ID :	C00W0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:23:47	DataFile Name :	055AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.12	5.62	5.72	5.82	4.54	ppb
Antimony	121-1	0.03	0.07	0.02	0.04	63.14	ppb
Arsenic	75-2	1.92	1.95	1.78	1.88	4.81	ppb
Barium	135-1	37.87	39.58	37.97	38.47	2.49	ppb
Barium	137-1	38.20	39.28	38.73	38.74	1.39	ppb
Beryllium	9-1	0.04	0.01	0.01	0.02	77.03	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Boron	10-1	31.38	31.89	34.94	32.74	5.88	ppb
Boron	11-1	31.93	31.79	35.14	32.95	5.75	ppb
Bromine	81-1						cps
Cadmium	111-1	0.02	0.04	0.01	0.03	53.66	ppb
Cadmium	106-1	0.32	-0.16	-0.40	-0.08		ppb
Cadmium	108-1	-0.15	-0.36	-0.32	-0.27		ppb
Calcium	43-1	21262.08	21504.77	21749.80	21505.55	1.13	ppb
Calcium	44-1	21078.34	21790.85	21820.30	21563.17	1.95	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.02	0.02	0.02	26.25	ppb
Cobalt	59-2	5.39	6.00	5.68	5.69	5.38	ppb
Copper	63-2	8.53	9.46	8.78	8.93	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				103		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	54-2	23921.77	26099.21	24416.46	24812.48	4.60	ppb
Iron	56-2	23514.06	26516.61	24955.08	24995.25	6.01	ppb
Iron	57-2	23589.57	25821.10	23726.18	24378.95	5.13	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-03	Instrumnet Name :	P8
Client Sample ID :	C00W0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:23:47	DataFile Name :	055AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.10	0.06	0.04	0.07	48.20	ppb
Lead	207-1	0.03	0.08	0.04	0.05	54.69	ppb
Lead	208-1	0.06	0.05	0.03	0.05	24.81	ppb
Lithium	6-1				112		%
Magnesium	24-2	9775.68	10732.64	9928.34	10145.55	5.07	ppb
Manganese	55-2	1683.07	1857.78	1784.32	1775.06	4.94	ppb
Molybdenum	94-1	0.05	0.07	0.04	0.05	36.43	ppb
Molybdenum	95-1	0.12	0.11	0.17	0.13	21.08	ppb
Molybdenum	96-1	0.21	0.25	0.32	0.26	22.28	ppb
Molybdenum	97-1	0.07	0.09	0.08	0.08	6.94	ppb
Molybdenum	98-1	0.09	0.11	0.08	0.09	15.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.13	7.74	7.45	7.44	4.12	ppb
Phosphorus	31-2	-46.57	-49.61	-56.79	-50.99		ppb
Potassium	39-2	2347.75	2681.37	2619.28	2549.47	6.96	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				105		%
Scandium	45-2				104		%
Selenium	82-1	1.03	0.72	1.31	1.02	28.98	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.05	2.72	-0.01	0.92	169.29	ppb
Silicon	28-1	3724.11	3828.59	3849.72	3800.81	1.77	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	18287.87	20272.09	18897.41	19152.46	5.31	ppb
Strontium	86-1	164.26	170.27	172.30	168.94	2.47	ppb
Strontium	88-1	165.86	169.67	174.17	169.90	2.45	ppb
Sulfur	34-1	20764.03	21041.80	21240.10	21015.31	1.14	ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	-0.13	-0.14	-0.13	-0.13		ppb
Thallium	205-1	-0.13	-0.14	-0.13	-0.13		ppb
Tin	118-1	-4.22	-4.25	-4.14	-4.20		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-03	Instrumnet Name :	P8
Client Sample ID :	C00W0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:23:47	DataFile Name :	055AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.43	0.36	0.40	0.39	9.38	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	12.61	ppb
Vanadium	51-2	0.04	0.05	0.03	0.04	28.86	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				103		%
Zinc	66-2	3.77	4.77	4.55	4.36	12.06	ppb
Zirconium	90-1	0.03	0.01	0.00	0.01	138.21	ppb
Zirconium	91-1	0.01	0.02	0.01	0.01	31.55	ppb

LB Number : LB117862 Operator : Jaswal
 Lab Sample ID : M5042-04 Instrumnet Name : P8
 Client Sample ID : C00W2 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-16 15:26:47 DataFile Name : 056AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.89	3.34	2.99	2.74	27.49	ppb
Antimony	121-1	0.08	0.07	0.06	0.07	12.81	ppb
Arsenic	75-2	7.05	7.24	7.91	7.40	6.15	ppb
Barium	135-1	39.42	38.21	39.64	39.09	1.97	ppb
Barium	137-1	38.55	39.05	39.59	39.07	1.33	ppb
Beryllium	9-1	0.03	0.01	0.02	0.02	31.43	ppb
Bismuth	209-1				100		%
Bismuth	209-2				102		%
Boron	10-1	32.31	32.00	33.59	32.63	2.59	ppb
Boron	11-1	31.51	32.56	35.24	33.10	5.80	ppb
Bromine	81-1						cps
Cadmium	111-1	0.08	0.01	0.05	0.05	71.95	ppb
Cadmium	106-1	1.82	1.04	0.34	1.07	69.73	ppb
Cadmium	108-1	0.14	-0.05	-0.31	-0.07		ppb
Calcium	43-1	31679.06	30827.54	32255.82	31587.47	2.27	ppb
Calcium	44-1	32100.75	30565.02	32384.34	31683.37	3.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.65	1.71	1.87	1.74	6.51	ppb
Cobalt	59-2	3.92	3.90	4.08	3.97	2.52	ppb
Copper	63-2	23.01	22.22	23.82	23.02	3.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				103		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	54-2	15624.81	15408.67	16762.22	15931.90	4.56	ppb
Iron	56-2	15692.42	15657.50	16774.02	16041.31	3.96	ppb
Iron	57-2	15815.88	15384.39	16606.78	15935.68	3.89	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-04	Instrumnet Name :	P8
Client Sample ID :	C00W2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:26:47	DataFile Name :	056AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.08	0.02	-0.02	0.02	208.41	ppb
Lead	207-1	0.01	0.00	0.02	0.01	62.05	ppb
Lead	208-1	0.04	0.01	0.01	0.02	100.65	ppb
Lithium	6-1				109		%
Magnesium	24-2	8742.70	8875.53	9480.00	9032.74	4.35	ppb
Manganese	55-2	1538.75	1551.01	1606.26	1565.34	2.30	ppb
Molybdenum	94-1	0.13	0.20	0.10	0.14	35.51	ppb
Molybdenum	95-1	0.23	0.29	0.21	0.24	15.43	ppb
Molybdenum	96-1	0.29	0.26	0.33	0.29	11.57	ppb
Molybdenum	97-1	0.15	0.19	0.14	0.16	18.10	ppb
Molybdenum	98-1	0.20	0.17	0.17	0.18	9.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.19	4.16	4.45	4.27	3.75	ppb
Phosphorus	31-2	48.61	38.33	62.49	49.81	24.35	ppb
Potassium	39-2	2753.47	2694.65	2838.93	2762.35	2.63	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				105		%
Selenium	82-1	0.41	0.69	0.82	0.64	32.65	ppb
Selenium	77-2	2.74	1.41	0.00	1.38	99.13	ppb
Selenium	78-2	0.94	0.72	1.31	0.99	29.98	ppb
Silicon	28-1	3474.94	3377.62	3491.99	3448.18	1.79	ppb
Silver	107-1	0.00	0.00	-0.01	-0.01		ppb
Silver	109-1	-0.01	-0.02	-0.01	-0.01		ppb
Sodium	23-2	14898.76	15127.56	16250.36	15425.56	4.69	ppb
Strontium	86-1	409.85	413.22	404.94	409.34	1.02	ppb
Strontium	88-1	405.16	404.42	407.51	405.69	0.40	ppb
Sulfur	34-1	21817.85	20461.58	20834.27	21037.90	3.33	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	-0.15	-0.11	-0.15	-0.14		ppb
Thallium	205-1	-0.14	-0.15	-0.16	-0.15		ppb
Tin	118-1	-4.18	-4.15	-4.15	-4.16		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-04	Instrumnet Name :	P8
Client Sample ID :	C00W2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:26:47	DataFile Name :	056AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.31	0.27	0.30	0.29	7.01	ppb
Uranium	238-1	0.01	0.02	0.02	0.02	20.91	ppb
Vanadium	51-2	0.05	0.02	0.02	0.03	60.65	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				103		%
Zinc	66-2	2.94	2.95	3.02	2.97	1.49	ppb
Zirconium	90-1	-0.01	0.02	0.00	0.00	322.95	ppb
Zirconium	91-1	0.00	0.05	0.03	0.03	97.06	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-05	Instrumnet Name :	P8
Client Sample ID :	C00W4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:29:46	DataFile Name :	057AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.87	2.58	2.83	3.09	22.20	ppb
Antimony	121-1	0.14	0.15	0.12	0.14	11.37	ppb
Arsenic	75-2	2.41	2.10	2.23	2.25	6.98	ppb
Barium	135-1	112.36	105.78	106.65	108.26	3.30	ppb
Barium	137-1	109.82	107.02	110.83	109.22	1.81	ppb
Beryllium	9-1	0.01	0.01	-0.03	0.00		ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Boron	10-1	26.11	25.89	27.08	26.36	2.41	ppb
Boron	11-1	25.87	25.63	27.13	26.21	3.07	ppb
Bromine	81-1						cps
Cadmium	111-1	0.08	0.04	0.02	0.05	66.58	ppb
Cadmium	106-1	2.83	-1.69	1.75	0.96	245.59	ppb
Cadmium	108-1	0.04	0.15	-0.20	0.00		ppb
Calcium	43-1	19137.22	19390.66	19753.80	19427.23	1.60	ppb
Calcium	44-1	19110.06	19183.20	19394.94	19229.40	0.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.71	0.64	0.53	0.63	14.30	ppb
Cobalt	59-2	1.54	1.42	1.32	1.43	7.65	ppb
Copper	63-2	2.36	1.92	2.00	2.09	11.23	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				99		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	54-2	3649.63	3346.95	3124.73	3373.77	7.81	ppb
Iron	56-2	3762.21	3492.05	3295.06	3516.44	6.67	ppb
Iron	57-2	3712.61	3335.28	3305.72	3451.20	6.57	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-05	Instrumnet Name :	P8
Client Sample ID :	C00W4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:29:46	DataFile Name :	057AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.05	0.03	0.08	0.05	44.03	ppb
Lead	207-1	0.06	0.03	0.03	0.04	42.18	ppb
Lead	208-1	0.06	0.04	0.04	0.04	22.85	ppb
Lithium	6-1				111		%
Magnesium	24-2	9278.37	8510.53	8363.66	8717.52	5.63	ppb
Manganese	55-2	536.29	488.83	459.71	494.94	7.81	ppb
Molybdenum	94-1	0.18	0.20	0.20	0.19	7.44	ppb
Molybdenum	95-1	0.29	0.27	0.28	0.28	4.88	ppb
Molybdenum	96-1	0.21	0.23	0.24	0.22	7.50	ppb
Molybdenum	97-1	0.24	0.22	0.23	0.23	5.44	ppb
Molybdenum	98-1	0.24	0.21	0.23	0.23	5.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.96	2.72	2.48	2.72	8.88	ppb
Phosphorus	31-2	-44.86	-69.13	-33.23	-49.07		ppb
Potassium	39-2	2793.93	2484.84	2343.18	2540.65	9.07	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				105		%
Scandium	45-2				101		%
Selenium	82-1	1.04	1.76	1.63	1.48	26.05	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.55	0.43	1.84	0.94	82.89	ppb
Silicon	28-1	3908.49	3963.96	3976.62	3949.69	0.92	ppb
Silver	107-1	-0.01	-0.01	0.00	-0.01		ppb
Silver	109-1	0.01	-0.01	-0.01	-0.01		ppb
Sodium	23-2	34533.15	31203.88	30587.53	32108.18	6.61	ppb
Strontium	86-1	280.57	283.15	294.40	286.04	2.57	ppb
Strontium	88-1	283.60	284.88	295.76	288.08	2.32	ppb
Sulfur	34-1	15267.97	16016.74	15968.22	15750.98	2.66	ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	-0.17	-0.14	-0.16	-0.16		ppb
Thallium	205-1	-0.15	-0.14	-0.14	-0.14		ppb
Tin	118-1	-4.10	-4.08	-4.05	-4.08		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-05	Instrumnet Name :	P8
Client Sample ID :	C00W4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:29:46	DataFile Name :	057AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.24	0.21	0.19	0.22	12.08	ppb
Uranium	238-1	0.05	0.04	0.04	0.04	13.88	ppb
Vanadium	51-2	0.03	0.01	0.00	0.01	143.64	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				100		%
Zinc	66-2	3.96	3.52	3.22	3.57	10.34	ppb
Zirconium	90-1	0.00	-0.01	0.02	0.00	292.75	ppb
Zirconium	91-1	0.03	0.03	0.00	0.02	79.65	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-06	Instrumnet Name :	P8
Client Sample ID :	C00W6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:32:48	DataFile Name :	058AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.68	6.33	6.41	6.47	2.85	ppb
Antimony	121-1	0.02	0.02	0.05	0.03	61.18	ppb
Arsenic	75-2	1.67	1.48	1.36	1.50	10.37	ppb
Barium	135-1	365.07	391.87	396.87	384.60	4.45	ppb
Barium	137-1	373.54	393.52	397.69	388.25	3.32	ppb
Beryllium	9-1	0.00	0.02	0.00	0.00	252.67	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Boron	10-1	50.66	53.00	55.70	53.12	4.75	ppb
Boron	11-1	48.67	52.44	53.95	51.69	5.26	ppb
Bromine	81-1						cps
Cadmium	111-1	0.03	0.03	0.00	0.02	73.21	ppb
Cadmium	106-1	-0.35	1.41	-0.60	0.15	715.01	ppb
Cadmium	108-1	0.20	0.05	-0.12	0.04	372.74	ppb
Calcium	43-1	30829.95	30865.08	32022.84	31239.29	2.17	ppb
Calcium	44-1	30018.03	29884.08	31186.47	30362.86	2.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.28	0.28	0.29	0.28	3.16	ppb
Cobalt	59-2	0.08	0.11	0.09	0.09	12.57	ppb
Copper	63-2	0.33	0.35	0.38	0.35	6.91	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				107		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				104		%
Iron	54-2	17869.10	17706.52	17953.90	17843.18	0.70	ppb
Iron	56-2	18451.72	18444.70	18624.37	18506.93	0.55	ppb
Iron	57-2	18240.51	18172.21	17868.98	18093.90	1.09	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-06	Instrumnet Name :	P8
Client Sample ID :	C00W6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:32:48	DataFile Name :	058AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.07	0.06	0.05	0.06	20.70	ppb
Lead	207-1	0.04	0.03	0.03	0.03	17.95	ppb
Lead	208-1	0.04	0.03	0.03	0.03	20.27	ppb
Lithium	6-1				117		%
Magnesium	24-2	8610.20	9103.09	8861.55	8858.28	2.78	ppb
Manganese	55-2	496.40	496.44	482.85	491.90	1.59	ppb
Molybdenum	94-1	0.60	0.75	0.71	0.69	11.06	ppb
Molybdenum	95-1	0.22	0.20	0.24	0.22	11.25	ppb
Molybdenum	96-1	0.37	0.35	0.35	0.36	2.37	ppb
Molybdenum	97-1	0.21	0.28	0.27	0.26	14.14	ppb
Molybdenum	98-1	0.23	0.23	0.22	0.23	2.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.13	1.14	1.24	1.17	5.47	ppb
Phosphorus	31-2	-12.27	-27.89	-54.43	-31.53		ppb
Potassium	39-2	4135.33	3982.87	3961.46	4026.55	2.35	ppb
Rhodium	103-1				102		%
Rhodium	103-2				106		%
Scandium	45-1				105		%
Scandium	45-2				107		%
Selenium	82-1	0.86	-0.69	0.51	0.23	362.17	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.51	0.73	0.46	0.23	287.22	ppb
Silicon	28-1	4666.73	4398.86	4689.64	4585.08	3.53	ppb
Silver	107-1	0.00	-0.01	-0.01	-0.01		ppb
Silver	109-1	-0.01	0.00	-0.01	-0.01		ppb
Sodium	23-2	19963.56	20222.89	19609.81	19932.09	1.54	ppb
Strontium	86-1	325.82	328.32	337.47	330.53	1.86	ppb
Strontium	88-1	329.82	329.95	331.21	330.33	0.23	ppb
Sulfur	34-1	2038.84	1656.43	2357.09	2017.45	17.39	ppb
Terbium	159-1				104		%
Terbium	159-2				106		%
Thallium	203-1	-0.15	-0.14	-0.16	-0.15		ppb
Thallium	205-1	-0.17	-0.15	-0.15	-0.15		ppb
Tin	118-1	-4.20	-4.12	-4.14	-4.15		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-06	Instrumnet Name :	P8
Client Sample ID :	C00W6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:32:48	DataFile Name :	058AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.27	0.31	0.32	0.30	9.36	ppb
Uranium	238-1	0.00	0.00	0.01	0.00	23.19	ppb
Vanadium	51-2	0.04	0.04	0.04	0.04	7.73	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	2.15	1.98	1.80	1.98	8.95	ppb
Zirconium	90-1	0.25	0.25	0.21	0.24	8.41	ppb
Zirconium	91-1	1.08	0.24	0.29	0.53	88.49	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-07	Instrumnet Name :	P8
Client Sample ID :	C00W8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:35:47	DataFile Name :	059AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.42	4.62	9.39	6.14	45.84	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	14.32	ppb
Arsenic	75-2	1.07	1.02	1.01	1.03	3.04	ppb
Barium	135-1	54.64	53.27	56.69	54.87	3.13	ppb
Barium	137-1	55.06	54.37	58.59	56.01	4.04	ppb
Beryllium	9-1	0.00	0.01	0.02	0.01	63.35	ppb
Bismuth	209-1				100		%
Bismuth	209-2				104		%
Boron	10-1	25.95	27.98	29.80	27.91	6.90	ppb
Boron	11-1	25.69	28.21	29.36	27.75	6.77	ppb
Bromine	81-1						cps
Cadmium	111-1	0.03	0.05	0.07	0.05	39.34	ppb
Cadmium	106-1	0.16	-0.41	2.53	0.76	205.06	ppb
Cadmium	108-1	-0.08	-0.32	-0.10	-0.17		ppb
Calcium	43-1	26084.46	24773.88	26485.69	25781.34	3.47	ppb
Calcium	44-1	24905.18	25449.32	26039.77	25464.76	2.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.53	0.58	0.60	0.57	6.73	ppb
Cobalt	59-2	2.52	2.49	2.56	2.52	1.43	ppb
Copper	63-2	17.39	17.09	17.05	17.18	1.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				107		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	54-2	12137.98	11647.84	11968.88	11918.23	2.09	ppb
Iron	56-2	12451.89	12530.29	12476.15	12486.11	0.32	ppb
Iron	57-2	11842.94	12163.18	11936.71	11980.94	1.37	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-07	Instrumnet Name :	P8
Client Sample ID :	C00W8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:35:47	DataFile Name :	059AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.03	0.03	0.03	0.03	4.94	ppb
Lead	207-1	0.01	-0.01	-0.02	-0.01		ppb
Lead	208-1	0.02	0.01	0.01	0.01	32.73	ppb
Lithium	6-1				112		%
Magnesium	24-2	12054.48	11995.19	11889.66	11979.78	0.70	ppb
Manganese	55-2	938.11	935.61	949.77	941.16	0.80	ppb
Molybdenum	94-1	0.03	0.00	-0.03	0.00		ppb
Molybdenum	95-1	0.06	0.05	0.05	0.05	15.29	ppb
Molybdenum	96-1	0.14	0.09	0.11	0.11	22.04	ppb
Molybdenum	97-1	0.05	0.07	0.06	0.06	15.79	ppb
Molybdenum	98-1	0.03	0.02	0.03	0.03	15.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.24	5.05	5.24	5.18	2.05	ppb
Phosphorus	31-2	0.83	12.53	5.46	6.27	93.92	ppb
Potassium	39-2	1853.15	1830.36	1843.20	1842.24	0.62	ppb
Rhodium	103-1				102		%
Rhodium	103-2				105		%
Scandium	45-1				103		%
Scandium	45-2				107		%
Selenium	82-1	1.12	0.84	-0.14	0.61	109.14	ppb
Selenium	77-2	1.37	0.00	2.75	1.37	100.11	ppb
Selenium	78-2	0.23	0.89	0.36	0.49	70.98	ppb
Silicon	28-1	4361.16	4257.99	4473.01	4364.05	2.46	ppb
Silver	107-1	0.00	-0.01	0.00	-0.01		ppb
Silver	109-1	-0.01	-0.02	-0.01	-0.01		ppb
Sodium	23-2	11924.42	12255.83	11794.84	11991.70	1.98	ppb
Strontium	86-1	337.01	333.24	333.09	334.45	0.66	ppb
Strontium	88-1	337.02	335.61	332.72	335.12	0.65	ppb
Sulfur	34-1	30961.58	28946.07	32016.14	30641.26	5.09	ppb
Terbium	159-1				102		%
Terbium	159-2				106		%
Thallium	203-1	-0.15	-0.16	-0.13	-0.15		ppb
Thallium	205-1	-0.16	-0.16	-0.15	-0.15		ppb
Tin	118-1	-4.19	-4.19	-4.15	-4.18		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-07	Instrumnet Name :	P8
Client Sample ID :	C00W8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:35:47	DataFile Name :	059AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.25	0.27	0.19	0.24	17.34	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	11.89	ppb
Vanadium	51-2	0.01	0.02	0.02	0.02	35.72	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	0.87	0.67	0.83	0.79	13.47	ppb
Zirconium	90-1	-0.01	0.01	0.00	0.00	4007.80	ppb
Zirconium	91-1	0.01	0.00	0.01	0.01	66.13	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-08	Instrumnet Name :	P8
Client Sample ID :	C00X0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:38:48	DataFile Name :	060AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.54	5.14	6.13	5.94	12.14	ppb
Antimony	121-1	0.02	0.01	0.03	0.02	36.17	ppb
Arsenic	75-2	0.18	0.22	0.21	0.20	9.76	ppb
Barium	135-1	389.58	396.25	419.62	401.82	3.93	ppb
Barium	137-1	400.13	402.56	417.42	406.70	2.30	ppb
Beryllium	9-1	-0.02	0.00	0.04	0.00	811.09	ppb
Bismuth	209-1				100		%
Bismuth	209-2				106		%
Boron	10-1	35.58	35.38	40.85	37.27	8.32	ppb
Boron	11-1	34.64	35.28	39.18	36.36	6.75	ppb
Bromine	81-1						cps
Cadmium	111-1	0.05	0.01	0.06	0.04	56.73	ppb
Cadmium	106-1	1.76	1.90	0.49	1.38	56.37	ppb
Cadmium	108-1	-0.13	-0.27	-0.16	-0.19		ppb
Calcium	43-1	20250.02	20546.83	21591.37	20796.08	3.39	ppb
Calcium	44-1	20324.24	20476.15	21261.63	20687.34	2.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.42	0.41	0.38	0.40	4.82	ppb
Cobalt	59-2	0.08	0.08	0.07	0.08	7.16	ppb
Copper	63-2	1.22	1.29	1.33	1.28	4.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				107		%
Indium	115-1				102		%
Indium	115-2				105		%
Iron	54-2	1849.50	1773.21	1783.60	1802.10	2.30	ppb
Iron	56-2	1899.28	1870.26	1911.33	1893.62	1.11	ppb
Iron	57-2	1870.81	1884.27	1810.25	1855.11	2.13	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-08	Instrumnet Name :	P8
Client Sample ID :	C00X0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:38:48	DataFile Name :	060AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.07	0.00	0.07	0.05	77.23	ppb
Lead	207-1	-0.02	-0.01	0.04	0.01	539.71	ppb
Lead	208-1	0.02	0.00	0.03	0.02	88.23	ppb
Lithium	6-1				112		%
Magnesium	24-2	7672.14	7717.00	7433.23	7607.46	2.01	ppb
Manganese	55-2	111.93	109.41	111.02	110.78	1.15	ppb
Molybdenum	94-1	0.19	0.13	0.26	0.20	31.57	ppb
Molybdenum	95-1	0.25	0.23	0.28	0.25	10.21	ppb
Molybdenum	96-1	0.16	0.12	0.22	0.17	29.06	ppb
Molybdenum	97-1	0.20	0.19	0.23	0.21	8.48	ppb
Molybdenum	98-1	0.20	0.18	0.23	0.21	13.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.08	1.16	1.38	1.21	13.12	ppb
Phosphorus	31-2	71.55	12.24	29.69	37.83	80.58	ppb
Potassium	39-2	2383.79	2305.92	2308.39	2332.70	1.90	ppb
Rhodium	103-1				99		%
Rhodium	103-2				106		%
Scandium	45-1				105		%
Scandium	45-2				108		%
Selenium	82-1	-0.02	0.48	-0.49	-0.01		ppb
Selenium	77-2	2.72	2.73	1.38	2.28	34.12	ppb
Selenium	78-2	1.26	-0.51	1.11	0.62	159.13	ppb
Silicon	28-1	4660.44	4726.34	4843.78	4743.52	1.96	ppb
Silver	107-1	-0.01	0.00	-0.01	-0.01		ppb
Silver	109-1	-0.01	-0.01	-0.01	-0.01		ppb
Sodium	23-2	39380.25	37487.50	37970.37	38279.38	2.57	ppb
Strontium	86-1	369.80	376.34	387.51	377.88	2.37	ppb
Strontium	88-1	367.68	369.15	397.92	378.25	4.51	ppb
Sulfur	34-1	10246.84	10884.18	11215.95	10782.32	4.57	ppb
Terbium	159-1				103		%
Terbium	159-2				107		%
Thallium	203-1	-0.14	-0.17	-0.17	-0.16		ppb
Thallium	205-1	-0.14	-0.15	-0.14	-0.14		ppb
Tin	118-1	-4.25	-4.27	-4.20	-4.24		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-08	Instrumnet Name :	P8
Client Sample ID :	C00X0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:38:48	DataFile Name :	060AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.42	0.33	0.26	0.34	23.53	ppb
Uranium	238-1	0.02	0.01	0.02	0.02	19.29	ppb
Vanadium	51-2	0.04	0.04	0.04	0.04	6.62	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	1.46	1.63	1.48	1.53	5.98	ppb
Zirconium	90-1	0.01	0.00	0.01	0.00	105.67	ppb
Zirconium	91-1	0.03	0.04	-0.01	0.02	139.55	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-09	Instrumnet Name :	P8
Client Sample ID :	C00X0D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:41:47	DataFile Name :	061AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.52	6.10	5.26	5.63	7.67	ppb
Antimony	121-1	0.03	0.02	0.05	0.03	51.12	ppb
Arsenic	75-2	0.16	0.13	0.23	0.17	27.28	ppb
Barium	135-1	413.39	398.05	391.05	400.83	2.85	ppb
Barium	137-1	426.35	395.76	398.78	406.97	4.14	ppb
Beryllium	9-1	-0.01	0.00	-0.01	0.00		ppb
Bismuth	209-1				101		%
Bismuth	209-2				107		%
Boron	10-1	41.43	38.60	39.78	39.94	3.55	ppb
Boron	11-1	39.99	39.89	39.56	39.81	0.57	ppb
Bromine	81-1						cps
Cadmium	111-1	0.00	0.06	0.08	0.05	90.59	ppb
Cadmium	106-1	-0.74	1.59	3.42	1.42	146.58	ppb
Cadmium	108-1	0.26	0.06	-0.13	0.06	306.11	ppb
Calcium	43-1	22733.03	21009.35	21082.44	21608.27	4.51	ppb
Calcium	44-1	22239.00	20606.43	20111.44	20985.62	5.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.12	1.04	1.00	1.05	5.95	ppb
Cobalt	59-2	0.10	0.09	0.08	0.09	13.26	ppb
Copper	63-2	0.60	0.59	0.58	0.59	1.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				108		%
Indium	115-1				101		%
Indium	115-2				104		%
Iron	54-2	1900.04	1830.54	1825.16	1851.91	2.26	ppb
Iron	56-2	2003.47	1914.14	1948.51	1955.37	2.30	ppb
Iron	57-2	1971.34	1862.24	1845.01	1892.86	3.62	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-09	Instrumnet Name :	P8
Client Sample ID :	C00X0D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:41:47	DataFile Name :	061AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.09	0.11	0.07	0.09	22.91	ppb
Lead	207-1	0.08	0.03	0.06	0.06	50.49	ppb
Lead	208-1	0.04	0.07	0.05	0.05	27.39	ppb
Lithium	6-1				108		%
Magnesium	24-2	7805.58	7422.47	7496.63	7574.89	2.68	ppb
Manganese	55-2	116.32	110.91	112.04	113.09	2.52	ppb
Molybdenum	94-1	0.25	0.21	0.19	0.22	14.07	ppb
Molybdenum	95-1	0.26	0.35	0.23	0.28	23.80	ppb
Molybdenum	96-1	0.17	0.28	0.20	0.22	25.61	ppb
Molybdenum	97-1	0.31	0.32	0.25	0.30	13.69	ppb
Molybdenum	98-1	0.25	0.21	0.21	0.22	10.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.80	1.59	1.50	1.63	9.66	ppb
Phosphorus	31-2	40.97	60.83	20.51	40.77	49.46	ppb
Potassium	39-2	2339.39	2251.19	2236.56	2275.71	2.44	ppb
Rhodium	103-1				100		%
Rhodium	103-2				107		%
Scandium	45-1				102		%
Scandium	45-2				108		%
Selenium	82-1	1.57	1.46	0.45	1.16	53.28	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.29	1.25	-0.16	0.27	321.36	ppb
Silicon	28-1	5247.90	4723.09	4857.05	4942.68	5.52	ppb
Silver	107-1	0.00	0.01	-0.01	0.00		ppb
Silver	109-1	0.00	0.00	-0.01	-0.01		ppb
Sodium	23-2	39917.05	36777.74	38435.45	38376.74	4.09	ppb
Strontium	86-1	402.54	375.47	369.03	382.35	4.65	ppb
Strontium	88-1	394.01	372.48	369.39	378.62	3.54	ppb
Sulfur	34-1	12309.56	10484.31	10833.32	11209.06	8.64	ppb
Terbium	159-1				101		%
Terbium	159-2				107		%
Thallium	203-1	-0.15	-0.15	-0.17	-0.16		ppb
Thallium	205-1	-0.16	-0.17	-0.14	-0.16		ppb
Tin	118-1	-4.24	-4.28	-4.27	-4.26		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-09	Instrumnet Name :	P8
Client Sample ID :	C00X0D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:41:47	DataFile Name :	061AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.32	0.49	0.37	0.39	22.96	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	10.47	ppb
Vanadium	51-2	0.05	0.03	0.04	0.04	22.60	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				108		%
Zinc	66-2	1.62	1.19	1.25	1.35	17.23	ppb
Zirconium	90-1	0.01	0.03	0.02	0.02	43.17	ppb
Zirconium	91-1	0.02	-0.01	0.04	0.02	127.00	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-08LX5	Instrumnet Name :	P8
Client Sample ID :	C00X0L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 15:44:48	DataFile Name :	062AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.50	0.56	0.39	0.48	17.32	ppb
Antimony	121-1	0.01	0.00	0.00	0.00	139.25	ppb
Arsenic	75-2	0.02	0.01	0.04	0.02	66.53	ppb
Barium	135-1	79.23	78.67	76.34	78.08	1.97	ppb
Barium	137-1	79.78	80.70	77.37	79.29	2.17	ppb
Beryllium	9-1	-0.01	0.01	-0.02	-0.01		ppb
Bismuth	209-1				103		%
Bismuth	209-2				104		%
Boron	10-1	13.58	13.67	13.43	13.56	0.91	ppb
Boron	11-1	14.12	13.87	13.84	13.94	1.12	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.03	0.00	-0.04	-0.02		ppb
Cadmium	106-1	2.90	2.60	1.83	2.44	22.55	ppb
Cadmium	108-1	0.26	-0.39	0.01	-0.04		ppb
Calcium	43-1	3984.50	4047.00	4056.24	4029.25	0.97	ppb
Calcium	44-1	3974.58	4138.72	4035.20	4049.50	2.05	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.07	0.04	0.08	0.06	37.63	ppb
Cobalt	59-2	0.01	-0.01	0.01	0.00	289.48	ppb
Copper	63-2	0.21	0.21	0.23	0.21	6.31	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				105		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				103		%
Iron	54-2	358.67	329.68	349.00	345.78	4.27	ppb
Iron	56-2	367.11	357.93	352.05	359.03	2.11	ppb
Iron	57-2	355.33	373.21	339.03	355.86	4.80	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-08LX5	Instrumnet Name :	P8
Client Sample ID :	C00X0L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 15:44:48	DataFile Name :	062AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	-0.01	0.00	0.05	0.01	249.39	ppb
Lead	207-1	-0.01	0.03	-0.01	0.00	1215.78	ppb
Lead	208-1	-0.02	0.01	0.01	0.00	617.73	ppb
Lithium	6-1				109		%
Magnesium	24-2	1475.12	1443.02	1436.88	1451.68	1.41	ppb
Manganese	55-2	21.97	20.58	20.91	21.15	3.43	ppb
Molybdenum	94-1	-0.01	-0.03	0.03	0.00		ppb
Molybdenum	95-1	0.04	0.03	0.06	0.04	47.01	ppb
Molybdenum	96-1	-0.03	-0.03	-0.02	-0.02		ppb
Molybdenum	97-1	0.08	0.05	0.08	0.07	18.52	ppb
Molybdenum	98-1	0.04	0.01	0.03	0.03	61.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.29	0.18	0.25	0.24	23.19	ppb
Phosphorus	31-2	-13.55	-41.77	-10.51	-21.95		ppb
Potassium	39-2	457.85	430.43	439.36	442.55	3.16	ppb
Rhodium	103-1				101		%
Rhodium	103-2				106		%
Scandium	45-1				104		%
Scandium	45-2				106		%
Selenium	82-1	-0.64	0.03	1.15	0.18	505.94	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.25	0.99	1.45	0.90	67.16	ppb
Silicon	28-1	894.35	893.93	932.54	906.94	2.44	ppb
Silver	107-1	-0.01	0.00	0.00	0.00		ppb
Silver	109-1	0.01	-0.01	-0.01	0.00		ppb
Sodium	23-2	7759.16	7349.98	7536.09	7548.41	2.71	ppb
Strontium	86-1	72.02	73.14	75.63	73.60	2.51	ppb
Strontium	88-1	72.51	73.86	74.53	73.63	1.40	ppb
Sulfur	34-1	1390.97	1769.68	1704.28	1621.65	12.48	ppb
Terbium	159-1				101		%
Terbium	159-2				104		%
Thallium	203-1	-0.18	-0.13	-0.14	-0.15		ppb
Thallium	205-1	-0.19	-0.15	-0.15	-0.16		ppb
Tin	118-1	-2.12	-2.16	-2.20	-2.16		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-08LX5	Instrumnet Name :	P8
Client Sample ID :	C00X0L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 15:44:48	DataFile Name :	062AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.05	0.03	0.15	0.04	247.97	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	48.11	ppb
Vanadium	51-2	0.01	0.00	0.01	0.01	101.36	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	0.59	0.40	0.34	0.44	30.21	ppb
Zirconium	90-1	-0.01	-0.01	0.00	0.00		ppb
Zirconium	91-1	-0.01	-0.01	0.02	0.00		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-10	Instrumnet Name :	P8
Client Sample ID :	C00X0S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:47:49	DataFile Name :	063AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2106.68	2089.21	2047.89	2081.26	1.45	ppb
Antimony	121-1	112.22	109.54	107.64	109.80	2.10	ppb
Arsenic	75-2	44.71	43.68	41.85	43.41	3.33	ppb
Barium	135-1	2614.96	2564.52	2497.21	2558.90	2.31	ppb
Barium	137-1	2555.28	2566.96	2456.11	2526.12	2.41	ppb
Beryllium	9-1	53.52	55.03	55.31	54.62	1.76	ppb
Bismuth	209-1				101		%
Bismuth	209-2				106		%
Boron	10-1	34.13	36.30	36.55	35.66	3.74	ppb
Boron	11-1	32.76	36.46	36.20	35.14	5.88	ppb
Bromine	81-1						cps
Cadmium	111-1	58.84	57.03	54.79	56.89	3.56	ppb
Cadmium	106-1	47.18	47.29	39.56	44.68	9.93	ppb
Cadmium	108-1	47.45	47.50	47.08	47.34	0.49	ppb
Calcium	43-1	21267.01	21081.23	21868.84	21405.69	1.92	ppb
Calcium	44-1	21076.63	20984.45	20646.74	20902.61	1.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	210.58	210.37	206.20	209.05	1.18	ppb
Cobalt	59-2	560.87	538.08	539.93	546.29	2.32	ppb
Copper	63-2	265.41	260.90	259.95	262.09	1.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				107		%
Indium	115-1				102		%
Indium	115-2				105		%
Iron	54-2	3152.09	3058.32	3081.88	3097.43	1.57	ppb
Iron	56-2	3042.04	2978.12	2970.15	2996.77	1.32	ppb
Iron	57-2	2948.35	2875.54	2902.90	2908.93	1.26	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-10	Instrumnet Name :	P8
Client Sample ID :	C00X0S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:47:49	DataFile Name :	063AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	20.53	20.24	19.85	20.20	1.68	ppb
Lead	207-1	21.06	21.04	20.07	20.72	2.75	ppb
Lead	208-1	20.60	20.43	19.80	20.28	2.09	ppb
Lithium	6-1				109		%
Magnesium	24-2	7647.55	7652.12	7445.81	7581.83	1.55	ppb
Manganese	55-2	636.63	633.79	609.95	626.79	2.34	ppb
Molybdenum	94-1	0.12	0.21	0.14	0.16	28.73	ppb
Molybdenum	95-1	0.21	0.24	0.24	0.23	8.09	ppb
Molybdenum	96-1	0.17	0.18	0.15	0.17	10.29	ppb
Molybdenum	97-1	0.15	0.18	0.21	0.18	16.73	ppb
Molybdenum	98-1	0.23	0.22	0.25	0.23	5.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	554.31	552.32	531.68	546.10	2.29	ppb
Phosphorus	31-2	103.91	21.31	79.91	68.38	62.14	ppb
Potassium	39-2	2362.54	2269.66	2324.95	2319.05	2.01	ppb
Rhodium	103-1				100		%
Rhodium	103-2				107		%
Scandium	45-1				103		%
Scandium	45-2				107		%
Selenium	82-1	108.03	105.61	108.26	107.30	1.37	ppb
Selenium	77-2	102.85	123.95	103.11	109.97	11.01	ppb
Selenium	78-2	109.61	105.97	107.88	107.82	1.69	ppb
Silicon	28-1	4916.56	4839.96	5093.57	4950.03	2.63	ppb
Silver	107-1	68.62	66.95	63.69	66.42	3.77	ppb
Silver	109-1	66.72	67.43	65.24	66.46	1.68	ppb
Sodium	23-2	38461.42	38746.01	37766.45	38324.63	1.31	ppb
Strontium	86-1	387.37	388.02	380.19	385.19	1.13	ppb
Strontium	88-1	375.52	374.37	381.65	377.18	1.04	ppb
Sulfur	34-1	11138.58	11047.22	11703.65	11296.48	3.15	ppb
Terbium	159-1				103		%
Terbium	159-2				105		%
Thallium	203-1	51.67	50.88	50.40	50.98	1.25	ppb
Thallium	205-1	51.31	52.50	50.68	51.50	1.80	ppb
Tin	118-1	-4.25	-4.19	-4.12	-4.18		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-10	Instrumnet Name :	P8
Client Sample ID :	C00X0S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:47:49	DataFile Name :	063AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.38	0.35	0.41	0.38	7.83	ppb
Uranium	238-1	0.02	0.01	0.01	0.02	19.59	ppb
Vanadium	51-2	542.58	531.35	530.03	534.65	1.29	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				107		%
Zinc	66-2	551.50	554.84	526.97	544.44	2.80	ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	40.35	ppb
Zirconium	91-1	0.06	0.01	0.05	0.04	60.76	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-11	Instrumnet Name :	P8
Client Sample ID :	C00X3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:50:47	DataFile Name :	064AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.58	2.10	2.18	2.62	31.73	ppb
Antimony	121-1	0.03	0.03	0.03	0.03	14.09	ppb
Arsenic	75-2	-0.01	-0.01	-0.01	-0.01		ppb
Barium	135-1	0.96	0.70	0.62	0.76	22.96	ppb
Barium	137-1	0.96	0.70	0.56	0.74	26.93	ppb
Beryllium	9-1	0.01	0.01	-0.01	0.00	14875.79	ppb
Bismuth	209-1				103		%
Bismuth	209-2				106		%
Boron	10-1	7.67	7.20	7.71	7.53	3.73	ppb
Boron	11-1	7.76	7.44	7.16	7.45	3.98	ppb
Bromine	81-1						cps
Cadmium	111-1	0.05	0.02	0.03	0.03	40.87	ppb
Cadmium	106-1	0.07	-1.01	-1.07	-0.67		ppb
Cadmium	108-1	-0.02	-0.17	-0.36	-0.18		ppb
Calcium	43-1	35.26	29.77	26.72	30.58	14.14	ppb
Calcium	44-1	34.91	33.24	30.06	32.74	7.53	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.27	0.19	0.30	0.25	22.42	ppb
Cobalt	59-2	0.09	0.04	0.06	0.07	38.60	ppb
Copper	63-2	1.02	1.03	1.05	1.03	1.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	54-2	6.08	4.55	4.78	5.14	16.04	ppb
Iron	56-2	6.77	5.97	6.19	6.31	6.60	ppb
Iron	57-2	5.78	1.50	7.31	4.86	61.90	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-11	Instrumnet Name :	P8
Client Sample ID :	C00X3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:50:47	DataFile Name :	064AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.00	0.03	0.00	0.01	175.56	ppb
Lead	207-1	0.01	0.00	0.03	0.02	97.09	ppb
Lead	208-1	-0.01	0.01	0.01	0.00	643.03	ppb
Lithium	6-1				113		%
Magnesium	24-2	4.92	4.93	4.91	4.92	0.19	ppb
Manganese	55-2	0.63	0.42	0.48	0.51	21.38	ppb
Molybdenum	94-1	-0.03	-0.08	-0.02	-0.04		ppb
Molybdenum	95-1	0.03	0.02	0.01	0.02	46.75	ppb
Molybdenum	96-1	-0.03	-0.03	-0.03	-0.03		ppb
Molybdenum	97-1	0.05	0.02	0.03	0.03	49.82	ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	10.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.23	0.15	0.10	0.16	43.72	ppb
Phosphorus	31-2	-48.56	-45.80	-22.05	-38.80		ppb
Potassium	39-2	22.62	20.01	20.03	20.89	7.18	ppb
Rhodium	103-1				101		%
Rhodium	103-2				107		%
Scandium	45-1				103		%
Scandium	45-2				105		%
Selenium	82-1	0.69	1.00	-0.31	0.46	148.18	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.51	0.72	0.12	0.11	555.53	ppb
Silicon	28-1	0.46	3.70	1.30	1.82	92.44	ppb
Silver	107-1	0.05	0.05	0.03	0.04	29.74	ppb
Silver	109-1	0.08	0.05	0.02	0.05	59.83	ppb
Sodium	23-2	66.81	60.23	64.39	63.81	5.22	ppb
Strontium	86-1	0.24	0.33	0.29	0.29	15.99	ppb
Strontium	88-1	0.28	0.22	0.20	0.23	17.90	ppb
Sulfur	34-1	-626.38	-525.08	-656.96	-602.81		ppb
Terbium	159-1				102		%
Terbium	159-2				105		%
Thallium	203-1	-0.14	-0.14	-0.14	-0.14		ppb
Thallium	205-1	-0.14	-0.14	-0.14	-0.14		ppb
Tin	118-1	-4.13	-4.07	-4.14	-4.11		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-11	Instrumnet Name :	P8
Client Sample ID :	C00X3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:50:47	DataFile Name :	064AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.04	0.12	0.05	0.07	66.62	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	134.54	ppb
Vanadium	51-2	0.07	0.05	0.07	0.06	16.30	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				107		%
Zinc	66-2	2.33	1.38	1.61	1.77	28.04	ppb
Zirconium	90-1	0.01	0.01	-0.01	0.00	270.85	ppb
Zirconium	91-1	-0.01	0.01	-0.02	-0.01		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-12	Instrumnet Name :	P8
Client Sample ID :	C00X5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:53:49	DataFile Name :	065AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.06	5.50	4.15	5.24	18.76	ppb
Antimony	121-1	0.04	0.03	0.05	0.04	28.06	ppb
Arsenic	75-2	2.60	2.54	2.28	2.48	7.00	ppb
Barium	135-1	88.09	88.51	84.59	87.06	2.47	ppb
Barium	137-1	90.47	87.90	85.53	87.97	2.81	ppb
Beryllium	9-1	-0.03	-0.01	0.01	-0.01		ppb
Bismuth	209-1				102		%
Bismuth	209-2				108		%
Boron	10-1	23.52	24.79	25.43	24.58	3.96	ppb
Boron	11-1	22.56	24.73	25.76	24.35	6.71	ppb
Bromine	81-1						cps
Cadmium	111-1	0.03	0.01	-0.03	0.01	552.08	ppb
Cadmium	106-1	1.66	-2.12	-3.67	-1.38		ppb
Cadmium	108-1	-0.45	-0.19	-0.25	-0.29		ppb
Calcium	43-1	29912.31	30046.51	30150.40	30036.41	0.40	ppb
Calcium	44-1	29991.03	29361.95	29732.24	29695.08	1.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.18	0.16	0.12	0.15	19.34	ppb
Cobalt	59-2	0.16	0.13	0.11	0.14	19.08	ppb
Copper	63-2	0.06	0.07	0.05	0.06	20.34	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				103		%
Holmium	165-2				107		%
Indium	115-1				103		%
Indium	115-2				106		%
Iron	54-2	10022.94	9414.66	9067.53	9501.71	5.09	ppb
Iron	56-2	9884.12	9541.51	9389.91	9605.18	2.64	ppb
Iron	57-2	9863.43	9389.65	9070.59	9441.22	4.23	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-12	Instrumnet Name :	P8
Client Sample ID :	C00X5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:53:49	DataFile Name :	065AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.05	0.03	0.04	0.04	24.77	ppb
Lead	207-1	-0.04	-0.01	0.02	-0.01		ppb
Lead	208-1	0.00	0.01	0.03	0.01	107.79	ppb
Lithium	6-1				111		%
Magnesium	24-2	11446.55	10880.65	10491.77	10939.66	4.39	ppb
Manganese	55-2	519.66	499.62	486.47	501.92	3.33	ppb
Molybdenum	94-1	0.22	0.16	0.26	0.21	24.50	ppb
Molybdenum	95-1	0.17	0.23	0.18	0.19	16.81	ppb
Molybdenum	96-1	0.23	0.24	0.30	0.26	15.66	ppb
Molybdenum	97-1	0.20	0.24	0.17	0.20	15.80	ppb
Molybdenum	98-1	0.18	0.19	0.22	0.20	11.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.83	0.73	0.66	0.74	11.74	ppb
Phosphorus	31-2	-28.34	66.98	-14.76	7.96	647.80	ppb
Potassium	39-2	2736.42	2513.54	2439.66	2563.21	6.03	ppb
Rhodium	103-1				100		%
Rhodium	103-2				109		%
Scandium	45-1				102		%
Scandium	45-2				110		%
Selenium	82-1	1.40	-0.50	1.63	0.84	138.26	ppb
Selenium	77-2	1.39	0.00	0.00	0.46	173.21	ppb
Selenium	78-2	0.41	0.37	1.40	0.73	80.00	ppb
Silicon	28-1	4187.72	4051.10	4112.15	4116.99	1.66	ppb
Silver	107-1	0.02	0.00	0.02	0.01	82.47	ppb
Silver	109-1	0.00	0.00	0.00	0.00	127.99	ppb
Sodium	23-2	14263.82	13900.00	13199.77	13787.86	3.92	ppb
Strontium	86-1	411.70	423.31	406.52	413.84	2.08	ppb
Strontium	88-1	400.33	405.99	407.75	404.69	0.96	ppb
Sulfur	34-1	22453.51	17289.56	16960.44	18901.17	16.30	ppb
Terbium	159-1				106		%
Terbium	159-2				109		%
Thallium	203-1	-0.16	-0.18	-0.18	-0.17		ppb
Thallium	205-1	-0.18	-0.16	-0.17	-0.17		ppb
Tin	118-1	-4.18	-4.25	-4.17	-4.20		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-12	Instrumnet Name :	P8
Client Sample ID :	C00X5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:53:49	DataFile Name :	065AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.30	0.48	0.24	0.34	36.64	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	17.88	ppb
Vanadium	51-2	0.03	0.04	0.05	0.04	28.18	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				109		%
Zinc	66-2	3.19	3.03	2.72	2.98	8.04	ppb
Zirconium	90-1	0.03	0.02	0.03	0.03	21.83	ppb
Zirconium	91-1	0.03	0.00	0.01	0.01	129.01	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-13	Instrumnet Name :	P8
Client Sample ID :	C00X7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:56:49	DataFile Name :	066AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.33	3.61	3.01	3.65	18.13	ppb
Antimony	121-1	0.00	0.01	0.00	0.00	90.98	ppb
Arsenic	75-2	0.44	0.51	0.54	0.50	9.92	ppb
Barium	135-1	50.04	49.07	49.77	49.63	1.01	ppb
Barium	137-1	50.11	50.15	50.35	50.20	0.25	ppb
Beryllium	9-1	0.00	-0.04	-0.02	-0.02		ppb
Bismuth	209-1				102		%
Bismuth	209-2				103		%
Boron	10-1	21.89	24.64	22.85	23.13	6.03	ppb
Boron	11-1	22.06	23.18	23.48	22.90	3.27	ppb
Bromine	81-1						cps
Cadmium	111-1	0.01	0.02	0.04	0.02	67.17	ppb
Cadmium	106-1	0.89	-0.44	1.15	0.53	160.02	ppb
Cadmium	108-1	-0.32	-0.18	0.01	-0.16		ppb
Calcium	43-1	25742.63	26269.30	26959.01	26323.65	2.32	ppb
Calcium	44-1	25722.76	26187.96	26245.92	26052.21	1.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.24	0.23	0.20	0.22	10.40	ppb
Cobalt	59-2	0.04	0.03	0.04	0.04	10.51	ppb
Copper	63-2	0.84	0.86	0.79	0.83	4.45	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				104		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	54-2	6102.41	5868.37	5562.86	5844.54	4.63	ppb
Iron	56-2	6014.92	6081.22	5908.93	6001.69	1.45	ppb
Iron	57-2	6001.17	6043.13	5802.43	5948.91	2.16	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-13	Instrumnet Name :	P8
Client Sample ID :	C00X7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:56:49	DataFile Name :	066AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.00	0.04	0.02	0.02	88.19	ppb
Lead	207-1	0.01	-0.02	-0.02	-0.01		ppb
Lead	208-1	0.00	0.01	0.00	0.00	495.70	ppb
Lithium	6-1				113		%
Magnesium	24-2	10748.57	10167.21	10188.40	10368.06	3.18	ppb
Manganese	55-2	412.45	409.48	391.00	404.31	2.87	ppb
Molybdenum	94-1	0.04	0.08	0.01	0.04	79.41	ppb
Molybdenum	95-1	0.09	0.09	0.06	0.08	20.56	ppb
Molybdenum	96-1	0.07	0.03	0.02	0.04	59.43	ppb
Molybdenum	97-1	0.02	0.07	0.06	0.05	49.81	ppb
Molybdenum	98-1	0.08	0.08	0.05	0.07	20.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.66	0.70	0.68	0.68	3.43	ppb
Phosphorus	31-2	-3.40	-0.70	11.51	2.47	321.31	ppb
Potassium	39-2	1864.77	1833.76	1767.02	1821.85	2.74	ppb
Rhodium	103-1				104		%
Rhodium	103-2				106		%
Scandium	45-1				105		%
Scandium	45-2				105		%
Selenium	82-1	0.54	-0.65	0.56	0.15	460.84	ppb
Selenium	77-2	1.39	0.00	1.37	0.92	86.61	ppb
Selenium	78-2	1.17	-0.29	-1.09	-0.07		ppb
Silicon	28-1	4112.96	4115.11	4383.03	4203.70	3.69	ppb
Silver	107-1	0.00	0.01	0.01	0.01	50.23	ppb
Silver	109-1	0.00	0.00	0.00	0.00	638.02	ppb
Sodium	23-2	16918.29	16392.59	15607.62	16306.17	4.05	ppb
Strontium	86-1	386.45	390.64	378.63	385.24	1.58	ppb
Strontium	88-1	385.59	387.18	378.67	383.82	1.18	ppb
Sulfur	34-1	17456.58	18593.00	18310.50	18120.02	3.27	ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	-0.17	-0.15	-0.17	-0.17		ppb
Thallium	205-1	-0.15	-0.16	-0.18	-0.16		ppb
Tin	118-1	-4.24	-4.16	-4.21	-4.21		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-13	Instrumnet Name :	P8
Client Sample ID :	C00X7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:56:49	DataFile Name :	066AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.39	0.36	0.32	0.36	10.24	ppb
Uranium	238-1	0.00	0.00	0.01	0.00	36.61	ppb
Vanadium	51-2	0.03	0.02	0.04	0.03	26.90	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	3.95	3.95	3.87	3.92	1.14	ppb
Zirconium	90-1	-0.01	0.00	0.02	0.00	431.47	ppb
Zirconium	91-1	0.00	-0.01	-0.01	-0.01		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-14	Instrumnet Name :	P8
Client Sample ID :	C00X9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:59:47	DataFile Name :	067AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.91	4.70	3.91	4.18	10.92	ppb
Antimony	121-1	0.00	0.03	0.00	0.01	174.13	ppb
Arsenic	75-2	0.10	0.17	0.12	0.13	29.16	ppb
Barium	135-1	59.09	61.34	61.36	60.59	2.15	ppb
Barium	137-1	57.98	60.67	62.66	60.44	3.89	ppb
Beryllium	9-1	-0.02	0.01	0.00	0.00		ppb
Bismuth	209-1				102		%
Bismuth	209-2				106		%
Boron	10-1	17.97	19.70	20.18	19.28	6.03	ppb
Boron	11-1	17.04	18.99	19.80	18.61	7.64	ppb
Bromine	81-1						cps
Cadmium	111-1	0.00	0.06	0.00	0.02	206.21	ppb
Cadmium	106-1	1.85	2.80	0.14	1.60	84.25	ppb
Cadmium	108-1	-0.19	0.00	-0.02	-0.07		ppb
Calcium	43-1	24897.56	24547.24	26547.79	25330.86	4.22	ppb
Calcium	44-1	24651.03	24872.76	26382.64	25302.14	3.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.43	0.35	0.24	0.34	27.73	ppb
Cobalt	59-2	2.93	2.98	3.01	2.97	1.37	ppb
Copper	63-2	3.98	3.88	3.84	3.90	1.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				107		%
Indium	115-1				103		%
Indium	115-2				105		%
Iron	54-2	8240.70	8061.97	8120.73	8141.13	1.12	ppb
Iron	56-2	8500.31	8358.93	8375.13	8411.46	0.92	ppb
Iron	57-2	8336.51	8355.73	8275.41	8322.55	0.50	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-14	Instrumnet Name :	P8
Client Sample ID :	C00X9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:59:47	DataFile Name :	067AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.04	0.07	0.08	0.06	34.68	ppb
Lead	207-1	0.02	-0.01	-0.02	-0.01		ppb
Lead	208-1	0.01	0.03	0.03	0.02	62.15	ppb
Lithium	6-1				111		%
Magnesium	24-2	12371.63	12416.85	12149.35	12312.61	1.16	ppb
Manganese	55-2	924.57	928.04	904.31	918.97	1.40	ppb
Molybdenum	94-1	0.15	0.15	0.12	0.14	12.63	ppb
Molybdenum	95-1	0.22	0.24	0.21	0.22	8.12	ppb
Molybdenum	96-1	0.20	0.17	0.25	0.20	19.79	ppb
Molybdenum	97-1	0.19	0.24	0.12	0.19	31.13	ppb
Molybdenum	98-1	0.15	0.15	0.19	0.16	15.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.88	3.66	3.90	3.81	3.43	ppb
Phosphorus	31-2	-28.63	-15.24	63.54	6.56	759.51	ppb
Potassium	39-2	2290.88	2308.82	2328.51	2309.40	0.82	ppb
Rhodium	103-1				101		%
Rhodium	103-2				108		%
Scandium	45-1				104		%
Scandium	45-2				107		%
Selenium	82-1	0.76	-0.39	1.27	0.55	154.99	ppb
Selenium	77-2	1.37	1.37	0.00	0.91	86.60	ppb
Selenium	78-2	-0.73	0.22	-0.58	-0.36		ppb
Silicon	28-1	5879.03	5757.54	6236.40	5957.66	4.18	ppb
Silver	107-1	0.00	0.00	0.01	0.00	276.70	ppb
Silver	109-1	-0.01	0.01	0.00	0.00		ppb
Sodium	23-2	15170.54	15139.44	14967.89	15092.62	0.72	ppb
Strontium	86-1	319.07	321.39	339.20	326.56	3.37	ppb
Strontium	88-1	321.97	322.97	342.04	328.99	3.44	ppb
Sulfur	34-1	27378.66	27286.95	28538.28	27734.63	2.51	ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	-0.18	-0.18	-0.14	-0.17		ppb
Thallium	205-1	-0.16	-0.16	-0.17	-0.16		ppb
Tin	118-1	-4.28	-4.20	-4.23	-4.24		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-14	Instrumnet Name :	P8
Client Sample ID :	C00X9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:59:47	DataFile Name :	067AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.39	0.51	0.44	0.45	14.38	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	14.98	ppb
Vanadium	51-2	0.03	0.02	0.03	0.03	20.66	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				107		%
Zinc	66-2	2.28	2.69	2.23	2.40	10.38	ppb
Zirconium	90-1	0.01	0.01	0.03	0.02	78.44	ppb
Zirconium	91-1	0.02	0.01	0.00	0.01	70.32	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-15	Instrumnet Name :	P8
Client Sample ID :	C00Y1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 16:02:48	DataFile Name :	068AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.27	5.89	5.38	5.51	6.03	ppb
Antimony	121-1	0.01	0.02	0.01	0.01	82.24	ppb
Arsenic	75-2	0.51	0.62	0.66	0.60	12.30	ppb
Barium	135-1	150.49	160.51	155.55	155.51	3.22	ppb
Barium	137-1	154.05	162.42	156.48	157.65	2.73	ppb
Beryllium	9-1	-0.02	-0.03	0.02	-0.01		ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Boron	10-1	18.47	22.93	23.20	21.53	12.32	ppb
Boron	11-1	19.31	23.26	23.57	22.05	10.75	ppb
Bromine	81-1						cps
Cadmium	111-1	0.02	0.01	0.02	0.02	33.02	ppb
Cadmium	106-1	-0.92	0.32	3.30	0.90	240.42	ppb
Cadmium	108-1	-0.10	0.07	-0.08	-0.04		ppb
Calcium	43-1	15057.74	14801.30	14455.74	14771.59	2.05	ppb
Calcium	44-1	14323.02	14649.93	14664.70	14545.89	1.33	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.14	1.10	0.89	1.04	12.88	ppb
Cobalt	59-2	0.10	0.08	0.08	0.09	16.35	ppb
Copper	63-2	0.11	0.12	0.10	0.11	11.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				103		%
Iron	54-2	19187.16	18971.10	18470.64	18876.30	1.95	ppb
Iron	56-2	20469.96	19871.13	19893.23	20078.11	1.69	ppb
Iron	57-2	19675.52	19490.04	19121.38	19428.98	1.45	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-15	Instrumnet Name :	P8
Client Sample ID :	C00Y1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 16:02:48	DataFile Name :	068AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.03	0.02	0.03	0.02	24.45	ppb
Lead	207-1	0.00	0.02	-0.02	0.00		ppb
Lead	208-1	-0.01	0.01	0.00	0.00		ppb
Lithium	6-1				111		%
Magnesium	24-2	8002.51	7765.22	7606.83	7791.52	2.56	ppb
Manganese	55-2	1059.50	1012.05	985.90	1019.15	3.66	ppb
Molybdenum	94-1	0.11	0.10	0.05	0.09	36.39	ppb
Molybdenum	95-1	0.10	0.19	0.11	0.13	37.96	ppb
Molybdenum	96-1	0.25	0.27	0.25	0.25	4.26	ppb
Molybdenum	97-1	0.18	0.18	0.14	0.17	12.14	ppb
Molybdenum	98-1	0.13	0.15	0.09	0.12	23.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.58	1.29	1.26	1.37	12.79	ppb
Phosphorus	31-2	92.23	28.88	5.54	42.21	106.27	ppb
Potassium	39-2	1855.47	1862.37	1834.81	1850.88	0.77	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	82-1	1.22	1.31	2.14	1.56	32.60	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.00	0.62	0.57	0.40	86.39	ppb
Silicon	28-1	4232.26	4018.13	4065.93	4105.44	2.74	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	-0.01	-0.01	0.00	-0.01		ppb
Sodium	23-2	21596.65	20989.50	20230.48	20938.88	3.27	ppb
Strontium	86-1	119.11	122.92	122.99	121.67	1.82	ppb
Strontium	88-1	120.93	123.25	126.76	123.65	2.37	ppb
Sulfur	34-1	11143.51	10493.00	9943.68	10526.73	5.71	ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	-0.14	-0.18	-0.14	-0.15		ppb
Thallium	205-1	-0.17	-0.17	-0.17	-0.17		ppb
Tin	118-1	-4.15	-4.22	-4.21	-4.19		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-15	Instrumnet Name :	P8
Client Sample ID :	C00Y1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 16:02:48	DataFile Name :	068AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.26	0.28	0.36	0.30	18.27	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	13.95	ppb
Vanadium	51-2	0.09	0.08	0.07	0.08	12.94	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	2.98	3.19	3.14	3.10	3.62	ppb
Zirconium	90-1	0.00	0.02	0.01	0.01	79.23	ppb
Zirconium	91-1	0.00	0.04	0.02	0.02	93.30	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-16	Instrumnet Name :	P8
Client Sample ID :	C00Y3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 16:05:47	DataFile Name :	069AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.11	3.38	4.29	3.93	12.30	ppb
Antimony	121-1	0.02	0.02	0.03	0.02	22.08	ppb
Arsenic	75-2	-0.05	-0.04	-0.03	-0.04		ppb
Barium	135-1	0.13	0.15	0.12	0.14	12.99	ppb
Barium	137-1	0.23	0.16	0.20	0.20	17.85	ppb
Beryllium	9-1	-0.03	-0.01	-0.03	-0.02		ppb
Bismuth	209-1				100		%
Bismuth	209-2				103		%
Boron	10-1	5.82	4.93	5.08	5.28	8.99	ppb
Boron	11-1	4.92	4.98	5.25	5.05	3.53	ppb
Bromine	81-1						cps
Cadmium	111-1	0.04	0.07	0.01	0.04	70.35	ppb
Cadmium	106-1	2.64	3.41	0.55	2.20	67.17	ppb
Cadmium	108-1	-0.19	-0.06	-0.34	-0.20		ppb
Calcium	43-1	85.21	88.77	85.92	86.63	2.17	ppb
Calcium	44-1	87.91	89.24	92.02	89.72	2.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.35	0.38	0.32	0.35	7.77	ppb
Cobalt	59-2	0.01	-0.01	-0.01	0.00		ppb
Copper	63-2	2.73	2.66	2.78	2.72	2.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				106		%
Indium	115-1				101		%
Indium	115-2				103		%
Iron	54-2	20.89	19.08	20.62	20.20	4.84	ppb
Iron	56-2	21.39	21.16	21.08	21.21	0.76	ppb
Iron	57-2	18.57	17.27	21.42	19.09	11.13	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-16	Instrumnet Name :	P8
Client Sample ID :	C00Y3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 16:05:47	DataFile Name :	069AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.32	0.41	0.37	0.36	12.49	ppb
Lead	207-1	0.30	0.34	0.31	0.32	6.01	ppb
Lead	208-1	0.28	0.33	0.34	0.32	10.75	ppb
Lithium	6-1				111		%
Magnesium	24-2	7.68	7.35	7.95	7.66	3.98	ppb
Manganese	55-2	1.34	1.29	1.47	1.37	7.04	ppb
Molybdenum	94-1	-0.01	0.00	-0.03	-0.01		ppb
Molybdenum	95-1	0.04	0.03	0.02	0.03	31.78	ppb
Molybdenum	96-1	-0.02	-0.04	-0.03	-0.03		ppb
Molybdenum	97-1	0.05	0.04	0.06	0.05	20.58	ppb
Molybdenum	98-1	0.03	0.01	0.04	0.02	68.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.28	0.25	0.27	0.27	5.65	ppb
Phosphorus	31-2	-46.16	-53.25	-62.02	-53.81		ppb
Potassium	39-2	116.06	115.47	108.37	113.30	3.78	ppb
Rhodium	103-1				101		%
Rhodium	103-2				105		%
Scandium	45-1				102		%
Scandium	45-2				106		%
Selenium	82-1	1.00	1.81	0.02	0.95	94.72	ppb
Selenium	77-2	1.39	0.00	1.39	0.93	86.60	ppb
Selenium	78-2	0.56	-0.41	1.66	0.60	171.13	ppb
Silicon	28-1	10.70	12.35	13.59	12.21	11.88	ppb
Silver	107-1	0.00	0.00	0.01	0.01	118.82	ppb
Silver	109-1	0.00	0.00	0.01	0.00	207.23	ppb
Sodium	23-2	288.45	289.19	294.24	290.62	1.09	ppb
Strontium	86-1	0.19	0.30	0.29	0.26	23.94	ppb
Strontium	88-1	0.22	0.22	0.20	0.21	5.70	ppb
Sulfur	34-1	427.86	515.88	592.84	512.19	16.12	ppb
Terbium	159-1				101		%
Terbium	159-2				104		%
Thallium	203-1	-0.15	-0.16	-0.21	-0.17		ppb
Thallium	205-1	-0.18	-0.18	-0.16	-0.17		ppb
Tin	118-1	-4.08	-4.04	-3.96	-4.03		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-16	Instrumnet Name :	P8
Client Sample ID :	C00Y3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 16:05:47	DataFile Name :	069AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.01	0.03	0.15	0.06	145.40	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	71.32	ppb
Vanadium	51-2	0.03	0.00	0.02	0.02	67.96	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	3.86	4.02	3.29	3.72	10.30	ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	145.21	ppb
Zirconium	91-1	-0.02	0.00	0.04	0.01	441.73	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-17	Instrumnet Name :	P8
Client Sample ID :	C00Y5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 16:08:52	DataFile Name :	070AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.86	6.09	7.11	7.02	12.67	ppb
Antimony	121-1	0.01	0.01	0.02	0.01	24.16	ppb
Arsenic	75-2	0.23	0.10	0.11	0.15	47.05	ppb
Barium	135-1	128.65	135.09	133.54	132.43	2.54	ppb
Barium	137-1	128.02	132.21	132.80	131.01	1.99	ppb
Beryllium	9-1	-0.01	-0.01	-0.01	-0.01		ppb
Bismuth	209-1				102		%
Bismuth	209-2				105		%
Boron	10-1	26.52	25.84	27.41	26.59	2.98	ppb
Boron	11-1	25.42	26.13	27.48	26.35	3.97	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.02	0.02	0.00	0.00		ppb
Cadmium	106-1	-0.91	1.50	2.01	0.87	179.89	ppb
Cadmium	108-1	-0.14	-0.23	-0.31	-0.23		ppb
Calcium	43-1	20716.18	20274.69	21362.53	20784.46	2.63	ppb
Calcium	44-1	20740.22	20041.41	21664.00	20815.21	3.91	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.72	0.79	0.62	0.71	12.15	ppb
Cobalt	59-2	0.11	0.10	0.09	0.10	10.47	ppb
Copper	63-2	4.45	4.62	4.43	4.50	2.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				105		%
Iron	54-2	6927.56	7134.57	7234.68	7098.94	2.21	ppb
Iron	56-2	7109.17	7393.28	7282.40	7261.62	1.97	ppb
Iron	57-2	6902.23	7232.39	7042.28	7058.96	2.35	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-17	Instrumnet Name :	P8
Client Sample ID :	C00Y5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 16:08:52	DataFile Name :	070AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.25	0.20	0.20	0.22	14.97	ppb
Lead	207-1	0.21	0.25	0.15	0.20	23.39	ppb
Lead	208-1	0.21	0.21	0.18	0.20	7.19	ppb
Lithium	6-1				115		%
Magnesium	24-2	8729.55	9203.74	8815.11	8916.13	2.83	ppb
Manganese	55-2	348.14	362.28	354.60	355.01	1.99	ppb
Molybdenum	94-1	0.02	0.00	0.02	0.02	62.17	ppb
Molybdenum	95-1	0.04	0.06	0.03	0.04	40.26	ppb
Molybdenum	96-1	0.04	0.08	0.04	0.05	35.57	ppb
Molybdenum	97-1	0.08	0.03	0.04	0.05	53.71	ppb
Molybdenum	98-1	0.03	0.03	0.04	0.03	9.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.18	1.21	1.22	1.20	1.75	ppb
Phosphorus	31-2	-14.71	5.16	52.70	14.38	240.80	ppb
Potassium	39-2	1991.84	2092.57	2090.68	2058.36	2.80	ppb
Rhodium	103-1				102		%
Rhodium	103-2				107		%
Scandium	45-1				106		%
Scandium	45-2				108		%
Selenium	82-1	-0.25	-0.17	0.45	0.01	4248.22	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.80	1.51	0.81	1.04	39.38	ppb
Silicon	28-1	5013.23	4670.68	5205.09	4963.00	5.45	ppb
Silver	107-1	0.00	-0.01	0.00	0.00		ppb
Silver	109-1	0.00	-0.01	-0.01	-0.01		ppb
Sodium	23-2	29555.11	30828.57	29337.98	29907.22	2.69	ppb
Strontium	86-1	269.58	265.78	269.56	268.31	0.81	ppb
Strontium	88-1	264.23	264.51	274.14	267.62	2.11	ppb
Sulfur	34-1	15682.46	14753.94	16279.94	15572.11	4.94	ppb
Terbium	159-1				104		%
Terbium	159-2				107		%
Thallium	203-1	-0.16	-0.16	-0.19	-0.17		ppb
Thallium	205-1	-0.18	-0.18	-0.16	-0.17		ppb
Tin	118-1	-4.25	-4.19	-4.15	-4.20		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-17	Instrumnet Name :	P8
Client Sample ID :	C00Y5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 16:08:52	DataFile Name :	070AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.34	0.39	0.26	0.33	20.36	ppb
Uranium	238-1	0.01	0.01	0.00	0.01	15.09	ppb
Vanadium	51-2	0.05	0.06	0.04	0.05	17.97	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				107		%
Zinc	66-2	1.67	1.88	2.15	1.90	12.72	ppb
Zirconium	90-1	0.03	0.01	0.01	0.01	103.65	ppb
Zirconium	91-1	0.05	0.01	-0.01	0.02	172.19	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-18	Instrumnet Name :	P8
Client Sample ID :	C00Y7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 16:11:51	DataFile Name :	071AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.30	5.08	4.69	5.36	15.68	ppb
Antimony	121-1	1.37	1.42	1.33	1.37	3.27	ppb
Arsenic	75-2	3.51	3.68	3.58	3.59	2.44	ppb
Barium	135-1	150.48	152.82	150.21	151.17	0.95	ppb
Barium	137-1	153.21	153.50	153.47	153.40	0.10	ppb
Beryllium	9-1	-0.02	0.00	-0.03	-0.01		ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Boron	10-1	37.14	37.20	39.97	38.11	4.24	ppb
Boron	11-1	37.69	37.22	39.88	38.26	3.70	ppb
Bromine	81-1						cps
Cadmium	111-1	0.08	0.06	0.03	0.06	44.32	ppb
Cadmium	106-1	2.91	2.96	3.15	3.01	4.35	ppb
Cadmium	108-1	0.15	-0.21	-0.49	-0.19		ppb
Calcium	43-1	38079.64	39068.23	38853.81	38667.23	1.34	ppb
Calcium	44-1	38387.59	37831.49	39131.43	38450.17	1.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.51	0.44	0.41	0.45	11.86	ppb
Cobalt	59-2	12.41	11.94	12.12	12.16	1.95	ppb
Copper	63-2	3.91	3.57	3.71	3.73	4.49	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				102		%
Indium	115-2				101		%
Iron	54-2	4857.55	4533.68	4617.11	4669.45	3.60	ppb
Iron	56-2	5018.85	4827.21	4764.11	4870.06	2.72	ppb
Iron	57-2	4826.50	4754.52	4665.09	4748.70	1.70	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-18	Instrumnet Name :	P8
Client Sample ID :	C00Y7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 16:11:51	DataFile Name :	071AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.08	0.08	0.10	0.08	18.14	ppb
Lead	207-1	0.06	0.00	0.06	0.04	79.11	ppb
Lead	208-1	0.07	0.05	0.08	0.07	19.72	ppb
Lithium	6-1				114		%
Magnesium	24-2	11308.73	10939.85	10630.66	10959.75	3.10	ppb
Manganese	55-2	624.02	602.87	592.13	606.34	2.68	ppb
Molybdenum	94-1	1.23	1.32	1.35	1.30	4.63	ppb
Molybdenum	95-1	1.47	1.40	1.55	1.47	5.23	ppb
Molybdenum	96-1	1.36	1.32	1.39	1.36	2.45	ppb
Molybdenum	97-1	1.35	1.51	1.38	1.41	5.69	ppb
Molybdenum	98-1	1.42	1.45	1.44	1.44	0.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	19.30	18.46	18.82	18.86	2.22	ppb
Phosphorus	31-2	-56.00	-66.17	-61.72	-61.30		ppb
Potassium	39-2	5449.21	5167.03	5233.42	5283.22	2.79	ppb
Rhodium	103-1				101		%
Rhodium	103-2				105		%
Scandium	45-1				104		%
Scandium	45-2				105		%
Selenium	82-1	0.15	0.90	1.92	0.99	89.46	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.88	-0.11	-0.01	0.25	212.94	ppb
Silicon	28-1	4141.37	4288.15	4266.66	4232.06	1.87	ppb
Silver	107-1	0.00	0.01	-0.01	0.00		ppb
Silver	109-1	-0.02	-0.01	-0.01	-0.01		ppb
Sodium	23-2	17485.58	16882.28	16334.62	16900.83	3.41	ppb
Strontium	86-1	382.83	380.75	382.55	382.05	0.30	ppb
Strontium	88-1	382.81	381.36	383.66	382.61	0.30	ppb
Sulfur	34-1	6650.87	7516.28	7531.92	7233.02	6.97	ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	-0.02	-0.03	-0.01	-0.02		ppb
Thallium	205-1	-0.04	-0.05	-0.03	-0.04		ppb
Tin	118-1	-4.02	-3.91	-3.96	-3.96		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-18	Instrumnet Name :	P8
Client Sample ID :	C00Y7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 16:11:51	DataFile Name :	071AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.23	0.44	0.36	0.34	30.50	ppb
Uranium	238-1	0.87	0.85	0.91	0.88	3.42	ppb
Vanadium	51-2	0.11	0.08	0.10	0.10	17.54	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	6.16	6.35	6.73	6.42	4.55	ppb
Zirconium	90-1	0.08	0.08	0.08	0.08	2.72	ppb
Zirconium	91-1	0.09	0.06	0.10	0.08	26.54	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-19	Instrumnet Name :	P8
Client Sample ID :	C00Y9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 16:14:52	DataFile Name :	072AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1814.01	1834.13	1791.89	1813.35	1.17	ppb
Antimony	121-1	0.20	0.17	0.17	0.18	9.36	ppb
Arsenic	75-2	1.30	1.32	1.34	1.32	1.47	ppb
Barium	135-1	33.96	33.29	33.49	33.58	1.03	ppb
Barium	137-1	33.87	34.50	34.25	34.20	0.92	ppb
Beryllium	9-1	0.13	0.07	0.07	0.09	40.96	ppb
Bismuth	209-1				104		%
Bismuth	209-2				104		%
Boron	10-1	15.71	15.77	15.73	15.74	0.19	ppb
Boron	11-1	14.91	15.20	14.95	15.02	1.07	ppb
Bromine	81-1						cps
Cadmium	111-1	0.05	0.04	0.04	0.04	7.20	ppb
Cadmium	106-1	1.13	0.96	1.28	1.13	14.44	ppb
Cadmium	108-1	-0.40	-0.14	-0.06	-0.20		ppb
Calcium	43-1	22696.46	23361.90	22337.10	22798.49	2.28	ppb
Calcium	44-1	22734.95	22330.69	22407.57	22491.07	0.95	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.37	2.26	2.33	2.32	2.53	ppb
Cobalt	59-2	1.62	1.87	1.78	1.76	7.22	ppb
Copper	63-2	3.87	4.00	3.91	3.93	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				105		%
Holmium	165-2				107		%
Indium	115-1				102		%
Indium	115-2				104		%
Iron	54-2	3523.98	3707.52	3532.33	3587.94	2.89	ppb
Iron	56-2	3725.32	3730.55	3728.94	3728.27	0.07	ppb
Iron	57-2	3543.85	3663.21	3640.73	3615.93	1.75	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-19	Instrumnet Name :	P8
Client Sample ID :	C00Y9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 16:14:52	DataFile Name :	072AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2.91	2.88	3.09	2.96	3.89	ppb
Lead	207-1	2.94	2.84	2.86	2.88	1.75	ppb
Lead	208-1	2.90	2.80	2.93	2.87	2.37	ppb
Lithium	6-1				117		%
Magnesium	24-2	7908.40	8287.37	8208.53	8134.77	2.46	ppb
Manganese	55-2	167.23	173.39	168.17	169.60	1.96	ppb
Molybdenum	94-1	1.19	1.55	1.06	1.27	19.82	ppb
Molybdenum	95-1	0.29	0.36	0.32	0.32	11.17	ppb
Molybdenum	96-1	0.33	0.38	0.38	0.36	7.03	ppb
Molybdenum	97-1	0.33	0.37	0.29	0.33	11.49	ppb
Molybdenum	98-1	0.30	0.25	0.33	0.29	14.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.77	2.74	2.55	2.69	4.32	ppb
Phosphorus	31-2	19.78	84.50	61.02	55.10	59.46	ppb
Potassium	39-2	2583.96	2671.52	2613.55	2623.01	1.70	ppb
Rhodium	103-1				101		%
Rhodium	103-2				109		%
Scandium	45-1				105		%
Scandium	45-2				107		%
Selenium	82-1	0.54	2.08	0.50	1.04	86.89	ppb
Selenium	77-2	0.00	5.55	1.36	2.30	125.57	ppb
Selenium	78-2	0.97	0.28	0.08	0.44	105.15	ppb
Silicon	28-1	4861.40	4879.66	4806.12	4849.06	0.79	ppb
Silver	107-1	0.00	0.00	0.01	0.00	92.74	ppb
Silver	109-1	0.01	0.00	0.00	0.00	429.76	ppb
Sodium	23-2	2893.31	2959.56	2908.59	2920.49	1.19	ppb
Strontium	86-1	155.27	150.52	157.21	154.33	2.23	ppb
Strontium	88-1	155.25	154.96	152.01	154.07	1.16	ppb
Sulfur	34-1	13561.24	14105.55	13655.11	13773.97	2.11	ppb
Terbium	159-1				105		%
Terbium	159-2				106		%
Thallium	203-1	-0.14	-0.13	-0.14	-0.14		ppb
Thallium	205-1	-0.13	-0.15	-0.12	-0.13		ppb
Tin	118-1	-4.05	-4.00	-4.00	-4.02		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-19	Instrumnet Name :	P8
Client Sample ID :	C00Y9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 16:14:52	DataFile Name :	072AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	16.17	21.14	15.90	17.74	16.62	ppb
Uranium	238-1	0.14	0.12	0.11	0.12	11.43	ppb
Vanadium	51-2	2.79	2.74	2.95	2.83	3.71	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				107		%
Zinc	66-2	49.58	49.91	48.61	49.37	1.37	ppb
Zirconium	90-1	0.45	0.54	0.52	0.50	10.06	ppb
Zirconium	91-1	0.34	0.36	0.51	0.40	22.81	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-20	Instrumnet Name :	P8
Client Sample ID :	C00Z1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 16:17:52	DataFile Name :	073AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	679.31	639.35	655.63	658.10	3.05	ppb
Antimony	121-1	0.06	0.04	0.05	0.05	17.83	ppb
Arsenic	75-2	1.48	1.51	1.59	1.52	3.86	ppb
Barium	135-1	80.89	79.21	83.27	81.12	2.52	ppb
Barium	137-1	79.43	80.42	81.88	80.58	1.53	ppb
Beryllium	9-1	0.02	0.02	0.08	0.04	84.44	ppb
Bismuth	209-1				105		%
Bismuth	209-2				106		%
Boron	10-1	18.44	18.72	21.80	19.65	9.50	ppb
Boron	11-1	18.47	19.00	21.10	19.53	7.12	ppb
Bromine	81-1						cps
Cadmium	111-1	0.07	-0.01	0.02	0.03	154.25	ppb
Cadmium	106-1	3.77	0.68	-0.18	1.42	145.87	ppb
Cadmium	108-1	0.13	0.03	-0.08	0.03	393.64	ppb
Calcium	43-1	33358.33	33991.41	33084.85	33478.20	1.39	ppb
Calcium	44-1	32901.52	33083.22	32071.68	32685.47	1.65	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.22	1.28	1.25	1.25	2.61	ppb
Cobalt	59-2	27.43	27.37	27.52	27.44	0.28	ppb
Copper	63-2	1.28	1.31	1.38	1.32	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				106		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				103		%
Iron	54-2	6753.73	6805.42	6853.70	6804.28	0.73	ppb
Iron	56-2	7087.91	7130.15	6903.07	7040.38	1.72	ppb
Iron	57-2	7028.23	7000.15	6845.97	6958.11	1.41	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-20	Instrumnet Name :	P8
Client Sample ID :	C00Z1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 16:17:52	DataFile Name :	073AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.88	0.94	0.93	0.92	3.89	ppb
Lead	207-1	0.72	0.77	0.83	0.78	6.85	ppb
Lead	208-1	0.80	0.82	0.85	0.82	3.27	ppb
Lithium	6-1				118		%
Magnesium	24-2	11828.55	12133.41	11272.42	11744.79	3.72	ppb
Manganese	55-2	20243.53	19973.40	19935.36	20050.76	0.84	ppb
Molybdenum	94-1	1.01	1.06	2.09	1.39	44.19	ppb
Molybdenum	95-1	0.82	0.73	0.89	0.81	9.95	ppb
Molybdenum	96-1	0.44	0.42	0.47	0.44	6.03	ppb
Molybdenum	97-1	0.32	0.34	0.30	0.32	6.77	ppb
Molybdenum	98-1	0.33	0.33	0.33	0.33	0.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.56	2.33	2.67	2.52	6.85	ppb
Phosphorus	31-2	-7.49	10.36	-19.63	-5.58		ppb
Potassium	39-2	3030.06	3081.16	2952.72	3021.31	2.14	ppb
Rhodium	103-1				102		%
Rhodium	103-2				105		%
Scandium	45-1				104		%
Scandium	45-2				106		%
Selenium	82-1	0.56	1.27	0.65	0.83	46.20	ppb
Selenium	77-2	0.00	1.41	0.00	0.47	173.21	ppb
Selenium	78-2	1.66	0.38	-2.16	-0.04		ppb
Silicon	28-1	2390.81	2404.47	2432.04	2409.11	0.87	ppb
Silver	107-1	0.00	-0.01	0.00	-0.01		ppb
Silver	109-1	-0.01	-0.01	-0.02	-0.01		ppb
Sodium	23-2	6556.69	6494.18	6514.69	6521.85	0.49	ppb
Strontium	86-1	309.09	296.83	310.42	305.45	2.45	ppb
Strontium	88-1	310.49	294.82	315.46	306.92	3.51	ppb
Sulfur	34-1	8093.39	8359.86	8209.66	8220.97	1.63	ppb
Terbium	159-1				105		%
Terbium	159-2				106		%
Thallium	203-1	-0.13	-0.12	-0.11	-0.12		ppb
Thallium	205-1	-0.11	-0.11	-0.10	-0.11		ppb
Tin	118-1	-4.36	-4.32	-4.33	-4.34		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-20	Instrumnet Name :	P8
Client Sample ID :	C00Z1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 16:17:52	DataFile Name :	073AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	9.56	20.61	9.47	13.21	48.48	ppb
Uranium	238-1	0.13	0.15	0.13	0.14	9.90	ppb
Vanadium	51-2	1.13	1.11	1.17	1.13	2.73	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				104		%
Zinc	66-2	5.07	5.12	5.23	5.14	1.59	ppb
Zirconium	90-1	0.45	0.35	0.32	0.37	16.95	ppb
Zirconium	91-1	0.28	0.50	0.42	0.40	28.02	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-21	Instrumnet Name :	P8
Client Sample ID :	C00Z3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 16:20:53	DataFile Name :	074AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	42.67	41.97	43.58	42.74	1.88	ppb
Antimony	121-1	0.32	0.27	0.29	0.29	6.93	ppb
Arsenic	75-2	12.79	12.97	13.74	13.17	3.85	ppb
Barium	135-1	195.32	185.27	180.17	186.92	4.12	ppb
Barium	137-1	193.09	189.61	176.78	186.49	4.61	ppb
Beryllium	9-1	-0.03	-0.02	-0.02	-0.02		ppb
Bismuth	209-1				102		%
Bismuth	209-2				105		%
Boron	10-1	43.52	43.05	47.74	44.77	5.77	ppb
Boron	11-1	41.68	43.11	45.64	43.47	4.61	ppb
Bromine	81-1						cps
Cadmium	111-1	0.00	0.06	-0.01	0.02	180.82	ppb
Cadmium	106-1	4.04	3.50	-0.02	2.51	88.01	ppb
Cadmium	108-1	0.10	0.12	-0.06	0.05	187.92	ppb
Calcium	43-1	33115.40	32864.95	33002.40	32994.25	0.38	ppb
Calcium	44-1	33375.99	31978.63	33442.89	32932.50	2.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.93	0.93	0.99	0.95	3.59	ppb
Cobalt	59-2	0.24	0.21	0.23	0.23	5.50	ppb
Copper	63-2	0.14	0.16	0.18	0.16	12.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				107		%
Indium	115-1				102		%
Indium	115-2				104		%
Iron	54-2	10206.16	10229.21	10396.50	10277.29	1.01	ppb
Iron	56-2	10484.21	10304.62	10729.71	10506.18	2.03	ppb
Iron	57-2	10341.37	10376.72	10488.42	10402.17	0.74	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-21	Instrumnet Name :	P8
Client Sample ID :	C00Z3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 16:20:53	DataFile Name :	074AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.11	0.12	0.10	0.11	11.47	ppb
Lead	207-1	0.09	0.12	0.12	0.11	14.88	ppb
Lead	208-1	0.10	0.10	0.09	0.10	6.57	ppb
Lithium	6-1				115		%
Magnesium	24-2	8914.48	8991.39	9226.52	9044.13	1.80	ppb
Manganese	55-2	613.40	611.91	626.53	617.28	1.30	ppb
Molybdenum	94-1	0.86	0.81	0.90	0.86	4.85	ppb
Molybdenum	95-1	1.04	0.86	0.92	0.94	9.57	ppb
Molybdenum	96-1	0.98	0.97	1.12	1.02	7.97	ppb
Molybdenum	97-1	0.98	1.01	0.96	0.98	2.58	ppb
Molybdenum	98-1	0.98	0.98	0.88	0.95	6.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.26	1.30	1.18	1.25	5.03	ppb
Phosphorus	31-2	-42.62	-50.27	-66.10	-52.99		ppb
Potassium	39-2	7472.19	7499.33	7871.77	7614.43	2.93	ppb
Rhodium	103-1				101		%
Rhodium	103-2				105		%
Scandium	45-1				104		%
Scandium	45-2				107		%
Selenium	82-1	0.89	0.86	1.06	0.94	11.49	ppb
Selenium	77-2	1.35	0.00	1.42	0.92	86.68	ppb
Selenium	78-2	-0.90	0.08	1.14	0.11	966.53	ppb
Silicon	28-1	5144.31	5013.71	4880.79	5012.94	2.63	ppb
Silver	107-1	0.00	-0.01	-0.01	-0.01		ppb
Silver	109-1	-0.02	-0.02	-0.02	-0.02		ppb
Sodium	23-2	20260.93	20960.11	20860.11	20693.72	1.83	ppb
Strontium	86-1	320.20	310.38	307.15	312.58	2.17	ppb
Strontium	88-1	313.28	313.74	302.56	309.86	2.04	ppb
Sulfur	34-1	10163.82	9657.73	9864.63	9895.39	2.57	ppb
Terbium	159-1				102		%
Terbium	159-2				106		%
Thallium	203-1	-0.17	-0.18	-0.18	-0.18		ppb
Thallium	205-1	-0.18	-0.16	-0.16	-0.17		ppb
Tin	118-1	-4.28	-4.30	-4.37	-4.32		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-21	Instrumnet Name :	P8
Client Sample ID :	C00Z3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 16:20:53	DataFile Name :	074AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.65	0.93	0.67	0.75	21.24	ppb
Uranium	238-1	0.12	0.13	0.12	0.12	7.00	ppb
Vanadium	51-2	0.09	0.07	0.11	0.09	19.31	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	4.28	4.48	4.34	4.37	2.44	ppb
Zirconium	90-1	0.05	0.05	0.04	0.05	4.59	ppb
Zirconium	91-1	0.06	0.06	0.02	0.05	47.10	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-22	Instrumnet Name :	P8
Client Sample ID :	C00Z5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 16:23:53	DataFile Name :	075AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.05	2.20	1.21	1.82	29.14	ppb
Antimony	121-1	0.01	0.00	0.00	0.00	121.56	ppb
Arsenic	75-2	-0.02	-0.01	-0.03	-0.02		ppb
Barium	135-1	0.11	0.08	0.10	0.10	15.31	ppb
Barium	137-1	0.13	0.14	0.15	0.14	5.71	ppb
Beryllium	9-1	-0.03	0.01	-0.04	-0.02		ppb
Bismuth	209-1				102		%
Bismuth	209-2				105		%
Boron	10-1	7.82	6.95	6.62	7.13	8.72	ppb
Boron	11-1	6.56	7.19	5.64	6.46	12.11	ppb
Bromine	81-1						cps
Cadmium	111-1	0.03	0.02	-0.04	0.00	1623.63	ppb
Cadmium	106-1	1.96	0.33	-0.81	0.50	280.12	ppb
Cadmium	108-1	-0.49	0.47	-0.02	-0.01		ppb
Calcium	43-1	59.27	52.83	50.51	54.20	8.37	ppb
Calcium	44-1	59.63	58.51	54.75	57.63	4.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.55	0.55	0.52	0.54	2.99	ppb
Cobalt	59-2	-0.01	0.00	-0.01	-0.01		ppb
Copper	63-2	0.31	0.31	0.31	0.31	1.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				106		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	54-2	7.09	7.15	7.46	7.23	2.75	ppb
Iron	56-2	7.83	8.08	7.43	7.78	4.19	ppb
Iron	57-2	9.06	8.81	7.33	8.40	11.14	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-22	Instrumnet Name :	P8
Client Sample ID :	C00Z5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 16:23:53	DataFile Name :	075AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.04	0.04	0.04	0.04	4.27	ppb
Lead	207-1	0.01	0.02	-0.01	0.01	172.81	ppb
Lead	208-1	0.03	0.03	0.00	0.02	102.60	ppb
Lithium	6-1				113		%
Magnesium	24-2	5.79	3.84	4.16	4.60	22.86	ppb
Manganese	55-2	1.09	1.54	1.16	1.26	19.26	ppb
Molybdenum	94-1	0.03	-0.05	-0.01	-0.01		ppb
Molybdenum	95-1	0.04	0.00	0.01	0.02	108.29	ppb
Molybdenum	96-1	-0.05	-0.02	-0.03	-0.03		ppb
Molybdenum	97-1	0.02	0.05	0.03	0.03	51.05	ppb
Molybdenum	98-1	0.01	0.02	0.00	0.01	70.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.80	1.06	0.90	0.92	14.27	ppb
Phosphorus	31-2	-43.27	-43.44	-70.99	-52.57		ppb
Potassium	39-2	11.05	8.59	12.26	10.63	17.59	ppb
Rhodium	103-1				102		%
Rhodium	103-2				105		%
Scandium	45-1				103		%
Scandium	45-2				105		%
Selenium	82-1	1.88	0.44	-0.63	0.56	223.12	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.77	-0.51	-0.67	-0.14		ppb
Silicon	28-1	3.64	5.66	3.16	4.15	32.01	ppb
Silver	107-1	0.01	0.00	-0.01	0.00	701.74	ppb
Silver	109-1	-0.01	-0.01	0.00	-0.01		ppb
Sodium	23-2	23.69	23.25	21.10	22.68	6.11	ppb
Strontium	86-1	0.23	0.07	0.23	0.18	51.87	ppb
Strontium	88-1	0.21	0.18	0.16	0.18	14.73	ppb
Sulfur	34-1	85.13	275.19	202.90	187.74	51.10	ppb
Terbium	159-1				101		%
Terbium	159-2				105		%
Thallium	203-1	-0.20	-0.20	-0.19	-0.19		ppb
Thallium	205-1	-0.18	-0.17	-0.18	-0.18		ppb
Tin	118-1	-4.21	-4.17	-4.15	-4.18		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-22	Instrumnet Name :	P8
Client Sample ID :	C00Z5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 16:23:53	DataFile Name :	075AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.10	0.08	0.19	0.12	47.76	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	314.94	ppb
Vanadium	51-2	0.02	0.02	0.04	0.03	30.07	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				104		%
Zinc	66-2	1.25	1.24	0.92	1.14	16.72	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	108.24	ppb
Zirconium	91-1	-0.01	-0.02	0.01	-0.01		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-20DLX5	Instrumnet Name :	P8
Client Sample ID :	C00Z1	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 16:28:39	DataFile Name :	076AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	122.02	114.37	116.64	117.68	3.34	ppb
Antimony	121-1	0.00	0.01	0.00	0.00	126.22	ppb
Arsenic	75-2	0.25	0.30	0.18	0.24	23.42	ppb
Barium	135-1	15.54	15.27	15.58	15.46	1.10	ppb
Barium	137-1	15.92	15.88	15.86	15.89	0.19	ppb
Beryllium	9-1	-0.03	-0.03	-0.03	-0.03		ppb
Bismuth	209-1				101		%
Bismuth	209-2				105		%
Boron	10-1	4.73	5.63	5.13	5.16	8.79	ppb
Boron	11-1	4.99	5.40	5.23	5.20	3.94	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.01	0.01	-0.02	-0.01		ppb
Cadmium	106-1	-0.03	-0.63	0.80	0.05	1536.19	ppb
Cadmium	108-1	0.03	0.18	-0.04	0.06	194.49	ppb
Calcium	43-1	6514.00	6539.06	6626.51	6559.85	0.90	ppb
Calcium	44-1	6250.76	6606.49	6483.02	6446.75	2.80	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.25	0.21	0.18	0.21	16.70	ppb
Cobalt	59-2	5.21	5.30	5.19	5.23	1.11	ppb
Copper	63-2	0.29	0.19	0.14	0.20	38.52	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				103		%
Holmium	165-2				106		%
Indium	115-1				101		%
Indium	115-2				103		%
Iron	54-2	1332.44	1330.52	1307.88	1323.61	1.03	ppb
Iron	56-2	1389.91	1359.82	1383.58	1377.77	1.15	ppb
Iron	57-2	1351.29	1338.13	1351.93	1347.11	0.58	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-20DLX5	Instrumnet Name :	P8
Client Sample ID :	C00Z1	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 16:28:39	DataFile Name :	076AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.23	0.17	0.18	0.20	16.39	ppb
Lead	207-1	0.13	0.15	0.12	0.14	12.30	ppb
Lead	208-1	0.17	0.15	0.15	0.16	9.55	ppb
Lithium	6-1				113		%
Magnesium	24-2	2286.04	2349.12	2258.14	2297.77	2.03	ppb
Manganese	55-2	3902.27	4018.09	3939.00	3953.12	1.50	ppb
Molybdenum	94-1	0.16	0.13	0.19	0.16	17.16	ppb
Molybdenum	95-1	0.20	0.18	0.18	0.18	5.53	ppb
Molybdenum	96-1	0.02	0.07	0.03	0.04	55.54	ppb
Molybdenum	97-1	0.08	0.10	0.08	0.08	14.55	ppb
Molybdenum	98-1	0.05	0.05	0.07	0.06	18.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.39	0.50	0.46	0.45	12.82	ppb
Phosphorus	31-2	-57.66	-61.35	-28.36	-49.12		ppb
Potassium	39-2	561.49	583.72	549.69	564.97	3.06	ppb
Rhodium	103-1				100		%
Rhodium	103-2				107		%
Scandium	45-1				101		%
Scandium	45-2				106		%
Selenium	82-1	0.63	-0.21	0.84	0.42	131.97	ppb
Selenium	77-2	0.00	0.00	1.34	0.45	173.21	ppb
Selenium	78-2	-0.17	0.71	-0.68	-0.05		ppb
Silicon	28-1	447.99	455.02	463.12	455.38	1.66	ppb
Silver	107-1	0.00	0.01	0.02	0.01	100.64	ppb
Silver	109-1	-0.01	0.00	0.01	0.00	2320.85	ppb
Sodium	23-2	1230.09	1277.23	1255.64	1254.32	1.88	ppb
Strontium	86-1	60.92	60.29	60.26	60.49	0.62	ppb
Strontium	88-1	60.12	59.18	60.17	59.82	0.93	ppb
Sulfur	34-1	2174.88	2104.12	2187.98	2155.66	2.09	ppb
Terbium	159-1				101		%
Terbium	159-2				105		%
Thallium	203-1	-0.18	-0.18	-0.17	-0.17		ppb
Thallium	205-1	-0.17	-0.18	-0.18	-0.18		ppb
Tin	118-1	-3.32	-3.29	-3.31	-3.31		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-20DLX5	Instrumnet Name :	P8
Client Sample ID :	C00Z1	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 16:28:39	DataFile Name :	076AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.44	3.84	1.50	2.26	60.72	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	6.19	ppb
Vanadium	51-2	0.24	0.19	0.17	0.20	18.87	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				106		%
Zinc	66-2	0.85	1.29	1.20	1.11	20.79	ppb
Zirconium	90-1	0.05	0.07	0.07	0.07	20.54	ppb
Zirconium	91-1	0.05	0.07	0.03	0.05	42.70	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-09A	Instrumnet Name :	P8
Client Sample ID :	C00W9A	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 16:34:08	DataFile Name :	077AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47.93	43.67	49.63	47.08	6.53	ppb
Antimony	121-1	0.05	0.05	0.02	0.04	44.24	ppb
Arsenic	75-2	0.22	0.26	0.24	0.24	7.14	ppb
Barium	135-1	441.92	394.30	439.01	425.08	6.28	ppb
Barium	137-1	439.56	398.93	438.54	425.67	5.44	ppb
Beryllium	9-1	-0.01	-0.02	0.00	-0.01		ppb
Bismuth	209-1				102		%
Bismuth	209-2				106		%
Boron	10-1	28.06	28.86	31.44	29.45	6.01	ppb
Boron	11-1	29.53	28.64	32.18	30.12	6.11	ppb
Bromine	81-1						cps
Cadmium	111-1	0.04	0.01	0.06	0.03	75.02	ppb
Cadmium	106-1	-0.05	-1.38	0.06	-0.46		ppb
Cadmium	108-1	0.61	0.14	0.28	0.34	69.74	ppb
Calcium	43-1	22196.57	20610.86	21747.10	21518.17	3.80	ppb
Calcium	44-1	22136.27	20879.12	20921.75	21312.38	3.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.60	1.55	1.59	1.58	1.77	ppb
Cobalt	59-2	0.10	0.13	0.11	0.11	11.74	ppb
Copper	63-2	2.09	2.27	2.10	2.15	4.80	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				105		%
Holmium	165-2				105		%
Indium	115-1				101		%
Indium	115-2				104		%
Iron	54-2	1761.95	1801.79	1802.42	1788.72	1.30	ppb
Iron	56-2	1863.73	1875.22	1991.82	1910.26	3.71	ppb
Iron	57-2	1862.67	1843.70	1880.42	1862.26	0.99	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-09A	Instrumnet Name :	P8
Client Sample ID :	C00W9A	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 16:34:08	DataFile Name :	077AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.14	0.11	0.10	0.12	16.36	ppb
Lead	207-1	0.12	0.07	0.09	0.09	25.75	ppb
Lead	208-1	0.14	0.08	0.07	0.10	37.19	ppb
Lithium	6-1				113		%
Magnesium	24-2	7339.59	7512.98	7738.17	7530.25	2.65	ppb
Manganese	55-2	106.43	108.49	108.88	107.93	1.22	ppb
Molybdenum	94-1	0.32	0.34	0.41	0.36	13.22	ppb
Molybdenum	95-1	0.34	0.28	0.27	0.29	12.29	ppb
Molybdenum	96-1	0.27	0.32	0.32	0.31	9.33	ppb
Molybdenum	97-1	0.44	0.24	0.31	0.33	31.20	ppb
Molybdenum	98-1	0.37	0.29	0.30	0.32	13.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.93	1.72	1.82	1.82	5.85	ppb
Phosphorus	31-2	15.33	22.07	101.11	46.17	103.30	ppb
Potassium	39-2	2327.10	2394.52	2443.97	2388.53	2.46	ppb
Rhodium	103-1				102		%
Rhodium	103-2				106		%
Scandium	45-1				103		%
Scandium	45-2				107		%
Selenium	82-1	-0.40	1.19	0.72	0.50	162.20	ppb
Selenium	77-2	2.69	0.00	0.00	0.90	173.21	ppb
Selenium	78-2	0.50	1.03	0.09	0.54	87.48	ppb
Silicon	28-1	5231.59	4571.68	5238.51	5013.93	7.64	ppb
Silver	107-1	2.67	2.47	2.78	2.64	6.02	ppb
Silver	109-1	2.64	2.53	2.52	2.56	2.69	ppb
Sodium	23-2	37962.92	38150.74	41039.00	39050.89	4.42	ppb
Strontium	86-1	403.72	377.97	382.82	388.17	3.53	ppb
Strontium	88-1	397.23	370.27	373.23	380.25	3.89	ppb
Sulfur	34-1	12401.25	10612.95	11592.60	11535.60	7.76	ppb
Terbium	159-1				102		%
Terbium	159-2				106		%
Thallium	203-1	-0.16	-0.17	-0.18	-0.17		ppb
Thallium	205-1	-0.17	-0.17	-0.16	-0.17		ppb
Tin	118-1	-3.97	-4.21	-4.15	-4.11		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-09A	Instrumnet Name :	P8
Client Sample ID :	C00W9A	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 16:34:08	DataFile Name :	077AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.60	0.87	6.25	2.57	124.02	ppb
Uranium	238-1	0.03	0.02	0.02	0.02	19.81	ppb
Vanadium	51-2	0.09	0.09	0.05	0.08	26.47	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				106		%
Zinc	66-2	2.73	2.89	3.06	2.89	5.81	ppb
Zirconium	90-1	0.14	0.02	0.06	0.07	83.43	ppb
Zirconium	91-1	0.06	0.03	0.04	0.04	30.10	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-08A	Instrumnet Name :	P8
Client Sample ID :	C00X0A	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 16:37:07	DataFile Name :	078AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.36	5.68	3.58	4.54	23.41	ppb
Antimony	121-1	0.02	0.02	0.01	0.02	23.08	ppb
Arsenic	75-2	0.12	0.16	0.20	0.16	22.60	ppb
Barium	135-1	393.60	399.16	415.57	402.78	2.84	ppb
Barium	137-1	397.13	412.61	413.80	407.85	2.28	ppb
Beryllium	9-1	-0.01	-0.03	-0.04	-0.03		ppb
Bismuth	209-1				103		%
Bismuth	209-2				105		%
Boron	10-1	29.47	31.23	32.13	30.94	4.38	ppb
Boron	11-1	30.23	32.32	32.31	31.62	3.81	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.02	0.03	0.01	0.01	340.20	ppb
Cadmium	106-1	-1.01	0.86	0.87	0.24	446.80	ppb
Cadmium	108-1	0.21	0.09	-0.18	0.04	489.04	ppb
Calcium	43-1	20673.83	21016.53	21324.33	21004.89	1.55	ppb
Calcium	44-1	20326.63	20421.39	20805.08	20517.70	1.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.44	0.34	0.36	0.38	13.61	ppb
Cobalt	59-2	0.10	0.08	0.06	0.08	24.63	ppb
Copper	63-2	1.47	1.36	1.24	1.36	8.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				108		%
Indium	115-1				103		%
Indium	115-2				105		%
Iron	54-2	1856.99	1853.03	1824.84	1844.95	0.95	ppb
Iron	56-2	1917.28	1984.27	1908.31	1936.62	2.14	ppb
Iron	57-2	1878.87	1907.85	1847.14	1877.95	1.62	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-08A	Instrumnet Name :	P8
Client Sample ID :	C00X0A	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 16:37:07	DataFile Name :	078AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.05	0.01	0.01	0.03	90.89	ppb
Lead	207-1	-0.01	0.00	-0.02	-0.01		ppb
Lead	208-1	0.02	0.00	-0.01	0.00	2080.54	ppb
Lithium	6-1				113		%
Magnesium	24-2	7717.70	7782.05	7423.88	7641.21	2.50	ppb
Manganese	55-2	114.00	113.76	106.68	111.48	3.73	ppb
Molybdenum	94-1	0.23	0.17	0.18	0.19	17.52	ppb
Molybdenum	95-1	0.21	0.21	0.18	0.20	8.49	ppb
Molybdenum	96-1	0.17	0.20	0.16	0.18	11.30	ppb
Molybdenum	97-1	0.26	0.30	0.29	0.28	6.81	ppb
Molybdenum	98-1	0.20	0.20	0.19	0.20	1.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.18	1.27	1.13	1.19	6.01	ppb
Phosphorus	31-2	70.31	40.29	-30.54	26.68	194.05	ppb
Potassium	39-2	2366.15	2374.54	2209.97	2316.88	4.00	ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				105		%
Scandium	45-2				107		%
Selenium	82-1	1.29	1.10	1.53	1.31	16.77	ppb
Selenium	77-2	0.00	0.00	4.09	1.36	173.21	ppb
Selenium	78-2	-0.34	0.76	1.03	0.48	149.91	ppb
Silicon	28-1	4778.89	4830.49	4869.30	4826.23	0.94	ppb
Silver	107-1	2.41	2.47	2.57	2.48	3.19	ppb
Silver	109-1	2.29	2.50	2.54	2.44	5.32	ppb
Sodium	23-2	39587.42	38947.07	39294.14	39276.21	0.82	ppb
Strontium	86-1	358.99	376.96	380.34	372.10	3.08	ppb
Strontium	88-1	360.97	378.64	379.45	373.02	2.80	ppb
Sulfur	34-1	11050.87	11252.58	11648.40	11317.28	2.69	ppb
Terbium	159-1				105		%
Terbium	159-2				108		%
Thallium	203-1	-0.17	-0.17	-0.18	-0.18		ppb
Thallium	205-1	-0.17	-0.20	-0.17	-0.18		ppb
Tin	118-1	-4.25	-4.19	-4.24	-4.23		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-08A	Instrumnet Name :	P8
Client Sample ID :	C00X0A	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 16:37:07	DataFile Name :	078AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.51	0.33	0.39	0.41	22.62	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	11.13	ppb
Vanadium	51-2	0.03	0.02	0.02	0.02	18.99	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	2.92	2.64	2.61	2.72	6.26	ppb
Zirconium	90-1	-0.01	0.02	0.02	0.01	232.98	ppb
Zirconium	91-1	0.01	0.01	0.01	0.01	25.74	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	CCV067	Instrumnet Name :	P8
Client Sample ID :	CCV067	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 16:40:09	DataFile Name :	079CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52594.75	50673.85	52374.90	51881.17	2.03	ppb
Antimony	121-1	490.91	486.53	492.18	489.88	0.61	ppb
Arsenic	75-2	515.10	491.96	500.48	502.51	2.33	ppb
Barium	135-1	2521.67	2508.28	2541.56	2523.84	0.66	ppb
Barium	137-1	2505.51	2430.38	2517.71	2484.53	1.90	ppb
Beryllium	9-1	474.57	495.25	500.14	489.99	2.77	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Boron	10-1	439.83	485.37	512.27	479.16	7.64	ppb
Boron	11-1	435.55	473.75	495.84	468.38	6.51	ppb
Bromine	81-1						cps
Cadmium	111-1	463.97	473.07	489.91	475.65	2.77	ppb
Cadmium	106-1	475.45	470.91	502.33	482.89	3.52	ppb
Cadmium	108-1	479.17	481.48	494.55	485.07	1.71	ppb
Calcium	43-1	246630.75	249061.19	243091.65	246261.20	1.22	ppb
Calcium	44-1	245544.65	241153.19	245944.48	244214.11	1.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	489.24	487.76	493.09	490.03	0.56	ppb
Cobalt	59-2	498.26	478.79	496.43	491.16	2.19	ppb
Copper	63-2	4877.54	4763.42	4799.11	4813.36	1.21	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				106		%
Holmium	165-2				105		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	54-2	129144.67	125593.81	124361.64	126366.71	1.97	ppb
Iron	56-2	129484.65	124975.44	128989.31	127816.47	1.93	ppb
Iron	57-2	128926.49	127553.51	130053.30	128844.44	0.97	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	CCV067	Instrumnet Name :	P8
Client Sample ID :	CCV067	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 16:40:09	DataFile Name :	079CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2561.24	2547.00	2558.35	2555.53	0.29	ppb
Lead	207-1	2544.60	2574.70	2513.60	2544.30	1.20	ppb
Lead	208-1	2542.79	2545.75	2527.11	2538.55	0.39	ppb
Lithium	6-1				117		%
Magnesium	24-2	259629.81	243525.31	247341.05	250165.39	3.36	ppb
Manganese	55-2	5241.81	4992.15	5031.77	5088.57	2.64	ppb
Molybdenum	94-1	5419.76	5483.22	5399.92	5434.30	0.80	ppb
Molybdenum	95-1	5495.96	5411.86	5464.11	5457.31	0.78	ppb
Molybdenum	96-1	5433.14	5429.63	5350.15	5404.31	0.87	ppb
Molybdenum	97-1	5409.21	5482.40	5369.36	5420.32	1.06	ppb
Molybdenum	98-1	5378.33	5441.12	5543.42	5454.29	1.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	507.67	485.68	493.48	495.61	2.25	ppb
Phosphorus	31-2	10670.31	10472.70	10257.60	10466.87	1.97	ppb
Potassium	39-2	127533.24	124782.62	130314.68	127543.51	2.17	ppb
Rhodium	103-1				98		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				105		%
Selenium	82-1	501.53	503.58	513.56	506.23	1.27	ppb
Selenium	77-2	527.70	518.24	462.21	502.71	7.04	ppb
Selenium	78-2	534.56	509.97	513.76	519.43	2.55	ppb
Silicon	28-1	475.35	532.73	521.66	509.91	5.97	ppb
Silver	107-1	496.08	495.94	510.70	500.91	1.69	ppb
Silver	109-1	500.56	488.91	508.15	499.21	1.94	ppb
Sodium	23-2	258433.43	249265.88	257268.93	254989.41	1.96	ppb
Strontium	86-1	4823.55	5036.67	5010.99	4957.07	2.35	ppb
Strontium	88-1	4877.82	4978.36	5011.92	4956.03	1.41	ppb
Sulfur	34-1	9905.76	10845.65	10665.59	10472.33	4.76	ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	504.47	502.13	520.81	509.14	2.00	ppb
Thallium	205-1	519.68	516.44	512.02	516.05	0.74	ppb
Tin	118-1	500.91	495.27	497.44	497.87	0.57	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	CCV067	Instrumnet Name :	P8
Client Sample ID :	CCV067	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 16:40:09	DataFile Name :	079CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5435.60	5570.16	5292.06	5432.61	2.56	ppb
Uranium	238-1	512.83	509.70	519.06	513.86	0.93	ppb
Vanadium	51-2	517.43	494.66	512.63	508.24	2.36	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	4932.54	4850.02	4857.29	4879.95	0.94	ppb
Zirconium	90-1	491.85	497.04	507.46	498.78	1.59	ppb
Zirconium	91-1	489.10	483.45	496.78	489.78	1.37	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	CCB067	Instrumnet Name :	P8
Client Sample ID :	CCB067	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 16:49:40	DataFile Name :	080CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.41	0.14	0.33	0.30	46.51	ppb
Antimony	121-1	0.08	0.06	0.08	0.07	20.68	ppb
Arsenic	75-2	-0.01	-0.02	-0.03	-0.02		ppb
Barium	135-1	0.10	0.08	0.04	0.07	38.16	ppb
Barium	137-1	0.10	0.06	0.06	0.07	31.77	ppb
Beryllium	9-1	0.01	-0.02	-0.02	-0.01		ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Boron	10-1	11.21	10.47	10.81	10.83	3.43	ppb
Boron	11-1	10.02	10.06	10.64	10.24	3.40	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.04	-0.07	-0.10	-0.07		ppb
Cadmium	106-1	0.41	0.18	-2.28	-0.56		ppb
Cadmium	108-1	0.64	0.89	0.26	0.60	53.51	ppb
Calcium	43-1	6.91	6.30	5.12	6.11	14.93	ppb
Calcium	44-1	8.76	8.26	2.60	6.54	52.28	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.06	-0.07	0.03	0.01	868.78	ppb
Cobalt	59-2	-0.01	-0.01	-0.02	-0.01		ppb
Copper	63-2	0.06	0.02	0.01	0.03	106.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	54-2	3.97	1.15	1.04	2.05	80.87	ppb
Iron	56-2	2.65	2.16	1.32	2.05	32.95	ppb
Iron	57-2	3.10	1.11	1.00	1.74	68.03	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	CCB067	Instrumnet Name :	P8
Client Sample ID :	CCB067	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 16:49:40	DataFile Name :	080CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.11	0.06	0.05	0.07	46.93	ppb
Lead	207-1	0.06	0.05	0.03	0.05	37.85	ppb
Lead	208-1	0.07	0.06	0.03	0.05	38.59	ppb
Lithium	6-1				115		%
Magnesium	24-2	4.64	1.26	2.45	2.79	61.53	ppb
Manganese	55-2	0.21	0.15	0.17	0.17	18.48	ppb
Molybdenum	94-1	0.14	0.10	0.03	0.09	62.71	ppb
Molybdenum	95-1	0.20	0.12	0.11	0.15	34.48	ppb
Molybdenum	96-1	0.12	0.10	0.10	0.11	7.24	ppb
Molybdenum	97-1	0.19	0.14	0.10	0.15	32.22	ppb
Molybdenum	98-1	0.17	0.12	0.08	0.12	37.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.03	0.01	-0.01		ppb
Phosphorus	31-2	-45.98	-50.98	-47.51	-48.16		ppb
Potassium	39-2	20.30	4.90	-1.44	7.92	141.14	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.05	2.17	-0.29	0.61	221.13	ppb
Selenium	77-2	1.53	0.00	0.00	0.51	173.21	ppb
Selenium	78-2	2.00	-0.31	0.45	0.71	165.28	ppb
Silicon	28-1	-2.18	2.43	-4.78	-1.51		ppb
Silver	107-1	0.02	0.02	0.03	0.02	26.82	ppb
Silver	109-1	0.01	0.00	0.00	0.01	56.77	ppb
Sodium	23-2	29.93	24.39	22.44	25.59	15.19	ppb
Strontium	86-1	0.32	0.15	0.24	0.24	34.31	ppb
Strontium	88-1	0.15	0.13	0.09	0.12	25.08	ppb
Sulfur	34-1	476.68	631.63	84.10	397.47	71.01	ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	-0.13	-0.12	-0.11	-0.12		ppb
Thallium	205-1	-0.11	-0.13	-0.14	-0.13		ppb
Tin	118-1	-0.32	-0.18	-0.33	-0.28		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	CCB067	Instrumnet Name :	P8
Client Sample ID :	CCB067	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 16:49:40	DataFile Name :	080CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.14	0.07	0.00	0.07	95.47	ppb
Uranium	238-1	0.02	0.01	0.01	0.01	44.12	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	147.60	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	0.21	0.08	0.04	0.11	77.31	ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	58.93	ppb
Zirconium	91-1	0.03	0.02	0.01	0.02	37.42	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-01	Instrumnet Name :	P8
Client Sample ID :	MH1D92	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 16:52:49	DataFile Name :	081AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	58.30	55.82	57.24	57.12	2.17	ppb
Antimony	121-1	6.08	5.82	5.87	5.93	2.36	ppb
Arsenic	75-2	6.10	5.84	5.99	5.98	2.13	ppb
Barium	135-1	12.28	11.97	12.34	12.20	1.61	ppb
Barium	137-1	12.30	11.85	12.49	12.22	2.68	ppb
Beryllium	9-1	-0.02	-0.03	0.01	-0.01		ppb
Bismuth	209-1				98		%
Bismuth	209-2				103		%
Boron	10-1	20.26	20.17	22.92	21.11	7.39	ppb
Boron	11-1	21.30	20.12	21.59	21.01	3.70	ppb
Bromine	81-1						cps
Cadmium	111-1	2.84	2.69	2.88	2.80	3.45	ppb
Cadmium	106-1	2.52	2.89	5.49	3.64	44.47	ppb
Cadmium	108-1	2.52	2.77	4.00	3.10	25.50	ppb
Calcium	43-1	64284.12	61288.43	62576.83	62716.46	2.40	ppb
Calcium	44-1	64350.88	61755.89	61449.11	62518.63	2.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.38	0.30	0.36	0.35	11.76	ppb
Cobalt	59-2	0.47	0.42	0.39	0.43	8.97	ppb
Copper	63-2	13.76	13.82	13.77	13.78	0.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				103		%
Indium	115-1				97		%
Indium	115-2				101		%
Iron	54-2	330.17	321.39	324.45	325.34	1.37	ppb
Iron	56-2	329.58	324.73	328.15	327.49	0.76	ppb
Iron	57-2	381.65	384.42	383.28	383.12	0.36	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-01	Instrumnet Name :	P8
Client Sample ID :	MH1D92	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 16:52:49	DataFile Name :	081AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4.17	4.16	4.39	4.24	3.15	ppb
Lead	207-1	4.12	4.38	4.35	4.28	3.36	ppb
Lead	208-1	4.14	4.27	4.39	4.27	2.85	ppb
Lithium	6-1				112		%
Magnesium	24-2	9501.75	9612.14	9842.25	9652.05	1.80	ppb
Manganese	55-2	22.17	21.84	22.37	22.12	1.21	ppb
Molybdenum	94-1	2.56	2.19	2.56	2.44	8.74	ppb
Molybdenum	95-1	2.88	2.70	2.96	2.85	4.57	ppb
Molybdenum	96-1	2.66	2.61	2.87	2.71	5.13	ppb
Molybdenum	97-1	2.95	2.54	3.03	2.84	9.30	ppb
Molybdenum	98-1	2.98	2.68	2.75	2.80	5.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.91	0.92	1.04	0.96	7.57	ppb
Phosphorus	31-2	-4.35	-27.41	-52.41	-28.06		ppb
Potassium	39-2	1446.27	1475.40	1484.35	1468.67	1.36	ppb
Rhodium	103-1				95		%
Rhodium	103-2				104		%
Scandium	45-1				99		%
Scandium	45-2				105		%
Selenium	82-1	3.02	2.58	1.76	2.45	26.06	ppb
Selenium	77-2	0.00	2.73	2.89	1.87	86.70	ppb
Selenium	78-2	2.30	1.53	1.99	1.94	19.99	ppb
Silicon	28-1	7911.90	7700.01	7531.12	7714.34	2.47	ppb
Silver	107-1	0.03	0.03	0.02	0.03	32.08	ppb
Silver	109-1	0.05	0.02	0.02	0.03	47.58	ppb
Sodium	23-2	18500.36	18362.02	18826.44	18562.94	1.28	ppb
Strontium	86-1	155.83	152.65	163.60	157.36	3.58	ppb
Strontium	88-1	160.21	154.98	162.22	159.14	2.35	ppb
Sulfur	34-1	23018.99	20576.95	20490.48	21362.14	6.72	ppb
Terbium	159-1				98		%
Terbium	159-2				103		%
Thallium	203-1	-0.14	-0.14	-0.13	-0.14		ppb
Thallium	205-1	-0.11	-0.14	-0.14	-0.13		ppb
Tin	118-1	-2.81	-2.77	-1.96	-2.51		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-01	Instrumnet Name :	P8
Client Sample ID :	MH1D92	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 16:52:49	DataFile Name :	081AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.93	1.65	1.46	1.68	13.98	ppb
Uranium	238-1	2.06	2.04	2.18	2.09	3.68	ppb
Vanadium	51-2	0.64	0.62	0.54	0.60	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				103		%
Zinc	66-2	645.16	647.39	658.33	650.29	1.08	ppb
Zirconium	90-1	0.05	0.05	0.07	0.05	17.07	ppb
Zirconium	91-1	0.05	0.05	0.02	0.04	52.85	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-02	Instrumnet Name :	P8
Client Sample ID :	MH1D94	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 16:55:50	DataFile Name :	082AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	110.94	114.67	110.22	111.94	2.13	ppb
Antimony	121-1	5.54	5.80	5.99	5.78	3.92	ppb
Arsenic	75-2	4.78	4.98	4.71	4.82	2.90	ppb
Barium	135-1	16.68	16.57	16.18	16.48	1.58	ppb
Barium	137-1	16.50	16.71	16.58	16.60	0.64	ppb
Beryllium	9-1	-0.02	0.00	-0.01	-0.01		ppb
Bismuth	209-1				99		%
Bismuth	209-2				91		%
Boron	10-1	22.57	24.02	24.70	23.76	4.58	ppb
Boron	11-1	21.59	23.12	23.38	22.70	4.25	ppb
Bromine	81-1						cps
Cadmium	111-1	2.65	2.25	2.66	2.52	9.23	ppb
Cadmium	106-1	3.17	3.79	-0.57	2.13	110.87	ppb
Cadmium	108-1	2.37	3.00	2.63	2.67	11.94	ppb
Calcium	43-1	61584.75	63954.38	63670.85	63070.00	2.05	ppb
Calcium	44-1	60035.39	61553.25	62767.65	61452.10	2.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.63	0.61	0.54	0.59	7.94	ppb
Cobalt	59-2	0.33	0.32	0.29	0.31	5.92	ppb
Copper	63-2	8.66	8.73	8.75	8.71	0.56	ppb
Dysprosium	156-1						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				93		%
Indium	115-1				101		%
Indium	115-2				90		%
Iron	54-2	255.02	268.95	247.31	257.09	4.27	ppb
Iron	56-2	270.71	268.03	254.83	264.52	3.21	ppb
Iron	57-2	320.87	324.76	325.18	323.60	0.73	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-02	Instrumnet Name :	P8
Client Sample ID :	MH1D94	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 16:55:50	DataFile Name :	082AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	5.06	5.43	5.16	5.22	3.62	ppb
Lead	207-1	5.06	5.30	5.30	5.22	2.70	ppb
Lead	208-1	5.24	5.41	5.26	5.30	1.71	ppb
Lithium	6-1				110		%
Magnesium	24-2	11357.21	11726.49	10752.33	11278.68	4.36	ppb
Manganese	55-2	37.57	37.47	35.33	36.79	3.45	ppb
Molybdenum	94-1	2.33	2.53	2.52	2.46	4.51	ppb
Molybdenum	95-1	2.77	2.87	2.68	2.77	3.52	ppb
Molybdenum	96-1	2.53	2.53	2.60	2.55	1.62	ppb
Molybdenum	97-1	2.71	2.97	2.65	2.77	6.03	ppb
Molybdenum	98-1	2.65	2.74	2.76	2.72	2.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.20	1.31	1.11	1.21	8.45	ppb
Phosphorus	31-2	-19.22	-13.01	-37.03	-23.09		ppb
Potassium	39-2	1894.09	1872.82	1749.05	1838.65	4.26	ppb
Rhodium	103-1				98		%
Rhodium	103-2				93		%
Scandium	45-1				102		%
Scandium	45-2				93		%
Selenium	82-1	3.04	3.07	2.83	2.98	4.37	ppb
Selenium	77-2	1.59	1.63	4.70	2.64	67.52	ppb
Selenium	78-2	2.81	1.40	2.27	2.16	32.99	ppb
Silicon	28-1	7439.07	7240.47	7460.79	7380.11	1.65	ppb
Silver	107-1	0.03	0.04	0.03	0.03	9.78	ppb
Silver	109-1	0.03	0.04	0.02	0.03	31.87	ppb
Sodium	23-2	35048.18	35852.60	32145.28	34348.68	5.68	ppb
Strontium	86-1	166.59	170.43	172.36	169.79	1.73	ppb
Strontium	88-1	166.65	174.42	172.05	171.04	2.33	ppb
Sulfur	34-1	20816.01	20846.79	20590.55	20751.12	0.67	ppb
Terbium	159-1				101		%
Terbium	159-2				91		%
Thallium	203-1	-0.10	-0.13	-0.13	-0.12		ppb
Thallium	205-1	-0.14	-0.14	-0.13	-0.13		ppb
Tin	118-1	-2.86	-1.92	-2.75	-2.51		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-02	Instrumnet Name :	P8
Client Sample ID :	MH1D94	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 16:55:50	DataFile Name :	082AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	3.11	2.72	2.86	2.90	6.82	ppb
Uranium	238-1	1.99	2.03	2.04	2.02	1.24	ppb
Vanadium	51-2	0.76	0.68	0.71	0.72	5.10	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				91		%
Zinc	66-2	625.24	626.43	601.42	617.70	2.28	ppb
Zirconium	90-1	0.10	0.10	0.09	0.10	4.20	ppb
Zirconium	91-1	0.11	0.07	0.99	0.39	133.36	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-03	Instrumnet Name :	P8
Client Sample ID :	MH1D96	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 16:58:49	DataFile Name :	083AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	103.62	103.13	105.36	104.04	1.13	ppb
Antimony	121-1	5.40	5.57	5.60	5.52	1.90	ppb
Arsenic	75-2	4.31	4.06	4.40	4.26	4.17	ppb
Barium	135-1	16.35	16.01	16.26	16.20	1.09	ppb
Barium	137-1	16.51	16.05	16.19	16.25	1.43	ppb
Beryllium	9-1	0.00	-0.02	-0.01	-0.01		ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Boron	10-1	22.13	22.17	23.75	22.68	4.07	ppb
Boron	11-1	21.65	22.26	23.87	22.59	5.09	ppb
Bromine	81-1						cps
Cadmium	111-1	2.48	2.54	2.57	2.53	1.93	ppb
Cadmium	106-1	1.85	3.20	1.67	2.24	37.28	ppb
Cadmium	108-1	1.70	2.42	2.21	2.11	17.45	ppb
Calcium	43-1	62310.02	63457.85	63794.69	63187.52	1.23	ppb
Calcium	44-1	60619.62	63949.27	63037.23	62535.37	2.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.27	0.37	0.45	0.36	24.11	ppb
Cobalt	59-2	0.28	0.27	0.26	0.27	3.98	ppb
Copper	63-2	7.49	7.46	7.62	7.53	1.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	54-2	223.94	223.17	228.13	225.08	1.18	ppb
Iron	56-2	238.50	228.65	232.68	233.28	2.12	ppb
Iron	57-2	273.44	289.41	273.66	278.84	3.28	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-03	Instrumnet Name :	P8
Client Sample ID :	MH1D96	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 16:58:49	DataFile Name :	083AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	5.11	5.24	5.30	5.22	1.90	ppb
Lead	207-1	5.26	5.24	5.28	5.26	0.38	ppb
Lead	208-1	5.24	5.25	5.25	5.25	0.04	ppb
Lithium	6-1				113		%
Magnesium	24-2	9806.04	10089.72	10092.33	9996.03	1.65	ppb
Manganese	55-2	32.64	31.79	31.84	32.09	1.49	ppb
Molybdenum	94-1	2.46	2.43	2.69	2.52	5.64	ppb
Molybdenum	95-1	2.66	2.53	2.54	2.58	2.80	ppb
Molybdenum	96-1	2.42	2.67	2.51	2.53	4.95	ppb
Molybdenum	97-1	2.63	3.00	2.67	2.77	7.17	ppb
Molybdenum	98-1	2.56	2.70	2.72	2.66	3.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.95	1.08	0.95	0.99	7.42	ppb
Phosphorus	31-2	-22.31	-51.95	-4.44	-26.23		ppb
Potassium	39-2	1582.85	1600.13	1526.92	1569.97	2.44	ppb
Rhodium	103-1				100		%
Rhodium	103-2				104		%
Scandium	45-1				100		%
Scandium	45-2				104		%
Selenium	82-1	2.10	2.00	1.31	1.80	23.93	ppb
Selenium	77-2	4.22	1.42	2.81	2.82	49.71	ppb
Selenium	78-2	1.71	2.03	1.69	1.81	10.58	ppb
Silicon	28-1	7390.09	7411.19	7483.79	7428.36	0.66	ppb
Silver	107-1	0.07	0.10	0.08	0.08	17.43	ppb
Silver	109-1	0.07	0.07	0.06	0.07	8.50	ppb
Sodium	23-2	30994.21	31556.11	30689.70	31080.01	1.41	ppb
Strontium	86-1	166.10	172.89	170.95	169.98	2.06	ppb
Strontium	88-1	162.66	170.82	167.99	167.16	2.48	ppb
Sulfur	34-1	20194.16	21154.28	21180.94	20843.13	2.70	ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	-0.12	-0.13	-0.14	-0.13		ppb
Thallium	205-1	-0.15	-0.13	-0.14	-0.14		ppb
Tin	118-1	-2.68	-2.50	-2.68	-2.62		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-03	Instrumnet Name :	P8
Client Sample ID :	MH1D96	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 16:58:49	DataFile Name :	083AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.54	3.08	2.67	2.76	10.18	ppb
Uranium	238-1	1.90	1.90	1.98	1.93	2.26	ppb
Vanadium	51-2	0.62	0.55	0.57	0.58	6.68	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	532.44	544.58	537.34	538.12	1.13	ppb
Zirconium	90-1	0.09	0.08	0.08	0.08	6.30	ppb
Zirconium	91-1	0.11	0.11	0.13	0.12	11.93	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-04	Instrumnet Name :	P8
Client Sample ID :	MH1D98	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:01:50	DataFile Name :	084AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40.68	41.20	40.03	40.64	1.44	ppb
Antimony	121-1	5.56	5.60	5.65	5.60	0.74	ppb
Arsenic	75-2	3.35	3.45	3.25	3.35	2.92	ppb
Barium	135-1	18.18	18.30	19.64	18.70	4.32	ppb
Barium	137-1	18.37	18.46	19.35	18.72	2.90	ppb
Beryllium	9-1	-0.01	-0.04	0.01	-0.01		ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Boron	10-1	24.33	24.61	26.36	25.10	4.38	ppb
Boron	11-1	24.16	24.35	24.48	24.33	0.67	ppb
Bromine	81-1						cps
Cadmium	111-1	2.59	2.61	2.54	2.58	1.40	ppb
Cadmium	106-1	2.32	2.84	4.25	3.14	31.83	ppb
Cadmium	108-1	1.90	2.20	2.70	2.26	17.82	ppb
Calcium	43-1	67755.23	67814.64	68218.11	67929.33	0.37	ppb
Calcium	44-1	67241.73	66313.10	69279.45	67611.43	2.24	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.27	0.14	0.34	0.25	40.65	ppb
Cobalt	59-2	0.06	0.09	0.07	0.07	19.42	ppb
Copper	63-2	3.28	3.40	3.19	3.29	3.25	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				101		%
Holmium	165-2				101		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	54-2	78.42	76.83	80.66	78.64	2.45	ppb
Iron	56-2	80.38	80.63	79.53	80.18	0.72	ppb
Iron	57-2	132.08	132.81	142.55	135.81	4.30	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-04	Instrumnet Name :	P8
Client Sample ID :	MH1D98	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:01:50	DataFile Name :	084AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2.66	2.75	2.86	2.75	3.60	ppb
Lead	207-1	2.68	2.85	2.82	2.78	3.21	ppb
Lead	208-1	2.65	2.78	2.80	2.74	2.95	ppb
Lithium	6-1				113		%
Magnesium	24-2	10866.98	11015.53	11055.97	10979.49	0.91	ppb
Manganese	55-2	11.24	10.95	11.34	11.18	1.82	ppb
Molybdenum	94-1	2.42	2.25	2.48	2.38	4.94	ppb
Molybdenum	95-1	2.98	2.67	2.92	2.86	5.75	ppb
Molybdenum	96-1	2.80	2.55	2.76	2.70	5.01	ppb
Molybdenum	97-1	3.00	2.62	2.90	2.84	7.00	ppb
Molybdenum	98-1	2.83	2.71	2.79	2.77	2.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.96	0.82	0.95	0.91	8.31	ppb
Phosphorus	31-2	-30.28	-68.74	-27.99	-42.34		ppb
Potassium	39-2	1691.93	1685.65	1703.02	1693.53	0.52	ppb
Rhodium	103-1				97		%
Rhodium	103-2				102		%
Scandium	45-1				98		%
Scandium	45-2				102		%
Selenium	82-1	3.86	1.26	2.31	2.47	52.87	ppb
Selenium	77-2	1.41	2.83	2.96	2.40	35.87	ppb
Selenium	78-2	0.73	2.48	2.14	1.78	52.15	ppb
Silicon	28-1	7095.24	7402.85	7629.78	7375.96	3.64	ppb
Silver	107-1	0.01	0.02	0.02	0.02	28.46	ppb
Silver	109-1	0.01	0.01	0.02	0.01	42.87	ppb
Sodium	23-2	39635.21	38129.62	40310.06	39358.30	2.84	ppb
Strontium	86-1	180.55	178.08	186.15	181.59	2.28	ppb
Strontium	88-1	181.59	179.69	180.11	180.46	0.55	ppb
Sulfur	34-1	23383.69	24089.98	24724.65	24066.10	2.79	ppb
Terbium	159-1				98		%
Terbium	159-2				102		%
Thallium	203-1	-0.12	-0.11	-0.12	-0.12		ppb
Thallium	205-1	-0.14	-0.14	-0.14	-0.14		ppb
Tin	118-1	-2.74	-2.39	-2.54	-2.56		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-04	Instrumnet Name :	P8
Client Sample ID :	MH1D98	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:01:50	DataFile Name :	084AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.55	1.63	1.42	1.53	6.67	ppb
Uranium	238-1	1.97	1.95	1.99	1.97	1.03	ppb
Vanadium	51-2	0.46	0.50	0.55	0.50	9.28	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	481.48	492.54	479.50	484.51	1.45	ppb
Zirconium	90-1	0.05	0.06	0.05	0.05	7.29	ppb
Zirconium	91-1	0.03	0.08	0.06	0.05	46.75	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-05	Instrumnet Name :	P8
Client Sample ID :	MH1E00	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:04:48	DataFile Name :	085AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	197.22	199.13	194.51	196.95	1.18	ppb
Antimony	121-1	5.88	5.80	6.03	5.90	1.97	ppb
Arsenic	75-2	3.87	3.81	3.60	3.76	3.84	ppb
Barium	135-1	18.75	19.60	19.21	19.19	2.22	ppb
Barium	137-1	18.57	19.06	19.33	18.99	2.03	ppb
Beryllium	9-1	-0.02	0.00	0.02	0.00		ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	22.69	25.36	25.92	24.66	7.01	ppb
Boron	11-1	22.61	25.09	23.83	23.84	5.21	ppb
Bromine	81-1						cps
Cadmium	111-1	2.53	2.76	2.58	2.63	4.50	ppb
Cadmium	106-1	-1.57	4.38	0.44	1.09	278.47	ppb
Cadmium	108-1	2.48	2.34	2.44	2.42	3.04	ppb
Calcium	43-1	62700.06	64767.96	66342.32	64603.45	2.83	ppb
Calcium	44-1	64602.00	63204.38	64346.79	64051.06	1.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.45	0.48	0.39	0.44	9.82	ppb
Cobalt	59-2	0.16	0.15	0.20	0.17	17.72	ppb
Copper	63-2	5.12	4.92	5.07	5.04	2.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	54-2	221.44	207.53	227.24	218.74	4.63	ppb
Iron	56-2	229.16	232.68	230.38	230.74	0.77	ppb
Iron	57-2	280.49	289.21	272.32	280.67	3.01	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-05	Instrumnet Name :	P8
Client Sample ID :	MH1E00	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:04:48	DataFile Name :	085AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	11.91	12.14	12.54	12.20	2.60	ppb
Lead	207-1	12.21	12.06	12.20	12.15	0.67	ppb
Lead	208-1	12.24	12.10	12.36	12.23	1.06	ppb
Lithium	6-1				111		%
Magnesium	24-2	10692.81	10648.65	10672.32	10671.26	0.21	ppb
Manganese	55-2	17.19	17.23	16.64	17.02	1.95	ppb
Molybdenum	94-1	2.20	2.21	2.56	2.32	8.85	ppb
Molybdenum	95-1	2.62	2.51	2.66	2.60	3.06	ppb
Molybdenum	96-1	2.48	2.37	2.58	2.47	4.22	ppb
Molybdenum	97-1	2.76	2.62	2.50	2.63	5.04	ppb
Molybdenum	98-1	2.58	2.71	2.68	2.66	2.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.03	0.97	0.97	0.99	3.60	ppb
Phosphorus	31-2	-23.40	-35.89	-15.17	-24.82		ppb
Potassium	39-2	1738.51	1667.41	1639.44	1681.79	3.04	ppb
Rhodium	103-1				97		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	82-1	1.20	0.69	1.50	1.13	36.33	ppb
Selenium	77-2	2.90	1.49	0.00	1.46	99.07	ppb
Selenium	78-2	1.64	1.30	0.99	1.31	24.68	ppb
Silicon	28-1	7273.74	7306.36	7375.57	7318.56	0.71	ppb
Silver	107-1	0.05	0.06	0.09	0.06	31.49	ppb
Silver	109-1	0.07	0.09	0.07	0.08	10.81	ppb
Sodium	23-2	35877.68	36634.21	36129.83	36213.91	1.06	ppb
Strontium	86-1	170.71	168.49	175.62	171.61	2.13	ppb
Strontium	88-1	170.40	170.34	175.82	172.19	1.83	ppb
Sulfur	34-1	22718.28	22208.10	22319.20	22415.20	1.20	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	-0.12	-0.11	-0.11	-0.11		ppb
Thallium	205-1	-0.12	-0.13	-0.13	-0.13		ppb
Tin	118-1	-2.77	-2.70	-2.62	-2.70		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-05	Instrumnet Name :	P8
Client Sample ID :	MH1E00	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:04:48	DataFile Name :	085AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.22	4.95	4.86	5.01	3.72	ppb
Uranium	238-1	1.88	1.91	1.88	1.89	0.87	ppb
Vanadium	51-2	0.80	0.87	0.89	0.85	5.09	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	500.23	503.02	493.57	498.94	0.97	ppb
Zirconium	90-1	0.13	1.40	0.17	0.57	126.77	ppb
Zirconium	91-1	0.14	0.17	0.13	0.14	13.25	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-06	Instrumnet Name :	P8
Client Sample ID :	MH1E02	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:07:48	DataFile Name :	086AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	217.13	209.49	207.77	211.46	2.36	ppb
Antimony	121-1	5.65	5.62	5.75	5.67	1.25	ppb
Arsenic	75-2	3.80	3.75	4.13	3.89	5.37	ppb
Barium	135-1	19.94	18.36	18.70	19.00	4.38	ppb
Barium	137-1	19.87	19.52	19.38	19.59	1.29	ppb
Beryllium	9-1	-0.01	-0.01	-0.01	-0.01		ppb
Bismuth	209-1				96		%
Bismuth	209-2				100		%
Boron	10-1	25.29	25.78	25.28	25.45	1.13	ppb
Boron	11-1	24.19	25.46	26.14	25.26	3.92	ppb
Bromine	81-1						cps
Cadmium	111-1	3.11	3.28	3.18	3.19	2.68	ppb
Cadmium	106-1	1.95	4.20	3.35	3.17	35.79	ppb
Cadmium	108-1	3.25	3.15	3.93	3.44	12.29	ppb
Calcium	43-1	67027.19	67388.81	66653.67	67023.22	0.55	ppb
Calcium	44-1	68007.78	66349.89	68570.17	67642.61	1.71	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.69	0.63	0.70	0.67	5.30	ppb
Cobalt	59-2	0.18	0.19	0.20	0.19	5.96	ppb
Copper	63-2	5.85	5.74	5.85	5.82	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				102		%
Indium	115-1				97		%
Indium	115-2				99		%
Iron	54-2	280.19	273.90	273.03	275.71	1.42	ppb
Iron	56-2	282.16	292.42	288.50	287.69	1.80	ppb
Iron	57-2	328.25	328.30	339.64	332.07	1.98	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-06	Instrumnet Name :	P8
Client Sample ID :	MH1E02	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:07:48	DataFile Name :	086AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	12.30	12.56	12.65	12.50	1.48	ppb
Lead	207-1	12.60	12.33	13.25	12.72	3.72	ppb
Lead	208-1	12.36	12.32	12.97	12.55	2.90	ppb
Lithium	6-1				110		%
Magnesium	24-2	11034.76	10657.01	10800.83	10830.87	1.76	ppb
Manganese	55-2	26.45	26.19	26.73	26.46	1.03	ppb
Molybdenum	94-1	2.46	2.36	2.50	2.44	2.81	ppb
Molybdenum	95-1	2.48	2.56	2.63	2.56	2.92	ppb
Molybdenum	96-1	2.49	2.48	2.60	2.52	2.65	ppb
Molybdenum	97-1	2.42	2.51	2.61	2.51	3.64	ppb
Molybdenum	98-1	2.49	2.36	2.78	2.54	8.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.15	1.14	1.16	1.15	0.87	ppb
Phosphorus	31-2	-28.90	-42.54	-1.70	-24.38		ppb
Potassium	39-2	1799.94	1805.96	1768.94	1791.62	1.11	ppb
Rhodium	103-1				95		%
Rhodium	103-2				103		%
Scandium	45-1				100		%
Scandium	45-2				102		%
Selenium	82-1	2.68	2.43	3.32	2.81	16.44	ppb
Selenium	77-2	1.39	0.00	0.00	0.46	173.21	ppb
Selenium	78-2	2.84	2.35	1.33	2.18	35.36	ppb
Silicon	28-1	7377.47	7213.69	7148.41	7246.52	1.63	ppb
Silver	107-1	0.10	0.09	0.12	0.10	14.30	ppb
Silver	109-1	0.07	0.10	0.09	0.09	20.02	ppb
Sodium	23-2	42726.73	41950.61	44015.55	42897.63	2.43	ppb
Strontium	86-1	180.96	175.50	180.87	179.11	1.75	ppb
Strontium	88-1	180.80	180.42	182.33	181.18	0.56	ppb
Sulfur	34-1	25376.84	23702.51	24024.27	24367.87	3.65	ppb
Terbium	159-1				99		%
Terbium	159-2				101		%
Thallium	203-1	-0.12	-0.10	-0.10	-0.11		ppb
Thallium	205-1	-0.09	-0.12	-0.11	-0.11		ppb
Tin	118-1	-2.62	-1.62	-2.71	-2.32		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-06	Instrumnet Name :	P8
Client Sample ID :	MH1E02	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:07:48	DataFile Name :	086AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	12.59	6.29	5.57	8.15	47.37	ppb
Uranium	238-1	1.85	1.82	1.87	1.85	1.46	ppb
Vanadium	51-2	0.90	0.86	0.93	0.90	3.95	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				102		%
Zinc	66-2	546.29	547.76	548.74	547.59	0.23	ppb
Zirconium	90-1	0.20	0.14	0.20	0.18	17.55	ppb
Zirconium	91-1	0.13	0.15	0.21	0.16	24.46	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-07	Instrumnet Name :	P8
Client Sample ID :	MH1E04	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:10:46	DataFile Name :	087AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	247.48	261.06	245.62	251.39	3.35	ppb
Antimony	121-1	6.00	6.45	6.01	6.15	4.13	ppb
Arsenic	75-2	4.04	4.36	4.14	4.18	3.90	ppb
Barium	135-1	20.09	20.67	19.43	20.07	3.09	ppb
Barium	137-1	19.47	20.95	19.76	20.06	3.92	ppb
Beryllium	9-1	-0.02	-0.02	0.00	-0.01		ppb
Bismuth	209-1				96		%
Bismuth	209-2				97		%
Boron	10-1	23.17	23.74	27.01	24.64	8.42	ppb
Boron	11-1	22.50	23.63	26.13	24.09	7.70	ppb
Bromine	81-1						cps
Cadmium	111-1	2.56	2.61	2.62	2.60	1.22	ppb
Cadmium	106-1	2.67	5.28	1.80	3.25	55.85	ppb
Cadmium	108-1	2.64	1.54	2.47	2.22	26.75	ppb
Calcium	43-1	65777.15	68140.21	65970.56	66629.31	1.97	ppb
Calcium	44-1	65677.03	66446.43	64753.88	65625.78	1.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.80	0.65	0.62	0.69	13.92	ppb
Cobalt	59-2	0.22	0.21	0.19	0.21	5.85	ppb
Copper	63-2	6.05	6.07	6.00	6.04	0.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				99		%
Indium	115-1				95		%
Indium	115-2				95		%
Iron	54-2	314.81	316.57	305.29	312.22	1.94	ppb
Iron	56-2	314.59	332.90	317.43	321.64	3.06	ppb
Iron	57-2	360.22	373.39	380.69	371.43	2.79	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-07	Instrumnet Name :	P8
Client Sample ID :	MH1E04	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:10:46	DataFile Name :	087AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	14.25	14.82	14.69	14.59	2.04	ppb
Lead	207-1	14.48	15.12	14.52	14.70	2.43	ppb
Lead	208-1	14.48	14.82	14.74	14.68	1.20	ppb
Lithium	6-1				107		%
Magnesium	24-2	10733.74	10813.36	10962.33	10836.48	1.07	ppb
Manganese	55-2	23.70	24.21	23.05	23.65	2.46	ppb
Molybdenum	94-1	2.54	2.72	2.71	2.66	3.73	ppb
Molybdenum	95-1	2.63	2.69	2.91	2.74	5.42	ppb
Molybdenum	96-1	2.56	2.75	2.42	2.58	6.29	ppb
Molybdenum	97-1	2.42	2.65	2.72	2.59	6.09	ppb
Molybdenum	98-1	2.54	2.61	2.67	2.60	2.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.38	1.24	1.14	1.25	9.56	ppb
Phosphorus	31-2	-8.44	-52.23	-26.16	-28.94		ppb
Potassium	39-2	1748.06	1773.82	1706.06	1742.64	1.96	ppb
Rhodium	103-1				93		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				99		%
Selenium	82-1	2.98	1.34	2.42	2.25	37.26	ppb
Selenium	77-2	1.52	5.93	1.51	2.99	85.41	ppb
Selenium	78-2	2.87	1.91	3.74	2.84	32.28	ppb
Silicon	28-1	7390.39	7443.12	6940.92	7258.14	3.80	ppb
Silver	107-1	0.12	0.09	0.13	0.11	19.38	ppb
Silver	109-1	0.13	0.13	0.10	0.12	14.72	ppb
Sodium	23-2	38256.09	38819.54	37411.43	38162.35	1.86	ppb
Strontium	86-1	176.00	178.06	178.69	177.58	0.79	ppb
Strontium	88-1	174.36	177.82	183.60	178.59	2.62	ppb
Sulfur	34-1	23828.35	24824.09	22692.95	23781.80	4.48	ppb
Terbium	159-1				96		%
Terbium	159-2				98		%
Thallium	203-1	-0.14	-0.13	-0.15	-0.14		ppb
Thallium	205-1	-0.13	-0.13	-0.13	-0.13		ppb
Tin	118-1	-2.73	-2.72	-2.63	-2.70		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-07	Instrumnet Name :	P8
Client Sample ID :	MH1E04	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:10:46	DataFile Name :	087AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.84	6.77	6.36	6.32	7.35	ppb
Uranium	238-1	1.83	1.94	1.93	1.90	3.27	ppb
Vanadium	51-2	1.08	1.06	1.11	1.08	2.39	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	469.81	487.95	469.61	475.79	2.21	ppb
Zirconium	90-1	0.21	0.18	0.20	0.20	7.57	ppb
Zirconium	91-1	0.19	0.26	0.14	0.20	30.93	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-08	Instrumnet Name :	P8
Client Sample ID :	MH1E06	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:13:47	DataFile Name :	088AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49.40	50.71	48.31	49.48	2.44	ppb
Antimony	121-1	5.19	5.17	5.28	5.22	1.08	ppb
Arsenic	75-2	3.03	3.02	3.10	3.05	1.44	ppb
Barium	135-1	20.09	20.71	19.93	20.25	2.04	ppb
Barium	137-1	20.25	20.60	20.57	20.47	0.96	ppb
Beryllium	9-1	-0.01	0.01	-0.03	-0.01		ppb
Bismuth	209-1				94		%
Bismuth	209-2				95		%
Boron	10-1	29.66	32.41	30.33	30.80	4.66	ppb
Boron	11-1	29.10	31.37	31.02	30.50	4.00	ppb
Bromine	81-1						cps
Cadmium	111-1	4.49	4.35	4.22	4.35	3.11	ppb
Cadmium	106-1	3.19	5.83	3.98	4.33	31.22	ppb
Cadmium	108-1	3.00	4.25	3.72	3.65	17.19	ppb
Calcium	43-1	77622.28	79517.17	79583.37	78907.61	1.41	ppb
Calcium	44-1	75307.83	76104.54	77155.36	76189.24	1.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.13	0.18	0.25	0.19	30.85	ppb
Cobalt	59-2	0.12	0.12	0.08	0.11	21.54	ppb
Copper	63-2	2.89	2.90	3.04	2.94	2.91	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				97		%
Holmium	165-2				98		%
Indium	115-1				96		%
Indium	115-2				94		%
Iron	54-2	100.30	102.42	99.89	100.87	1.35	ppb
Iron	56-2	99.23	100.43	103.86	101.17	2.38	ppb
Iron	57-2	158.22	170.66	178.67	169.18	6.09	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-08	Instrumnet Name :	P8
Client Sample ID :	MH1E06	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:13:47	DataFile Name :	088AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4.00	4.17	4.19	4.12	2.41	ppb
Lead	207-1	3.95	3.99	4.26	4.07	4.23	ppb
Lead	208-1	4.02	4.12	4.21	4.12	2.41	ppb
Lithium	6-1				103		%
Magnesium	24-2	12164.31	11967.94	12708.04	12280.09	3.12	ppb
Manganese	55-2	36.09	35.59	38.32	36.67	3.96	ppb
Molybdenum	94-1	1.96	2.10	2.13	2.06	4.37	ppb
Molybdenum	95-1	2.32	2.21	2.45	2.33	5.16	ppb
Molybdenum	96-1	2.22	2.19	2.25	2.22	1.33	ppb
Molybdenum	97-1	2.28	2.48	2.62	2.46	6.76	ppb
Molybdenum	98-1	2.26	2.28	2.34	2.30	1.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.39	1.56	1.39	1.45	6.78	ppb
Phosphorus	31-2	-45.33	-62.83	-37.37	-48.51		ppb
Potassium	39-2	2105.67	2116.58	2185.24	2135.83	2.02	ppb
Rhodium	103-1				93		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				99		%
Selenium	82-1	2.22	1.98	1.87	2.03	8.92	ppb
Selenium	77-2	3.01	1.47	0.00	1.49	100.87	ppb
Selenium	78-2	2.01	1.59	1.90	1.83	11.69	ppb
Silicon	28-1	6951.83	7049.37	7494.74	7165.31	4.04	ppb
Silver	107-1	0.03	0.04	0.03	0.03	18.83	ppb
Silver	109-1	0.03	0.04	0.04	0.03	17.67	ppb
Sodium	23-2	65868.56	64528.41	68238.29	66211.75	2.84	ppb
Strontium	86-1	200.63	195.80	197.89	198.11	1.22	ppb
Strontium	88-1	200.28	192.57	202.91	198.59	2.71	ppb
Sulfur	34-1	29277.98	30231.30	31124.31	30211.20	3.06	ppb
Terbium	159-1				96		%
Terbium	159-2				97		%
Thallium	203-1	-0.10	-0.13	-0.12	-0.12		ppb
Thallium	205-1	-0.09	-0.12	-0.12	-0.11		ppb
Tin	118-1	-2.78	-2.81	-2.75	-2.78		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-08	Instrumnet Name :	P8
Client Sample ID :	MH1E06	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:13:47	DataFile Name :	088AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.72	1.49	1.57	1.59	7.38	ppb
Uranium	238-1	1.76	1.78	1.78	1.77	0.58	ppb
Vanadium	51-2	0.44	0.58	0.59	0.54	15.33	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	733.42	733.00	766.39	744.27	2.57	ppb
Zirconium	90-1	0.06	0.05	0.02	0.05	43.64	ppb
Zirconium	91-1	0.07	0.05	0.10	0.07	32.24	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-09	Instrumnet Name :	P8
Client Sample ID :	MH1E08	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:16:44	DataFile Name :	089AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	509.44	499.47	508.28	505.73	1.08	ppb
Antimony	121-1	6.03	5.98	5.85	5.95	1.61	ppb
Arsenic	75-2	5.44	5.39	5.30	5.38	1.40	ppb
Barium	135-1	35.48	37.73	36.69	36.63	3.07	ppb
Barium	137-1	35.84	37.78	37.36	36.99	2.76	ppb
Beryllium	9-1	-0.01	-0.03	-0.03	-0.02		ppb
Bismuth	209-1				96		%
Bismuth	209-2				96		%
Boron	10-1	34.97	33.98	35.30	34.75	1.98	ppb
Boron	11-1	35.62	33.78	35.41	34.94	2.89	ppb
Bromine	81-1						cps
Cadmium	111-1	5.16	5.50	5.51	5.39	3.74	ppb
Cadmium	106-1	4.96	4.91	6.32	5.40	14.81	ppb
Cadmium	108-1	3.87	3.66	4.09	3.87	5.62	ppb
Calcium	43-1	85775.17	88817.23	85322.95	86638.45	2.19	ppb
Calcium	44-1	86708.20	84727.67	84885.77	85440.55	1.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.00	0.85	0.88	0.91	9.06	ppb
Cobalt	59-2	0.51	0.46	0.50	0.49	5.30	ppb
Copper	63-2	7.93	7.58	7.68	7.73	2.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				95		%
Indium	115-2				96		%
Iron	54-2	903.27	926.71	891.33	907.10	1.98	ppb
Iron	56-2	951.05	927.28	931.13	936.49	1.36	ppb
Iron	57-2	1011.20	990.87	1011.61	1004.56	1.18	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-09	Instrumnet Name :	P8
Client Sample ID :	MH1E08	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:16:44	DataFile Name :	089AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	31.28	30.84	31.11	31.08	0.72	ppb
Lead	207-1	30.58	30.58	31.31	30.82	1.38	ppb
Lead	208-1	30.70	30.78	31.63	31.04	1.66	ppb
Lithium	6-1				108		%
Magnesium	24-2	13409.68	14129.38	13696.54	13745.20	2.64	ppb
Manganese	55-2	194.97	188.80	186.58	190.12	2.29	ppb
Molybdenum	94-1	2.28	2.46	2.31	2.35	4.10	ppb
Molybdenum	95-1	2.07	2.09	2.12	2.09	1.18	ppb
Molybdenum	96-1	2.11	1.83	1.95	1.96	7.26	ppb
Molybdenum	97-1	2.03	2.08	2.02	2.04	1.52	ppb
Molybdenum	98-1	2.01	1.95	1.93	1.96	2.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.16	2.16	2.32	2.21	4.22	ppb
Phosphorus	31-2	54.48	0.74	49.11	34.78	85.10	ppb
Potassium	39-2	2539.27	2456.02	2546.77	2514.02	2.00	ppb
Rhodium	103-1				95		%
Rhodium	103-2				100		%
Scandium	45-1				98		%
Scandium	45-2				100		%
Selenium	82-1	3.51	2.30	3.18	2.99	20.86	ppb
Selenium	77-2	0.00	4.54	5.81	3.45	88.54	ppb
Selenium	78-2	0.82	3.23	3.06	2.37	56.80	ppb
Silicon	28-1	7969.93	7961.75	7790.47	7907.38	1.28	ppb
Silver	107-1	0.27	0.35	0.31	0.31	13.06	ppb
Silver	109-1	0.31	0.33	0.30	0.31	4.64	ppb
Sodium	23-2	85807.82	85887.28	82745.14	84813.41	2.11	ppb
Strontium	86-1	220.16	227.64	220.13	222.64	1.94	ppb
Strontium	88-1	221.73	228.20	224.99	224.97	1.44	ppb
Sulfur	34-1	35775.67	33997.72	33136.03	34303.14	3.92	ppb
Terbium	159-1				97		%
Terbium	159-2				100		%
Thallium	203-1	-0.11	-0.10	-0.09	-0.10		ppb
Thallium	205-1	-0.09	-0.11	-0.09	-0.10		ppb
Tin	118-1	-2.81	-2.62	-2.84	-2.76		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-09	Instrumnet Name :	P8
Client Sample ID :	MH1E08	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:16:44	DataFile Name :	089AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	11.65	11.40	11.88	11.64	2.05	ppb
Uranium	238-1	1.44	1.53	1.58	1.52	4.65	ppb
Vanadium	51-2	1.27	1.36	1.32	1.32	3.36	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	999.35	980.95	990.17	990.15	0.93	ppb
Zirconium	90-1	0.32	0.45	0.34	0.37	19.59	ppb
Zirconium	91-1	0.41	0.31	0.33	0.35	14.82	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-10	Instrumnet Name :	P8
Client Sample ID :	MH1E10	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:19:43	DataFile Name :	090AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10408.43	10083.10	9740.29	10077.27	3.32	ppb
Antimony	121-1	32.95	32.49	32.52	32.65	0.80	ppb
Arsenic	75-2	171.55	168.24	161.79	167.19	2.97	ppb
Barium	135-1	177.10	169.29	172.73	173.04	2.26	ppb
Barium	137-1	177.91	171.95	174.94	174.93	1.70	ppb
Beryllium	9-1	0.53	0.57	0.58	0.56	4.61	ppb
Bismuth	209-1				97		%
Bismuth	209-2				98		%
Boron	10-1	53.49	57.07	55.29	55.28	3.25	ppb
Boron	11-1	52.33	59.08	56.81	56.07	6.12	ppb
Bromine	81-1						cps
Cadmium	111-1	101.89	99.72	103.55	101.72	1.89	ppb
Cadmium	106-1	89.13	81.30	88.75	86.39	5.11	ppb
Cadmium	108-1	91.63	90.05	93.81	91.83	2.06	ppb
Calcium	43-1	130522.14	131284.10	127473.65	129759.97	1.55	ppb
Calcium	44-1	127956.20	124703.09	127519.13	126726.14	1.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	18.42	18.07	17.67	18.05	2.06	ppb
Cobalt	59-2	9.65	9.46	9.35	9.49	1.58	ppb
Copper	63-2	187.22	179.84	172.75	179.94	4.02	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				102		%
Holmium	165-2				102		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	54-2	26288.02	24971.96	24270.11	25176.69	4.07	ppb
Iron	56-2	26771.49	24679.77	24184.29	25211.85	5.45	ppb
Iron	57-2	25355.36	24906.19	23563.93	24608.49	3.79	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-10	Instrumnet Name :	P8
Client Sample ID :	MH1E10	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:19:43	DataFile Name :	090AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1256.30	1283.38	1213.29	1250.99	2.83	ppb
Lead	207-1	1250.51	1324.07	1205.64	1260.07	4.75	ppb
Lead	208-1	1251.96	1297.87	1218.60	1256.14	3.17	ppb
Lithium	6-1				108		%
Magnesium	24-2	27992.85	27066.08	26397.69	27152.21	2.95	ppb
Manganese	55-2	3785.21	3556.19	3403.86	3581.75	5.36	ppb
Molybdenum	94-1	6.84	6.14	6.00	6.32	7.09	ppb
Molybdenum	95-1	2.57	2.48	2.57	2.54	1.99	ppb
Molybdenum	96-1	3.03	2.91	3.10	3.01	3.13	ppb
Molybdenum	97-1	2.66	2.42	2.70	2.60	5.77	ppb
Molybdenum	98-1	2.67	2.36	2.50	2.51	6.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	15.21	14.94	14.43	14.86	2.65	ppb
Phosphorus	31-2	2822.86	2628.80	2731.51	2727.72	3.56	ppb
Potassium	39-2	5934.55	5986.39	5589.76	5836.90	3.69	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	82-1	5.31	5.51	5.82	5.55	4.57	ppb
Selenium	77-2	27.22	8.82	8.44	14.83	72.38	ppb
Selenium	78-2	7.06	6.36	5.77	6.40	10.12	ppb
Silicon	28-1	23925.10	23282.09	24617.20	23941.46	2.79	ppb
Silver	107-1	10.95	11.08	11.04	11.02	0.58	ppb
Silver	109-1	11.29	10.97	10.94	11.07	1.75	ppb
Sodium	23-2	102259.82	96528.51	92647.73	97145.35	4.98	ppb
Strontium	86-1	464.35	437.74	468.40	456.83	3.65	ppb
Strontium	88-1	451.23	447.76	460.28	453.09	1.43	ppb
Sulfur	34-1	43497.66	43594.33	42308.13	43133.37	1.66	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	1.78	1.80	1.88	1.82	3.03	ppb
Thallium	205-1	1.90	1.95	1.86	1.90	2.38	ppb
Tin	118-1	-2.61	-2.60	-2.82	-2.68		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-10	Instrumnet Name :	P8
Client Sample ID :	MH1E10	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:19:43	DataFile Name :	090AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	203.30	198.23	207.27	202.93	2.23	ppb
Uranium	238-1	2.07	2.13	2.11	2.10	1.45	ppb
Vanadium	51-2	22.90	22.21	22.06	22.39	2.01	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	11481.60	11009.43	10708.79	11066.61	3.52	ppb
Zirconium	90-1	2.35	2.09	2.27	2.24	5.87	ppb
Zirconium	91-1	2.29	2.21	2.31	2.27	2.21	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-11	Instrumnet Name :	P8
Client Sample ID :	MH1E12	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:25:54	DataFile Name :	092AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	102.38	99.73	99.51	100.54	1.59	ppb
Antimony	121-1	6.92	7.18	7.14	7.08	1.98	ppb
Arsenic	75-2	6.04	6.11	6.01	6.05	0.80	ppb
Barium	135-1	44.14	46.50	46.28	45.64	2.85	ppb
Barium	137-1	45.28	47.41	46.72	46.47	2.34	ppb
Beryllium	9-1	-0.01	-0.05	0.00	-0.02		ppb
Bismuth	209-1				96		%
Bismuth	209-2				95		%
Boron	10-1	32.79	35.41	35.19	34.46	4.22	ppb
Boron	11-1	33.94	35.59	37.55	35.69	5.06	ppb
Bromine	81-1						cps
Cadmium	111-1	1.40	1.38	1.45	1.41	2.50	ppb
Cadmium	106-1	2.07	1.79	1.37	1.74	20.03	ppb
Cadmium	108-1	1.07	1.52	1.30	1.30	17.44	ppb
Calcium	43-1	102402.55	107889.85	107661.01	105984.47	2.93	ppb
Calcium	44-1	105405.93	106896.63	108601.56	106968.04	1.49	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	11.08	ppb
Cobalt	59-2	0.19	0.16	0.17	0.17	8.62	ppb
Copper	63-2	6.15	6.24	6.07	6.15	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				101		%
Holmium	165-2				99		%
Indium	115-1				96		%
Indium	115-2				96		%
Iron	54-2	230.86	239.14	235.15	235.05	1.76	ppb
Iron	56-2	238.96	237.28	241.42	239.22	0.87	ppb
Iron	57-2	318.48	357.58	326.83	334.29	6.16	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-11	Instrumnet Name :	P8
Client Sample ID :	MH1E12	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:25:54	DataFile Name :	092AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	72.12	73.13	76.30	73.85	2.95	ppb
Lead	207-1	75.12	74.20	77.43	75.58	2.20	ppb
Lead	208-1	74.28	74.33	77.65	75.42	2.56	ppb
Lithium	6-1				105		%
Magnesium	24-2	22891.46	23177.94	22873.45	22980.95	0.74	ppb
Manganese	55-2	174.33	178.59	178.18	177.03	1.33	ppb
Molybdenum	94-1	1.49	1.34	1.42	1.42	5.21	ppb
Molybdenum	95-1	1.71	1.54	1.60	1.62	5.33	ppb
Molybdenum	96-1	1.40	1.47	1.42	1.43	2.63	ppb
Molybdenum	97-1	1.41	1.51	1.43	1.45	3.83	ppb
Molybdenum	98-1	1.51	1.59	1.33	1.48	8.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.45	1.34	1.53	1.44	6.65	ppb
Phosphorus	31-2	-27.71	-44.91	-53.73	-42.12		ppb
Potassium	39-2	2340.61	2297.02	2359.47	2332.37	1.37	ppb
Rhodium	103-1				94		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	82-1	1.03	1.56	1.72	1.44	25.24	ppb
Selenium	77-2	4.31	1.51	4.47	3.43	48.45	ppb
Selenium	78-2	2.72	1.25	1.68	1.88	39.98	ppb
Silicon	28-1	5921.71	6337.99	6345.26	6201.65	3.91	ppb
Silver	107-1	0.28	0.26	0.28	0.27	5.36	ppb
Silver	109-1	0.27	0.24	0.26	0.26	5.13	ppb
Sodium	23-2	94235.20	96388.42	95066.87	95230.16	1.14	ppb
Strontium	86-1	431.79	419.89	418.94	423.54	1.69	ppb
Strontium	88-1	422.36	417.08	425.04	421.49	0.96	ppb
Sulfur	34-1	38171.66	39618.90	41518.22	39769.59	4.22	ppb
Terbium	159-1				98		%
Terbium	159-2				100		%
Thallium	203-1	-0.14	-0.12	-0.14	-0.14		ppb
Thallium	205-1	-0.13	-0.13	-0.13	-0.13		ppb
Tin	118-1	-2.84	-2.89	-2.77	-2.84		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-11	Instrumnet Name :	P8
Client Sample ID :	MH1E12	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:25:54	DataFile Name :	092AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.72	3.05	3.01	2.92	6.10	ppb
Uranium	238-1	1.47	1.42	1.44	1.45	1.84	ppb
Vanadium	51-2	0.57	0.54	0.57	0.56	2.75	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	550.77	558.33	557.82	555.64	0.76	ppb
Zirconium	90-1	0.08	0.08	0.08	0.08	2.68	ppb
Zirconium	91-1	0.15	0.09	0.08	0.11	32.08	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-12	Instrumnet Name :	P8
Client Sample ID :	MH1E14	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:28:50	DataFile Name :	093AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	276.18	270.89	267.44	271.50	1.62	ppb
Antimony	121-1	5.51	5.97	5.28	5.59	6.32	ppb
Arsenic	75-2	5.72	5.40	5.11	5.41	5.65	ppb
Barium	135-1	50.73	53.60	50.34	51.56	3.45	ppb
Barium	137-1	51.89	55.17	50.37	52.48	4.68	ppb
Beryllium	9-1	-0.01	-0.01	-0.02	-0.01		ppb
Bismuth	209-1				95		%
Bismuth	209-2				95		%
Boron	10-1	35.61	39.77	36.86	37.41	5.71	ppb
Boron	11-1	36.05	38.78	38.56	37.80	4.02	ppb
Bromine	81-1						cps
Cadmium	111-1	1.68	1.99	1.79	1.82	8.86	ppb
Cadmium	106-1	0.40	1.71	0.43	0.85	88.23	ppb
Cadmium	108-1	1.85	1.97	1.36	1.73	18.89	ppb
Calcium	43-1	114433.52	123602.41	117941.18	118659.04	3.90	ppb
Calcium	44-1	113182.33	120951.21	112467.91	115533.82	4.07	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.60	0.62	0.62	0.61	1.90	ppb
Cobalt	59-2	0.25	0.27	0.26	0.26	4.80	ppb
Copper	63-2	3.96	3.86	3.92	3.91	1.21	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				97		%
Holmium	165-2				100		%
Indium	115-1				94		%
Indium	115-2				95		%
Iron	54-2	416.45	404.05	396.97	405.82	2.43	ppb
Iron	56-2	425.19	410.14	409.04	414.79	2.18	ppb
Iron	57-2	507.19	506.16	506.96	506.77	0.11	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-12	Instrumnet Name :	P8
Client Sample ID :	MH1E14	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:28:50	DataFile Name :	093AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	34.88	36.98	33.91	35.26	4.44	ppb
Lead	207-1	36.09	36.76	35.08	35.98	2.36	ppb
Lead	208-1	35.77	36.64	34.74	35.71	2.67	ppb
Lithium	6-1				106		%
Magnesium	24-2	24475.80	23628.43	23728.02	23944.08	1.93	ppb
Manganese	55-2	196.57	185.55	185.06	189.06	3.44	ppb
Molybdenum	94-1	1.32	1.51	1.34	1.39	7.38	ppb
Molybdenum	95-1	1.22	1.51	1.50	1.41	11.48	ppb
Molybdenum	96-1	1.32	1.28	1.34	1.31	2.38	ppb
Molybdenum	97-1	1.31	1.51	1.51	1.44	7.84	ppb
Molybdenum	98-1	1.51	1.43	1.45	1.46	2.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.73	1.76	1.73	1.74	1.19	ppb
Phosphorus	31-2	-21.56	4.35	-19.20	-12.14		ppb
Potassium	39-2	2421.01	2312.66	2298.98	2344.22	2.85	ppb
Rhodium	103-1				91		%
Rhodium	103-2				97		%
Scandium	45-1				94		%
Scandium	45-2				100		%
Selenium	82-1	1.35	2.17	3.63	2.39	48.43	ppb
Selenium	77-2	3.02	1.49	1.46	1.99	44.81	ppb
Selenium	78-2	3.74	1.82	1.57	2.38	50.04	ppb
Silicon	28-1	6623.01	7428.54	6499.50	6850.35	7.36	ppb
Silver	107-1	0.26	0.27	0.33	0.28	13.01	ppb
Silver	109-1	0.25	0.30	0.30	0.28	10.00	ppb
Sodium	23-2	97934.21	95906.06	95374.84	96405.03	1.40	ppb
Strontium	86-1	463.52	480.01	454.02	465.85	2.82	ppb
Strontium	88-1	459.33	479.29	452.20	463.61	3.03	ppb
Sulfur	34-1	44468.36	49169.75	43526.57	45721.56	6.61	ppb
Terbium	159-1				95		%
Terbium	159-2				100		%
Thallium	203-1	-0.12	-0.10	-0.10	-0.11		ppb
Thallium	205-1	-0.08	-0.08	-0.11	-0.09		ppb
Tin	118-1	-2.64	-2.57	-2.77	-2.66		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-12	Instrumnet Name :	P8
Client Sample ID :	MH1E14	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:28:50	DataFile Name :	093AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	6.92	7.49	6.63	7.01	6.19	ppb
Uranium	238-1	1.52	1.59	1.48	1.53	3.70	ppb
Vanadium	51-2	0.89	0.87	0.82	0.86	4.51	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				96		%
Yttrium	89-2				98		%
Zinc	66-2	534.14	515.14	496.73	515.34	3.63	ppb
Zirconium	90-1	0.17	0.19	0.15	0.17	12.74	ppb
Zirconium	91-1	0.08	0.15	0.22	0.15	45.56	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-13	Instrumnet Name :	P8
Client Sample ID :	MH1E16	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:31:49	DataFile Name :	094AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	274.61	277.54	206.72	252.96	15.84	ppb
Antimony	121-1	5.32	5.52	5.68	5.51	3.31	ppb
Arsenic	75-2	6.15	5.96	4.62	5.57	14.98	ppb
Barium	135-1	48.92	49.95	50.58	49.82	1.68	ppb
Barium	137-1	48.49	48.16	51.20	49.28	3.38	ppb
Beryllium	9-1	-0.02	-0.01	-0.01	-0.01		ppb
Bismuth	209-1				95		%
Bismuth	209-2				106		%
Boron	10-1	36.76	36.93	36.44	36.71	0.68	ppb
Boron	11-1	35.24	35.58	37.98	36.27	4.11	ppb
Bromine	81-1						cps
Cadmium	111-1	1.75	1.59	1.90	1.75	8.87	ppb
Cadmium	106-1	4.37	1.36	-0.06	1.89	119.88	ppb
Cadmium	108-1	1.27	1.28	1.58	1.38	12.66	ppb
Calcium	43-1	110490.53	108457.48	111965.39	110304.47	1.60	ppb
Calcium	44-1	110255.73	107087.34	108888.47	108743.85	1.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.38	0.43	0.26	0.36	24.24	ppb
Cobalt	59-2	0.26	0.30	0.19	0.25	22.20	ppb
Copper	63-2	4.48	4.50	3.51	4.16	13.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				111		%
Indium	115-1				94		%
Indium	115-2				107		%
Iron	54-2	409.72	423.63	319.40	384.25	14.73	ppb
Iron	56-2	427.89	412.65	344.85	395.13	11.19	ppb
Iron	57-2	517.89	515.00	406.30	479.73	13.26	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-13	Instrumnet Name :	P8
Client Sample ID :	MH1E16	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:31:49	DataFile Name :	094AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	41.16	41.30	41.30	41.25	0.19	ppb
Lead	207-1	41.03	42.27	41.36	41.55	1.54	ppb
Lead	208-1	40.90	42.01	41.28	41.40	1.36	ppb
Lithium	6-1				108		%
Magnesium	24-2	23416.06	24681.38	18717.70	22271.71	14.11	ppb
Manganese	55-2	175.38	181.22	135.84	164.15	15.04	ppb
Molybdenum	94-1	1.47	1.35	1.45	1.42	4.37	ppb
Molybdenum	95-1	1.47	1.27	1.30	1.35	8.17	ppb
Molybdenum	96-1	1.26	1.36	1.20	1.27	6.13	ppb
Molybdenum	97-1	1.39	1.40	1.39	1.39	0.46	ppb
Molybdenum	98-1	1.35	1.34	1.36	1.35	0.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.57	1.60	1.28	1.48	12.10	ppb
Phosphorus	31-2	-7.34	-29.17	-2.80	-13.10		ppb
Potassium	39-2	2298.95	2338.39	1804.14	2147.16	13.87	ppb
Rhodium	103-1				92		%
Rhodium	103-2				108		%
Scandium	45-1				98		%
Scandium	45-2				110		%
Selenium	82-1	2.68	2.66	2.66	2.67	0.44	ppb
Selenium	77-2	1.49	4.27	0.00	1.92	112.97	ppb
Selenium	78-2	0.75	0.90	0.46	0.70	32.34	ppb
Silicon	28-1	6243.66	6209.51	6225.76	6226.31	0.27	ppb
Silver	107-1	0.29	0.26	0.28	0.28	5.11	ppb
Silver	109-1	0.32	0.31	0.35	0.33	6.49	ppb
Sodium	23-2	93959.83	96108.54	74926.59	88331.66	13.20	ppb
Strontium	86-1	454.76	446.21	441.43	447.46	1.51	ppb
Strontium	88-1	452.09	443.44	445.14	446.89	1.03	ppb
Sulfur	34-1	40911.83	41514.45	40284.30	40903.53	1.50	ppb
Terbium	159-1				97		%
Terbium	159-2				110		%
Thallium	203-1	-0.13	-0.10	-0.11	-0.11		ppb
Thallium	205-1	-0.10	-0.08	-0.11	-0.10		ppb
Tin	118-1	-2.50	-2.36	-2.42	-2.43		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-13	Instrumnet Name :	P8
Client Sample ID :	MH1E16	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:31:49	DataFile Name :	094AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	6.71	6.47	6.30	6.49	3.19	ppb
Uranium	238-1	1.47	1.48	1.47	1.47	0.27	ppb
Vanadium	51-2	0.81	0.84	0.72	0.79	7.86	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				108		%
Zinc	66-2	502.78	500.94	390.35	464.69	13.86	ppb
Zirconium	90-1	0.16	0.20	0.17	0.18	10.72	ppb
Zirconium	91-1	0.17	0.24	0.19	0.20	18.46	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-14	Instrumnet Name :	P8
Client Sample ID :	MH1E18	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:34:44	DataFile Name :	095AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41.82	41.88	43.04	42.25	1.64	ppb
Antimony	121-1	5.33	5.25	5.18	5.25	1.48	ppb
Arsenic	75-2	4.39	4.43	4.29	4.37	1.64	ppb
Barium	135-1	49.35	48.00	47.90	48.42	1.67	ppb
Barium	137-1	49.64	49.34	48.46	49.15	1.25	ppb
Beryllium	9-1	-0.04	-0.03	-0.03	-0.03		ppb
Bismuth	209-1				95		%
Bismuth	209-2				97		%
Boron	10-1	37.53	38.34	38.46	38.11	1.32	ppb
Boron	11-1	34.98	36.49	37.45	36.31	3.42	ppb
Bromine	81-1						cps
Cadmium	111-1	1.06	1.13	0.92	1.04	10.24	ppb
Cadmium	106-1	1.47	0.56	-0.75	0.43	262.14	ppb
Cadmium	108-1	1.05	0.45	1.32	0.94	47.56	ppb
Calcium	43-1	112194.14	117822.06	112810.60	114275.60	2.70	ppb
Calcium	44-1	112619.84	112384.85	110806.34	111937.01	0.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.18	0.16	0.17	0.17	4.19	ppb
Cobalt	59-2	0.20	0.18	0.19	0.19	6.32	ppb
Copper	63-2	1.22	1.32	1.24	1.26	4.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				100		%
Indium	115-1				96		%
Indium	115-2				95		%
Iron	54-2	230.31	236.88	242.01	236.40	2.48	ppb
Iron	56-2	242.27	244.09	238.69	241.68	1.14	ppb
Iron	57-2	348.48	339.80	337.83	342.04	1.66	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-14	Instrumnet Name :	P8
Client Sample ID :	MH1E18	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:34:44	DataFile Name :	095AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	11.72	11.79	11.88	11.79	0.68	ppb
Lead	207-1	11.92	11.93	12.16	12.01	1.13	ppb
Lead	208-1	12.03	11.98	12.01	12.01	0.21	ppb
Lithium	6-1				110		%
Magnesium	24-2	24279.57	24352.30	24236.72	24289.53	0.24	ppb
Manganese	55-2	234.28	226.66	226.91	229.28	1.89	ppb
Molybdenum	94-1	1.17	1.24	1.49	1.30	12.74	ppb
Molybdenum	95-1	1.51	1.50	1.55	1.52	1.82	ppb
Molybdenum	96-1	1.38	1.51	1.41	1.44	4.71	ppb
Molybdenum	97-1	1.53	1.51	1.67	1.57	5.71	ppb
Molybdenum	98-1	1.49	1.56	1.59	1.55	3.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.30	1.17	1.27	1.24	5.51	ppb
Phosphorus	31-2	-41.13	-3.96	0.57	-14.84		ppb
Potassium	39-2	2388.24	2321.92	2255.00	2321.72	2.87	ppb
Rhodium	103-1				94		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				100		%
Selenium	82-1	2.68	2.74	1.82	2.42	21.31	ppb
Selenium	77-2	4.40	10.60	1.51	5.50	84.32	ppb
Selenium	78-2	1.07	3.10	2.85	2.34	47.26	ppb
Silicon	28-1	6079.24	6325.08	6027.30	6143.87	2.59	ppb
Silver	107-1	0.05	0.06	0.06	0.06	4.64	ppb
Silver	109-1	0.06	0.06	0.06	0.06	2.00	ppb
Sodium	23-2	100021.70	101510.58	98192.32	99908.20	1.66	ppb
Strontium	86-1	441.77	449.90	457.66	449.78	1.77	ppb
Strontium	88-1	452.64	445.22	454.67	450.85	1.10	ppb
Sulfur	34-1	41592.38	45080.78	42940.87	43204.68	4.07	ppb
Terbium	159-1				96		%
Terbium	159-2				98		%
Thallium	203-1	-0.07	-0.14	-0.13	-0.11		ppb
Thallium	205-1	-0.14	-0.12	-0.12	-0.13		ppb
Tin	118-1	-2.41	-2.50	-1.93	-2.28		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-14	Instrumnet Name :	P8
Client Sample ID :	MH1E18	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:34:44	DataFile Name :	095AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.42	1.62	1.57	1.54	6.69	ppb
Uranium	238-1	1.49	1.50	1.57	1.52	3.03	ppb
Vanadium	51-2	0.50	0.47	0.45	0.47	5.34	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	375.04	375.21	370.61	373.62	0.70	ppb
Zirconium	90-1	0.07	0.05	0.14	0.09	54.26	ppb
Zirconium	91-1	0.11	0.04	0.06	0.07	48.74	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-15	Instrumnet Name :	P8
Client Sample ID :	MH1E20	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:37:43	DataFile Name :	096AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	76.62	77.23	78.52	77.45	1.25	ppb
Antimony	121-1	6.27	6.41	6.74	6.48	3.74	ppb
Arsenic	75-2	10.80	9.97	10.64	10.47	4.22	ppb
Barium	135-1	63.00	64.79	63.56	63.78	1.44	ppb
Barium	137-1	64.52	65.21	63.80	64.51	1.09	ppb
Beryllium	9-1	-0.02	0.00	-0.04	-0.02		ppb
Bismuth	209-1				92		%
Bismuth	209-2				93		%
Boron	10-1	34.38	37.47	39.32	37.06	6.74	ppb
Boron	11-1	34.57	36.73	38.83	36.71	5.81	ppb
Bromine	81-1						cps
Cadmium	111-1	1.05	0.82	1.07	0.98	14.48	ppb
Cadmium	106-1	2.58	-0.68	0.77	0.89	184.13	ppb
Cadmium	108-1	0.43	0.37	0.83	0.54	46.63	ppb
Calcium	43-1	129193.97	123778.74	119161.64	124044.78	4.05	ppb
Calcium	44-1	121089.26	119816.53	116324.43	119076.74	2.07	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.21	0.17	0.17	0.18	11.37	ppb
Cobalt	59-2	0.27	0.28	0.27	0.27	1.58	ppb
Copper	63-2	2.08	2.14	2.06	2.09	1.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				95		%
Indium	115-1				91		%
Indium	115-2				93		%
Iron	54-2	659.44	659.60	674.82	664.62	1.33	ppb
Iron	56-2	687.78	659.02	671.21	672.67	2.15	ppb
Iron	57-2	785.53	756.03	807.98	783.18	3.33	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-15	Instrumnet Name :	P8
Client Sample ID :	MH1E20	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:37:43	DataFile Name :	096AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	24.26	24.14	24.30	24.23	0.35	ppb
Lead	207-1	24.47	24.78	23.91	24.39	1.81	ppb
Lead	208-1	24.46	24.44	24.29	24.40	0.39	ppb
Lithium	6-1				106		%
Magnesium	24-2	27628.40	26928.69	26532.39	27029.83	2.05	ppb
Manganese	55-2	488.72	480.95	489.17	486.28	0.95	ppb
Molybdenum	94-1	1.14	1.11	1.45	1.23	15.20	ppb
Molybdenum	95-1	1.35	1.36	1.52	1.41	6.86	ppb
Molybdenum	96-1	1.14	1.28	1.14	1.19	6.40	ppb
Molybdenum	97-1	1.43	1.39	1.31	1.38	4.60	ppb
Molybdenum	98-1	1.36	1.33	1.48	1.39	5.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.96	1.07	0.98	1.00	5.70	ppb
Phosphorus	31-2	-7.07	28.67	-5.37	5.41	372.64	ppb
Potassium	39-2	2451.47	2383.38	2408.01	2414.29	1.43	ppb
Rhodium	103-1				89		%
Rhodium	103-2				96		%
Scandium	45-1				92		%
Scandium	45-2				98		%
Selenium	82-1	3.29	1.85	0.71	1.95	66.33	ppb
Selenium	77-2	1.52	0.00	1.55	1.02	86.62	ppb
Selenium	78-2	2.74	3.19	1.54	2.49	34.30	ppb
Silicon	28-1	6427.95	6199.66	6142.03	6256.55	2.42	ppb
Silver	107-1	0.14	0.12	0.13	0.13	9.22	ppb
Silver	109-1	0.11	0.13	0.08	0.11	26.67	ppb
Sodium	23-2	107231.62	103430.35	103678.56	104780.18	2.03	ppb
Strontium	86-1	524.98	516.18	520.26	520.47	0.85	ppb
Strontium	88-1	502.10	510.69	511.78	508.19	1.04	ppb
Sulfur	34-1	47632.59	47004.63	46205.93	46947.72	1.52	ppb
Terbium	159-1				92		%
Terbium	159-2				95		%
Thallium	203-1	-0.15	-0.14	-0.14	-0.14		ppb
Thallium	205-1	-0.13	-0.12	-0.15	-0.13		ppb
Tin	118-1	-2.62	-2.46	-2.64	-2.57		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-15	Instrumnet Name :	P8
Client Sample ID :	MH1E20	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:37:43	DataFile Name :	096AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.44	2.22	2.17	2.28	6.23	ppb
Uranium	238-1	1.43	1.49	1.49	1.47	2.20	ppb
Vanadium	51-2	0.60	0.49	0.53	0.54	9.93	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				95		%
Yttrium	89-2				95		%
Zinc	66-2	260.17	249.91	261.42	257.17	2.46	ppb
Zirconium	90-1	0.07	0.06	0.05	0.06	18.89	ppb
Zirconium	91-1	0.07	0.05	0.08	0.06	28.96	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-16	Instrumnet Name :	P8
Client Sample ID :	MH1E22	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:40:40	DataFile Name :	097AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	365.67	348.80	337.79	350.75	4.00	ppb
Antimony	121-1	2.32	2.51	2.34	2.39	4.54	ppb
Arsenic	75-2	3.48	3.35	3.03	3.29	7.07	ppb
Barium	135-1	62.62	65.77	66.68	65.02	3.28	ppb
Barium	137-1	63.90	66.11	65.67	65.23	1.80	ppb
Beryllium	9-1	-0.02	-0.02	-0.04	-0.03		ppb
Bismuth	209-1				92		%
Bismuth	209-2				89		%
Boron	10-1	34.84	39.80	43.78	39.47	11.35	ppb
Boron	11-1	36.28	38.80	43.80	39.63	9.66	ppb
Bromine	81-1						cps
Cadmium	111-1	0.96	1.04	0.95	0.99	4.79	ppb
Cadmium	106-1	1.20	0.08	2.37	1.22	94.10	ppb
Cadmium	108-1	0.39	0.89	0.57	0.62	41.56	ppb
Calcium	43-1	138670.67	149921.95	148379.40	145657.34	4.19	ppb
Calcium	44-1	136638.82	145907.62	144865.49	142470.65	3.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.65	0.58	0.51	0.58	12.20	ppb
Cobalt	59-2	0.25	0.22	0.21	0.23	8.61	ppb
Copper	63-2	3.11	2.83	2.81	2.92	5.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				92		%
Indium	115-1				92		%
Indium	115-2				88		%
Iron	54-2	357.78	369.95	356.67	361.46	2.04	ppb
Iron	56-2	390.72	369.26	348.01	369.33	5.78	ppb
Iron	57-2	505.47	514.16	474.72	498.12	4.16	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-16	Instrumnet Name :	P8
Client Sample ID :	MH1E22	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:40:40	DataFile Name :	097AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	20.56	20.88	21.19	20.88	1.52	ppb
Lead	207-1	20.33	20.79	21.05	20.72	1.77	ppb
Lead	208-1	20.32	20.97	21.14	20.81	2.09	ppb
Lithium	6-1				106		%
Magnesium	24-2	38277.40	38530.27	37908.06	38238.58	0.82	ppb
Manganese	55-2	65.44	62.72	61.24	63.13	3.37	ppb
Molybdenum	94-1	0.79	0.86	0.84	0.83	4.21	ppb
Molybdenum	95-1	0.58	0.65	0.63	0.62	5.86	ppb
Molybdenum	96-1	0.50	0.55	0.66	0.57	14.49	ppb
Molybdenum	97-1	0.66	0.70	0.65	0.67	3.82	ppb
Molybdenum	98-1	0.63	0.63	0.67	0.65	3.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.00	0.97	0.96	0.98	2.17	ppb
Phosphorus	31-2	60.22	13.34	4.68	26.08	114.58	ppb
Potassium	39-2	2442.88	2368.83	2280.55	2364.09	3.44	ppb
Rhodium	103-1				90		%
Rhodium	103-2				89		%
Scandium	45-1				94		%
Scandium	45-2				92		%
Selenium	82-1	2.22	3.25	3.58	3.02	23.53	ppb
Selenium	77-2	6.59	3.37	1.55	3.84	66.56	ppb
Selenium	78-2	3.63	1.88	3.02	2.84	31.27	ppb
Silicon	28-1	5530.12	5749.25	5742.48	5673.95	2.20	ppb
Silver	107-1	0.21	0.23	0.21	0.22	5.77	ppb
Silver	109-1	0.19	0.24	0.24	0.22	14.41	ppb
Sodium	23-2	111703.20	110698.55	106456.05	109619.27	2.54	ppb
Strontium	86-1	723.93	743.02	753.40	740.12	2.02	ppb
Strontium	88-1	717.17	723.17	759.68	733.34	3.14	ppb
Sulfur	34-1	50740.53	53649.95	53597.84	52662.77	3.16	ppb
Terbium	159-1				94		%
Terbium	159-2				92		%
Thallium	203-1	-0.06	-0.10	-0.09	-0.08		ppb
Thallium	205-1	-0.05	-0.07	-0.05	-0.06		ppb
Tin	118-1	-2.17	-2.19	-2.17	-2.18		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-16	Instrumnet Name :	P8
Client Sample ID :	MH1E22	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:40:40	DataFile Name :	097AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	8.70	9.20	8.77	8.89	3.08	ppb
Uranium	238-1	1.63	1.63	1.63	1.63	0.16	ppb
Vanadium	51-2	1.37	1.10	1.21	1.23	10.85	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				94		%
Yttrium	89-2				89		%
Zinc	66-2	148.98	139.94	133.91	140.94	5.38	ppb
Zirconium	90-1	0.22	0.18	0.19	0.20	10.76	ppb
Zirconium	91-1	0.22	0.14	0.11	0.16	35.85	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-17	Instrumnet Name :	P8
Client Sample ID :	MH1E24	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:43:39	DataFile Name :	098AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	554.81	610.03	569.08	577.98	4.96	ppb
Antimony	121-1	2.69	2.68	2.81	2.73	2.58	ppb
Arsenic	75-2	3.74	4.35	3.78	3.96	8.69	ppb
Barium	135-1	64.16	66.30	64.82	65.10	1.68	ppb
Barium	137-1	65.44	66.15	66.02	65.87	0.58	ppb
Beryllium	9-1	-0.02	0.01	0.01	0.00	932.05	ppb
Bismuth	209-1				97		%
Bismuth	209-2				93		%
Boron	10-1	39.06	43.18	40.97	41.07	5.02	ppb
Boron	11-1	39.91	42.64	41.44	41.33	3.31	ppb
Bromine	81-1						cps
Cadmium	111-1	1.15	1.21	1.18	1.18	2.50	ppb
Cadmium	106-1	0.76	1.10	1.15	1.00	21.23	ppb
Cadmium	108-1	0.66	0.72	0.50	0.63	18.17	ppb
Calcium	43-1	135623.29	142054.78	154577.92	144085.33	6.69	ppb
Calcium	44-1	138361.13	143664.93	152109.45	144711.83	4.79	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.97	0.98	1.01	0.99	2.08	ppb
Cobalt	59-2	0.39	0.48	0.38	0.42	12.69	ppb
Copper	63-2	4.95	5.46	4.97	5.13	5.58	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				101		%
Holmium	165-2				97		%
Indium	115-1				96		%
Indium	115-2				93		%
Iron	54-2	683.32	767.73	715.34	722.13	5.90	ppb
Iron	56-2	719.26	793.93	739.55	750.91	5.14	ppb
Iron	57-2	803.18	931.95	851.64	862.26	7.54	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-17	Instrumnet Name :	P8
Client Sample ID :	MH1E24	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:43:39	DataFile Name :	098AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	37.91	39.20	38.75	38.62	1.69	ppb
Lead	207-1	38.04	39.40	39.26	38.90	1.92	ppb
Lead	208-1	38.00	39.19	38.58	38.59	1.55	ppb
Lithium	6-1				113		%
Magnesium	24-2	39886.89	43446.76	40899.65	41411.10	4.43	ppb
Manganese	55-2	104.91	113.31	105.65	107.96	4.31	ppb
Molybdenum	94-1	0.99	1.08	0.98	1.02	5.51	ppb
Molybdenum	95-1	0.59	0.59	0.62	0.60	3.21	ppb
Molybdenum	96-1	0.60	0.58	0.59	0.59	1.20	ppb
Molybdenum	97-1	0.57	0.67	0.75	0.66	13.79	ppb
Molybdenum	98-1	0.59	0.58	0.64	0.60	5.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.99	1.15	1.23	1.12	10.58	ppb
Phosphorus	31-2	13.13	26.68	-15.34	8.16	262.99	ppb
Potassium	39-2	2249.65	2592.00	2332.46	2391.37	7.47	ppb
Rhodium	103-1				92		%
Rhodium	103-2				94		%
Scandium	45-1				100		%
Scandium	45-2				96		%
Selenium	82-1	2.62	2.16	1.84	2.21	17.84	ppb
Selenium	77-2	5.80	4.86	1.52	4.06	55.33	ppb
Selenium	78-2	2.54	2.92	3.70	3.05	19.40	ppb
Silicon	28-1	6270.32	6447.93	6947.84	6555.36	5.36	ppb
Silver	107-1	0.32	0.37	0.32	0.34	8.93	ppb
Silver	109-1	0.32	0.32	0.34	0.33	2.76	ppb
Sodium	23-2	97072.41	103619.08	99074.71	99922.07	3.36	ppb
Strontium	86-1	849.47	894.50	892.00	878.65	2.88	ppb
Strontium	88-1	847.63	890.92	865.55	868.04	2.51	ppb
Sulfur	34-1	51174.17	53552.78	57279.61	54002.19	5.70	ppb
Terbium	159-1				98		%
Terbium	159-2				97		%
Thallium	203-1	-0.06	-0.03	-0.04	-0.05		ppb
Thallium	205-1	-0.06	-0.05	-0.04	-0.05		ppb
Tin	118-1	-2.84	-2.91	-2.92	-2.89		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-17	Instrumnet Name :	P8
Client Sample ID :	MH1E24	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:43:39	DataFile Name :	098AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	12.90	13.99	14.82	13.90	6.92	ppb
Uranium	238-1	1.55	1.54	1.52	1.54	1.04	ppb
Vanadium	51-2	1.60	1.71	1.71	1.68	3.87	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				95		%
Zinc	66-2	160.84	179.69	167.00	169.18	5.68	ppb
Zirconium	90-1	0.30	0.29	0.30	0.30	2.58	ppb
Zirconium	91-1	0.34	0.27	0.27	0.29	14.44	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-18	Instrumnet Name :	P8
Client Sample ID :	MH1E26	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:46:36	DataFile Name :	099AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	322.53	325.27	312.60	320.13	2.08	ppb
Antimony	121-1	3.43	3.38	3.35	3.39	1.17	ppb
Arsenic	75-2	4.17	4.56	4.19	4.31	5.11	ppb
Barium	135-1	61.80	61.61	63.49	62.30	1.66	ppb
Barium	137-1	61.69	62.82	63.89	62.80	1.75	ppb
Beryllium	9-1	0.00	0.00	-0.04	-0.01		ppb
Bismuth	209-1				97		%
Bismuth	209-2				93		%
Boron	10-1	39.84	41.17	39.97	40.32	1.82	ppb
Boron	11-1	40.68	40.75	39.97	40.47	1.07	ppb
Bromine	81-1						cps
Cadmium	111-1	1.12	1.25	1.18	1.18	5.78	ppb
Cadmium	106-1	1.41	1.25	0.02	0.89	85.36	ppb
Cadmium	108-1	1.10	0.99	0.60	0.90	29.53	ppb
Calcium	43-1	135965.87	148574.30	145947.45	143495.87	4.64	ppb
Calcium	44-1	133251.30	140652.73	144804.86	139569.63	4.19	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.56	0.60	0.54	0.57	5.46	ppb
Cobalt	59-2	0.24	0.26	0.26	0.25	3.44	ppb
Copper	63-2	4.18	4.31	4.14	4.21	2.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				96		%
Indium	115-1				97		%
Indium	115-2				92		%
Iron	54-2	367.86	358.03	363.79	363.23	1.36	ppb
Iron	56-2	374.98	365.44	368.94	369.79	1.31	ppb
Iron	57-2	487.43	485.41	474.75	482.53	1.41	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-18	Instrumnet Name :	P8
Client Sample ID :	MH1E26	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:46:36	DataFile Name :	099AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	38.69	38.78	39.59	39.02	1.27	ppb
Lead	207-1	38.50	40.06	39.94	39.50	2.20	ppb
Lead	208-1	38.84	39.50	39.19	39.17	0.84	ppb
Lithium	6-1				111		%
Magnesium	24-2	37656.80	36587.71	35979.35	36741.29	2.31	ppb
Manganese	55-2	98.55	98.63	94.85	97.34	2.22	ppb
Molybdenum	94-1	0.89	1.01	0.89	0.93	7.18	ppb
Molybdenum	95-1	0.65	0.75	0.65	0.68	8.25	ppb
Molybdenum	96-1	0.67	1.25	0.69	0.87	38.04	ppb
Molybdenum	97-1	0.60	0.78	0.65	0.68	13.90	ppb
Molybdenum	98-1	0.62	0.77	0.63	0.67	12.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.96	0.87	0.95	0.93	5.18	ppb
Phosphorus	31-2	22.20	-0.71	-31.38	-3.30		ppb
Potassium	39-2	2264.38	2196.66	2144.76	2201.93	2.72	ppb
Rhodium	103-1				94		%
Rhodium	103-2				95		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	2.88	2.35	1.07	2.10	44.29	ppb
Selenium	77-2	3.14	3.10	3.03	3.09	1.78	ppb
Selenium	78-2	4.47	1.93	2.18	2.86	48.93	ppb
Silicon	28-1	5409.25	5777.04	5707.15	5631.15	3.47	ppb
Silver	107-1	0.22	0.22	0.23	0.23	1.94	ppb
Silver	109-1	0.25	0.25	0.24	0.24	3.04	ppb
Sodium	23-2	107301.27	105947.61	100992.12	104747.00	3.17	ppb
Strontium	86-1	726.37	745.38	744.42	738.72	1.45	ppb
Strontium	88-1	729.20	730.13	759.77	739.70	2.35	ppb
Sulfur	34-1	50443.23	54908.08	53141.98	52831.10	4.26	ppb
Terbium	159-1				100		%
Terbium	159-2				96		%
Thallium	203-1	-0.10	-0.10	-0.11	-0.10		ppb
Thallium	205-1	-0.09	-0.07	-0.09	-0.08		ppb
Tin	118-1	-2.64	-2.67	-2.42	-2.58		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-18	Instrumnet Name :	P8
Client Sample ID :	MH1E26	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:46:36	DataFile Name :	099AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	8.28	8.42	7.49	8.06	6.25	ppb
Uranium	238-1	1.63	1.71	1.63	1.66	2.67	ppb
Vanadium	51-2	1.15	1.21	1.23	1.20	3.33	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				94		%
Zinc	66-2	175.35	177.10	181.31	177.92	1.72	ppb
Zirconium	90-1	0.21	0.21	0.21	0.21	1.40	ppb
Zirconium	91-1	0.12	0.96	0.18	0.42	111.04	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-19	Instrumnet Name :	P8
Client Sample ID :	MH1E28	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:49:35	DataFile Name :	100AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	102.94	105.19	101.28	103.14	1.91	ppb
Antimony	121-1	6.27	5.19	5.56	5.67	9.68	ppb
Arsenic	75-2	5.62	5.35	5.32	5.43	3.05	ppb
Barium	135-1	58.49	49.87	54.81	54.39	7.96	ppb
Barium	137-1	59.84	50.53	54.78	55.05	8.47	ppb
Beryllium	9-1	-0.03	-0.04	-0.03	-0.04		ppb
Bismuth	209-1				98		%
Bismuth	209-2				93		%
Boron	10-1	40.41	36.92	39.33	38.89	4.60	ppb
Boron	11-1	38.69	35.88	39.71	38.09	5.22	ppb
Bromine	81-1						cps
Cadmium	111-1	1.05	0.84	0.97	0.95	11.16	ppb
Cadmium	106-1	4.84	-0.55	1.21	1.83	149.95	ppb
Cadmium	108-1	0.49	0.52	0.77	0.59	25.80	ppb
Calcium	43-1	130838.35	114060.26	121847.91	122248.84	6.87	ppb
Calcium	44-1	131371.11	112400.72	119357.51	121043.11	7.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.29	0.33	0.40	0.34	16.04	ppb
Cobalt	59-2	0.29	0.29	0.31	0.30	4.65	ppb
Copper	63-2	2.43	2.36	2.30	2.36	2.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				96		%
Indium	115-1				97		%
Indium	115-2				91		%
Iron	54-2	361.76	372.41	366.81	366.99	1.45	ppb
Iron	56-2	378.15	364.64	368.10	370.29	1.90	ppb
Iron	57-2	471.21	471.41	473.16	471.93	0.23	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-19	Instrumnet Name :	P8
Client Sample ID :	MH1E28	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:49:35	DataFile Name :	100AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	28.99	26.34	27.22	27.52	4.92	ppb
Lead	207-1	29.53	26.22	28.01	27.92	5.94	ppb
Lead	208-1	29.27	26.00	27.57	27.62	5.91	ppb
Lithium	6-1				116		%
Magnesium	24-2	28384.34	28900.16	27916.26	28400.25	1.73	ppb
Manganese	55-2	226.54	222.54	221.27	223.45	1.23	ppb
Molybdenum	94-1	1.22	1.07	1.10	1.13	6.85	ppb
Molybdenum	95-1	1.27	1.17	1.27	1.24	4.76	ppb
Molybdenum	96-1	1.22	1.02	1.05	1.09	10.02	ppb
Molybdenum	97-1	1.36	1.29	1.17	1.27	7.37	ppb
Molybdenum	98-1	1.41	1.11	1.26	1.26	11.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.35	1.41	1.36	1.37	2.48	ppb
Phosphorus	31-2	-48.11	-43.04	-24.11	-38.42		ppb
Potassium	39-2	2388.75	2338.27	2337.52	2354.85	1.25	ppb
Rhodium	103-1				98		%
Rhodium	103-2				95		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	82-1	0.88	1.83	1.67	1.46	35.04	ppb
Selenium	77-2	0.00	1.57	0.00	0.52	173.21	ppb
Selenium	78-2	4.29	4.09	1.37	3.25	50.16	ppb
Silicon	28-1	6242.11	5613.51	5660.69	5838.77	6.00	ppb
Silver	107-1	0.13	0.11	0.11	0.12	6.65	ppb
Silver	109-1	0.14	0.10	0.11	0.12	19.31	ppb
Sodium	23-2	105231.60	101793.98	102231.38	103085.65	1.82	ppb
Strontium	86-1	579.58	504.76	533.60	539.31	7.00	ppb
Strontium	88-1	585.32	499.03	538.76	541.04	7.98	ppb
Sulfur	34-1	49763.10	44438.25	43946.95	46049.43	7.00	ppb
Terbium	159-1				99		%
Terbium	159-2				95		%
Thallium	203-1	-0.12	-0.13	-0.11	-0.12		ppb
Thallium	205-1	-0.10	-0.13	-0.13	-0.12		ppb
Tin	118-1	-2.42	-2.87	-2.56	-2.61		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-19	Instrumnet Name :	P8
Client Sample ID :	MH1E28	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:49:35	DataFile Name :	100AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	3.15	2.39	2.57	2.70	14.67	ppb
Uranium	238-1	1.60	1.49	1.47	1.52	4.44	ppb
Vanadium	51-2	0.55	0.58	0.53	0.55	4.48	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				93		%
Zinc	66-2	331.93	324.66	329.54	328.71	1.13	ppb
Zirconium	90-1	0.08	0.05	0.09	0.07	22.67	ppb
Zirconium	91-1	0.08	0.07	0.06	0.07	18.58	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-20	Instrumnet Name :	P8
Client Sample ID :	MH1E30	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:52:32	DataFile Name :	101AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90.22	87.77	93.06	90.35	2.93	ppb
Antimony	121-1	6.66	6.34	6.03	6.34	4.98	ppb
Arsenic	75-2	5.39	5.15	5.88	5.47	6.82	ppb
Barium	135-1	56.77	55.48	55.49	55.91	1.33	ppb
Barium	137-1	58.24	55.65	55.13	56.34	2.96	ppb
Beryllium	9-1	-0.02	-0.03	-0.03	-0.03		ppb
Bismuth	209-1				91		%
Bismuth	209-2				96		%
Boron	10-1	40.84	40.90	38.77	40.17	3.02	ppb
Boron	11-1	39.53	39.39	39.74	39.55	0.46	ppb
Bromine	81-1						cps
Cadmium	111-1	1.21	1.09	0.95	1.08	12.22	ppb
Cadmium	106-1	0.76	1.78	2.59	1.71	53.81	ppb
Cadmium	108-1	0.90	0.35	0.40	0.55	55.11	ppb
Calcium	43-1	131580.33	128118.84	125833.73	128510.97	2.25	ppb
Calcium	44-1	134284.45	124391.96	121915.84	126864.08	5.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.19	0.20	0.22	0.20	6.99	ppb
Cobalt	59-2	0.35	0.33	0.34	0.34	3.36	ppb
Copper	63-2	2.96	2.84	3.02	2.94	3.18	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				94		%
Holmium	165-2				99		%
Indium	115-1				90		%
Indium	115-2				95		%
Iron	54-2	402.97	392.91	383.87	393.25	2.43	ppb
Iron	56-2	395.41	385.77	397.45	392.88	1.59	ppb
Iron	57-2	481.11	468.58	532.15	493.94	6.82	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-20	Instrumnet Name :	P8
Client Sample ID :	MH1E30	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:52:32	DataFile Name :	101AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	38.46	35.37	34.59	36.14	5.65	ppb
Lead	207-1	39.76	36.27	35.35	37.13	6.26	ppb
Lead	208-1	38.84	35.67	34.98	36.50	5.64	ppb
Lithium	6-1				105		%
Magnesium	24-2	28836.60	28386.07	29023.28	28748.65	1.14	ppb
Manganese	55-2	273.04	271.86	278.25	274.38	1.24	ppb
Molybdenum	94-1	1.36	1.12	1.20	1.23	9.81	ppb
Molybdenum	95-1	1.42	1.32	1.27	1.34	6.00	ppb
Molybdenum	96-1	1.33	1.17	1.17	1.23	7.20	ppb
Molybdenum	97-1	1.55	1.50	1.29	1.45	9.39	ppb
Molybdenum	98-1	1.33	1.31	1.23	1.29	4.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.18	1.19	1.12	1.16	3.08	ppb
Phosphorus	31-2	-15.57	-14.55	-38.23	-22.78		ppb
Potassium	39-2	2319.79	2223.09	2310.94	2284.61	2.34	ppb
Rhodium	103-1				89		%
Rhodium	103-2				99		%
Scandium	45-1				93		%
Scandium	45-2				99		%
Selenium	82-1	3.01	1.79	1.51	2.10	38.07	ppb
Selenium	77-2	0.00	2.92	1.52	1.48	98.58	ppb
Selenium	78-2	3.28	1.55	0.35	1.73	85.15	ppb
Silicon	28-1	6100.43	5853.21	5585.02	5846.22	4.41	ppb
Silver	107-1	0.17	0.21	0.19	0.19	11.12	ppb
Silver	109-1	0.15	0.14	0.17	0.15	9.70	ppb
Sodium	23-2	107145.39	105512.71	102262.90	104973.67	2.37	ppb
Strontium	86-1	608.83	569.60	548.37	575.60	5.33	ppb
Strontium	88-1	620.97	560.86	542.32	574.72	7.15	ppb
Sulfur	34-1	51076.82	48265.52	46903.95	48748.76	4.37	ppb
Terbium	159-1				92		%
Terbium	159-2				100		%
Thallium	203-1	-0.05	-0.12	-0.09	-0.09		ppb
Thallium	205-1	-0.08	-0.12	-0.10	-0.10		ppb
Tin	118-1	-2.21	-2.34	-2.32	-2.29		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-20	Instrumnet Name :	P8
Client Sample ID :	MH1E30	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:52:32	DataFile Name :	101AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.62	3.11	2.59	2.78	10.52	ppb
Uranium	238-1	1.70	1.63	1.56	1.63	4.32	ppb
Vanadium	51-2	0.54	0.52	0.60	0.55	7.63	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				92		%
Yttrium	89-2				97		%
Zinc	66-2	355.59	348.06	359.24	354.30	1.61	ppb
Zirconium	90-1	0.09	0.06	0.06	0.07	23.22	ppb
Zirconium	91-1	0.10	0.07	0.08	0.08	21.47	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-21	Instrumnet Name :	P8
Client Sample ID :	MH1E30D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:55:31	DataFile Name :	102AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	94.39	90.76	94.13	93.09	2.17	ppb
Antimony	121-1	6.02	6.16	6.09	6.09	1.18	ppb
Arsenic	75-2	5.24	5.19	5.75	5.39	5.70	ppb
Barium	135-1	54.61	55.99	53.92	54.84	1.92	ppb
Barium	137-1	54.46	55.69	55.20	55.12	1.13	ppb
Beryllium	9-1	-0.02	-0.02	-0.03	-0.02		ppb
Bismuth	209-1				96		%
Bismuth	209-2				97		%
Boron	10-1	36.44	38.63	40.09	38.39	4.78	ppb
Boron	11-1	36.19	36.78	39.45	37.47	4.63	ppb
Bromine	81-1						cps
Cadmium	111-1	1.12	0.91	1.12	1.05	11.15	ppb
Cadmium	106-1	3.84	1.21	0.21	1.75	107.06	ppb
Cadmium	108-1	0.90	0.90	1.04	0.95	8.63	ppb
Calcium	43-1	120430.36	127669.64	118226.27	122108.76	4.05	ppb
Calcium	44-1	121319.85	126741.19	117637.70	121899.58	3.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.17	0.25	0.19	0.20	18.48	ppb
Cobalt	59-2	0.33	0.34	0.33	0.34	2.22	ppb
Copper	63-2	2.89	2.93	2.77	2.86	3.05	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				101		%
Holmium	165-2				101		%
Indium	115-1				96		%
Indium	115-2				96		%
Iron	54-2	384.88	406.02	381.38	390.76	3.41	ppb
Iron	56-2	392.33	401.28	379.19	390.93	2.84	ppb
Iron	57-2	488.72	501.55	514.94	501.74	2.61	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-21	Instrumnet Name :	P8
Client Sample ID :	MH1E30D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:55:31	DataFile Name :	102AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	35.60	35.44	35.71	35.58	0.38	ppb
Lead	207-1	35.09	35.72	35.97	35.59	1.29	ppb
Lead	208-1	35.30	35.40	36.04	35.58	1.12	ppb
Lithium	6-1				114		%
Magnesium	24-2	28343.34	29111.83	28230.25	28561.80	1.68	ppb
Manganese	55-2	274.54	277.40	259.89	270.61	3.47	ppb
Molybdenum	94-1	1.21	1.23	1.06	1.17	7.94	ppb
Molybdenum	95-1	1.30	1.35	1.29	1.31	2.27	ppb
Molybdenum	96-1	1.14	1.14	1.14	1.14	0.21	ppb
Molybdenum	97-1	1.21	1.37	1.22	1.27	7.28	ppb
Molybdenum	98-1	1.21	1.20	1.21	1.20	0.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.12	1.26	1.06	1.15	8.96	ppb
Phosphorus	31-2	-20.61	-24.99	29.48	-5.37		ppb
Potassium	39-2	2272.66	2357.69	2214.95	2281.77	3.15	ppb
Rhodium	103-1				95		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	82-1	1.47	1.05	0.40	0.97	55.58	ppb
Selenium	77-2	2.87	1.49	6.11	3.49	67.85	ppb
Selenium	78-2	1.46	2.74	1.97	2.06	31.54	ppb
Silicon	28-1	5563.58	5729.57	5480.95	5591.37	2.26	ppb
Silver	107-1	0.14	0.17	0.19	0.17	12.94	ppb
Silver	109-1	0.16	0.18	0.17	0.17	6.16	ppb
Sodium	23-2	103934.70	105374.94	102769.43	104026.36	1.25	ppb
Strontium	86-1	538.73	545.77	550.89	545.13	1.12	ppb
Strontium	88-1	550.96	547.86	544.58	547.80	0.58	ppb
Sulfur	34-1	45962.79	47600.81	43548.83	45704.14	4.46	ppb
Terbium	159-1				98		%
Terbium	159-2				99		%
Thallium	203-1	-0.07	-0.10	-0.09	-0.09		ppb
Thallium	205-1	-0.12	-0.09	-0.11	-0.11		ppb
Tin	118-1	-2.24	-2.46	-2.22	-2.31		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-21	Instrumnet Name :	P8
Client Sample ID :	MH1E30D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:55:31	DataFile Name :	102AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.49	2.15	1.98	2.21	11.76	ppb
Uranium	238-1	1.55	1.57	1.62	1.58	2.15	ppb
Vanadium	51-2	0.50	0.61	0.59	0.57	9.62	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	341.79	362.96	339.69	348.15	3.70	ppb
Zirconium	90-1	0.07	0.07	0.06	0.06	8.92	ppb
Zirconium	91-1	0.03	0.04	0.12	0.07	74.07	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-20LX5	Instrumnet Name :	P8
Client Sample ID :	MH1E30L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 17:58:28	DataFile Name :	103AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.70	17.18	17.06	18.31	11.31	ppb
Antimony	121-1	1.18	1.12	1.18	1.16	2.91	ppb
Arsenic	75-2	0.97	0.96	1.32	1.08	18.97	ppb
Barium	135-1	11.03	10.10	10.52	10.55	4.39	ppb
Barium	137-1	10.62	10.67	10.69	10.66	0.33	ppb
Beryllium	9-1	-0.03	-0.04	-0.03	-0.03		ppb
Bismuth	209-1				97		%
Bismuth	209-2				96		%
Boron	10-1	13.03	11.49	12.61	12.38	6.42	ppb
Boron	11-1	11.87	11.51	11.98	11.79	2.06	ppb
Bromine	81-1						cps
Cadmium	111-1	0.14	0.24	0.16	0.18	29.51	ppb
Cadmium	106-1	1.23	1.56	-0.62	0.72	161.99	ppb
Cadmium	108-1	-0.32	0.12	-0.17	-0.12		ppb
Calcium	43-1	23358.26	23378.23	23611.65	23449.38	0.60	ppb
Calcium	44-1	22942.99	23870.58	23297.86	23370.48	2.00	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	0.02	0.00	0.00		ppb
Cobalt	59-2	0.07	0.03	0.05	0.05	42.61	ppb
Copper	63-2	0.56	0.60	0.65	0.60	7.21	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				98		%
Holmium	165-2				98		%
Indium	115-1				94		%
Indium	115-2				95		%
Iron	54-2	74.54	72.15	74.48	73.72	1.85	ppb
Iron	56-2	75.78	75.08	74.77	75.21	0.69	ppb
Iron	57-2	92.71	90.90	95.50	93.03	2.49	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-20LX5	Instrumnet Name :	P8
Client Sample ID :	MH1E30L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 17:58:28	DataFile Name :	103AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	6.83	6.51	6.88	6.74	3.00	ppb
Lead	207-1	6.90	6.55	6.72	6.72	2.64	ppb
Lead	208-1	6.74	6.54	6.80	6.69	2.01	ppb
Lithium	6-1				113		%
Magnesium	24-2	5649.75	5515.86	5600.12	5588.58	1.21	ppb
Manganese	55-2	52.95	52.97	52.50	52.81	0.50	ppb
Molybdenum	94-1	0.15	0.15	0.17	0.16	5.89	ppb
Molybdenum	95-1	0.18	0.26	0.24	0.23	19.79	ppb
Molybdenum	96-1	0.14	0.17	0.16	0.16	9.27	ppb
Molybdenum	97-1	0.18	0.22	0.20	0.20	11.89	ppb
Molybdenum	98-1	0.20	0.25	0.20	0.21	13.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.21	0.17	0.22	0.20	14.87	ppb
Phosphorus	31-2	-40.22	-44.18	-10.75	-31.72		ppb
Potassium	39-2	424.46	449.09	454.03	442.53	3.58	ppb
Rhodium	103-1				93		%
Rhodium	103-2				97		%
Scandium	45-1				96		%
Scandium	45-2				99		%
Selenium	82-1	1.85	0.59	-0.21	0.74	140.27	ppb
Selenium	77-2	1.52	1.51	0.00	1.01	86.60	ppb
Selenium	78-2	0.62	-0.07	0.67	0.41	102.75	ppb
Silicon	28-1	1071.50	1097.32	1116.38	1095.07	2.06	ppb
Silver	107-1	0.05	0.03	0.04	0.04	23.37	ppb
Silver	109-1	0.02	0.02	0.03	0.02	10.35	ppb
Sodium	23-2	20450.74	19716.18	19744.84	19970.59	2.08	ppb
Strontium	86-1	105.02	109.54	102.82	105.79	3.23	ppb
Strontium	88-1	107.27	107.49	105.57	106.78	0.98	ppb
Sulfur	34-1	13573.04	13485.94	14195.62	13751.54	2.81	ppb
Terbium	159-1				94		%
Terbium	159-2				97		%
Thallium	203-1	-0.13	-0.14	-0.15	-0.14		ppb
Thallium	205-1	-0.18	-0.16	-0.17	-0.17		ppb
Tin	118-1	-3.05	-2.98	-2.91	-2.98		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-20LX5	Instrumnet Name :	P8
Client Sample ID :	MH1E30L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 17:58:28	DataFile Name :	103AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.47	0.57	0.31	0.45	28.98	ppb
Uranium	238-1	0.27	0.28	0.31	0.29	6.78	ppb
Vanadium	51-2	0.11	0.10	0.10	0.10	6.89	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				96		%
Yttrium	89-2				95		%
Zinc	66-2	69.06	68.85	69.63	69.18	0.58	ppb
Zirconium	90-1	0.00	0.00	0.02	0.00	221.26	ppb
Zirconium	91-1	0.00	-0.03	0.00	-0.01		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-22	Instrumnet Name :	P8
Client Sample ID :	MH1E30S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:01:29	DataFile Name :	104AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2176.64	2158.80	2099.55	2145.00	1.88	ppb
Antimony	121-1	111.97	111.87	109.96	111.26	1.02	ppb
Arsenic	75-2	49.28	48.43	46.79	48.17	2.63	ppb
Barium	135-1	2188.31	2148.29	2156.00	2164.20	0.98	ppb
Barium	137-1	2155.02	2104.95	2115.84	2125.27	1.24	ppb
Beryllium	9-1	50.30	51.81	51.21	51.11	1.49	ppb
Bismuth	209-1				95		%
Bismuth	209-2				94		%
Boron	10-1	34.61	37.59	40.27	37.49	7.56	ppb
Boron	11-1	33.95	35.92	38.84	36.24	6.80	ppb
Bromine	81-1						cps
Cadmium	111-1	55.99	55.38	53.08	54.82	2.80	ppb
Cadmium	106-1	50.04	42.71	43.64	45.46	8.77	ppb
Cadmium	108-1	45.47	45.30	47.52	46.10	2.69	ppb
Calcium	43-1	125125.42	123946.59	118060.99	122377.66	3.09	ppb
Calcium	44-1	123026.88	117192.01	116004.70	118741.20	3.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	204.49	202.93	200.02	202.48	1.12	ppb
Cobalt	59-2	515.17	508.08	499.19	507.48	1.58	ppb
Copper	63-2	255.06	248.29	247.80	250.39	1.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				98		%
Indium	115-1				93		%
Indium	115-2				94		%
Iron	54-2	1591.86	1588.66	1564.36	1581.62	0.95	ppb
Iron	56-2	1510.63	1452.62	1475.17	1479.47	1.98	ppb
Iron	57-2	1526.97	1517.74	1570.57	1538.43	1.83	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-22	Instrumnet Name :	P8
Client Sample ID :	MH1E30S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:01:29	DataFile Name :	104AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	54.88	53.33	54.41	54.21	1.46	ppb
Lead	207-1	54.38	54.83	54.81	54.67	0.47	ppb
Lead	208-1	54.29	54.16	54.25	54.23	0.12	ppb
Lithium	6-1				109		%
Magnesium	24-2	29214.58	28233.00	28007.28	28484.95	2.25	ppb
Manganese	55-2	787.76	768.25	753.53	769.85	2.23	ppb
Molybdenum	94-1	1.12	1.34	1.28	1.25	9.25	ppb
Molybdenum	95-1	1.28	1.38	1.31	1.32	4.14	ppb
Molybdenum	96-1	1.14	1.21	1.20	1.18	2.82	ppb
Molybdenum	97-1	1.32	1.28	1.26	1.29	2.15	ppb
Molybdenum	98-1	1.12	1.17	1.31	1.20	8.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	518.77	521.35	510.14	516.75	1.14	ppb
Phosphorus	31-2	-48.19	-13.55	-14.30	-25.35		ppb
Potassium	39-2	2259.91	2203.49	2252.42	2238.61	1.37	ppb
Rhodium	103-1				91		%
Rhodium	103-2				98		%
Scandium	45-1				96		%
Scandium	45-2				100		%
Selenium	82-1	104.04	110.17	104.15	106.12	3.31	ppb
Selenium	77-2	111.99	89.88	104.82	102.23	11.03	ppb
Selenium	78-2	110.41	109.28	108.41	109.37	0.91	ppb
Silicon	28-1	5897.52	5801.54	5582.23	5760.43	2.81	ppb
Silver	107-1	36.88	36.18	35.41	36.16	2.03	ppb
Silver	109-1	36.39	36.22	34.71	35.77	2.59	ppb
Sodium	23-2	105222.56	103748.44	102686.04	103885.68	1.23	ppb
Strontium	86-1	542.27	550.42	540.94	544.54	0.94	ppb
Strontium	88-1	542.23	537.16	557.94	545.77	1.98	ppb
Sulfur	34-1	49433.36	49299.02	43986.55	47572.98	6.53	ppb
Terbium	159-1				96		%
Terbium	159-2				99		%
Thallium	203-1	48.86	48.83	50.78	49.49	2.26	ppb
Thallium	205-1	50.97	49.94	50.17	50.36	1.08	ppb
Tin	118-1	-2.34	-2.56	-2.46	-2.45		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-22	Instrumnet Name :	P8
Client Sample ID :	MH1E30S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:01:29	DataFile Name :	104AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.51	2.37	3.14	2.68	15.33	ppb
Uranium	238-1	1.51	1.50	1.58	1.53	3.06	ppb
Vanadium	51-2	519.87	513.77	514.20	515.95	0.66	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				95		%
Yttrium	89-2				97		%
Zinc	66-2	876.29	854.00	854.65	861.65	1.47	ppb
Zirconium	90-1	0.06	0.13	0.06	0.08	46.57	ppb
Zirconium	91-1	0.04	0.09	0.10	0.08	40.46	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-01	Instrumnet Name :	P8
Client Sample ID :	MH1F14	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:04:23	DataFile Name :	105AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35.24	34.55	33.56	34.45	2.46	ppb
Antimony	121-1	17.71	16.76	17.86	17.44	3.41	ppb
Arsenic	75-2	6.91	7.04	7.06	7.00	1.17	ppb
Barium	135-1	46.69	44.63	46.48	45.93	2.47	ppb
Barium	137-1	46.79	45.25	46.30	46.11	1.71	ppb
Beryllium	9-1	-0.03	0.00	-0.01	-0.01		ppb
Bismuth	209-1				94		%
Bismuth	209-2				94		%
Boron	10-1	40.99	44.18	44.26	43.14	4.32	ppb
Boron	11-1	40.10	43.26	43.92	42.43	4.81	ppb
Bromine	81-1						cps
Cadmium	111-1	7.42	7.42	7.68	7.51	2.02	ppb
Cadmium	106-1	10.67	9.14	6.67	8.83	22.88	ppb
Cadmium	108-1	6.90	6.20	6.81	6.64	5.77	ppb
Calcium	43-1	170160.20	169782.55	164236.05	168059.60	1.97	ppb
Calcium	44-1	170045.32	163813.00	164716.00	166191.44	2.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.36	0.33	0.33	0.34	4.16	ppb
Cobalt	59-2	0.34	0.34	0.30	0.32	7.40	ppb
Copper	63-2	5.80	6.10	6.19	6.03	3.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				98		%
Indium	115-1				95		%
Indium	115-2				94		%
Iron	54-2	120.28	126.74	127.11	124.71	3.08	ppb
Iron	56-2	122.14	126.19	124.01	124.11	1.64	ppb
Iron	57-2	249.12	285.35	277.99	270.82	7.07	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-01	Instrumnet Name :	P8
Client Sample ID :	MH1F14	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:04:23	DataFile Name :	105AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	42.35	44.05	42.86	43.09	2.03	ppb
Lead	207-1	41.90	43.36	42.35	42.54	1.76	ppb
Lead	208-1	42.43	43.59	42.86	42.96	1.36	ppb
Lithium	6-1				109		%
Magnesium	24-2	41536.45	41489.31	42058.69	41694.82	0.76	ppb
Manganese	55-2	77.68	78.08	78.31	78.02	0.41	ppb
Molybdenum	94-1	1.15	1.23	1.19	1.19	3.35	ppb
Molybdenum	95-1	1.23	1.28	1.34	1.28	4.32	ppb
Molybdenum	96-1	1.23	1.16	1.24	1.21	3.79	ppb
Molybdenum	97-1	1.11	1.29	1.19	1.20	7.39	ppb
Molybdenum	98-1	1.26	1.29	1.27	1.27	0.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.93	1.81	1.96	1.90	4.00	ppb
Phosphorus	31-2	12.69	-26.49	-8.47	-7.42		ppb
Potassium	39-2	2574.23	2586.48	2624.97	2595.23	1.02	ppb
Rhodium	103-1				92		%
Rhodium	103-2				95		%
Scandium	45-1				98		%
Scandium	45-2				100		%
Selenium	82-1	2.71	1.49	1.94	2.05	30.25	ppb
Selenium	77-2	0.00	4.55	0.00	1.52	173.21	ppb
Selenium	78-2	-0.15	1.52	0.82	0.73	114.54	ppb
Silicon	28-1	6357.46	6293.08	6255.19	6301.91	0.82	ppb
Silver	107-1	0.32	0.28	0.27	0.29	10.06	ppb
Silver	109-1	0.30	0.29	0.28	0.29	4.90	ppb
Sodium	23-2	140631.30	146847.45	150944.07	146140.94	3.55	ppb
Strontium	86-1	794.46	826.81	846.96	822.74	3.22	ppb
Strontium	88-1	816.89	832.67	829.14	826.23	1.00	ppb
Sulfur	34-1	63486.61	65083.36	66720.21	65096.72	2.48	ppb
Terbium	159-1				98		%
Terbium	159-2				100		%
Thallium	203-1	0.19	0.15	0.12	0.15	25.21	ppb
Thallium	205-1	0.18	0.19	0.14	0.17	16.63	ppb
Tin	118-1	-1.52	-1.73	-1.60	-1.62		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-01	Instrumnet Name :	P8
Client Sample ID :	MH1F14	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:04:23	DataFile Name :	105AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.16	1.28	1.30	1.24	5.93	ppb
Uranium	238-1	2.56	2.51	2.57	2.55	1.14	ppb
Vanadium	51-2	0.26	0.23	0.20	0.23	12.26	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	2175.60	2187.90	2159.13	2174.21	0.66	ppb
Zirconium	90-1	0.05	0.05	0.04	0.05	19.45	ppb
Zirconium	91-1	0.00	0.06	0.06	0.04	80.52	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-02	Instrumnet Name :	P8
Client Sample ID :	MH1F16	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:07:22	DataFile Name :	106AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	42.04	39.43	43.52	41.66	4.96	ppb
Antimony	121-1	3.03	3.08	3.33	3.15	5.20	ppb
Arsenic	75-2	3.55	3.19	3.27	3.34	5.67	ppb
Barium	135-1	65.64	66.66	69.35	67.22	2.86	ppb
Barium	137-1	66.93	66.09	70.51	67.84	3.46	ppb
Beryllium	9-1	-0.04	-0.06	-0.03	-0.04		ppb
Bismuth	209-1				94		%
Bismuth	209-2				95		%
Boron	10-1	132.84	129.99	153.73	138.86	9.34	ppb
Boron	11-1	130.29	132.02	144.29	135.53	5.63	ppb
Bromine	81-1						cps
Cadmium	111-1	0.51	0.47	0.53	0.50	6.19	ppb
Cadmium	106-1	2.45	1.56	0.63	1.55	58.82	ppb
Cadmium	108-1	0.46	0.14	0.49	0.36	53.31	ppb
Calcium	43-1	103377.28	107050.87	112515.76	107647.97	4.27	ppb
Calcium	44-1	102200.87	107016.43	110959.12	106725.47	4.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.19	0.25	0.25	0.23	14.00	ppb
Cobalt	59-2	0.26	0.25	0.31	0.27	12.11	ppb
Copper	63-2	4.98	4.87	5.54	5.13	7.05	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				94		%
Indium	115-2				93		%
Iron	54-2	140.17	137.40	145.18	140.92	2.80	ppb
Iron	56-2	139.90	143.84	155.42	146.39	5.51	ppb
Iron	57-2	223.08	221.24	255.60	233.31	8.28	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-02	Instrumnet Name :	P8
Client Sample ID :	MH1F16	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:07:22	DataFile Name :	106AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	41.62	42.91	45.19	43.24	4.18	ppb
Lead	207-1	42.13	42.14	45.68	43.32	4.72	ppb
Lead	208-1	42.40	42.75	45.25	43.47	3.58	ppb
Lithium	6-1				109		%
Magnesium	24-2	27484.34	27967.84	29814.77	28422.32	4.33	ppb
Manganese	55-2	24.95	25.27	27.45	25.89	5.27	ppb
Molybdenum	94-1	0.69	0.62	0.81	0.70	13.53	ppb
Molybdenum	95-1	0.68	0.73	0.77	0.73	5.76	ppb
Molybdenum	96-1	0.57	0.69	0.64	0.63	8.97	ppb
Molybdenum	97-1	0.70	0.68	0.66	0.68	2.56	ppb
Molybdenum	98-1	0.66	0.70	0.62	0.66	6.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.78	1.71	2.02	1.84	8.60	ppb
Phosphorus	31-2	42.15	29.02	86.28	52.48	57.16	ppb
Potassium	39-2	14700.49	15190.41	16426.35	15439.08	5.76	ppb
Rhodium	103-1				92		%
Rhodium	103-2				95		%
Scandium	45-1				97		%
Scandium	45-2				99		%
Selenium	82-1	1.18	0.97	0.17	0.77	68.46	ppb
Selenium	77-2	0.00	1.44	4.80	2.08	118.45	ppb
Selenium	78-2	0.21	2.61	3.53	2.12	80.85	ppb
Silicon	28-1	5938.92	6149.00	6211.29	6099.73	2.34	ppb
Silver	107-1	0.21	0.21	0.25	0.22	10.95	ppb
Silver	109-1	0.22	0.23	0.25	0.24	6.64	ppb
Sodium	23-2	277084.77	277503.51	306036.59	286874.96	5.79	ppb
Strontium	86-1	537.57	547.69	564.90	550.05	2.51	ppb
Strontium	88-1	532.81	541.10	559.73	544.55	2.53	ppb
Sulfur	34-1	34320.12	33582.25	36513.75	34805.37	4.38	ppb
Terbium	159-1				96		%
Terbium	159-2				97		%
Thallium	203-1	-0.08	-0.09	-0.08	-0.08		ppb
Thallium	205-1	-0.11	-0.11	-0.08	-0.10		ppb
Tin	118-1	-3.65	-3.78	-3.59	-3.67		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-02	Instrumnet Name :	P8
Client Sample ID :	MH1F16	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:07:22	DataFile Name :	106AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.03	1.15	1.18	1.12	6.89	ppb
Uranium	238-1	1.18	1.23	1.38	1.27	8.28	ppb
Vanadium	51-2	0.65	0.71	0.63	0.66	6.76	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	135.29	132.33	149.78	139.13	6.71	ppb
Zirconium	90-1	0.07	0.08	0.06	0.07	16.31	ppb
Zirconium	91-1	0.08	0.10	0.07	0.08	14.27	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-03	Instrumnet Name :	P8
Client Sample ID :	MH1F18	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:10:18	DataFile Name :	107AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	44.27	42.89	42.18	43.11	2.47	ppb
Antimony	121-1	21.92	22.53	22.01	22.15	1.50	ppb
Arsenic	75-2	9.67	9.39	9.92	9.66	2.77	ppb
Barium	135-1	47.53	50.98	49.98	49.50	3.59	ppb
Barium	137-1	48.48	51.99	49.12	49.86	3.75	ppb
Beryllium	9-1	-0.01	-0.02	-0.03	-0.02		ppb
Bismuth	209-1				95		%
Bismuth	209-2				95		%
Boron	10-1	51.95	53.82	54.30	53.36	2.32	ppb
Boron	11-1	53.02	54.24	54.53	53.93	1.49	ppb
Bromine	81-1						cps
Cadmium	111-1	8.67	9.49	8.91	9.02	4.65	ppb
Cadmium	106-1	8.21	8.91	7.74	8.29	7.09	ppb
Cadmium	108-1	7.54	8.27	7.34	7.71	6.32	ppb
Calcium	43-1	180238.11	183651.61	185157.65	183015.79	1.38	ppb
Calcium	44-1	178021.13	181887.77	175730.22	178546.38	1.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.16	0.16	0.17	0.16	2.85	ppb
Cobalt	59-2	0.25	0.29	0.24	0.26	10.75	ppb
Copper	63-2	12.72	12.72	12.58	12.67	0.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				100		%
Indium	115-1				94		%
Indium	115-2				95		%
Iron	54-2	146.00	155.25	141.68	147.64	4.69	ppb
Iron	56-2	144.44	146.62	143.50	144.85	1.10	ppb
Iron	57-2	285.20	302.87	287.56	291.88	3.29	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-03	Instrumnet Name :	P8
Client Sample ID :	MH1F18	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:10:18	DataFile Name :	107AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	126.87	125.61	128.61	127.03	1.19	ppb
Lead	207-1	130.20	121.09	128.93	126.74	3.89	ppb
Lead	208-1	127.02	123.44	128.09	126.18	1.93	ppb
Lithium	6-1				109		%
Magnesium	24-2	43051.29	44738.21	43220.50	43670.00	2.13	ppb
Manganese	55-2	92.22	96.50	92.11	93.61	2.67	ppb
Molybdenum	94-1	1.18	1.23	1.50	1.30	13.39	ppb
Molybdenum	95-1	1.39	1.53	1.44	1.46	4.92	ppb
Molybdenum	96-1	1.27	1.32	1.45	1.35	6.76	ppb
Molybdenum	97-1	1.37	1.41	1.71	1.50	12.39	ppb
Molybdenum	98-1	1.43	1.43	1.42	1.43	0.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.62	1.79	1.55	1.66	7.37	ppb
Phosphorus	31-2	-58.65	1.88	-31.34	-29.37		ppb
Potassium	39-2	2673.34	2815.83	2681.88	2723.69	2.93	ppb
Rhodium	103-1				92		%
Rhodium	103-2				97		%
Scandium	45-1				97		%
Scandium	45-2				99		%
Selenium	82-1	1.08	1.02	0.99	1.03	4.38	ppb
Selenium	77-2	2.98	1.45	0.00	1.48	100.85	ppb
Selenium	78-2	0.76	2.04	3.74	2.18	68.63	ppb
Silicon	28-1	6974.72	6746.93	6694.19	6805.28	2.19	ppb
Silver	107-1	0.39	0.42	0.46	0.42	9.32	ppb
Silver	109-1	0.43	0.47	0.44	0.45	4.12	ppb
Sodium	23-2	154807.08	155314.89	153964.47	154695.48	0.44	ppb
Strontium	86-1	876.72	887.04	906.35	890.04	1.69	ppb
Strontium	88-1	840.64	876.47	881.09	866.07	2.56	ppb
Sulfur	34-1	70668.57	69517.13	67372.96	69186.22	2.42	ppb
Terbium	159-1				95		%
Terbium	159-2				99		%
Thallium	203-1	0.21	0.16	0.18	0.18	12.98	ppb
Thallium	205-1	0.18	0.12	0.19	0.16	22.30	ppb
Tin	118-1	-3.59	-3.55	-3.56	-3.57		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-03	Instrumnet Name :	P8
Client Sample ID :	MH1F18	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:10:18	DataFile Name :	107AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.61	1.42	1.47	1.50	6.51	ppb
Uranium	238-1	2.70	2.58	2.64	2.64	2.27	ppb
Vanadium	51-2	0.23	0.24	0.22	0.23	5.13	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				95		%
Yttrium	89-2				98		%
Zinc	66-2	2384.79	2440.81	2423.79	2416.46	1.19	ppb
Zirconium	90-1	0.06	0.06	0.04	0.05	23.88	ppb
Zirconium	91-1	0.07	0.08	0.05	0.06	23.53	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-04	Instrumnet Name :	P8
Client Sample ID :	MH1F20	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:13:16	DataFile Name :	108AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	59.54	54.70	56.21	56.82	4.36	ppb
Antimony	121-1	17.45	17.94	18.65	18.01	3.35	ppb
Arsenic	75-2	9.57	9.51	9.85	9.64	1.89	ppb
Barium	135-1	51.54	52.41	55.87	53.28	4.30	ppb
Barium	137-1	51.78	53.26	55.64	53.56	3.64	ppb
Beryllium	9-1	-0.03	-0.04	-0.01	-0.03		ppb
Bismuth	209-1				96		%
Bismuth	209-2				95		%
Boron	10-1	63.63	67.39	69.92	66.98	4.73	ppb
Boron	11-1	63.21	67.50	70.59	67.10	5.52	ppb
Bromine	81-1						cps
Cadmium	111-1	7.05	7.14	7.55	7.24	3.68	ppb
Cadmium	106-1	3.97	6.72	8.44	6.38	35.36	ppb
Cadmium	108-1	6.27	5.71	5.92	5.97	4.74	ppb
Calcium	43-1	161915.07	155919.15	158902.31	158912.18	1.89	ppb
Calcium	44-1	156554.88	157915.93	158112.85	157527.89	0.54	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.87	1.01	0.96	0.95	7.71	ppb
Cobalt	59-2	0.30	0.31	0.34	0.32	6.41	ppb
Copper	63-2	13.76	13.13	13.67	13.52	2.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				95		%
Iron	54-2	227.34	224.29	224.52	225.38	0.75	ppb
Iron	56-2	228.09	225.26	228.67	227.34	0.80	ppb
Iron	57-2	366.80	363.93	358.43	363.05	1.17	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-04	Instrumnet Name :	P8
Client Sample ID :	MH1F20	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:13:16	DataFile Name :	108AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	146.79	148.38	152.00	149.06	1.79	ppb
Lead	207-1	148.01	147.26	149.25	148.17	0.68	ppb
Lead	208-1	146.47	147.68	151.36	148.50	1.71	ppb
Lithium	6-1				111		%
Magnesium	24-2	40636.69	38539.52	40394.62	39856.94	2.88	ppb
Manganese	55-2	100.37	99.48	99.04	99.63	0.68	ppb
Molybdenum	94-1	1.38	1.29	1.28	1.32	4.50	ppb
Molybdenum	95-1	1.35	1.44	1.38	1.39	3.34	ppb
Molybdenum	96-1	1.39	1.30	1.24	1.31	5.90	ppb
Molybdenum	97-1	1.27	1.43	1.43	1.38	6.63	ppb
Molybdenum	98-1	1.32	1.38	1.27	1.32	4.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.21	2.16	2.00	2.12	5.14	ppb
Phosphorus	31-2	-12.66	3.16	-7.49	-5.66		ppb
Potassium	39-2	5646.26	5463.65	5472.57	5527.50	1.86	ppb
Rhodium	103-1				95		%
Rhodium	103-2				97		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	2.46	0.93	0.38	1.25	85.90	ppb
Selenium	77-2	0.00	4.53	1.52	2.02	114.45	ppb
Selenium	78-2	2.73	1.64	1.13	1.83	44.62	ppb
Silicon	28-1	6237.41	6528.17	6707.79	6491.13	3.66	ppb
Silver	107-1	0.42	0.49	0.46	0.46	6.93	ppb
Silver	109-1	0.45	0.47	0.52	0.48	7.73	ppb
Sodium	23-2	185243.06	181021.72	182837.45	183034.08	1.16	ppb
Strontium	86-1	800.88	815.96	795.45	804.10	1.32	ppb
Strontium	88-1	775.66	787.14	782.03	781.61	0.74	ppb
Sulfur	34-1	56438.41	58262.44	57663.14	57454.66	1.62	ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	0.16	0.10	0.16	0.14	25.13	ppb
Thallium	205-1	0.13	0.11	0.13	0.12	8.44	ppb
Tin	118-1	-2.79	-2.69	-2.77	-2.75		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-04	Instrumnet Name :	P8
Client Sample ID :	MH1F20	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:13:16	DataFile Name :	108AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.78	2.16	1.86	1.93	10.24	ppb
Uranium	238-1	2.35	2.33	2.42	2.37	1.85	ppb
Vanadium	51-2	0.39	0.43	0.49	0.44	11.88	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	1897.02	1912.03	1940.68	1916.58	1.16	ppb
Zirconium	90-1	0.07	0.07	0.10	0.08	18.46	ppb
Zirconium	91-1	0.07	0.10	0.03	0.07	48.73	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-05	Instrumnet Name :	P8
Client Sample ID :	MH1F22	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:16:12	DataFile Name :	109AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33.68	32.42	31.08	32.40	4.01	ppb
Antimony	121-1	16.78	16.71	16.79	16.76	0.27	ppb
Arsenic	75-2	7.69	8.50	8.07	8.09	5.03	ppb
Barium	135-1	57.23	54.24	56.58	56.02	2.81	ppb
Barium	137-1	56.97	55.70	56.97	56.55	1.30	ppb
Beryllium	9-1	-0.03	-0.06	-0.05	-0.05		ppb
Bismuth	209-1				94		%
Bismuth	209-2				92		%
Boron	10-1	74.70	74.78	77.65	75.71	2.22	ppb
Boron	11-1	74.59	76.03	77.39	76.00	1.84	ppb
Bromine	81-1						cps
Cadmium	111-1	6.82	6.52	6.24	6.53	4.43	ppb
Cadmium	106-1	6.71	4.68	4.82	5.40	21.01	ppb
Cadmium	108-1	6.24	6.34	5.84	6.14	4.30	ppb
Calcium	43-1	158999.93	157173.22	160221.00	158798.05	0.97	ppb
Calcium	44-1	155788.25	156309.25	161960.63	158019.38	2.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.18	0.21	0.20	0.20	6.72	ppb
Cobalt	59-2	0.29	0.30	0.26	0.28	5.79	ppb
Copper	63-2	10.33	9.96	10.09	10.13	1.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				97		%
Indium	115-1				92		%
Indium	115-2				94		%
Iron	54-2	161.02	155.54	157.22	157.93	1.78	ppb
Iron	56-2	163.63	162.38	161.58	162.53	0.63	ppb
Iron	57-2	290.33	285.29	310.35	295.32	4.49	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-05	Instrumnet Name :	P8
Client Sample ID :	MH1F22	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:16:12	DataFile Name :	109AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	95.52	96.91	99.05	97.16	1.83	ppb
Lead	207-1	96.86	100.38	96.74	97.99	2.11	ppb
Lead	208-1	96.50	99.66	97.17	97.78	1.70	ppb
Lithium	6-1				112		%
Magnesium	24-2	39269.44	39129.67	38896.91	39098.68	0.48	ppb
Manganese	55-2	75.66	76.50	75.86	76.01	0.58	ppb
Molybdenum	94-1	1.19	1.05	1.08	1.11	6.72	ppb
Molybdenum	95-1	1.53	1.29	1.30	1.37	9.84	ppb
Molybdenum	96-1	1.33	1.17	1.23	1.24	6.53	ppb
Molybdenum	97-1	1.29	1.25	1.47	1.34	8.84	ppb
Molybdenum	98-1	1.29	1.33	1.26	1.29	2.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.14	2.00	2.02	2.05	3.68	ppb
Phosphorus	31-2	-34.25	-18.80	-8.47	-20.51		ppb
Potassium	39-2	6388.30	6216.40	6272.02	6292.24	1.39	ppb
Rhodium	103-1				90		%
Rhodium	103-2				97		%
Scandium	45-1				96		%
Scandium	45-2				99		%
Selenium	82-1	2.00	1.38	2.80	2.06	34.75	ppb
Selenium	77-2	1.52	4.55	0.00	2.02	114.42	ppb
Selenium	78-2	0.88	2.05	2.08	1.67	40.86	ppb
Silicon	28-1	6444.40	6544.22	6968.25	6652.29	4.18	ppb
Silver	107-1	0.41	0.37	0.41	0.40	5.03	ppb
Silver	109-1	0.33	0.37	0.38	0.36	6.20	ppb
Sodium	23-2	194452.81	193072.92	193980.02	193835.25	0.36	ppb
Strontium	86-1	813.14	746.36	782.16	780.55	4.28	ppb
Strontium	88-1	786.13	766.43	806.97	786.51	2.58	ppb
Sulfur	34-1	58549.17	58644.25	59602.23	58931.88	0.99	ppb
Terbium	159-1				95		%
Terbium	159-2				97		%
Thallium	203-1	0.12	0.16	0.13	0.14	16.93	ppb
Thallium	205-1	0.13	0.11	0.12	0.12	7.83	ppb
Tin	118-1	-3.83	-3.67	-3.71	-3.74		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-05	Instrumnet Name :	P8
Client Sample ID :	MH1F22	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:16:12	DataFile Name :	109AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.32	1.23	1.25	1.26	3.68	ppb
Uranium	238-1	2.23	2.14	2.22	2.20	2.32	ppb
Vanadium	51-2	0.37	0.33	0.40	0.37	9.11	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				96		%
Yttrium	89-2				96		%
Zinc	66-2	1698.34	1692.80	1736.21	1709.12	1.38	ppb
Zirconium	90-1	0.07	0.04	0.03	0.05	38.16	ppb
Zirconium	91-1	0.12	0.05	0.05	0.07	57.94	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-06	Instrumnet Name :	P8
Client Sample ID :	MH1F24	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:19:10	DataFile Name :	110AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	96.90	98.17	95.66	96.91	1.30	ppb
Antimony	121-1	21.33	21.07	20.17	20.86	2.92	ppb
Arsenic	75-2	13.85	14.59	14.47	14.30	2.79	ppb
Barium	135-1	58.33	57.73	52.66	56.24	5.54	ppb
Barium	137-1	57.64	57.67	52.97	56.09	4.82	ppb
Beryllium	9-1	-0.04	-0.04	-0.05	-0.04		ppb
Bismuth	209-1				94		%
Bismuth	209-2				93		%
Boron	10-1	68.57	74.78	68.08	70.48	5.30	ppb
Boron	11-1	68.52	72.61	69.50	70.21	3.04	ppb
Bromine	81-1						cps
Cadmium	111-1	8.70	8.15	7.69	8.18	6.15	ppb
Cadmium	106-1	9.47	7.16	6.07	7.57	22.90	ppb
Cadmium	108-1	7.72	8.25	5.82	7.26	17.60	ppb
Calcium	43-1	171874.52	165068.80	162090.45	166344.59	3.01	ppb
Calcium	44-1	169260.72	169855.37	159982.58	166366.22	3.33	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.48	0.42	0.48	0.46	7.25	ppb
Cobalt	59-2	0.62	0.60	0.58	0.60	2.87	ppb
Copper	63-2	17.46	17.56	17.04	17.36	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				98		%
Holmium	165-2				97		%
Indium	115-1				92		%
Indium	115-2				92		%
Iron	54-2	561.35	571.53	552.85	561.91	1.67	ppb
Iron	56-2	555.53	579.25	553.62	562.80	2.54	ppb
Iron	57-2	720.48	695.47	698.50	704.82	1.94	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-06	Instrumnet Name :	P8
Client Sample ID :	MH1F24	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:19:10	DataFile Name :	110AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	256.49	246.68	237.67	246.95	3.81	ppb
Lead	207-1	261.44	250.79	242.70	251.64	3.74	ppb
Lead	208-1	272.70	261.41	251.06	261.72	4.13	ppb
Lithium	6-1				107		%
Magnesium	24-2	42810.99	42965.69	41032.23	42269.64	2.54	ppb
Manganese	55-2	154.78	155.23	148.53	152.84	2.45	ppb
Molybdenum	94-1	1.01	1.02	1.07	1.03	2.76	ppb
Molybdenum	95-1	1.17	1.20	1.05	1.14	6.89	ppb
Molybdenum	96-1	1.08	1.02	1.01	1.04	3.44	ppb
Molybdenum	97-1	1.38	1.25	1.22	1.28	6.74	ppb
Molybdenum	98-1	1.23	1.23	1.08	1.18	7.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.95	2.02	1.90	1.96	2.95	ppb
Phosphorus	31-2	30.75	54.51	16.64	33.97	56.34	ppb
Potassium	39-2	5879.38	5808.85	5542.60	5743.61	3.09	ppb
Rhodium	103-1				91		%
Rhodium	103-2				93		%
Scandium	45-1				95		%
Scandium	45-2				99		%
Selenium	82-1	1.99	1.77	1.43	1.73	16.49	ppb
Selenium	77-2	0.00	1.54	3.05	1.53	99.68	ppb
Selenium	78-2	3.02	3.49	1.28	2.60	44.97	ppb
Silicon	28-1	7339.12	6975.49	6875.95	7063.52	3.45	ppb
Silver	107-1	0.82	0.80	0.78	0.80	2.07	ppb
Silver	109-1	0.83	0.81	0.79	0.81	2.28	ppb
Sodium	23-2	193034.72	193695.93	189827.66	192186.10	1.08	ppb
Strontium	86-1	824.37	817.33	778.69	806.80	3.05	ppb
Strontium	88-1	819.68	818.66	790.81	809.72	2.02	ppb
Sulfur	34-1	65191.48	62156.86	59338.21	62228.85	4.70	ppb
Terbium	159-1				96		%
Terbium	159-2				97		%
Thallium	203-1	0.25	0.27	0.22	0.24	10.08	ppb
Thallium	205-1	0.30	0.28	0.20	0.26	20.03	ppb
Tin	118-1	-3.69	-3.71	-3.85	-3.75		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-06	Instrumnet Name :	P8
Client Sample ID :	MH1F24	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:19:10	DataFile Name :	110AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.45	2.18	2.24	2.29	6.22	ppb
Uranium	238-1	2.38	2.34	2.18	2.30	4.65	ppb
Vanadium	51-2	0.57	0.61	0.50	0.56	9.72	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	2161.04	2202.07	2127.42	2163.51	1.73	ppb
Zirconium	90-1	0.08	0.07	0.09	0.08	12.47	ppb
Zirconium	91-1	0.06	0.08	0.10	0.08	23.80	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-07	Instrumnet Name :	P8
Client Sample ID :	MH1F26	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:22:06	DataFile Name :	111AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	73.27	72.87	69.51	71.89	2.87	ppb
Antimony	121-1	26.84	23.71	20.94	23.83	12.38	ppb
Arsenic	75-2	12.67	12.82	13.61	13.03	3.88	ppb
Barium	135-1	73.17	63.17	56.02	64.12	13.43	ppb
Barium	137-1	73.38	64.03	56.45	64.62	13.12	ppb
Beryllium	9-1	-0.01	-0.05	-0.03	-0.03		ppb
Bismuth	209-1				87		%
Bismuth	209-2				98		%
Boron	10-1	85.60	77.29	74.77	79.22	7.15	ppb
Boron	11-1	83.86	81.13	75.29	80.09	5.47	ppb
Bromine	81-1						cps
Cadmium	111-1	10.91	9.02	8.00	9.31	15.82	ppb
Cadmium	106-1	10.80	11.63	5.72	9.38	34.07	ppb
Cadmium	108-1	9.93	6.93	7.37	8.08	20.07	ppb
Calcium	43-1	220186.56	177094.42	165028.25	187436.41	15.47	ppb
Calcium	44-1	212740.77	172600.60	160922.90	182088.09	14.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.53	0.39	0.36	0.43	20.63	ppb
Cobalt	59-2	0.31	0.31	0.30	0.31	1.52	ppb
Copper	63-2	17.38	17.26	16.86	17.17	1.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				91		%
Holmium	165-2				102		%
Indium	115-1				87		%
Indium	115-2				98		%
Iron	54-2	303.06	307.63	302.39	304.36	0.94	ppb
Iron	56-2	307.74	313.02	306.08	308.94	1.17	ppb
Iron	57-2	456.34	450.26	451.43	452.68	0.71	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-07	Instrumnet Name :	P8
Client Sample ID :	MH1F26	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:22:06	DataFile Name :	111AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	270.27	231.60	213.09	238.32	12.24	ppb
Lead	207-1	272.60	231.12	209.19	237.64	13.55	ppb
Lead	208-1	276.29	231.16	220.62	242.69	12.19	ppb
Lithium	6-1				102		%
Magnesium	24-2	39471.56	40341.77	38805.44	39539.59	1.95	ppb
Manganese	55-2	103.67	106.56	101.88	104.03	2.27	ppb
Molybdenum	94-1	1.84	1.52	1.25	1.54	19.20	ppb
Molybdenum	95-1	1.83	1.39	1.39	1.54	16.28	ppb
Molybdenum	96-1	1.66	1.27	1.37	1.43	13.90	ppb
Molybdenum	97-1	1.70	1.51	1.38	1.53	10.47	ppb
Molybdenum	98-1	1.72	1.41	1.28	1.47	15.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.78	1.78	1.82	1.79	1.33	ppb
Phosphorus	31-2	-0.54	17.46	14.82	10.58	91.91	ppb
Potassium	39-2	5607.91	5704.75	5372.37	5561.68	3.07	ppb
Rhodium	103-1				84		%
Rhodium	103-2				100		%
Scandium	45-1				92		%
Scandium	45-2				105		%
Selenium	82-1	1.75	0.58	1.70	1.34	49.12	ppb
Selenium	77-2	2.90	0.00	1.47	1.46	99.63	ppb
Selenium	78-2	1.89	0.28	1.59	1.25	68.12	ppb
Silicon	28-1	8962.63	7231.28	6763.71	7652.54	15.14	ppb
Silver	107-1	1.01	0.83	0.77	0.87	14.39	ppb
Silver	109-1	0.96	0.84	0.74	0.85	12.81	ppb
Sodium	23-2	180229.41	183321.25	179114.75	180888.47	1.20	ppb
Strontium	86-1	1088.85	876.01	819.58	928.15	15.30	ppb
Strontium	88-1	1055.36	872.36	807.15	911.62	14.12	ppb
Sulfur	34-1	83722.12	65318.82	60395.68	69812.21	17.61	ppb
Terbium	159-1				88		%
Terbium	159-2				100		%
Thallium	203-1	0.25	0.15	0.13	0.18	36.45	ppb
Thallium	205-1	0.31	0.16	0.17	0.21	39.48	ppb
Tin	118-1	-2.56	-2.69	-3.00	-2.75		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-07	Instrumnet Name :	P8
Client Sample ID :	MH1F26	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:22:06	DataFile Name :	111AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.78	2.13	2.15	2.36	15.64	ppb
Uranium	238-1	3.04	2.66	2.51	2.74	10.00	ppb
Vanadium	51-2	0.41	0.48	0.41	0.44	9.34	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				90		%
Yttrium	89-2				100		%
Zinc	66-2	1993.63	1974.23	1960.19	1976.02	0.85	ppb
Zirconium	90-1	0.09	0.10	0.10	0.09	6.29	ppb
Zirconium	91-1	0.12	0.08	0.09	0.10	19.82	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	CCV068	Instrumnet Name :	P8
Client Sample ID :	CCV068	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:25:03	DataFile Name :	112CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51110.27	53666.35	55105.14	53293.92	3.80	ppb
Antimony	121-1	504.06	510.18	490.76	501.67	1.98	ppb
Arsenic	75-2	521.86	512.09	533.35	522.43	2.04	ppb
Barium	135-1	2530.17	2625.72	2525.75	2560.55	2.21	ppb
Barium	137-1	2537.86	2622.49	2484.74	2548.36	2.73	ppb
Beryllium	9-1	508.19	503.41	498.35	503.32	0.98	ppb
Bismuth	209-1				95		%
Bismuth	209-2				95		%
Boron	10-1	490.33	502.92	523.60	505.62	3.32	ppb
Boron	11-1	496.27	506.32	524.72	509.10	2.83	ppb
Bromine	81-1						cps
Cadmium	111-1	495.48	502.37	480.37	492.74	2.28	ppb
Cadmium	106-1	481.13	505.13	485.77	490.68	2.59	ppb
Cadmium	108-1	508.86	496.24	487.51	497.54	2.16	ppb
Calcium	43-1	259598.07	248109.21	258628.16	255445.15	2.49	ppb
Calcium	44-1	255640.45	254281.49	251969.33	253963.76	0.73	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	485.46	498.76	516.58	500.27	3.12	ppb
Cobalt	59-2	484.09	502.45	521.48	502.68	3.72	ppb
Copper	63-2	4843.15	5006.84	4963.88	4937.96	1.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				95		%
Iron	54-2	123031.96	127721.57	132026.39	127593.31	3.53	ppb
Iron	56-2	128434.50	129706.47	134408.74	130849.90	2.41	ppb
Iron	57-2	129365.59	128974.17	132590.53	130310.10	1.52	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	CCV068	Instrumnet Name :	P8
Client Sample ID :	CCV068	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:25:03	DataFile Name :	112CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2596.34	2584.06	2599.89	2593.43	0.32	ppb
Lead	207-1	2553.09	2686.84	2568.54	2602.82	2.81	ppb
Lead	208-1	2561.40	2617.34	2574.88	2584.54	1.13	ppb
Lithium	6-1				111		%
Magnesium	24-2	259649.20	268239.18	273939.18	267275.85	2.69	ppb
Manganese	55-2	5094.09	5212.90	5336.03	5214.34	2.32	ppb
Molybdenum	94-1	5539.95	5460.25	5664.83	5555.01	1.86	ppb
Molybdenum	95-1	5541.23	5354.02	5733.19	5542.81	3.42	ppb
Molybdenum	96-1	5537.00	5444.89	5472.18	5484.69	0.86	ppb
Molybdenum	97-1	5382.42	5387.88	5574.18	5448.16	2.00	ppb
Molybdenum	98-1	5496.82	5328.23	5728.55	5517.87	3.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	495.78	498.21	524.19	506.06	3.11	ppb
Phosphorus	31-2	10483.09	10385.20	11082.55	10650.28	3.54	ppb
Potassium	39-2	124701.03	131242.18	135725.09	130556.10	4.25	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	82-1	519.78	513.84	521.93	518.52	0.81	ppb
Selenium	77-2	542.15	515.68	600.54	552.79	7.85	ppb
Selenium	78-2	542.69	514.10	547.96	534.92	3.41	ppb
Silicon	28-1	494.83	524.34	526.29	515.15	3.42	ppb
Silver	107-1	508.58	519.30	498.87	508.92	2.01	ppb
Silver	109-1	508.19	516.61	517.84	514.22	1.02	ppb
Sodium	23-2	253084.94	269119.33	271050.25	264418.17	3.73	ppb
Strontium	86-1	4938.85	5018.08	5010.62	4989.19	0.88	ppb
Strontium	88-1	4978.47	5136.91	4969.50	5028.29	1.87	ppb
Sulfur	34-1	11826.52	11284.54	11268.04	11459.70	2.77	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	520.27	521.35	534.45	525.36	1.50	ppb
Thallium	205-1	520.45	514.12	532.20	522.25	1.76	ppb
Tin	118-1	511.63	517.38	502.55	510.52	1.47	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	CCV068	Instrumnet Name :	P8
Client Sample ID :	CCV068	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:25:03	DataFile Name :	112CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5596.97	5665.84	5492.46	5585.09	1.56	ppb
Uranium	238-1	525.68	527.37	526.19	526.41	0.16	ppb
Vanadium	51-2	488.18	511.66	529.07	509.64	4.03	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	4750.56	4909.17	5150.54	4936.75	4.08	ppb
Zirconium	90-1	513.77	502.06	526.13	513.99	2.34	ppb
Zirconium	91-1	502.01	494.55	507.21	501.26	1.27	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	CCB068	Instrumnet Name :	P8
Client Sample ID :	CCB068	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:31:02	DataFile Name :	113CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.97	0.22	0.82	0.67	59.03	ppb
Antimony	121-1	0.11	0.08	0.12	0.10	18.19	ppb
Arsenic	75-2	-0.03	-0.04	0.04	-0.01		ppb
Barium	135-1	0.01	0.02	0.06	0.03	84.70	ppb
Barium	137-1	0.04	0.04	0.06	0.05	18.92	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	43.98	ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Boron	10-1	24.75	25.28	22.96	24.33	4.99	ppb
Boron	11-1	23.78	25.10	22.72	23.87	4.98	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.10	-0.11	-0.12	-0.11		ppb
Cadmium	106-1	0.48	-3.24	-2.35	-1.71		ppb
Cadmium	108-1	-0.28	-0.47	-0.15	-0.30		ppb
Calcium	43-1	4.29	3.51	6.66	4.82	34.04	ppb
Calcium	44-1	11.77	13.59	12.64	12.67	7.19	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		ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	187.24	ppb
Copper	63-2	0.16	0.17	0.16	0.16	2.24	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				98		%
Holmium	165-2				98		%
Indium	115-1				97		%
Indium	115-2				96		%
Iron	54-2	1.63	2.60	2.74	2.32	25.93	ppb
Iron	56-2	2.73	2.15	2.18	2.35	13.90	ppb
Iron	57-2	1.01	3.26	0.06	1.44	114.09	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	CCB068	Instrumnet Name :	P8
Client Sample ID :	CCB068	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:31:02	DataFile Name :	113CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.04	0.08	0.09	0.07	36.51	ppb
Lead	207-1	0.07	0.06	0.08	0.07	15.55	ppb
Lead	208-1	0.04	0.06	0.07	0.05	29.50	ppb
Lithium	6-1				110		%
Magnesium	24-2	5.63	4.83	5.95	5.47	10.61	ppb
Manganese	55-2	0.11	0.09	0.07	0.09	23.14	ppb
Molybdenum	94-1	0.15	0.12	0.19	0.15	23.92	ppb
Molybdenum	95-1	0.17	0.10	0.18	0.15	29.22	ppb
Molybdenum	96-1	0.09	0.11	0.14	0.12	23.19	ppb
Molybdenum	97-1	0.22	0.15	0.18	0.18	19.66	ppb
Molybdenum	98-1	0.16	0.12	0.16	0.14	17.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.02	-0.02	-0.02		ppb
Phosphorus	31-2	-77.04	-90.19	-76.41	-81.21		ppb
Potassium	39-2	9.91	9.60	11.23	10.25	8.44	ppb
Rhodium	103-1				92		%
Rhodium	103-2				100		%
Scandium	45-1				95		%
Scandium	45-2				100		%
Selenium	82-1	0.46	-0.09	-1.09	-0.24		ppb
Selenium	77-2	0.00	1.54	0.00	0.51	173.21	ppb
Selenium	78-2	-1.54	-0.27	-0.73	-0.85		ppb
Silicon	28-1	4.58	6.71	-0.42	3.62	101.12	ppb
Silver	107-1	0.06	0.04	0.03	0.04	34.79	ppb
Silver	109-1	0.02	0.04	0.03	0.03	33.54	ppb
Sodium	23-2	60.01	65.47	62.39	62.63	4.37	ppb
Strontium	86-1	0.13	0.10	0.30	0.18	60.04	ppb
Strontium	88-1	0.09	0.06	0.14	0.10	44.96	ppb
Sulfur	34-1	1484.64	2100.41	1568.75	1717.93	19.44	ppb
Terbium	159-1				95		%
Terbium	159-2				98		%
Thallium	203-1	-0.14	-0.11	-0.10	-0.12		ppb
Thallium	205-1	-0.12	-0.14	-0.12	-0.12		ppb
Tin	118-1	-0.43	-0.24	-0.33	-0.34		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	CCB068	Instrumnet Name :	P8
Client Sample ID :	CCB068	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:31:02	DataFile Name :	113CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.01	0.09	0.11	0.06	107.69	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	19.23	ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	59.53	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				95		%
Yttrium	89-2				97		%
Zinc	66-2	-0.06	0.19	0.03	0.05	233.03	ppb
Zirconium	90-1	0.02	0.00	0.00	0.01	180.34	ppb
Zirconium	91-1	-0.02	0.01	0.02	0.00	1760.13	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-08	Instrumnet Name :	P8
Client Sample ID :	MH1F28	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:34:04	DataFile Name :	114AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6143.05	5929.55	5949.89	6007.50	1.96	ppb
Antimony	121-1	4.81	4.88	4.85	4.85	0.72	ppb
Arsenic	75-2	13.98	12.83	13.24	13.35	4.34	ppb
Barium	135-1	255.14	256.39	257.61	256.38	0.48	ppb
Barium	137-1	253.51	261.27	257.11	257.30	1.51	ppb
Beryllium	9-1	0.33	0.30	0.31	0.31	4.98	ppb
Bismuth	209-1				94		%
Bismuth	209-2				97		%
Boron	10-1	46.87	49.39	48.12	48.13	2.62	ppb
Boron	11-1	46.70	47.88	50.07	48.22	3.55	ppb
Bromine	81-1						cps
Cadmium	111-1	1.72	1.71	1.62	1.68	3.22	ppb
Cadmium	106-1	0.51	3.53	1.46	1.83	84.12	ppb
Cadmium	108-1	1.60	2.14	1.30	1.68	25.31	ppb
Calcium	43-1	55999.59	56366.43	57375.08	56580.37	1.26	ppb
Calcium	44-1	55882.64	55737.31	55766.44	55795.46	0.14	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7.27	7.11	7.00	7.12	1.95	ppb
Cobalt	59-2	2.66	2.53	2.55	2.58	2.66	ppb
Copper	63-2	25.08	24.79	24.93	24.93	0.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				99		%
Indium	115-1				93		%
Indium	115-2				95		%
Iron	54-2	6561.71	6488.30	6633.54	6561.18	1.11	ppb
Iron	56-2	6828.51	6817.19	6610.26	6751.99	1.82	ppb
Iron	57-2	6705.80	6485.74	6431.53	6541.02	2.22	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-08	Instrumnet Name :	P8
Client Sample ID :	MH1F28	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:34:04	DataFile Name :	114AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	234.68	239.22	241.01	238.30	1.37	ppb
Lead	207-1	238.88	240.24	235.12	238.08	1.11	ppb
Lead	208-1	248.41	246.91	247.78	247.70	0.30	ppb
Lithium	6-1				111		%
Magnesium	24-2	13963.18	13625.03	13652.88	13747.03	1.37	ppb
Manganese	55-2	197.60	194.48	191.31	194.46	1.62	ppb
Molybdenum	94-1	6.58	7.06	6.98	6.87	3.75	ppb
Molybdenum	95-1	0.59	0.61	0.62	0.61	3.12	ppb
Molybdenum	96-1	1.25	1.10	1.19	1.18	6.46	ppb
Molybdenum	97-1	0.55	0.60	0.51	0.55	8.02	ppb
Molybdenum	98-1	0.56	0.61	0.61	0.59	5.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.93	4.07	3.81	3.93	3.31	ppb
Phosphorus	31-2	662.90	678.41	689.82	677.04	2.00	ppb
Potassium	39-2	5687.21	5475.59	5689.53	5617.44	2.19	ppb
Rhodium	103-1				93		%
Rhodium	103-2				97		%
Scandium	45-1				97		%
Scandium	45-2				100		%
Selenium	82-1	-0.05	2.47	1.88	1.43	92.00	ppb
Selenium	77-2	3.03	5.84	8.85	5.91	49.23	ppb
Selenium	78-2	2.85	2.96	1.87	2.56	23.31	ppb
Silicon	28-1	27989.67	28448.19	28252.87	28230.24	0.82	ppb
Silver	107-1	1.30	1.39	1.33	1.34	3.58	ppb
Silver	109-1	1.23	1.34	1.38	1.32	5.80	ppb
Sodium	23-2	17523.30	17566.59	17143.94	17411.28	1.34	ppb
Strontium	86-1	292.15	293.59	303.70	296.48	2.12	ppb
Strontium	88-1	297.96	293.29	298.04	296.43	0.92	ppb
Sulfur	34-1	5707.09	5704.16	5525.29	5645.51	1.84	ppb
Terbium	159-1				94		%
Terbium	159-2				97		%
Thallium	203-1	0.03	0.04	0.04	0.03	17.20	ppb
Thallium	205-1	0.04	0.03	0.03	0.04	15.04	ppb
Tin	118-1	-3.68	-3.65	-3.74	-3.69		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-08	Instrumnet Name :	P8
Client Sample ID :	MH1F28	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:34:04	DataFile Name :	114AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	192.85	195.31	214.16	200.77	5.81	ppb
Uranium	238-1	2.33	2.31	2.39	2.34	1.97	ppb
Vanadium	51-2	27.49	26.87	25.80	26.72	3.21	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	237.02	232.59	233.22	234.28	1.02	ppb
Zirconium	90-1	3.36	3.60	3.59	3.52	3.92	ppb
Zirconium	91-1	3.47	3.45	3.57	3.50	1.87	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-09	Instrumnet Name :	P8
Client Sample ID :	MH1F30	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:37:06	DataFile Name :	115AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	111.59	114.61	112.91	113.03	1.34	ppb
Antimony	121-1	23.65	26.85	29.81	26.77	11.52	ppb
Arsenic	75-2	17.83	18.67	18.61	18.37	2.56	ppb
Barium	135-1	57.53	64.46	73.17	65.05	12.05	ppb
Barium	137-1	58.08	64.79	74.15	65.67	12.29	ppb
Beryllium	9-1	-0.03	-0.03	-0.01	-0.02		ppb
Bismuth	209-1				86		%
Bismuth	209-2				94		%
Boron	10-1	76.37	87.80	98.31	87.50	12.54	ppb
Boron	11-1	74.50	85.61	100.04	86.72	14.76	ppb
Bromine	81-1						cps
Cadmium	111-1	7.57	8.50	9.86	8.65	13.33	ppb
Cadmium	106-1	5.78	6.81	6.14	6.24	8.41	ppb
Cadmium	108-1	5.87	8.19	7.27	7.11	16.41	ppb
Calcium	43-1	160760.65	184130.76	201408.40	182099.94	11.20	ppb
Calcium	44-1	158691.02	179406.42	197860.48	178652.64	10.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.36	0.29	0.43	0.36	19.66	ppb
Cobalt	59-2	0.36	0.39	0.36	0.37	5.42	ppb
Copper	63-2	23.76	23.62	23.83	23.74	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				91		%
Holmium	165-2				98		%
Indium	115-1				87		%
Indium	115-2				94		%
Iron	54-2	487.44	504.30	492.30	494.68	1.75	ppb
Iron	56-2	504.17	511.42	500.62	505.40	1.09	ppb
Iron	57-2	630.97	634.34	631.77	632.36	0.28	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-09	Instrumnet Name :	P8
Client Sample ID :	MH1F30	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:37:06	DataFile Name :	115AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	317.20	346.57	373.96	345.91	8.21	ppb
Lead	207-1	315.16	348.68	375.16	346.33	8.68	ppb
Lead	208-1	329.65	360.29	389.20	359.71	8.28	ppb
Lithium	6-1				105		%
Magnesium	24-2	38742.54	40171.62	40300.78	39738.31	2.18	ppb
Manganese	55-2	123.47	127.31	123.75	124.84	1.71	ppb
Molybdenum	94-1	1.31	1.38	1.69	1.46	14.01	ppb
Molybdenum	95-1	1.24	1.35	1.54	1.38	10.94	ppb
Molybdenum	96-1	1.28	1.31	1.48	1.36	7.63	ppb
Molybdenum	97-1	1.29	1.43	1.78	1.50	16.65	ppb
Molybdenum	98-1	1.26	1.41	1.51	1.39	9.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.93	2.14	1.81	1.96	8.41	ppb
Phosphorus	31-2	16.06	26.77	16.81	19.88	30.06	ppb
Potassium	39-2	6777.79	6828.95	6779.48	6795.41	0.43	ppb
Rhodium	103-1				85		%
Rhodium	103-2				95		%
Scandium	45-1				90		%
Scandium	45-2				101		%
Selenium	82-1	1.88	2.13	2.14	2.05	7.16	ppb
Selenium	77-2	1.46	0.00	0.00	0.49	173.21	ppb
Selenium	78-2	1.70	1.91	2.46	2.02	19.54	ppb
Silicon	28-1	6820.96	7802.69	8591.21	7738.29	11.46	ppb
Silver	107-1	1.22	1.36	1.49	1.36	10.17	ppb
Silver	109-1	1.15	1.29	1.57	1.34	16.28	ppb
Sodium	23-2	200730.94	201931.30	195933.13	199531.79	1.59	ppb
Strontium	86-1	807.19	852.30	1002.48	887.32	11.52	ppb
Strontium	88-1	777.94	829.06	981.06	862.69	12.25	ppb
Sulfur	34-1	57134.82	64882.16	72773.33	64930.10	12.04	ppb
Terbium	159-1				88		%
Terbium	159-2				100		%
Thallium	203-1	0.16	0.15	0.23	0.18	23.82	ppb
Thallium	205-1	0.17	0.19	0.19	0.19	6.57	ppb
Tin	118-1	-3.71	-3.61	-3.44	-3.59		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-09	Instrumnet Name :	P8
Client Sample ID :	MH1F30	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:37:06	DataFile Name :	115AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	3.24	3.46	3.90	3.53	9.51	ppb
Uranium	238-1	2.48	2.61	2.82	2.64	6.41	ppb
Vanadium	51-2	0.57	0.63	0.65	0.62	7.06	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				88		%
Yttrium	89-2				97		%
Zinc	66-2	1991.44	2001.82	1983.21	1992.16	0.47	ppb
Zirconium	90-1	0.13	0.14	0.12	0.13	11.10	ppb
Zirconium	91-1	0.13	0.16	0.21	0.17	24.68	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-10	Instrumnet Name :	P8
Client Sample ID :	MH1F32	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:40:02	DataFile Name :	116AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.38	5.86	5.99	5.74	5.61	ppb
Antimony	121-1	13.35	13.75	13.26	13.45	1.94	ppb
Arsenic	75-2	3.91	3.68	3.73	3.78	3.11	ppb
Barium	135-1	42.03	42.41	42.34	42.26	0.48	ppb
Barium	137-1	41.85	42.64	42.31	42.27	0.94	ppb
Beryllium	9-1	-0.03	-0.01	-0.05	-0.03		ppb
Bismuth	209-1				93		%
Bismuth	209-2				93		%
Boron	10-1	104.47	116.33	118.98	113.26	6.82	ppb
Boron	11-1	106.59	115.59	118.07	113.42	5.32	ppb
Bromine	81-1						cps
Cadmium	111-1	1.09	1.35	1.01	1.15	15.66	ppb
Cadmium	106-1	1.13	1.34	-0.65	0.61	180.31	ppb
Cadmium	108-1	0.45	1.12	1.17	0.91	43.95	ppb
Calcium	43-1	289392.77	290804.27	306809.28	295668.78	3.27	ppb
Calcium	44-1	293459.33	294662.44	297568.32	295230.03	0.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.39	0.40	0.47	0.42	9.76	ppb
Cobalt	59-2	0.45	0.44	0.46	0.45	1.79	ppb
Copper	63-2	7.50	7.47	7.60	7.52	0.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				97		%
Indium	115-1				94		%
Indium	115-2				93		%
Iron	54-2	58.96	62.03	61.48	60.83	2.69	ppb
Iron	56-2	62.18	61.48	61.90	61.85	0.57	ppb
Iron	57-2	308.00	315.26	331.02	318.09	3.70	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-10	Instrumnet Name :	P8
Client Sample ID :	MH1F32	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:40:02	DataFile Name :	116AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	5.23	5.09	5.26	5.19	1.78	ppb
Lead	207-1	5.45	5.21	5.24	5.30	2.51	ppb
Lead	208-1	5.27	5.14	5.24	5.22	1.33	ppb
Lithium	6-1				110		%
Magnesium	24-2	68100.75	66425.40	65908.94	66811.69	1.72	ppb
Manganese	55-2	99.95	102.26	101.56	101.26	1.17	ppb
Molybdenum	94-1	2.23	2.20	2.23	2.22	0.84	ppb
Molybdenum	95-1	1.98	1.91	2.02	1.97	2.89	ppb
Molybdenum	96-1	1.96	2.02	1.87	1.95	3.76	ppb
Molybdenum	97-1	2.21	2.05	1.98	2.08	5.60	ppb
Molybdenum	98-1	2.07	2.06	2.00	2.05	1.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.55	3.51	3.79	3.62	4.17	ppb
Phosphorus	31-2	72.35	18.66	5.46	32.16	110.17	ppb
Potassium	39-2	29468.87	29637.37	29652.58	29586.27	0.34	ppb
Rhodium	103-1				92		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				100		%
Selenium	82-1	1.62	2.04	1.73	1.80	11.99	ppb
Selenium	77-2	1.53	0.00	1.53	1.02	86.60	ppb
Selenium	78-2	2.26	-0.65	-0.84	0.25	682.39	ppb
Silicon	28-1	11772.81	12092.81	12480.19	12115.27	2.92	ppb
Silver	107-1	0.04	0.04	0.04	0.04	5.20	ppb
Silver	109-1	0.04	0.03	0.03	0.03	27.47	ppb
Sodium	23-2	83326.71	83370.42	85658.08	84118.40	1.59	ppb
Strontium	86-1	1307.68	1285.85	1305.47	1299.67	0.92	ppb
Strontium	88-1	1260.89	1294.81	1272.00	1275.90	1.36	ppb
Sulfur	34-1	131069.42	134457.91	138632.45	134719.93	2.81	ppb
Terbium	159-1				96		%
Terbium	159-2				97		%
Thallium	203-1	-0.07	-0.08	-0.08	-0.08		ppb
Thallium	205-1	-0.10	-0.10	-0.10	-0.10		ppb
Tin	118-1	-3.60	-3.50	-3.61	-3.57		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-10	Instrumnet Name :	P8
Client Sample ID :	MH1F32	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:40:02	DataFile Name :	116AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.05	1.03	0.99	1.02	3.21	ppb
Uranium	238-1	15.44	15.83	15.33	15.53	1.67	ppb
Vanadium	51-2	1.81	1.81	1.85	1.83	1.29	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				95		%
Yttrium	89-2				96		%
Zinc	66-2	717.09	705.09	709.46	710.54	0.85	ppb
Zirconium	90-1	0.19	0.22	0.23	0.21	10.11	ppb
Zirconium	91-1	0.17	0.22	0.18	0.19	13.40	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-11	Instrumnet Name :	P8
Client Sample ID :	MH1F34	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:43:01	DataFile Name :	117AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.06	13.51	12.27	13.28	6.88	ppb
Antimony	121-1	10.66	10.61	10.63	10.63	0.22	ppb
Arsenic	75-2	11.78	11.42	11.27	11.49	2.27	ppb
Barium	135-1	140.04	137.19	136.83	138.02	1.27	ppb
Barium	137-1	139.02	137.99	136.29	137.77	1.00	ppb
Beryllium	9-1	-0.01	-0.04	-0.01	-0.02		ppb
Bismuth	209-1				95		%
Bismuth	209-2				98		%
Boron	10-1	46.93	44.95	48.64	46.84	3.94	ppb
Boron	11-1	46.91	44.64	50.43	47.32	6.16	ppb
Bromine	81-1						cps
Cadmium	111-1	0.29	0.25	0.23	0.25	12.59	ppb
Cadmium	106-1	-0.87	-0.33	1.16	-0.01		ppb
Cadmium	108-1	-0.18	-0.13	0.38	0.03	1217.50	ppb
Calcium	43-1	67022.16	65660.60	66959.86	66547.54	1.16	ppb
Calcium	44-1	65810.94	67049.91	66260.54	66373.80	0.94	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.13	0.19	0.14	0.15	21.52	ppb
Cobalt	59-2	0.06	0.06	0.06	0.06	1.83	ppb
Copper	63-2	1.74	1.76	1.85	1.79	3.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				99		%
Indium	115-1				96		%
Indium	115-2				95		%
Iron	54-2	66.75	63.53	65.30	65.19	2.47	ppb
Iron	56-2	66.77	64.71	68.31	66.60	2.71	ppb
Iron	57-2	119.61	133.30	130.28	127.73	5.63	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-11	Instrumnet Name :	P8
Client Sample ID :	MH1F34	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:43:01	DataFile Name :	117AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	16.76	16.80	16.88	16.81	0.34	ppb
Lead	207-1	16.82	17.08	16.91	16.94	0.77	ppb
Lead	208-1	16.97	17.10	16.93	17.00	0.52	ppb
Lithium	6-1				111		%
Magnesium	24-2	16729.06	15975.19	16092.31	16265.52	2.49	ppb
Manganese	55-2	15.47	14.75	15.67	15.30	3.18	ppb
Molybdenum	94-1	0.65	0.46	0.46	0.52	20.24	ppb
Molybdenum	95-1	0.65	0.58	0.55	0.59	8.57	ppb
Molybdenum	96-1	0.57	0.54	0.53	0.54	4.28	ppb
Molybdenum	97-1	0.78	0.64	0.61	0.68	13.27	ppb
Molybdenum	98-1	0.65	0.57	0.55	0.59	8.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.29	0.36	0.45	0.37	21.47	ppb
Phosphorus	31-2	-5.27	-50.00	-49.59	-34.95		ppb
Potassium	39-2	3922.99	3924.76	3997.44	3948.39	1.08	ppb
Rhodium	103-1				93		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	82-1	3.42	2.00	1.06	2.16	55.04	ppb
Selenium	77-2	0.00	1.46	2.98	1.48	100.65	ppb
Selenium	78-2	1.55	1.32	1.94	1.61	19.71	ppb
Silicon	28-1	17476.63	17683.04	17540.58	17566.75	0.60	ppb
Silver	107-1	0.07	0.08	0.05	0.07	20.43	ppb
Silver	109-1	0.06	0.07	0.06	0.06	9.69	ppb
Sodium	23-2	24038.95	23342.70	23240.74	23540.80	1.85	ppb
Strontium	86-1	353.62	350.49	352.50	352.20	0.45	ppb
Strontium	88-1	339.81	350.48	348.56	346.28	1.64	ppb
Sulfur	34-1	15046.23	13885.64	14243.32	14391.73	4.13	ppb
Terbium	159-1				96		%
Terbium	159-2				99		%
Thallium	203-1	-0.06	-0.08	-0.06	-0.07		ppb
Thallium	205-1	-0.07	-0.07	-0.07	-0.07		ppb
Tin	118-1	-3.59	-3.38	-3.58	-3.52		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-11	Instrumnet Name :	P8
Client Sample ID :	MH1F34	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:43:01	DataFile Name :	117AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.47	1.51	1.59	1.53	4.07	ppb
Uranium	238-1	1.56	1.57	1.63	1.59	2.24	ppb
Vanadium	51-2	3.43	3.42	3.21	3.35	3.66	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	235.23	233.65	235.44	234.77	0.42	ppb
Zirconium	90-1	0.03	0.02	0.02	0.03	27.72	ppb
Zirconium	91-1	0.01	0.01	0.05	0.02	103.64	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-12	Instrumnet Name :	P8
Client Sample ID :	MH1F36	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:46:00	DataFile Name :	118AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	44.66	41.37	45.29	43.77	4.81	ppb
Antimony	121-1	17.06	17.77	18.01	17.61	2.78	ppb
Arsenic	75-2	11.19	11.14	11.40	11.24	1.22	ppb
Barium	135-1	52.59	53.43	55.41	53.81	2.68	ppb
Barium	137-1	53.41	55.01	55.78	54.73	2.22	ppb
Beryllium	9-1	-0.02	-0.02	-0.05	-0.03		ppb
Bismuth	209-1				92		%
Bismuth	209-2				91		%
Boron	10-1	75.68	85.02	84.99	81.90	6.58	ppb
Boron	11-1	73.80	84.04	81.71	79.85	6.73	ppb
Bromine	81-1						cps
Cadmium	111-1	5.95	5.98	6.11	6.01	1.48	ppb
Cadmium	106-1	5.11	4.88	4.94	4.97	2.44	ppb
Cadmium	108-1	4.97	5.36	4.88	5.07	5.04	ppb
Calcium	43-1	154957.73	153449.49	150744.24	153050.49	1.39	ppb
Calcium	44-1	148768.65	147992.60	154502.83	150421.36	2.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.23	0.15	0.11	0.16	40.02	ppb
Cobalt	59-2	0.35	0.31	0.27	0.31	13.34	ppb
Copper	63-2	12.19	11.84	11.68	11.91	2.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				97		%
Indium	115-1				94		%
Indium	115-2				92		%
Iron	54-2	263.45	232.38	242.28	246.04	6.45	ppb
Iron	56-2	261.64	241.49	251.84	251.66	4.00	ppb
Iron	57-2	410.67	383.68	382.41	392.25	4.07	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-12	Instrumnet Name :	P8
Client Sample ID :	MH1F36	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:46:00	DataFile Name :	118AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	113.72	116.45	112.04	114.07	1.95	ppb
Lead	207-1	111.96	116.02	112.23	113.40	2.00	ppb
Lead	208-1	112.38	114.65	113.08	113.37	1.02	ppb
Lithium	6-1				108		%
Magnesium	24-2	38415.46	37271.46	37498.09	37728.34	1.61	ppb
Manganese	55-2	109.34	101.47	103.81	104.87	3.85	ppb
Molybdenum	94-1	0.92	1.12	1.02	1.02	9.75	ppb
Molybdenum	95-1	1.27	1.23	1.27	1.26	1.99	ppb
Molybdenum	96-1	1.06	1.15	1.13	1.11	4.38	ppb
Molybdenum	97-1	1.25	1.16	1.17	1.20	4.08	ppb
Molybdenum	98-1	1.12	1.20	1.18	1.17	3.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.75	1.66	1.73	1.71	2.83	ppb
Phosphorus	31-2	31.56	22.86	-35.20	6.41	566.46	ppb
Potassium	39-2	7291.11	6812.87	6827.98	6977.32	3.90	ppb
Rhodium	103-1				92		%
Rhodium	103-2				96		%
Scandium	45-1				96		%
Scandium	45-2				98		%
Selenium	82-1	1.09	1.11	1.97	1.39	36.20	ppb
Selenium	77-2	1.57	0.00	0.00	0.52	173.21	ppb
Selenium	78-2	3.10	1.60	2.04	2.24	34.30	ppb
Silicon	28-1	6440.40	6484.47	6532.39	6485.75	0.71	ppb
Silver	107-1	0.46	0.51	0.46	0.48	6.15	ppb
Silver	109-1	0.44	0.47	0.51	0.47	8.18	ppb
Sodium	23-2	203497.03	194303.81	197230.60	198343.82	2.37	ppb
Strontium	86-1	732.75	725.45	736.64	731.62	0.78	ppb
Strontium	88-1	715.32	728.05	737.30	726.89	1.52	ppb
Sulfur	34-1	55806.60	54830.48	54378.38	55005.15	1.33	ppb
Terbium	159-1				96		%
Terbium	159-2				96		%
Thallium	203-1	0.09	0.07	0.03	0.06	47.35	ppb
Thallium	205-1	0.05	0.10	0.06	0.07	34.03	ppb
Tin	118-1	-3.60	-3.51	-3.48	-3.53		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-12	Instrumnet Name :	P8
Client Sample ID :	MH1F36	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:46:00	DataFile Name :	118AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.24	0.86	1.14	1.08	18.33	ppb
Uranium	238-1	2.13	2.19	2.09	2.14	2.31	ppb
Vanadium	51-2	0.36	0.36	0.34	0.35	2.41	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				96		%
Yttrium	89-2				96		%
Zinc	66-2	1782.25	1681.31	1688.61	1717.39	3.28	ppb
Zirconium	90-1	0.05	0.03	0.05	0.04	26.80	ppb
Zirconium	91-1	0.03	0.04	0.07	0.05	46.09	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-13	Instrumnet Name :	P8
Client Sample ID :	MH1F38	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:49:00	DataFile Name :	119AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52.10	50.53	50.24	50.96	1.96	ppb
Antimony	121-1	18.04	18.45	18.46	18.32	1.32	ppb
Arsenic	75-2	11.12	11.12	11.32	11.19	1.03	ppb
Barium	135-1	63.81	64.66	65.97	64.81	1.68	ppb
Barium	137-1	64.43	66.16	64.97	65.19	1.36	ppb
Beryllium	9-1	-0.01	-0.03	-0.04	-0.03		ppb
Bismuth	209-1				94		%
Bismuth	209-2				92		%
Boron	10-1	82.61	85.86	84.00	84.16	1.94	ppb
Boron	11-1	82.05	83.97	87.32	84.45	3.16	ppb
Bromine	81-1						cps
Cadmium	111-1	5.69	5.83	5.94	5.82	2.16	ppb
Cadmium	106-1	4.60	8.44	4.91	5.98	35.70	ppb
Cadmium	108-1	5.19	4.74	4.58	4.84	6.53	ppb
Calcium	43-1	147903.88	148271.22	154687.57	150287.56	2.54	ppb
Calcium	44-1	146573.46	146657.83	147041.18	146757.49	0.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.25	0.26	0.21	0.24	11.31	ppb
Cobalt	59-2	0.35	0.33	0.35	0.35	3.26	ppb
Copper	63-2	11.11	11.18	11.48	11.26	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				97		%
Holmium	165-2				97		%
Indium	115-1				94		%
Indium	115-2				93		%
Iron	54-2	271.39	268.98	276.32	272.23	1.37	ppb
Iron	56-2	282.53	275.94	279.91	279.46	1.19	ppb
Iron	57-2	391.73	391.86	417.04	400.21	3.64	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-13	Instrumnet Name :	P8
Client Sample ID :	MH1F38	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:49:00	DataFile Name :	119AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	114.13	113.57	114.77	114.16	0.52	ppb
Lead	207-1	115.69	115.92	112.18	114.60	1.83	ppb
Lead	208-1	115.20	114.89	113.53	114.54	0.78	ppb
Lithium	6-1				109		%
Magnesium	24-2	37375.30	38068.08	37590.37	37677.92	0.94	ppb
Manganese	55-2	100.85	101.71	102.88	101.82	1.00	ppb
Molybdenum	94-1	0.90	1.02	1.00	0.97	6.65	ppb
Molybdenum	95-1	1.09	1.27	1.23	1.20	7.52	ppb
Molybdenum	96-1	1.11	1.16	1.16	1.14	2.66	ppb
Molybdenum	97-1	1.30	1.21	1.23	1.25	3.91	ppb
Molybdenum	98-1	1.13	1.07	1.20	1.14	5.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.64	2.01	1.59	1.75	13.19	ppb
Phosphorus	31-2	-36.73	55.57	20.45	13.09	355.79	ppb
Potassium	39-2	7423.76	7323.46	7533.78	7427.00	1.42	ppb
Rhodium	103-1				91		%
Rhodium	103-2				94		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	82-1	0.91	2.02	0.44	1.13	72.08	ppb
Selenium	77-2	0.00	4.50	4.70	3.07	86.66	ppb
Selenium	78-2	1.32	1.72	1.17	1.40	20.49	ppb
Silicon	28-1	7077.61	7193.53	7606.68	7292.61	3.81	ppb
Silver	107-1	0.57	0.54	0.50	0.54	6.45	ppb
Silver	109-1	0.42	0.50	0.50	0.47	9.84	ppb
Sodium	23-2	195463.27	197840.79	193300.18	195534.75	1.16	ppb
Strontium	86-1	716.68	738.46	734.24	729.79	1.58	ppb
Strontium	88-1	723.81	733.45	719.66	725.64	0.97	ppb
Sulfur	34-1	52167.58	52730.06	55403.50	53433.72	3.24	ppb
Terbium	159-1				94		%
Terbium	159-2				98		%
Thallium	203-1	0.03	0.06	0.08	0.06	42.12	ppb
Thallium	205-1	0.05	0.07	0.06	0.06	22.56	ppb
Tin	118-1	-3.69	-3.66	-3.64	-3.66		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-13	Instrumnet Name :	P8
Client Sample ID :	MH1F38	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:49:00	DataFile Name :	119AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.39	1.78	1.54	1.57	12.69	ppb
Uranium	238-1	2.11	2.21	2.05	2.12	3.82	ppb
Vanadium	51-2	0.60	0.61	0.57	0.59	3.81	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				96		%
Zinc	66-2	1623.86	1611.45	1648.31	1627.87	1.15	ppb
Zirconium	90-1	0.08	0.05	0.07	0.07	25.35	ppb
Zirconium	91-1	0.08	0.08	0.07	0.08	3.66	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-14	Instrumnet Name :	P8
Client Sample ID :	MH1F40	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:51:57	DataFile Name :	120AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32.84	34.50	31.12	32.82	5.16	ppb
Antimony	121-1	15.68	16.48	16.08	16.08	2.48	ppb
Arsenic	75-2	9.38	10.15	9.07	9.54	5.84	ppb
Barium	135-1	60.33	61.81	62.72	61.62	1.95	ppb
Barium	137-1	59.64	62.02	62.32	61.33	2.40	ppb
Beryllium	9-1	-0.06	-0.03	-0.01	-0.03		ppb
Bismuth	209-1				95		%
Bismuth	209-2				95		%
Boron	10-1	82.68	85.94	85.05	84.56	1.99	ppb
Boron	11-1	78.64	85.22	84.46	82.78	4.35	ppb
Bromine	81-1						cps
Cadmium	111-1	5.10	5.26	5.45	5.27	3.34	ppb
Cadmium	106-1	3.24	4.09	4.28	3.87	14.40	ppb
Cadmium	108-1	4.78	4.08	4.76	4.54	8.73	ppb
Calcium	43-1	144961.46	146818.69	140688.12	144156.09	2.18	ppb
Calcium	44-1	137765.21	142357.36	142776.91	140966.49	1.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.16	0.22	0.14	0.17	24.04	ppb
Cobalt	59-2	0.28	0.27	0.29	0.28	2.92	ppb
Copper	63-2	8.94	9.23	9.16	9.11	1.67	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				101		%
Holmium	165-2				99		%
Indium	115-1				97		%
Indium	115-2				96		%
Iron	54-2	211.38	210.05	210.52	210.65	0.32	ppb
Iron	56-2	221.33	216.28	215.26	217.62	1.50	ppb
Iron	57-2	347.62	336.05	324.99	336.22	3.37	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-14	Instrumnet Name :	P8
Client Sample ID :	MH1F40	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:51:57	DataFile Name :	120AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	83.53	82.42	84.50	83.48	1.25	ppb
Lead	207-1	84.55	82.98	83.88	83.80	0.94	ppb
Lead	208-1	84.38	83.18	83.53	83.70	0.74	ppb
Lithium	6-1				111		%
Magnesium	24-2	35263.58	35780.63	34779.50	35274.57	1.42	ppb
Manganese	55-2	106.52	103.86	103.10	104.49	1.72	ppb
Molybdenum	94-1	0.90	0.93	1.03	0.96	7.21	ppb
Molybdenum	95-1	1.03	1.04	1.09	1.05	2.71	ppb
Molybdenum	96-1	1.00	1.08	0.96	1.01	6.40	ppb
Molybdenum	97-1	1.04	1.10	1.05	1.06	2.78	ppb
Molybdenum	98-1	0.95	0.94	1.02	0.97	4.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.70	1.66	1.64	1.67	1.90	ppb
Phosphorus	31-2	-36.93	3.42	-6.94	-13.48		ppb
Potassium	39-2	7072.99	7107.77	7080.80	7087.19	0.26	ppb
Rhodium	103-1				94		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				101		%
Selenium	82-1	2.79	0.42	2.14	1.78	68.56	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.95	2.24	0.42	1.20	77.79	ppb
Silicon	28-1	7310.39	7017.12	7273.94	7200.48	2.22	ppb
Silver	107-1	0.35	0.36	0.38	0.36	4.93	ppb
Silver	109-1	0.30	0.37	0.40	0.36	13.47	ppb
Sodium	23-2	188175.29	186849.89	181947.75	185657.64	1.77	ppb
Strontium	86-1	692.99	693.75	690.44	692.39	0.25	ppb
Strontium	88-1	678.09	686.82	709.06	691.32	2.31	ppb
Sulfur	34-1	52416.72	49397.18	52337.83	51383.91	3.35	ppb
Terbium	159-1				98		%
Terbium	159-2				100		%
Thallium	203-1	0.02	0.05	0.05	0.04	42.27	ppb
Thallium	205-1	0.04	0.05	0.03	0.04	27.54	ppb
Tin	118-1	-3.60	-3.47	-3.63	-3.57		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-14	Instrumnet Name :	P8
Client Sample ID :	MH1F40	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:51:57	DataFile Name :	120AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.10	1.03	1.08	1.07	2.96	ppb
Uranium	238-1	2.04	2.03	2.09	2.06	1.60	ppb
Vanadium	51-2	0.50	0.57	0.50	0.52	7.30	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	1565.21	1522.10	1551.56	1546.29	1.42	ppb
Zirconium	90-1	0.04	0.06	0.04	0.05	19.17	ppb
Zirconium	91-1	0.05	0.05	0.02	0.04	49.70	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-15	Instrumnet Name :	P8
Client Sample ID :	MH1F42	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:54:55	DataFile Name :	121AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	155.43	152.76	154.92	154.37	0.92	ppb
Antimony	121-1	0.32	0.33	0.30	0.32	4.60	ppb
Arsenic	75-2	1.51	1.51	1.49	1.50	1.02	ppb
Barium	135-1	254.45	239.62	246.39	246.82	3.01	ppb
Barium	137-1	260.94	239.67	251.46	250.69	4.25	ppb
Beryllium	9-1	-0.02	-0.04	-0.03	-0.03		ppb
Bismuth	209-1				97		%
Bismuth	209-2				99		%
Boron	10-1	59.19	61.25	63.44	61.29	3.46	ppb
Boron	11-1	59.61	61.35	63.51	61.49	3.17	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.01	-0.04	-0.01	-0.02		ppb
Cadmium	106-1	2.16	-2.55	-0.26	-0.22		ppb
Cadmium	108-1	-0.28	-0.40	-0.39	-0.36		ppb
Calcium	43-1	106383.75	97740.09	99658.46	101260.77	4.48	ppb
Calcium	44-1	104397.55	94944.38	101280.20	100207.38	4.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.55	0.49	0.57	0.54	7.58	ppb
Cobalt	59-2	0.31	0.31	0.25	0.29	11.26	ppb
Copper	63-2	0.86	0.93	0.95	0.91	5.67	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				100		%
Holmium	165-2				101		%
Indium	115-1				97		%
Indium	115-2				98		%
Iron	54-2	510.84	511.44	533.00	518.43	2.44	ppb
Iron	56-2	539.20	531.94	528.84	533.33	1.00	ppb
Iron	57-2	605.35	606.31	624.26	611.97	1.74	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-15	Instrumnet Name :	P8
Client Sample ID :	MH1F42	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:54:55	DataFile Name :	121AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.49	1.56	1.61	1.55	3.83	ppb
Lead	207-1	1.50	1.45	1.46	1.47	1.74	ppb
Lead	208-1	1.50	1.47	1.54	1.50	2.26	ppb
Lithium	6-1				112		%
Magnesium	24-2	22869.65	23350.76	22799.76	23006.72	1.30	ppb
Manganese	55-2	348.20	348.58	359.46	352.08	1.82	ppb
Molybdenum	94-1	1.28	1.01	1.01	1.10	14.50	ppb
Molybdenum	95-1	0.77	0.84	0.84	0.82	5.11	ppb
Molybdenum	96-1	0.68	0.71	0.59	0.66	9.36	ppb
Molybdenum	97-1	0.86	0.79	0.74	0.80	7.82	ppb
Molybdenum	98-1	0.78	0.70	0.79	0.76	7.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.62	0.71	0.65	0.66	7.30	ppb
Phosphorus	31-2	177.58	125.11	116.40	139.69	23.69	ppb
Potassium	39-2	12510.62	12988.29	12658.16	12719.03	1.92	ppb
Rhodium	103-1				95		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Selenium	82-1	1.92	1.12	2.40	1.81	35.73	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.90	0.17	1.43	0.83	75.93	ppb
Silicon	28-1	19444.78	17203.45	17882.42	18176.89	6.32	ppb
Silver	107-1	0.01	0.02	0.01	0.01	46.07	ppb
Silver	109-1	0.01	0.01	0.01	0.01	28.91	ppb
Sodium	23-2	52072.20	51672.92	52467.17	52070.76	0.76	ppb
Strontium	86-1	489.27	443.47	449.04	460.59	5.43	ppb
Strontium	88-1	477.89	452.37	453.04	461.10	3.15	ppb
Sulfur	34-1	17940.74	13900.81	14995.88	15612.48	13.38	ppb
Terbium	159-1				99		%
Terbium	159-2				102		%
Thallium	203-1	-0.19	-0.16	-0.17	-0.17		ppb
Thallium	205-1	-0.20	-0.18	-0.18	-0.19		ppb
Tin	118-1	-3.60	-3.72	-3.74	-3.69		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-15	Instrumnet Name :	P8
Client Sample ID :	MH1F42	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:54:55	DataFile Name :	121AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	7.07	6.01	7.08	6.72	9.17	ppb
Uranium	238-1	1.42	1.38	1.45	1.42	2.63	ppb
Vanadium	51-2	3.49	3.41	3.33	3.41	2.40	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	11.98	10.40	11.04	11.14	7.11	ppb
Zirconium	90-1	0.29	0.26	0.36	0.30	16.14	ppb
Zirconium	91-1	0.32	0.29	0.24	0.28	15.58	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-16	Instrumnet Name :	P8
Client Sample ID :	MH1F44	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:57:52	DataFile Name :	122AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29.32	31.87	29.56	30.25	4.65	ppb
Antimony	121-1	16.56	17.03	17.07	16.89	1.67	ppb
Arsenic	75-2	9.52	9.86	9.13	9.50	3.83	ppb
Barium	135-1	65.35	71.99	69.34	68.89	4.86	ppb
Barium	137-1	66.32	71.35	69.04	68.90	3.65	ppb
Beryllium	9-1	-0.01	-0.03	-0.03	-0.03		ppb
Bismuth	209-1				96		%
Bismuth	209-2				94		%
Boron	10-1	79.32	87.03	84.36	83.57	4.68	ppb
Boron	11-1	78.76	86.74	84.64	83.38	4.96	ppb
Bromine	81-1						cps
Cadmium	111-1	5.55	5.73	5.93	5.74	3.34	ppb
Cadmium	106-1	5.47	5.98	5.03	5.49	8.62	ppb
Cadmium	108-1	5.98	5.32	3.89	5.06	21.08	ppb
Calcium	43-1	148786.10	152440.48	151123.05	150783.21	1.23	ppb
Calcium	44-1	144597.64	148695.90	147635.41	146976.32	1.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.18	0.16	0.16	0.17	7.82	ppb
Cobalt	59-2	0.30	0.30	0.33	0.31	5.81	ppb
Copper	63-2	8.38	8.61	8.52	8.50	1.39	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				100		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	54-2	216.63	218.87	222.14	219.21	1.26	ppb
Iron	56-2	219.89	221.67	217.88	219.81	0.86	ppb
Iron	57-2	331.40	337.43	345.22	338.02	2.05	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-16	Instrumnet Name :	P8
Client Sample ID :	MH1F44	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:57:52	DataFile Name :	122AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	73.58	73.09	75.30	73.99	1.57	ppb
Lead	207-1	75.72	74.85	73.72	74.77	1.34	ppb
Lead	208-1	73.60	74.48	74.82	74.30	0.85	ppb
Lithium	6-1				113		%
Magnesium	24-2	36097.58	39260.48	36768.12	37375.39	4.46	ppb
Manganese	55-2	112.98	115.33	113.02	113.78	1.18	ppb
Molybdenum	94-1	1.19	1.00	1.18	1.12	9.28	ppb
Molybdenum	95-1	1.17	1.20	1.24	1.20	3.28	ppb
Molybdenum	96-1	1.14	1.01	1.03	1.06	6.82	ppb
Molybdenum	97-1	1.17	1.20	1.14	1.17	2.56	ppb
Molybdenum	98-1	1.19	1.21	1.19	1.20	0.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.72	1.62	1.79	1.71	5.17	ppb
Phosphorus	31-2	4.84	-6.05	-25.80	-9.00		ppb
Potassium	39-2	7482.56	7637.13	7429.99	7516.56	1.43	ppb
Rhodium	103-1				95		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	82-1	1.92	0.07	1.36	1.12	85.21	ppb
Selenium	77-2	1.43	1.43	1.41	1.42	0.81	ppb
Selenium	78-2	1.56	2.05	1.35	1.65	21.82	ppb
Silicon	28-1	7935.96	7927.83	7613.73	7825.84	2.35	ppb
Silver	107-1	0.25	0.25	0.26	0.25	2.80	ppb
Silver	109-1	0.26	0.26	0.25	0.26	3.37	ppb
Sodium	23-2	191314.52	203637.37	194583.20	196511.70	3.25	ppb
Strontium	86-1	724.63	734.67	734.00	731.10	0.77	ppb
Strontium	88-1	718.30	730.03	716.71	721.68	1.01	ppb
Sulfur	34-1	53895.39	53342.51	49239.37	52159.09	4.88	ppb
Terbium	159-1				99		%
Terbium	159-2				102		%
Thallium	203-1	0.09	0.06	0.07	0.07	19.88	ppb
Thallium	205-1	0.06	0.07	0.08	0.07	17.54	ppb
Tin	118-1	-3.69	-3.60	-3.67	-3.65		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-16	Instrumnet Name :	P8
Client Sample ID :	MH1F44	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:57:52	DataFile Name :	122AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.28	1.24	1.17	1.23	4.62	ppb
Uranium	238-1	2.21	2.17	2.08	2.15	2.97	ppb
Vanadium	51-2	0.61	0.60	0.58	0.60	2.15	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	1616.64	1665.33	1628.20	1636.72	1.55	ppb
Zirconium	90-1	0.06	0.08	0.05	0.06	23.54	ppb
Zirconium	91-1	0.09	0.13	0.09	0.10	16.84	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-17	Instrumnet Name :	P8
Client Sample ID :	MH1F46	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:00:50	DataFile Name :	123AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.52	4.16	4.30	3.99	10.44	ppb
Antimony	121-1	16.07	16.17	17.00	16.41	3.10	ppb
Arsenic	75-2	5.67	5.42	5.21	5.43	4.20	ppb
Barium	135-1	48.11	49.26	51.32	49.56	3.28	ppb
Barium	137-1	47.72	48.48	50.76	48.99	3.23	ppb
Beryllium	9-1	-0.05	-0.03	-0.04	-0.04		ppb
Bismuth	209-1				97		%
Bismuth	209-2				98		%
Boron	10-1	53.91	52.64	52.53	53.03	1.45	ppb
Boron	11-1	51.52	51.71	51.98	51.74	0.44	ppb
Bromine	81-1						cps
Cadmium	111-1	7.20	6.88	7.12	7.07	2.39	ppb
Cadmium	106-1	5.42	6.48	6.00	5.96	8.92	ppb
Cadmium	108-1	7.25	6.25	6.34	6.61	8.33	ppb
Calcium	43-1	176138.94	177559.85	174308.07	176002.29	0.93	ppb
Calcium	44-1	173312.66	178854.66	170440.04	174202.46	2.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.06	0.02	0.01	-0.01		ppb
Cobalt	59-2	0.16	0.15	0.17	0.16	4.53	ppb
Copper	63-2	2.93	2.92	2.92	2.92	0.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				104		%
Indium	115-1				98		%
Indium	115-2				100		%
Iron	54-2	28.92	32.89	29.58	30.46	6.97	ppb
Iron	56-2	29.80	30.35	30.49	30.21	1.19	ppb
Iron	57-2	180.78	174.43	181.00	178.74	2.09	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-17	Instrumnet Name :	P8
Client Sample ID :	MH1F46	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:00:50	DataFile Name :	123AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4.16	4.20	4.22	4.19	0.71	ppb
Lead	207-1	4.04	4.05	4.31	4.13	3.72	ppb
Lead	208-1	4.07	4.12	4.18	4.12	1.40	ppb
Lithium	6-1				115		%
Magnesium	24-2	42763.48	43641.98	43942.19	43449.22	1.41	ppb
Manganese	55-2	50.84	51.25	49.93	50.67	1.33	ppb
Molybdenum	94-1	1.12	1.13	1.10	1.12	1.17	ppb
Molybdenum	95-1	1.27	1.36	1.31	1.31	3.44	ppb
Molybdenum	96-1	1.18	1.22	1.18	1.19	2.03	ppb
Molybdenum	97-1	1.30	1.33	1.30	1.31	1.54	ppb
Molybdenum	98-1	1.26	1.29	1.28	1.28	1.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.56	1.53	1.48	1.52	2.66	ppb
Phosphorus	31-2	-37.25	-57.53	-40.64	-45.14		ppb
Potassium	39-2	2616.40	2713.66	2640.29	2656.79	1.91	ppb
Rhodium	103-1				97		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				106		%
Selenium	82-1	1.54	2.41	1.98	1.98	21.97	ppb
Selenium	77-2	0.00	0.00	1.40	0.47	173.21	ppb
Selenium	78-2	1.14	1.88	0.81	1.28	42.71	ppb
Silicon	28-1	6746.08	6520.99	6564.77	6610.61	1.81	ppb
Silver	107-1	0.06	0.07	0.05	0.06	16.18	ppb
Silver	109-1	0.05	0.07	0.04	0.06	29.58	ppb
Sodium	23-2	148259.42	152576.39	154627.70	151821.17	2.14	ppb
Strontium	86-1	846.80	895.94	853.79	865.51	3.07	ppb
Strontium	88-1	835.38	875.83	870.82	860.68	2.56	ppb
Sulfur	34-1	66667.95	63316.24	65004.96	64996.39	2.58	ppb
Terbium	159-1				99		%
Terbium	159-2				104		%
Thallium	203-1	0.13	0.09	0.07	0.10	28.29	ppb
Thallium	205-1	0.06	0.06	0.09	0.07	27.16	ppb
Tin	118-1	-3.52	-3.47	-3.45	-3.48		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-17	Instrumnet Name :	P8
Client Sample ID :	MH1F46	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:00:50	DataFile Name :	123AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.39	0.47	0.52	0.46	14.24	ppb
Uranium	238-1	2.58	2.62	2.61	2.60	0.88	ppb
Vanadium	51-2	0.09	0.12	0.11	0.11	12.88	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				104		%
Zinc	66-2	2096.25	2107.71	2135.08	2113.02	0.94	ppb
Zirconium	90-1	0.02	0.01	0.03	0.02	39.77	ppb
Zirconium	91-1	0.02	-0.01	0.02	0.01	175.56	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-18	Instrumnet Name :	P8
Client Sample ID :	MH1F48	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:03:47	DataFile Name :	124AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46.38	46.84	46.63	46.62	0.49	ppb
Antimony	121-1	6.55	6.36	6.44	6.45	1.44	ppb
Arsenic	75-2	4.57	4.38	4.83	4.59	4.88	ppb
Barium	135-1	55.95	56.47	59.01	57.14	2.86	ppb
Barium	137-1	56.68	57.16	58.54	57.46	1.68	ppb
Beryllium	9-1	-0.03	-0.04	-0.01	-0.03		ppb
Bismuth	209-1				98		%
Bismuth	209-2				100		%
Boron	10-1	45.85	45.12	46.15	45.71	1.16	ppb
Boron	11-1	42.69	45.61	47.39	45.23	5.25	ppb
Bromine	81-1						cps
Cadmium	111-1	1.39	1.33	1.38	1.36	2.34	ppb
Cadmium	106-1	2.44	0.63	3.03	2.03	61.71	ppb
Cadmium	108-1	1.03	1.05	1.24	1.11	10.48	ppb
Calcium	43-1	146224.63	140227.16	144268.85	143573.55	2.13	ppb
Calcium	44-1	141563.50	136760.75	143078.24	140467.50	2.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.39	0.25	0.34	0.33	21.94	ppb
Cobalt	59-2	0.23	0.25	0.27	0.25	7.06	ppb
Copper	63-2	2.41	2.39	2.51	2.44	2.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	54-2	278.42	253.29	260.76	264.16	4.89	ppb
Iron	56-2	271.57	265.76	268.05	268.46	1.09	ppb
Iron	57-2	374.55	378.30	366.86	373.24	1.56	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-18	Instrumnet Name :	P8
Client Sample ID :	MH1F48	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:03:47	DataFile Name :	124AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	20.53	20.36	20.14	20.34	0.94	ppb
Lead	207-1	19.67	20.55	20.38	20.20	2.30	ppb
Lead	208-1	19.86	20.42	20.34	20.21	1.50	ppb
Lithium	6-1				116		%
Magnesium	24-2	34097.20	34643.94	34082.84	34274.66	0.93	ppb
Manganese	55-2	211.55	214.17	210.26	211.99	0.94	ppb
Molybdenum	94-1	1.43	1.12	1.13	1.22	14.52	ppb
Molybdenum	95-1	1.27	1.29	1.30	1.29	1.14	ppb
Molybdenum	96-1	1.13	1.21	1.04	1.13	7.66	ppb
Molybdenum	97-1	1.47	1.28	1.34	1.36	7.15	ppb
Molybdenum	98-1	1.28	1.18	1.30	1.25	5.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.22	0.98	1.15	1.12	11.20	ppb
Phosphorus	31-2	-40.46	-19.00	-44.41	-34.62		ppb
Potassium	39-2	2428.24	2407.00	2374.00	2403.08	1.14	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				106		%
Scandium	45-2				105		%
Selenium	82-1	3.27	1.37	1.20	1.95	59.04	ppb
Selenium	77-2	2.78	2.77	2.81	2.79	0.79	ppb
Selenium	78-2	3.46	1.84	1.57	2.29	44.63	ppb
Silicon	28-1	5808.17	5667.39	5627.07	5700.88	1.67	ppb
Silver	107-1	0.10	0.07	0.07	0.08	20.90	ppb
Silver	109-1	0.07	0.07	0.08	0.07	5.23	ppb
Sodium	23-2	122256.11	119776.38	118479.02	120170.50	1.60	ppb
Strontium	86-1	635.41	653.75	659.46	649.54	1.94	ppb
Strontium	88-1	632.80	650.35	662.13	648.43	2.28	ppb
Sulfur	34-1	55956.85	54509.10	53495.78	54653.91	2.26	ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	-0.10	-0.09	-0.10	-0.10		ppb
Thallium	205-1	-0.12	-0.10	-0.10	-0.11		ppb
Tin	118-1	-2.46	-2.68	-2.51	-2.55		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-18	Instrumnet Name :	P8
Client Sample ID :	MH1F48	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:03:47	DataFile Name :	124AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.79	1.88	1.82	1.83	2.45	ppb
Uranium	238-1	1.80	1.81	1.80	1.80	0.26	ppb
Vanadium	51-2	0.40	0.34	0.40	0.38	9.46	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	438.02	436.88	432.24	435.71	0.70	ppb
Zirconium	90-1	0.06	0.10	0.08	0.08	25.58	ppb
Zirconium	91-1	0.04	0.04	0.09	0.06	52.18	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-19	Instrumnet Name :	P8
Client Sample ID :	MH1F50	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:06:45	DataFile Name :	125AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	95.21	100.43	97.99	97.88	2.67	ppb
Antimony	121-1	7.12	7.41	7.51	7.35	2.79	ppb
Arsenic	75-2	4.74	4.51	4.49	4.58	3.10	ppb
Barium	135-1	64.92	66.79	66.92	66.21	1.69	ppb
Barium	137-1	64.38	65.72	67.14	65.74	2.10	ppb
Beryllium	9-1	-0.04	-0.06	-0.05	-0.05		ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Boron	10-1	42.78	44.86	46.25	44.63	3.92	ppb
Boron	11-1	40.05	43.81	47.60	43.82	8.61	ppb
Bromine	81-1						cps
Cadmium	111-1	0.60	0.86	0.63	0.70	20.65	ppb
Cadmium	106-1	-0.28	0.60	0.90	0.40	152.24	ppb
Cadmium	108-1	0.37	0.56	0.88	0.61	42.88	ppb
Calcium	43-1	148003.72	142276.18	142116.14	144132.01	2.33	ppb
Calcium	44-1	144593.85	138821.83	136292.47	139902.72	3.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.28	0.22	0.24	0.24	12.54	ppb
Cobalt	59-2	0.27	0.26	0.32	0.29	10.10	ppb
Copper	63-2	2.24	2.27	2.14	2.22	2.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	54-2	259.48	253.29	254.16	255.65	1.31	ppb
Iron	56-2	264.39	259.76	258.60	260.92	1.17	ppb
Iron	57-2	387.26	372.22	386.38	381.95	2.21	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-19	Instrumnet Name :	P8
Client Sample ID :	MH1F50	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:06:45	DataFile Name :	125AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	26.40	25.93	26.79	26.37	1.63	ppb
Lead	207-1	26.95	26.36	26.26	26.53	1.41	ppb
Lead	208-1	26.54	26.00	26.18	26.24	1.06	ppb
Lithium	6-1				117		%
Magnesium	24-2	33319.17	32273.16	33905.07	33165.80	2.49	ppb
Manganese	55-2	189.81	189.24	193.77	190.94	1.29	ppb
Molybdenum	94-1	1.15	1.43	1.25	1.28	11.08	ppb
Molybdenum	95-1	1.14	1.24	1.10	1.16	6.16	ppb
Molybdenum	96-1	1.05	0.98	1.10	1.04	5.50	ppb
Molybdenum	97-1	1.17	1.14	1.05	1.12	5.41	ppb
Molybdenum	98-1	1.21	1.05	1.18	1.15	7.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.06	1.20	1.19	1.15	6.88	ppb
Phosphorus	31-2	-58.39	-45.56	-31.76	-45.24		ppb
Potassium	39-2	2490.68	2574.08	2578.60	2547.79	1.94	ppb
Rhodium	103-1				99		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				107		%
Selenium	82-1	1.68	1.35	1.55	1.53	10.71	ppb
Selenium	77-2	1.41	0.00	0.00	0.47	173.21	ppb
Selenium	78-2	2.35	2.56	1.24	2.05	34.70	ppb
Silicon	28-1	6820.95	6341.29	6824.91	6662.38	4.17	ppb
Silver	107-1	0.09	0.08	0.08	0.08	9.41	ppb
Silver	109-1	0.08	0.09	0.10	0.09	11.53	ppb
Sodium	23-2	112062.53	112836.12	116039.60	113646.08	1.86	ppb
Strontium	86-1	639.40	617.67	634.94	630.67	1.82	ppb
Strontium	88-1	643.05	626.78	629.98	633.27	1.36	ppb
Sulfur	34-1	54940.58	51767.46	55598.45	54102.16	3.79	ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	-0.07	-0.05	-0.07	-0.06		ppb
Thallium	205-1	-0.11	-0.06	-0.08	-0.08		ppb
Tin	118-1	-3.62	-3.70	-3.60	-3.64		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-19	Instrumnet Name :	P8
Client Sample ID :	MH1F50	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:06:45	DataFile Name :	125AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.03	3.85	4.22	4.03	4.51	ppb
Uranium	238-1	1.77	1.68	1.82	1.76	4.23	ppb
Vanadium	51-2	0.51	0.56	0.61	0.56	8.46	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	420.85	422.01	420.59	421.15	0.18	ppb
Zirconium	90-1	0.20	0.15	0.17	0.17	14.82	ppb
Zirconium	91-1	0.12	0.12	0.24	0.16	44.12	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-20	Instrumnet Name :	P8
Client Sample ID :	MH1F52	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:09:41	DataFile Name :	126AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.61	18.89	19.03	18.85	1.13	ppb
Antimony	121-1	6.14	6.12	6.08	6.11	0.52	ppb
Arsenic	75-2	4.30	4.31	3.77	4.13	7.49	ppb
Barium	135-1	59.35	58.12	56.79	58.09	2.20	ppb
Barium	137-1	59.24	57.51	58.29	58.35	1.49	ppb
Beryllium	9-1	-0.07	-0.04	-0.04	-0.05		ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Boron	10-1	40.29	41.80	45.34	42.48	6.09	ppb
Boron	11-1	40.78	42.97	44.45	42.74	4.32	ppb
Bromine	81-1						cps
Cadmium	111-1	1.08	1.26	1.26	1.20	8.61	ppb
Cadmium	106-1	5.23	2.18	0.74	2.72	84.39	ppb
Cadmium	108-1	0.56	1.02	0.95	0.84	29.24	ppb
Calcium	43-1	143668.80	135889.25	136406.46	138654.84	3.14	ppb
Calcium	44-1	141095.75	135085.33	137118.66	137766.58	2.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.27	0.33	0.30	0.30	9.62	ppb
Cobalt	59-2	0.29	0.23	0.24	0.25	11.58	ppb
Copper	63-2	1.49	1.53	1.50	1.51	1.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	54-2	189.10	189.27	182.68	187.02	2.01	ppb
Iron	56-2	188.83	188.52	191.63	189.66	0.90	ppb
Iron	57-2	294.23	309.25	320.67	308.05	4.31	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-20	Instrumnet Name :	P8
Client Sample ID :	MH1F52	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:09:41	DataFile Name :	126AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	12.64	12.64	12.43	12.57	0.98	ppb
Lead	207-1	12.59	12.28	12.39	12.42	1.26	ppb
Lead	208-1	12.55	12.39	12.38	12.44	0.76	ppb
Lithium	6-1				119		%
Magnesium	24-2	33673.79	32622.17	32938.60	33078.18	1.63	ppb
Manganese	55-2	182.61	179.53	185.77	182.64	1.71	ppb
Molybdenum	94-1	0.91	1.05	1.16	1.04	11.82	ppb
Molybdenum	95-1	1.25	1.21	1.23	1.23	1.89	ppb
Molybdenum	96-1	1.17	1.20	1.13	1.17	3.37	ppb
Molybdenum	97-1	1.28	1.11	1.35	1.24	9.81	ppb
Molybdenum	98-1	1.41	1.25	1.20	1.28	8.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.02	1.09	0.96	1.02	6.34	ppb
Phosphorus	31-2	-57.54	-42.27	-53.18	-51.00		ppb
Potassium	39-2	2454.72	2400.08	2432.40	2429.07	1.13	ppb
Rhodium	103-1				98		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				106		%
Selenium	82-1	1.24	0.91	1.62	1.26	28.31	ppb
Selenium	77-2	0.00	0.00	4.21	1.40	173.21	ppb
Selenium	78-2	0.64	0.45	0.59	0.56	17.60	ppb
Silicon	28-1	5889.26	5791.85	6097.97	5926.36	2.64	ppb
Silver	107-1	0.04	0.05	0.03	0.04	16.76	ppb
Silver	109-1	0.05	0.04	0.03	0.04	21.14	ppb
Sodium	23-2	114221.92	111650.05	113844.53	113238.83	1.23	ppb
Strontium	86-1	671.19	647.60	648.57	655.79	2.04	ppb
Strontium	88-1	652.66	641.68	644.59	646.31	0.88	ppb
Sulfur	34-1	52774.72	51006.32	53348.18	52376.40	2.33	ppb
Terbium	159-1				101		%
Terbium	159-2				104		%
Thallium	203-1	-0.12	-0.09	-0.07	-0.09		ppb
Thallium	205-1	-0.08	-0.10	-0.10	-0.09		ppb
Tin	118-1	-2.64	-2.58	-2.71	-2.64		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-20	Instrumnet Name :	P8
Client Sample ID :	MH1F52	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:09:41	DataFile Name :	126AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.97	0.73	0.73	0.81	16.96	ppb
Uranium	238-1	1.68	1.78	1.74	1.73	2.98	ppb
Vanadium	51-2	0.35	0.33	0.35	0.34	3.30	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				102		%
Zinc	66-2	373.86	368.69	380.25	374.27	1.55	ppb
Zirconium	90-1	0.03	0.05	0.03	0.04	34.62	ppb
Zirconium	91-1	0.03	0.07	0.05	0.05	40.82	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-21	Instrumnet Name :	P8
Client Sample ID :	MH1F52D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:12:40	DataFile Name :	127AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.80	17.93	16.87	17.53	3.29	ppb
Antimony	121-1	5.88	6.04	6.19	6.04	2.60	ppb
Arsenic	75-2	3.84	3.95	3.71	3.83	3.18	ppb
Barium	135-1	57.86	56.25	56.87	57.00	1.42	ppb
Barium	137-1	58.20	58.04	57.31	57.85	0.82	ppb
Beryllium	9-1	-0.04	-0.05	-0.05	-0.05		ppb
Bismuth	209-1				95		%
Bismuth	209-2				97		%
Boron	10-1	45.95	42.97	44.77	44.57	3.37	ppb
Boron	11-1	43.72	42.55	43.65	43.31	1.51	ppb
Bromine	81-1						cps
Cadmium	111-1	1.16	1.00	1.22	1.13	9.82	ppb
Cadmium	106-1	1.76	1.07	-1.18	0.55	278.14	ppb
Cadmium	108-1	0.79	0.42	1.17	0.79	47.18	ppb
Calcium	43-1	137783.45	137253.31	137935.84	137657.53	0.26	ppb
Calcium	44-1	133660.23	135500.22	136613.92	135258.12	1.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.37	0.36	0.32	0.35	6.65	ppb
Cobalt	59-2	0.26	0.27	0.23	0.26	9.65	ppb
Copper	63-2	1.49	1.56	1.57	1.54	2.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				100		%
Indium	115-1				97		%
Indium	115-2				97		%
Iron	54-2	191.31	192.24	194.18	192.58	0.76	ppb
Iron	56-2	185.02	193.79	189.88	189.56	2.32	ppb
Iron	57-2	302.60	310.11	312.05	308.26	1.62	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-21	Instrumnet Name :	P8
Client Sample ID :	MH1F52D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:12:40	DataFile Name :	127AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	12.11	12.07	12.62	12.27	2.50	ppb
Lead	207-1	11.70	12.57	12.39	12.22	3.74	ppb
Lead	208-1	12.03	12.17	12.35	12.18	1.31	ppb
Lithium	6-1				110		%
Magnesium	24-2	33130.17	33756.75	34360.63	33749.18	1.82	ppb
Manganese	55-2	181.04	184.70	182.64	182.79	1.00	ppb
Molybdenum	94-1	1.08	1.07	1.10	1.08	1.06	ppb
Molybdenum	95-1	1.10	1.25	1.16	1.17	6.32	ppb
Molybdenum	96-1	1.04	1.21	1.10	1.12	7.81	ppb
Molybdenum	97-1	1.10	1.12	1.25	1.16	7.09	ppb
Molybdenum	98-1	1.21	1.15	1.23	1.20	3.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.88	0.93	0.95	0.92	3.85	ppb
Phosphorus	31-2	-43.68	-42.74	-37.65	-41.36		ppb
Potassium	39-2	2464.41	2510.69	2439.10	2471.40	1.47	ppb
Rhodium	103-1				96		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	82-1	2.37	1.70	1.97	2.01	16.70	ppb
Selenium	77-2	1.43	1.48	2.91	1.94	43.30	ppb
Selenium	78-2	1.19	2.02	1.27	1.49	30.94	ppb
Silicon	28-1	5896.46	5917.95	5825.31	5879.91	0.82	ppb
Silver	107-1	0.03	0.06	0.05	0.04	34.70	ppb
Silver	109-1	0.04	0.02	0.04	0.03	27.20	ppb
Sodium	23-2	115650.40	115224.66	116344.34	115739.80	0.49	ppb
Strontium	86-1	621.18	625.62	643.35	630.05	1.86	ppb
Strontium	88-1	614.31	610.66	637.75	620.90	2.37	ppb
Sulfur	34-1	51413.15	52200.93	51574.29	51729.46	0.80	ppb
Terbium	159-1				98		%
Terbium	159-2				101		%
Thallium	203-1	-0.11	-0.09	-0.08	-0.09		ppb
Thallium	205-1	-0.10	-0.11	-0.11	-0.11		ppb
Tin	118-1	-1.94	-2.05	-2.12	-2.04		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-21	Instrumnet Name :	P8
Client Sample ID :	MH1F52D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:12:40	DataFile Name :	127AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.18	0.72	2.00	1.63	48.77	ppb
Uranium	238-1	1.69	1.74	1.73	1.72	1.52	ppb
Vanadium	51-2	0.47	0.38	0.37	0.41	13.80	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				100		%
Zinc	66-2	361.55	370.16	373.39	368.37	1.66	ppb
Zirconium	90-1	0.03	0.05	0.06	0.05	39.75	ppb
Zirconium	91-1	0.01	0.07	0.04	0.04	68.05	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-20LX5	Instrumnet Name :	P8
Client Sample ID :	MH1F52L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 19:15:37	DataFile Name :	128AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.62	3.15	3.42	3.39	6.98	ppb
Antimony	121-1	1.13	1.19	1.28	1.20	6.25	ppb
Arsenic	75-2	0.62	0.70	0.74	0.69	9.07	ppb
Barium	135-1	11.08	11.01	11.30	11.13	1.36	ppb
Barium	137-1	11.07	11.04	11.52	11.21	2.40	ppb
Beryllium	9-1	-0.05	-0.04	-0.04	-0.04		ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Boron	10-1	14.88	14.91	15.43	15.07	2.05	ppb
Boron	11-1	14.88	15.27	14.63	14.93	2.15	ppb
Bromine	81-1						cps
Cadmium	111-1	0.24	0.25	0.19	0.22	13.53	ppb
Cadmium	106-1	1.56	2.96	-1.11	1.14	181.84	ppb
Cadmium	108-1	-0.06	-0.32	0.00	-0.13		ppb
Calcium	43-1	26117.03	27497.42	26146.35	26586.93	2.97	ppb
Calcium	44-1	26041.42	26662.10	26626.26	26443.26	1.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.06	0.01	0.03	86.00	ppb
Cobalt	59-2	0.05	0.05	0.05	0.05	4.96	ppb
Copper	63-2	0.34	0.30	0.33	0.32	6.44	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				107		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				104		%
Iron	54-2	36.11	36.12	38.49	36.91	3.72	ppb
Iron	56-2	37.30	35.48	36.25	36.35	2.52	ppb
Iron	57-2	56.60	62.61	60.88	60.03	5.15	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-20LX5	Instrumnet Name :	P8
Client Sample ID :	MH1F52L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 19:15:37	DataFile Name :	128AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2.39	2.27	2.59	2.42	6.61	ppb
Lead	207-1	2.29	2.29	2.46	2.35	4.11	ppb
Lead	208-1	2.30	2.33	2.42	2.35	2.80	ppb
Lithium	6-1				120		%
Magnesium	24-2	6518.33	6409.23	6227.13	6384.90	2.30	ppb
Manganese	55-2	36.13	34.25	34.91	35.10	2.72	ppb
Molybdenum	94-1	0.03	0.19	0.16	0.13	70.29	ppb
Molybdenum	95-1	0.20	0.22	0.23	0.22	6.85	ppb
Molybdenum	96-1	0.13	0.16	0.15	0.15	10.12	ppb
Molybdenum	97-1	0.22	0.20	0.21	0.21	4.72	ppb
Molybdenum	98-1	0.18	0.24	0.18	0.20	18.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.18	0.17	0.23	0.19	18.07	ppb
Phosphorus	31-2	-96.90	-80.70	-93.22	-90.27		ppb
Potassium	39-2	473.56	460.13	464.58	466.09	1.47	ppb
Rhodium	103-1				104		%
Rhodium	103-2				110		%
Scandium	45-1				108		%
Scandium	45-2				111		%
Selenium	82-1	-0.29	0.28	1.30	0.43	188.60	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	2.37	-0.14	0.71	0.98	129.90	ppb
Silicon	28-1	1132.21	1137.73	1127.63	1132.52	0.45	ppb
Silver	107-1	0.01	0.02	0.02	0.02	57.09	ppb
Silver	109-1	0.01	0.01	0.00	0.00	86.93	ppb
Sodium	23-2	21718.91	21388.69	21499.97	21535.85	0.78	ppb
Strontium	86-1	119.56	119.08	121.85	120.16	1.23	ppb
Strontium	88-1	121.25	120.08	124.29	121.87	1.78	ppb
Sulfur	34-1	14508.26	15204.77	14926.13	14879.72	2.36	ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	-0.15	-0.18	-0.19	-0.17		ppb
Thallium	205-1	-0.18	-0.18	-0.18	-0.18		ppb
Tin	118-1	-3.59	-3.43	-3.49	-3.50		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-20LX5	Instrumnet Name :	P8
Client Sample ID :	MH1F52L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 19:15:37	DataFile Name :	128AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.25	0.06	0.21	0.17	57.71	ppb
Uranium	238-1	0.31	0.32	0.34	0.32	4.25	ppb
Vanadium	51-2	0.07	0.11	0.08	0.09	22.49	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	78.14	76.82	75.76	76.91	1.55	ppb
Zirconium	90-1	-0.01	-0.01	0.01	0.00		ppb
Zirconium	91-1	0.02	-0.01	0.00	0.00	613.31	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-22	Instrumnet Name :	P8
Client Sample ID :	MH1F52S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:18:38	DataFile Name :	129AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2166.01	2151.33	2132.25	2149.86	0.79	ppb
Antimony	121-1	121.75	115.94	116.44	118.04	2.73	ppb
Arsenic	75-2	47.60	46.20	48.12	47.31	2.11	ppb
Barium	135-1	2326.97	2313.22	2293.74	2311.31	0.72	ppb
Barium	137-1	2338.05	2239.29	2309.49	2295.61	2.21	ppb
Beryllium	9-1	52.71	50.37	51.39	51.49	2.28	ppb
Bismuth	209-1				88		%
Bismuth	209-2				92		%
Boron	10-1	41.83	42.12	40.51	41.49	2.07	ppb
Boron	11-1	42.75	43.14	43.13	43.01	0.51	ppb
Bromine	81-1						cps
Cadmium	111-1	58.10	55.76	57.08	56.98	2.06	ppb
Cadmium	106-1	48.94	44.88	46.67	46.83	4.34	ppb
Cadmium	108-1	48.63	49.46	47.87	48.65	1.64	ppb
Calcium	43-1	153270.44	144636.39	142843.46	146916.76	3.79	ppb
Calcium	44-1	147046.34	137897.36	140881.50	141941.73	3.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	205.97	208.80	210.42	208.40	1.08	ppb
Cobalt	59-2	528.30	522.41	520.79	523.83	0.75	ppb
Copper	63-2	254.73	256.56	255.56	255.61	0.36	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				91		%
Holmium	165-2				96		%
Indium	115-1				89		%
Indium	115-2				93		%
Iron	54-2	1450.47	1439.26	1446.68	1445.47	0.39	ppb
Iron	56-2	1366.06	1308.54	1337.00	1337.20	2.15	ppb
Iron	57-2	1381.84	1390.03	1359.44	1377.10	1.15	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-22	Instrumnet Name :	P8
Client Sample ID :	MH1F52S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:18:38	DataFile Name :	129AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	33.72	34.52	32.74	33.66	2.65	ppb
Lead	207-1	34.89	34.92	34.05	34.62	1.43	ppb
Lead	208-1	34.18	34.49	33.36	34.01	1.72	ppb
Lithium	6-1				104		%
Magnesium	24-2	33144.03	34261.74	32856.68	33420.82	2.22	ppb
Manganese	55-2	701.67	693.55	701.08	698.77	0.65	ppb
Molybdenum	94-1	1.14	1.11	1.17	1.14	2.67	ppb
Molybdenum	95-1	1.32	1.20	1.27	1.26	4.71	ppb
Molybdenum	96-1	1.25	1.25	1.29	1.26	1.59	ppb
Molybdenum	97-1	1.38	1.20	1.20	1.26	8.00	ppb
Molybdenum	98-1	1.46	1.33	1.21	1.33	9.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	519.30	532.59	531.78	527.89	1.41	ppb
Phosphorus	31-2	-59.05	-44.85	-41.35	-48.42		ppb
Potassium	39-2	2473.46	2519.48	2516.62	2503.19	1.03	ppb
Rhodium	103-1				87		%
Rhodium	103-2				94		%
Scandium	45-1				93		%
Scandium	45-2				100		%
Selenium	82-1	105.17	98.46	96.08	99.90	4.71	ppb
Selenium	77-2	100.57	111.99	105.21	105.92	5.43	ppb
Selenium	78-2	105.83	106.79	97.71	103.45	4.82	ppb
Silicon	28-1	6337.38	6025.21	6119.06	6160.55	2.60	ppb
Silver	107-1	65.03	61.64	65.59	64.08	3.33	ppb
Silver	109-1	65.92	61.89	64.15	63.99	3.16	ppb
Sodium	23-2	117011.86	116465.41	116933.35	116803.54	0.25	ppb
Strontium	86-1	684.50	623.43	663.63	657.18	4.72	ppb
Strontium	88-1	692.71	650.85	652.49	665.35	3.56	ppb
Sulfur	34-1	58420.81	54526.71	52948.37	55298.63	5.09	ppb
Terbium	159-1				90		%
Terbium	159-2				96		%
Thallium	203-1	51.64	54.62	52.60	52.95	2.88	ppb
Thallium	205-1	52.98	54.85	53.49	53.77	1.79	ppb
Tin	118-1	0.26	-0.06	-0.03	0.06	313.36	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-22	Instrumnet Name :	P8
Client Sample ID :	MH1F52S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:18:38	DataFile Name :	129AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.98	0.81	0.85	0.88	10.08	ppb
Uranium	238-1	1.85	1.82	1.69	1.79	4.73	ppb
Vanadium	51-2	529.81	527.15	524.93	527.30	0.46	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				93		%
Yttrium	89-2				96		%
Zinc	66-2	842.95	835.37	858.63	845.65	1.40	ppb
Zirconium	90-1	0.07	0.04	0.08	0.06	36.13	ppb
Zirconium	91-1	0.11	0.08	0.09	0.09	17.95	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-20A	Instrumnet Name :	P8
Client Sample ID :	MH1E30A	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:21:33	DataFile Name :	130AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89.72	105.68	94.47	96.62	8.48	ppb
Antimony	121-1	6.10	6.17	6.37	6.21	2.24	ppb
Arsenic	75-2	5.71	6.02	5.47	5.73	4.79	ppb
Barium	135-1	55.26	55.18	56.93	55.79	1.77	ppb
Barium	137-1	55.89	56.95	56.85	56.56	1.04	ppb
Beryllium	9-1	-0.02	-0.01	-0.03	-0.02		ppb
Bismuth	209-1				105		%
Bismuth	209-2				99		%
Boron	10-1	38.65	43.29	39.55	40.50	6.07	ppb
Boron	11-1	38.51	42.92	40.15	40.52	5.50	ppb
Bromine	81-1						cps
Cadmium	111-1	1.07	1.11	1.04	1.07	3.18	ppb
Cadmium	106-1	2.87	-1.99	0.29	0.39	622.72	ppb
Cadmium	108-1	0.90	0.34	0.81	0.68	43.63	ppb
Calcium	43-1	122613.65	118342.06	122111.11	121022.27	1.93	ppb
Calcium	44-1	123692.12	119208.71	122839.29	121913.37	1.95	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.19	0.32	0.17	0.23	35.86	ppb
Cobalt	59-2	0.33	0.40	0.39	0.38	10.73	ppb
Copper	63-2	3.00	3.29	2.91	3.07	6.45	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				110		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	54-2	383.71	415.32	398.23	399.09	3.96	ppb
Iron	56-2	380.00	428.12	402.31	403.48	5.97	ppb
Iron	57-2	468.05	559.95	521.29	516.43	8.93	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-20A	Instrumnet Name :	P8
Client Sample ID :	MH1E30A	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:21:33	DataFile Name :	130AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	33.99	35.79	35.34	35.04	2.67	ppb
Lead	207-1	33.90	35.39	35.60	34.97	2.65	ppb
Lead	208-1	34.52	35.91	35.25	35.23	1.97	ppb
Lithium	6-1				121		%
Magnesium	24-2	27763.38	32091.81	29069.47	29641.55	7.49	ppb
Manganese	55-2	267.72	296.24	281.19	281.71	5.07	ppb
Molybdenum	94-1	1.16	1.23	1.17	1.19	3.57	ppb
Molybdenum	95-1	1.17	1.31	1.12	1.20	8.16	ppb
Molybdenum	96-1	1.11	1.18	1.00	1.10	8.23	ppb
Molybdenum	97-1	1.15	1.40	1.25	1.27	9.86	ppb
Molybdenum	98-1	1.18	1.27	1.20	1.21	4.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.96	1.31	1.29	1.18	16.80	ppb
Phosphorus	31-2	-85.05	-27.97	-10.79	-41.27		ppb
Potassium	39-2	2283.41	2526.23	2301.90	2370.52	5.70	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				113		%
Scandium	45-2				106		%
Selenium	82-1	1.88	1.15	1.65	1.56	23.96	ppb
Selenium	77-2	1.34	1.49	1.39	1.41	5.53	ppb
Selenium	78-2	2.46	1.55	0.06	1.36	89.41	ppb
Silicon	28-1	5334.92	5389.44	5556.75	5427.04	2.13	ppb
Silver	107-1	2.48	2.56	2.53	2.52	1.57	ppb
Silver	109-1	2.46	2.47	2.56	2.50	2.09	ppb
Sodium	23-2	102727.78	118167.57	108636.98	109844.11	7.09	ppb
Strontium	86-1	551.62	546.24	560.18	552.68	1.27	ppb
Strontium	88-1	548.83	551.89	559.48	553.40	0.99	ppb
Sulfur	34-1	43293.30	43124.12	45033.87	43817.10	2.41	ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	-0.11	-0.08	-0.09	-0.10		ppb
Thallium	205-1	-0.12	-0.11	-0.08	-0.10		ppb
Tin	118-1	-2.39	-2.53	-2.45	-2.46		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-20A	Instrumnet Name :	P8
Client Sample ID :	MH1E30A	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:21:33	DataFile Name :	130AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.49	2.33	2.37	2.40	3.37	ppb
Uranium	238-1	1.46	1.56	1.49	1.50	3.37	ppb
Vanadium	51-2	0.59	0.57	0.66	0.61	7.70	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				103		%
Zinc	66-2	334.42	387.45	363.61	361.83	7.34	ppb
Zirconium	90-1	0.08	0.07	0.05	0.07	26.16	ppb
Zirconium	91-1	0.06	0.07	0.08	0.07	16.75	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-20A	Instrumnet Name :	P8
Client Sample ID :	MH1F52A	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:24:31	DataFile Name :	131AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.70	15.15	22.25	18.70	18.98	ppb
Antimony	121-1	5.97	6.27	6.28	6.17	2.86	ppb
Arsenic	75-2	4.03	3.81	3.87	3.90	2.88	ppb
Barium	135-1	57.30	59.14	59.36	58.60	1.93	ppb
Barium	137-1	57.26	58.71	58.05	58.01	1.25	ppb
Beryllium	9-1	-0.03	-0.07	-0.05	-0.05		ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	38.69	41.94	42.04	40.89	4.66	ppb
Boron	11-1	39.06	40.01	42.54	40.54	4.44	ppb
Bromine	81-1						cps
Cadmium	111-1	1.17	1.16	1.18	1.17	0.95	ppb
Cadmium	106-1	-1.27	0.32	1.25	0.10	1289.77	ppb
Cadmium	108-1	0.97	0.66	0.94	0.86	19.61	ppb
Calcium	43-1	143072.72	135737.20	138225.75	139011.89	2.68	ppb
Calcium	44-1	139276.91	135279.64	136131.66	136896.07	1.54	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.27	0.29	0.29	0.29	3.91	ppb
Cobalt	59-2	0.30	0.27	0.27	0.28	6.40	ppb
Copper	63-2	1.63	1.61	1.55	1.60	2.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	54-2	209.12	185.51	191.77	195.47	6.26	ppb
Iron	56-2	200.50	193.61	191.63	195.25	2.38	ppb
Iron	57-2	304.66	305.34	312.30	307.43	1.38	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-20A	Instrumnet Name :	P8
Client Sample ID :	MH1F52A	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:24:31	DataFile Name :	131AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	12.49	12.46	12.62	12.52	0.67	ppb
Lead	207-1	12.88	12.61	12.27	12.58	2.45	ppb
Lead	208-1	12.73	12.66	12.52	12.64	0.83	ppb
Lithium	6-1				119		%
Magnesium	24-2	34970.01	32619.53	32629.79	33406.44	4.05	ppb
Manganese	55-2	188.24	184.13	182.38	184.92	1.63	ppb
Molybdenum	94-1	1.02	1.17	1.18	1.13	7.93	ppb
Molybdenum	95-1	1.15	1.20	1.26	1.20	4.67	ppb
Molybdenum	96-1	1.20	1.08	1.14	1.14	5.11	ppb
Molybdenum	97-1	1.24	1.23	1.04	1.17	9.87	ppb
Molybdenum	98-1	1.15	1.21	1.31	1.22	6.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.98	1.02	0.87	0.96	7.82	ppb
Phosphorus	31-2	-28.96	-17.95	-39.28	-28.73		ppb
Potassium	39-2	2611.93	2456.48	2444.84	2504.42	3.73	ppb
Rhodium	103-1				101		%
Rhodium	103-2				103		%
Scandium	45-1				108		%
Scandium	45-2				109		%
Selenium	82-1	2.64	1.33	1.97	1.98	33.14	ppb
Selenium	77-2	2.82	0.00	2.75	1.86	86.63	ppb
Selenium	78-2	1.48	0.83	1.20	1.17	27.89	ppb
Silicon	28-1	5911.69	6035.47	5900.78	5949.31	1.26	ppb
Silver	107-1	2.12	2.33	2.36	2.27	5.70	ppb
Silver	109-1	2.17	2.22	2.19	2.19	1.29	ppb
Sodium	23-2	116975.86	111979.82	111670.27	113541.98	2.62	ppb
Strontium	86-1	605.42	631.89	641.57	626.30	2.99	ppb
Strontium	88-1	608.80	642.41	635.45	628.89	2.82	ppb
Sulfur	34-1	52396.91	51312.75	52033.88	51914.52	1.06	ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	-0.09	-0.07	-0.10	-0.09		ppb
Thallium	205-1	-0.08	-0.10	-0.09	-0.09		ppb
Tin	118-1	-2.74	-2.61	-2.72	-2.69		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-20A	Instrumnet Name :	P8
Client Sample ID :	MH1F52A	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:24:31	DataFile Name :	131AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.95	1.11	0.93	1.00	9.97	ppb
Uranium	238-1	1.75	1.66	1.72	1.71	2.69	ppb
Vanadium	51-2	0.37	0.37	0.39	0.38	2.37	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	388.17	385.15	374.29	382.54	1.91	ppb
Zirconium	90-1	0.02	0.03	0.03	0.03	33.87	ppb
Zirconium	91-1	0.00	0.01	0.05	0.02	115.66	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-01	Instrumnet Name :	P8
Client Sample ID :	MH1G62	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:27:28	DataFile Name :	132AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11987.92	12093.04	11760.58	11947.18	1.42	ppb
Antimony	121-1	24.27	24.99	24.76	24.67	1.48	ppb
Arsenic	75-2	63.01	63.19	62.42	62.87	0.64	ppb
Barium	135-1	216.87	226.58	216.39	219.95	2.62	ppb
Barium	137-1	215.54	223.37	223.71	220.87	2.09	ppb
Beryllium	9-1	1.20	1.21	1.18	1.20	1.68	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Boron	10-1	16.34	20.26	18.80	18.46	10.73	ppb
Boron	11-1	16.46	18.73	18.71	17.96	7.27	ppb
Bromine	81-1						cps
Cadmium	111-1	24.17	25.87	24.84	24.96	3.43	ppb
Cadmium	106-1	26.22	25.17	22.56	24.65	7.65	ppb
Cadmium	108-1	21.36	22.47	23.45	22.43	4.67	ppb
Calcium	43-1	90688.33	95169.23	94314.27	93390.61	2.55	ppb
Calcium	44-1	89947.86	90486.49	90763.96	90399.44	0.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	26.62	27.31	26.33	26.75	1.88	ppb
Cobalt	59-2	24.36	24.01	23.92	24.10	0.96	ppb
Copper	63-2	71.28	72.30	71.15	71.58	0.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				108		%
Indium	115-1				106		%
Indium	115-2				104		%
Iron	54-2	24521.39	24234.86	23720.65	24158.97	1.68	ppb
Iron	56-2	24189.45	24264.35	24063.49	24172.43	0.42	ppb
Iron	57-2	23139.49	24133.38	23552.62	23608.50	2.11	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-01	Instrumnet Name :	P8
Client Sample ID :	MH1G62	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:27:28	DataFile Name :	132AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	719.55	713.74	724.36	719.22	0.74	ppb
Lead	207-1	734.60	715.95	706.37	718.97	2.00	ppb
Lead	208-1	722.24	716.00	715.84	718.03	0.51	ppb
Lithium	6-1				121		%
Magnesium	24-2	26005.32	26799.41	25999.19	26267.98	1.75	ppb
Manganese	55-2	2868.31	2820.57	2812.31	2833.73	1.07	ppb
Molybdenum	94-1	9.08	9.02	9.05	9.05	0.31	ppb
Molybdenum	95-1	1.31	1.35	1.44	1.37	4.89	ppb
Molybdenum	96-1	2.21	2.27	2.25	2.25	1.23	ppb
Molybdenum	97-1	1.35	1.39	1.49	1.41	5.34	ppb
Molybdenum	98-1	1.36	1.44	1.40	1.40	2.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.83	24.71	24.99	24.84	0.57	ppb
Phosphorus	31-2	2791.89	2902.25	2804.98	2833.04	2.13	ppb
Potassium	39-2	1290.66	1286.38	1258.16	1278.40	1.38	ppb
Rhodium	103-1				102		%
Rhodium	103-2				108		%
Scandium	45-1				109		%
Scandium	45-2				111		%
Selenium	82-1	3.15	2.94	1.78	2.62	28.14	ppb
Selenium	77-2	20.80	31.29	21.94	24.68	23.33	ppb
Selenium	78-2	4.54	5.25	4.02	4.60	13.39	ppb
Silicon	28-1	3068.65	3242.40	3102.14	3137.73	2.94	ppb
Silver	107-1	3.37	3.56	3.75	3.56	5.46	ppb
Silver	109-1	3.54	3.65	3.44	3.54	3.00	ppb
Sodium	23-2	545.33	542.86	535.23	541.14	0.97	ppb
Strontium	86-1	124.44	125.95	125.46	125.28	0.61	ppb
Strontium	88-1	123.69	128.39	128.58	126.89	2.19	ppb
Sulfur	34-1	2813.72	3326.84	3303.97	3148.18	9.21	ppb
Terbium	159-1				105		%
Terbium	159-2				107		%
Thallium	203-1	1.38	1.34	1.35	1.36	1.40	ppb
Thallium	205-1	1.38	1.45	1.39	1.41	2.82	ppb
Tin	118-1	-2.44	-2.31	-2.23	-2.33		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-01	Instrumnet Name :	P8
Client Sample ID :	MH1G62	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:27:28	DataFile Name :	132AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	189.01	210.81	192.54	197.45	5.93	ppb
Uranium	238-1	1.65	1.69	1.61	1.65	2.36	ppb
Vanadium	51-2	36.58	36.33	36.18	36.36	0.55	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				112		%
Zinc	66-2	4450.00	4515.49	4413.32	4459.60	1.16	ppb
Zirconium	90-1	4.08	4.02	4.19	4.10	2.05	ppb
Zirconium	91-1	3.87	3.85	3.96	3.89	1.47	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-02	Instrumnet Name :	P8
Client Sample ID :	MH1G63	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:30:24	DataFile Name :	133AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12234.68	12349.14	12475.59	12353.13	0.98	ppb
Antimony	121-1	40.91	40.05	37.06	39.34	5.13	ppb
Arsenic	75-2	74.15	71.93	71.86	72.65	1.79	ppb
Barium	135-1	190.82	189.82	180.06	186.90	3.18	ppb
Barium	137-1	191.06	189.91	180.61	187.19	3.06	ppb
Beryllium	9-1	0.93	0.87	0.92	0.91	3.55	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Boron	10-1	10.14	10.12	9.39	9.88	4.35	ppb
Boron	11-1	9.80	9.33	9.18	9.44	3.43	ppb
Bromine	81-1						cps
Cadmium	111-1	56.38	56.18	52.71	55.09	3.74	ppb
Cadmium	106-1	54.16	45.06	42.80	47.34	12.70	ppb
Cadmium	108-1	51.68	52.56	47.52	50.58	5.32	ppb
Calcium	43-1	9386.66	9260.33	9143.12	9263.37	1.31	ppb
Calcium	44-1	9165.19	9174.09	9149.08	9162.79	0.14	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	28.06	28.05	28.50	28.21	0.91	ppb
Cobalt	59-2	12.22	12.62	12.74	12.52	2.18	ppb
Copper	63-2	130.23	132.82	135.25	132.76	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				109		%
Holmium	165-2				107		%
Indium	115-1				105		%
Indium	115-2				105		%
Iron	54-2	28464.51	27719.21	28048.21	28077.31	1.33	ppb
Iron	56-2	27834.92	27592.24	27887.45	27771.54	0.57	ppb
Iron	57-2	26782.82	27192.60	27404.78	27126.73	1.17	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-02	Instrumnet Name :	P8
Client Sample ID :	MH1G63	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:30:24	DataFile Name :	133AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1385.56	1361.46	1332.49	1359.84	1.95	ppb
Lead	207-1	1398.77	1325.79	1334.92	1353.16	2.94	ppb
Lead	208-1	1380.00	1340.96	1324.70	1348.55	2.11	ppb
Lithium	6-1				121		%
Magnesium	24-2	6843.41	6806.41	6708.26	6786.03	1.03	ppb
Manganese	55-2	267.86	270.07	268.68	268.87	0.42	ppb
Molybdenum	94-1	10.18	10.00	10.18	10.12	1.02	ppb
Molybdenum	95-1	1.63	1.59	1.55	1.59	2.62	ppb
Molybdenum	96-1	2.50	2.63	2.70	2.61	3.82	ppb
Molybdenum	97-1	1.55	1.41	1.37	1.45	6.42	ppb
Molybdenum	98-1	1.50	1.46	1.59	1.52	4.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.08	23.93	23.88	23.96	0.42	ppb
Phosphorus	31-2	1802.90	1950.88	2085.95	1946.58	7.27	ppb
Potassium	39-2	2734.67	2782.47	2801.92	2773.02	1.25	ppb
Rhodium	103-1				106		%
Rhodium	103-2				109		%
Scandium	45-1				109		%
Scandium	45-2				112		%
Selenium	82-1	5.50	4.86	3.78	4.71	18.45	ppb
Selenium	77-2	32.94	28.76	36.00	32.57	11.15	ppb
Selenium	78-2	9.38	7.79	8.15	8.44	9.91	ppb
Silicon	28-1	1159.07	1141.49	1101.25	1133.94	2.61	ppb
Silver	107-1	10.31	10.13	9.72	10.05	3.03	ppb
Silver	109-1	10.73	10.00	9.94	10.23	4.30	ppb
Sodium	23-2	736.66	750.53	755.28	747.49	1.29	ppb
Strontium	86-1	28.44	29.34	28.02	28.60	2.36	ppb
Strontium	88-1	29.29	29.31	28.80	29.14	1.00	ppb
Sulfur	34-1	12183.07	11711.15	11305.70	11733.31	3.74	ppb
Terbium	159-1				106		%
Terbium	159-2				107		%
Thallium	203-1	1.54	1.50	1.57	1.54	2.31	ppb
Thallium	205-1	1.61	1.74	1.57	1.64	5.32	ppb
Tin	118-1	-1.93	-1.97	-2.22	-2.04		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-02	Instrumnet Name :	P8
Client Sample ID :	MH1G63	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:30:24	DataFile Name :	133AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	519.02	525.74	516.69	520.49	0.90	ppb
Uranium	238-1	1.77	1.78	1.76	1.77	0.69	ppb
Vanadium	51-2	33.47	33.75	34.16	33.79	1.02	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				110		%
Zinc	66-2	5706.40	5589.63	5650.83	5648.95	1.03	ppb
Zirconium	90-1	4.91	4.76	4.74	4.80	1.95	ppb
Zirconium	91-1	4.73	4.85	4.82	4.80	1.31	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-03	Instrumnet Name :	P8
Client Sample ID :	MH1G64	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:33:22	DataFile Name :	134AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5201.61	5170.24	5144.94	5172.26	0.55	ppb
Antimony	121-1	50.80	49.80	49.01	49.87	1.81	ppb
Arsenic	75-2	90.21	92.68	90.65	91.18	1.45	ppb
Barium	135-1	87.05	85.70	85.25	86.00	1.09	ppb
Barium	137-1	89.25	87.17	85.98	87.47	1.89	ppb
Beryllium	9-1	0.39	0.39	0.37	0.38	2.10	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Boron	10-1	7.82	9.16	9.24	8.74	9.16	ppb
Boron	11-1	8.31	8.21	8.62	8.38	2.58	ppb
Bromine	81-1						cps
Cadmium	111-1	35.64	35.20	34.67	35.17	1.38	ppb
Cadmium	106-1	33.90	30.06	30.66	31.54	6.55	ppb
Cadmium	108-1	33.77	29.69	28.72	30.73	8.72	ppb
Calcium	43-1	46095.70	45302.95	45132.41	45510.35	1.13	ppb
Calcium	44-1	45892.14	44232.74	47052.22	45725.70	3.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	12.74	12.48	12.23	12.48	2.04	ppb
Cobalt	59-2	6.72	6.59	6.43	6.58	2.20	ppb
Copper	63-2	172.20	171.58	168.20	170.66	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				110		%
Holmium	165-2				107		%
Indium	115-1				107		%
Indium	115-2				106		%
Iron	54-2	15912.88	16096.01	16196.51	16068.47	0.89	ppb
Iron	56-2	16803.00	16988.12	16708.96	16833.36	0.84	ppb
Iron	57-2	16425.48	16401.66	16189.34	16338.83	0.80	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-03	Instrumnet Name :	P8
Client Sample ID :	MH1G64	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:33:22	DataFile Name :	134AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2037.25	2033.65	2042.37	2037.76	0.21	ppb
Lead	207-1	2048.47	2005.23	2015.77	2023.16	1.11	ppb
Lead	208-1	2036.48	2023.50	2037.78	2032.59	0.39	ppb
Lithium	6-1				120		%
Magnesium	24-2	4794.56	4963.16	4937.15	4898.29	1.85	ppb
Manganese	55-2	747.56	749.74	721.86	739.72	2.10	ppb
Molybdenum	94-1	3.09	3.01	2.93	3.01	2.67	ppb
Molybdenum	95-1	1.60	1.50	1.56	1.55	3.00	ppb
Molybdenum	96-1	1.72	1.69	1.65	1.69	2.25	ppb
Molybdenum	97-1	1.55	1.50	1.46	1.51	3.00	ppb
Molybdenum	98-1	1.52	1.43	1.49	1.48	3.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	13.92	14.00	13.58	13.83	1.58	ppb
Phosphorus	31-2	767.11	909.78	781.68	819.52	9.58	ppb
Potassium	39-2	869.04	852.06	858.29	859.80	1.00	ppb
Rhodium	103-1				105		%
Rhodium	103-2				111		%
Scandium	45-1				110		%
Scandium	45-2				112		%
Selenium	82-1	6.88	5.73	5.73	6.11	10.85	ppb
Selenium	77-2	9.09	8.03	18.28	11.80	47.77	ppb
Selenium	78-2	6.34	7.26	7.66	7.09	9.53	ppb
Silicon	28-1	829.92	814.11	833.76	825.93	1.26	ppb
Silver	107-1	15.62	15.99	15.29	15.64	2.25	ppb
Silver	109-1	16.21	15.72	14.93	15.62	4.13	ppb
Sodium	23-2	500.15	507.15	518.63	508.64	1.83	ppb
Strontium	86-1	82.06	83.14	82.38	82.53	0.67	ppb
Strontium	88-1	84.45	82.03	86.07	84.18	2.41	ppb
Sulfur	34-1	13991.34	14027.09	14193.29	14070.57	0.77	ppb
Terbium	159-1				107		%
Terbium	159-2				109		%
Thallium	203-1	1.85	1.82	2.01	1.90	5.47	ppb
Thallium	205-1	1.98	1.81	1.95	1.92	4.73	ppb
Tin	118-1	-1.73	-1.70	-1.76	-1.73		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-03	Instrumnet Name :	P8
Client Sample ID :	MH1G64	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:33:22	DataFile Name :	134AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	96.33	96.25	96.29	96.29	0.04	ppb
Uranium	238-1	1.90	1.78	1.85	1.84	3.30	ppb
Vanadium	51-2	16.10	16.05	15.34	15.83	2.68	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				111		%
Zinc	66-2	6059.15	6005.67	5976.48	6013.77	0.70	ppb
Zirconium	90-1	0.92	1.01	0.96	0.96	4.86	ppb
Zirconium	91-1	0.99	1.04	1.02	1.02	2.69	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-04	Instrumnet Name :	P8
Client Sample ID :	MH1G65	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:36:23	DataFile Name :	135AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5904.54	5814.88	5837.39	5852.27	0.80	ppb
Antimony	121-1	248.27	240.95	268.19	252.47	5.59	ppb
Arsenic	75-2	577.40	562.18	577.14	572.24	1.52	ppb
Barium	135-1	100.72	98.98	108.12	102.61	4.73	ppb
Barium	137-1	102.26	100.24	108.94	103.81	4.38	ppb
Beryllium	9-1	0.39	0.37	0.42	0.39	6.71	ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Boron	10-1	6.24	6.02	6.54	6.27	4.14	ppb
Boron	11-1	5.97	6.58	7.01	6.52	8.03	ppb
Bromine	81-1						cps
Cadmium	111-1	310.05	305.79	336.98	317.61	5.32	ppb
Cadmium	106-1	272.34	261.98	281.63	271.98	3.61	ppb
Cadmium	108-1	273.65	276.40	300.87	283.64	5.28	ppb
Calcium	43-1	33929.26	35346.47	36795.30	35357.01	4.05	ppb
Calcium	44-1	33905.24	35632.87	35909.49	35149.20	3.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	16.97	16.40	16.48	16.62	1.86	ppb
Cobalt	59-2	32.20	32.30	31.63	32.04	1.13	ppb
Copper	63-2	433.89	430.55	428.80	431.08	0.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				107		%
Indium	115-1				103		%
Indium	115-2				105		%
Iron	54-2	93911.01	95830.82	92893.22	94211.68	1.58	ppb
Iron	56-2	94082.44	94716.58	91910.16	93569.73	1.57	ppb
Iron	57-2	96792.75	96558.55	95422.89	96258.06	0.76	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-04	Instrumnet Name :	P8
Client Sample ID :	MH1G65	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:36:23	DataFile Name :	135AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	13800.07	13694.74	14526.01	14006.94	3.23	ppb
Lead	207-1	13578.53	13844.41	14385.77	13936.24	2.95	ppb
Lead	208-1	13684.98	13793.25	14438.63	13972.29	2.92	ppb
Lithium	6-1				116		%
Magnesium	24-2	11254.95	11050.48	11327.96	11211.13	1.28	ppb
Manganese	55-2	4722.46	4759.74	4679.82	4720.67	0.85	ppb
Molybdenum	94-1	10.44	10.48	11.87	10.93	7.46	ppb
Molybdenum	95-1	7.98	8.09	8.98	8.35	6.57	ppb
Molybdenum	96-1	8.94	9.23	9.54	9.24	3.29	ppb
Molybdenum	97-1	7.95	8.43	8.61	8.33	4.09	ppb
Molybdenum	98-1	8.19	8.07	8.79	8.35	4.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	19.49	19.18	19.86	19.51	1.75	ppb
Phosphorus	31-2	2945.31	2970.70	2838.24	2918.08	2.41	ppb
Potassium	39-2	685.71	675.10	689.88	683.56	1.11	ppb
Rhodium	103-1				102		%
Rhodium	103-2				108		%
Scandium	45-1				107		%
Scandium	45-2				111		%
Selenium	82-1	17.08	18.27	18.12	17.82	3.61	ppb
Selenium	77-2	29.14	27.15	23.94	26.74	9.82	ppb
Selenium	78-2	21.39	18.62	17.89	19.30	9.59	ppb
Silicon	28-1	1883.96	1902.02	1969.25	1918.41	2.34	ppb
Silver	107-1	44.88	44.47	48.33	45.89	4.62	ppb
Silver	109-1	44.60	42.92	47.85	45.12	5.55	ppb
Sodium	23-2	445.37	456.29	447.75	449.80	1.28	ppb
Strontium	86-1	76.51	76.89	79.76	77.72	2.29	ppb
Strontium	88-1	76.64	77.63	81.36	78.54	3.17	ppb
Sulfur	34-1	53358.16	54960.02	58221.40	55513.20	4.46	ppb
Terbium	159-1				104		%
Terbium	159-2				106		%
Thallium	203-1	1.75	1.85	1.92	1.84	4.65	ppb
Thallium	205-1	1.86	1.93	2.12	1.97	6.93	ppb
Tin	118-1	5.47	4.99	5.96	5.47	8.83	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-04	Instrumnet Name :	P8
Client Sample ID :	MH1G65	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:36:23	DataFile Name :	135AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	108.60	113.83	119.91	114.11	4.96	ppb
Uranium	238-1	2.11	2.06	2.32	2.17	6.22	ppb
Vanadium	51-2	24.26	23.79	23.46	23.84	1.68	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				110		%
Zinc	66-2	51132.79	51828.32	51798.26	51586.46	0.76	ppb
Zirconium	90-1	1.99	2.07	2.21	2.09	5.25	ppb
Zirconium	91-1	2.22	2.29	2.18	2.23	2.65	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-05	Instrumnet Name :	P8
Client Sample ID :	MH1G66	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:39:17	DataFile Name :	136AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5534.63	5480.92	5347.99	5454.51	1.76	ppb
Antimony	121-1	182.11	193.75	201.30	192.39	5.02	ppb
Arsenic	75-2	363.10	347.21	349.46	353.26	2.43	ppb
Barium	135-1	96.98	103.03	106.09	102.03	4.54	ppb
Barium	137-1	97.20	104.04	106.95	102.73	4.87	ppb
Beryllium	9-1	0.32	0.41	0.42	0.38	14.18	ppb
Bismuth	209-1				108		%
Bismuth	209-2				105		%
Boron	10-1	6.77	7.80	7.78	7.45	7.90	ppb
Boron	11-1	6.98	7.61	8.17	7.59	7.87	ppb
Bromine	81-1						cps
Cadmium	111-1	112.29	118.28	123.03	117.87	4.57	ppb
Cadmium	106-1	100.67	101.89	109.41	103.99	4.55	ppb
Cadmium	108-1	96.21	107.73	114.18	106.04	8.59	ppb
Calcium	43-1	32531.20	35513.21	35904.44	34649.62	5.32	ppb
Calcium	44-1	31681.55	35473.73	35753.13	34302.80	6.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	16.33	15.75	15.55	15.88	2.56	ppb
Cobalt	59-2	18.94	18.87	18.06	18.63	2.61	ppb
Copper	63-2	531.37	527.39	517.35	525.37	1.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				107		%
Indium	115-1				109		%
Indium	115-2				105		%
Iron	54-2	60843.86	57659.91	57056.35	58520.04	3.48	ppb
Iron	56-2	59750.46	58855.74	60060.68	59555.63	1.05	ppb
Iron	57-2	58565.28	60425.87	61157.42	60049.52	2.23	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-05	Instrumnet Name :	P8
Client Sample ID :	MH1G66	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:39:17	DataFile Name :	136AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	7805.77	8836.11	8413.29	8351.72	6.20	ppb
Lead	207-1	7626.58	8592.13	8503.46	8240.72	6.48	ppb
Lead	208-1	7780.31	8650.16	8430.05	8286.84	5.46	ppb
Lithium	6-1				119		%
Magnesium	24-2	9195.95	9074.35	8927.98	9066.09	1.48	ppb
Manganese	55-2	2696.41	2630.76	2635.01	2654.06	1.38	ppb
Molybdenum	94-1	3.59	3.82	3.99	3.80	5.32	ppb
Molybdenum	95-1	1.92	2.20	1.99	2.04	7.19	ppb
Molybdenum	96-1	2.47	2.72	2.72	2.64	5.38	ppb
Molybdenum	97-1	2.03	2.11	2.07	2.07	1.89	ppb
Molybdenum	98-1	1.92	2.07	2.02	2.00	3.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	17.44	17.34	16.68	17.16	2.39	ppb
Phosphorus	31-2	2406.63	2546.95	2273.62	2409.07	5.67	ppb
Potassium	39-2	765.22	788.32	738.23	763.92	3.28	ppb
Rhodium	103-1				107		%
Rhodium	103-2				110		%
Scandium	45-1				112		%
Scandium	45-2				112		%
Selenium	82-1	16.20	16.44	16.04	16.23	1.25	ppb
Selenium	77-2	26.28	27.86	33.34	29.16	12.71	ppb
Selenium	78-2	20.26	16.16	17.98	18.13	11.33	ppb
Silicon	28-1	917.39	1005.02	1029.43	983.94	5.99	ppb
Silver	107-1	49.47	52.86	52.02	51.45	3.43	ppb
Silver	109-1	49.51	52.30	54.03	51.94	4.39	ppb
Sodium	23-2	474.48	477.69	456.24	469.47	2.46	ppb
Strontium	86-1	54.17	58.53	56.20	56.30	3.88	ppb
Strontium	88-1	55.66	59.67	59.13	58.15	3.74	ppb
Sulfur	34-1	28761.43	33078.86	32922.79	31587.70	7.75	ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	2.89	3.23	3.13	3.08	5.72	ppb
Thallium	205-1	2.89	3.31	3.16	3.12	6.70	ppb
Tin	118-1	1.08	1.74	1.83	1.55	26.39	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-05	Instrumnet Name :	P8
Client Sample ID :	MH1G66	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:39:17	DataFile Name :	136AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	92.10	100.14	99.63	97.29	4.63	ppb
Uranium	238-1	1.45	1.53	1.50	1.49	2.87	ppb
Vanadium	51-2	22.21	21.96	22.21	22.13	0.64	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				113		%
Zinc	66-2	21648.74	21684.94	21453.32	21595.66	0.58	ppb
Zirconium	90-1	1.04	1.12	1.06	1.07	3.88	ppb
Zirconium	91-1	1.12	1.21	1.17	1.17	3.80	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-06	Instrumnet Name :	P8
Client Sample ID :	MH1G67	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:42:14	DataFile Name :	137AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5597.67	5670.51	5502.87	5590.35	1.50	ppb
Antimony	121-1	369.07	366.12	371.72	368.97	0.76	ppb
Arsenic	75-2	531.19	540.54	536.98	536.24	0.88	ppb
Barium	135-1	68.13	67.80	69.90	68.61	1.65	ppb
Barium	137-1	67.77	69.12	70.50	69.13	1.97	ppb
Beryllium	9-1	0.51	0.60	0.49	0.53	10.50	ppb
Bismuth	209-1				108		%
Bismuth	209-2				104		%
Boron	10-1	8.49	9.81	8.20	8.83	9.75	ppb
Boron	11-1	8.55	9.46	8.82	8.94	5.22	ppb
Bromine	81-1						cps
Cadmium	111-1	208.93	213.24	214.10	212.09	1.31	ppb
Cadmium	106-1	183.35	174.83	189.57	182.58	4.05	ppb
Cadmium	108-1	186.23	190.99	197.44	191.56	2.94	ppb
Calcium	43-1	102688.96	97091.95	95525.10	98435.33	3.83	ppb
Calcium	44-1	97638.36	93580.99	93727.28	94982.21	2.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.32	19.51	19.23	19.35	0.76	ppb
Cobalt	59-2	17.86	18.67	18.21	18.25	2.23	ppb
Copper	63-2	780.01	805.87	763.31	783.06	2.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				107		%
Indium	115-1				109		%
Indium	115-2				106		%
Iron	54-2	57203.75	56616.78	56822.26	56880.93	0.52	ppb
Iron	56-2	57571.76	56974.17	56254.36	56933.43	1.16	ppb
Iron	57-2	58164.07	56891.84	56222.29	57092.73	1.73	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-06	Instrumnet Name :	P8
Client Sample ID :	MH1G67	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:42:14	DataFile Name :	137AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	7213.65	6979.55	7153.64	7115.61	1.71	ppb
Lead	207-1	7213.35	7310.57	7086.45	7203.46	1.56	ppb
Lead	208-1	7256.38	7207.80	7280.28	7248.15	0.51	ppb
Lithium	6-1				120		%
Magnesium	24-2	25720.37	26727.93	26235.89	26228.06	1.92	ppb
Manganese	55-2	3931.11	3892.74	3770.31	3864.72	2.17	ppb
Molybdenum	94-1	13.25	13.07	13.50	13.27	1.62	ppb
Molybdenum	95-1	5.34	5.35	5.52	5.40	1.88	ppb
Molybdenum	96-1	6.39	6.80	6.53	6.57	3.19	ppb
Molybdenum	97-1	5.17	5.44	5.44	5.35	2.91	ppb
Molybdenum	98-1	5.29	5.31	5.18	5.26	1.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	15.66	16.04	15.53	15.74	1.70	ppb
Phosphorus	31-2	3905.81	3973.02	3746.58	3875.14	3.00	ppb
Potassium	39-2	692.84	735.04	718.60	715.49	2.97	ppb
Rhodium	103-1				105		%
Rhodium	103-2				109		%
Scandium	45-1				111		%
Scandium	45-2				113		%
Selenium	82-1	12.47	11.01	12.34	11.94	6.75	ppb
Selenium	77-2	25.36	22.24	35.57	27.72	25.16	ppb
Selenium	78-2	9.19	13.17	13.30	11.89	19.65	ppb
Silicon	28-1	2245.38	2152.65	2177.34	2191.79	2.19	ppb
Silver	107-1	57.84	58.27	60.22	58.78	2.15	ppb
Silver	109-1	57.28	59.20	59.59	58.69	2.10	ppb
Sodium	23-2	424.19	444.98	428.00	432.39	2.56	ppb
Strontium	86-1	84.36	82.55	83.83	83.58	1.11	ppb
Strontium	88-1	83.20	86.25	85.52	84.99	1.88	ppb
Sulfur	34-1	37093.57	35854.20	36372.82	36440.20	1.71	ppb
Terbium	159-1				108		%
Terbium	159-2				108		%
Thallium	203-1	5.73	5.70	5.46	5.63	2.67	ppb
Thallium	205-1	5.77	5.54	5.81	5.71	2.57	ppb
Tin	118-1	-1.89	-1.99	-1.85	-1.91		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-06	Instrumnet Name :	P8
Client Sample ID :	MH1G67	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:42:14	DataFile Name :	137AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	110.97	112.24	107.18	110.13	2.39	ppb
Uranium	238-1	2.46	2.36	2.36	2.39	2.29	ppb
Vanadium	51-2	19.76	19.97	19.12	19.62	2.27	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				112		%
Zinc	66-2	37309.99	37491.20	36091.18	36964.13	2.06	ppb
Zirconium	90-1	4.45	4.70	4.55	4.56	2.82	ppb
Zirconium	91-1	4.31	4.86	4.68	4.62	6.11	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-07	Instrumnet Name :	P8
Client Sample ID :	MH1G68	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:45:08	DataFile Name :	138AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4062.74	4088.12	4206.64	4119.16	1.86	ppb
Antimony	121-1	1119.47	1084.00	1143.67	1115.71	2.69	ppb
Arsenic	75-2	1214.09	1224.14	1228.01	1222.08	0.59	ppb
Barium	135-1	116.61	120.88	121.52	119.67	2.23	ppb
Barium	137-1	119.30	119.70	122.16	120.39	1.29	ppb
Beryllium	9-1	0.36	0.32	0.31	0.33	7.93	ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Boron	10-1	13.77	15.47	15.83	15.02	7.32	ppb
Boron	11-1	13.89	15.72	15.53	15.04	6.69	ppb
Bromine	81-1						cps
Cadmium	111-1	551.74	549.33	563.17	554.75	1.33	ppb
Cadmium	106-1	493.78	482.22	509.06	495.02	2.72	ppb
Cadmium	108-1	500.82	511.29	518.12	510.08	1.71	ppb
Calcium	43-1	29616.22	29635.08	29664.47	29638.59	0.08	ppb
Calcium	44-1	29285.93	29920.63	29493.75	29566.77	1.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	13.93	13.85	13.84	13.87	0.34	ppb
Cobalt	59-2	8.37	8.44	8.50	8.44	0.78	ppb
Copper	63-2	2561.03	2601.69	2583.39	2582.04	0.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				108		%
Indium	115-1				108		%
Indium	115-2				105		%
Iron	54-2	30981.07	31534.02	33092.90	31869.33	3.44	ppb
Iron	56-2	31256.75	31357.28	31890.57	31501.53	1.08	ppb
Iron	57-2	30212.55	31024.51	30762.12	30666.39	1.35	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-07	Instrumnet Name :	P8
Client Sample ID :	MH1G68	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:45:08	DataFile Name :	138AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	32095.43	30395.22	32419.03	31636.56	3.44	ppb
Lead	207-1	32129.81	30746.91	31933.93	31603.55	2.37	ppb
Lead	208-1	32147.84	30810.97	32359.87	31772.89	2.64	ppb
Lithium	6-1				115		%
Magnesium	24-2	9649.03	9666.72	9747.52	9687.76	0.54	ppb
Manganese	55-2	5926.91	5871.95	6000.98	5933.28	1.09	ppb
Molybdenum	94-1	10.73	11.21	11.29	11.08	2.71	ppb
Molybdenum	95-1	7.30	7.39	7.45	7.38	1.02	ppb
Molybdenum	96-1	7.80	7.52	7.71	7.68	1.87	ppb
Molybdenum	97-1	7.40	7.16	7.26	7.28	1.65	ppb
Molybdenum	98-1	7.46	7.04	7.09	7.20	3.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.49	9.64	10.12	9.75	3.40	ppb
Phosphorus	31-2	2133.54	2134.26	2000.12	2089.31	3.70	ppb
Potassium	39-2	394.27	389.91	410.04	398.07	2.66	ppb
Rhodium	103-1				107		%
Rhodium	103-2				110		%
Scandium	45-1				112		%
Scandium	45-2				112		%
Selenium	82-1	12.10	11.38	11.46	11.65	3.38	ppb
Selenium	77-2	25.91	23.65	15.82	21.79	24.29	ppb
Selenium	78-2	11.42	11.29	11.93	11.55	2.92	ppb
Silicon	28-1	2859.51	2911.51	2848.19	2873.07	1.18	ppb
Silver	107-1	125.74	123.99	127.86	125.86	1.54	ppb
Silver	109-1	122.14	123.87	127.76	124.59	2.31	ppb
Sodium	23-2	1370.88	1395.91	1358.27	1375.02	1.39	ppb
Strontium	86-1	55.74	52.61	56.22	54.85	3.57	ppb
Strontium	88-1	55.46	54.48	55.62	55.19	1.12	ppb
Sulfur	34-1	17179.00	17724.03	16931.80	17278.28	2.35	ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	1.15	1.24	1.34	1.25	7.47	ppb
Thallium	205-1	1.22	1.31	1.38	1.30	6.25	ppb
Tin	118-1	1.69	1.59	1.79	1.69	5.88	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-07	Instrumnet Name :	P8
Client Sample ID :	MH1G68	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:45:08	DataFile Name :	138AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	90.15	91.45	91.77	91.12	0.94	ppb
Uranium	238-1	3.30	3.25	3.40	3.32	2.29	ppb
Vanadium	51-2	23.52	23.85	24.18	23.85	1.38	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				111		%
Zinc	66-2	118538.53	113052.43	118266.02	116618.99	2.65	ppb
Zirconium	90-1	2.79	2.59	2.82	2.73	4.47	ppb
Zirconium	91-1	2.83	2.75	2.83	2.80	1.59	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-08	Instrumnet Name :	P8
Client Sample ID :	MH1G69	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:48:04	DataFile Name :	139AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1960.75	2044.54	2056.64	2020.64	2.58	ppb
Antimony	121-1	275.75	301.72	291.32	289.60	4.51	ppb
Arsenic	75-2	662.62	680.24	657.13	666.67	1.81	ppb
Barium	135-1	78.51	86.98	84.30	83.26	5.20	ppb
Barium	137-1	79.46	88.28	86.80	84.85	5.57	ppb
Beryllium	9-1	0.18	0.14	0.18	0.17	12.92	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Boron	10-1	5.84	6.36	6.06	6.09	4.25	ppb
Boron	11-1	5.29	5.65	5.59	5.51	3.54	ppb
Bromine	81-1						cps
Cadmium	111-1	280.69	310.47	303.65	298.27	5.23	ppb
Cadmium	106-1	260.93	274.63	262.15	265.90	2.85	ppb
Cadmium	108-1	256.46	277.72	275.85	270.01	4.36	ppb
Calcium	43-1	54166.38	58645.03	57265.23	56692.22	4.05	ppb
Calcium	44-1	55125.13	58117.52	57357.17	56866.61	2.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	10.79	11.47	11.38	11.21	3.30	ppb
Cobalt	59-2	10.72	11.53	11.40	11.22	3.87	ppb
Copper	63-2	410.20	427.73	426.60	421.51	2.33	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				107		%
Holmium	165-2				108		%
Indium	115-1				109		%
Indium	115-2				105		%
Iron	54-2	36587.36	38592.52	38089.69	37756.52	2.76	ppb
Iron	56-2	36275.96	39056.12	37529.00	37620.36	3.70	ppb
Iron	57-2	35032.35	37176.85	36795.02	36334.74	3.15	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-08	Instrumnet Name :	P8
Client Sample ID :	MH1G69	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:48:04	DataFile Name :	139AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	15994.26	16338.92	15827.47	16053.55	1.62	ppb
Lead	207-1	15942.63	16512.35	16009.27	16154.75	1.93	ppb
Lead	208-1	15827.76	16640.94	16175.81	16214.84	2.52	ppb
Lithium	6-1				116		%
Magnesium	24-2	20494.07	21478.97	21857.23	21276.76	3.31	ppb
Manganese	55-2	5292.55	5533.89	5445.25	5423.90	2.25	ppb
Molybdenum	94-1	4.13	4.28	4.25	4.22	1.88	ppb
Molybdenum	95-1	1.73	1.82	2.03	1.86	8.26	ppb
Molybdenum	96-1	2.15	2.30	2.25	2.23	3.52	ppb
Molybdenum	97-1	1.69	1.67	1.79	1.72	3.85	ppb
Molybdenum	98-1	1.69	1.73	1.87	1.76	5.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.58	9.12	9.09	8.93	3.35	ppb
Phosphorus	31-2	2556.11	2799.44	2855.16	2736.90	5.81	ppb
Potassium	39-2	342.81	381.58	391.83	372.07	6.95	ppb
Rhodium	103-1				105		%
Rhodium	103-2				109		%
Scandium	45-1				114		%
Scandium	45-2				112		%
Selenium	82-1	9.39	8.59	9.47	9.15	5.29	ppb
Selenium	77-2	18.29	22.80	15.48	18.86	19.59	ppb
Selenium	78-2	9.61	9.87	10.56	10.01	4.92	ppb
Silicon	28-1	1900.98	1512.67	1485.25	1632.97	14.24	ppb
Silver	107-1	51.55	56.26	55.19	54.34	4.55	ppb
Silver	109-1	51.87	57.53	54.77	54.72	5.17	ppb
Sodium	23-2	347.66	350.60	358.03	352.10	1.52	ppb
Strontium	86-1	51.54	55.27	55.22	54.01	3.96	ppb
Strontium	88-1	50.40	54.45	53.68	52.84	4.07	ppb
Sulfur	34-1	22282.37	24291.31	23660.20	23411.29	4.39	ppb
Terbium	159-1				106		%
Terbium	159-2				107		%
Thallium	203-1	3.00	3.02	3.03	3.02	0.49	ppb
Thallium	205-1	2.97	3.02	2.86	2.95	2.71	ppb
Tin	118-1	0.25	0.95	0.77	0.66	55.08	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-08	Instrumnet Name :	P8
Client Sample ID :	MH1G69	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:48:04	DataFile Name :	139AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	62.07	65.65	66.06	64.59	3.40	ppb
Uranium	238-1	1.80	1.86	1.90	1.85	2.86	ppb
Vanadium	51-2	10.75	11.23	11.24	11.08	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				111		%
Zinc	66-2	63580.26	65188.58	67127.41	65298.75	2.72	ppb
Zirconium	90-1	1.32	1.50	1.43	1.42	6.54	ppb
Zirconium	91-1	1.41	1.59	1.75	1.58	10.84	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-09	Instrumnet Name :	P8
Client Sample ID :	MH1G70	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:50:58	DataFile Name :	140AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3493.11	3462.74	3545.40	3500.42	1.19	ppb
Antimony	121-1	136.37	133.15	134.29	134.60	1.21	ppb
Arsenic	75-2	241.12	235.48	246.22	240.94	2.23	ppb
Barium	135-1	59.90	57.54	60.29	59.25	2.51	ppb
Barium	137-1	59.81	58.55	58.41	58.92	1.31	ppb
Beryllium	9-1	0.20	0.18	0.15	0.18	14.69	ppb
Bismuth	209-1				107		%
Bismuth	209-2				102		%
Boron	10-1	5.99	6.25	6.42	6.22	3.50	ppb
Boron	11-1	5.48	5.90	6.04	5.81	4.94	ppb
Bromine	81-1						cps
Cadmium	111-1	146.88	143.90	143.34	144.71	1.32	ppb
Cadmium	106-1	131.96	119.17	121.24	124.12	5.53	ppb
Cadmium	108-1	134.24	127.06	128.94	130.08	2.86	ppb
Calcium	43-1	46638.67	46841.11	46458.54	46646.10	0.41	ppb
Calcium	44-1	46135.18	45501.97	47403.44	46346.86	2.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	10.83	10.85	11.65	11.11	4.22	ppb
Cobalt	59-2	14.20	14.02	14.15	14.13	0.66	ppb
Copper	63-2	348.26	350.38	349.06	349.23	0.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				104		%
Indium	115-1				107		%
Indium	115-2				103		%
Iron	54-2	35993.51	37264.39	37409.40	36889.10	2.11	ppb
Iron	56-2	36235.19	37312.21	36953.07	36833.49	1.49	ppb
Iron	57-2	35719.12	35874.81	35779.59	35791.17	0.22	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-09	Instrumnet Name :	P8
Client Sample ID :	MH1G70	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:50:58	DataFile Name :	140AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	5263.61	5264.60	5513.57	5347.26	2.69	ppb
Lead	207-1	5153.29	5209.69	5388.52	5250.50	2.34	ppb
Lead	208-1	5170.34	5253.43	5452.86	5292.21	2.74	ppb
Lithium	6-1				115		%
Magnesium	24-2	10637.19	10444.83	10438.02	10506.68	1.08	ppb
Manganese	55-2	2676.23	2852.85	2798.23	2775.77	3.26	ppb
Molybdenum	94-1	4.91	5.01	5.02	4.98	1.23	ppb
Molybdenum	95-1	4.30	4.18	4.32	4.27	1.78	ppb
Molybdenum	96-1	4.50	4.61	4.75	4.62	2.76	ppb
Molybdenum	97-1	4.60	4.13	4.43	4.39	5.49	ppb
Molybdenum	98-1	4.34	4.02	4.20	4.19	3.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.47	9.21	9.69	9.46	2.51	ppb
Phosphorus	31-2	1891.73	1980.38	1858.99	1910.37	3.29	ppb
Potassium	39-2	531.94	550.87	562.27	548.36	2.79	ppb
Rhodium	103-1				106		%
Rhodium	103-2				109		%
Scandium	45-1				111		%
Scandium	45-2				109		%
Selenium	82-1	9.19	8.77	9.30	9.08	3.09	ppb
Selenium	77-2	14.52	14.32	16.21	15.02	6.91	ppb
Selenium	78-2	8.72	10.92	14.58	11.41	25.95	ppb
Silicon	28-1	569.32	553.11	556.63	559.69	1.52	ppb
Silver	107-1	29.32	29.35	28.89	29.19	0.88	ppb
Silver	109-1	29.70	29.35	29.01	29.36	1.18	ppb
Sodium	23-2	558.00	547.91	538.78	548.23	1.75	ppb
Strontium	86-1	67.33	62.11	65.62	65.02	4.10	ppb
Strontium	88-1	66.96	63.47	66.44	65.62	2.87	ppb
Sulfur	34-1	22728.40	22644.05	22013.07	22461.84	1.74	ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	2.15	2.22	2.28	2.22	3.08	ppb
Thallium	205-1	2.26	2.19	2.37	2.27	3.96	ppb
Tin	118-1	-2.27	-2.25	-2.31	-2.28		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-09	Instrumnet Name :	P8
Client Sample ID :	MH1G70	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:50:58	DataFile Name :	140AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	80.95	85.63	82.34	82.97	2.90	ppb
Uranium	238-1	1.24	1.22	1.27	1.25	2.00	ppb
Vanadium	51-2	10.81	10.39	10.59	10.60	1.98	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				110		%
Zinc	66-2	23714.52	22949.63	23065.73	23243.29	1.77	ppb
Zirconium	90-1	0.78	0.75	0.96	0.83	13.82	ppb
Zirconium	91-1	0.77	0.79	0.79	0.79	1.32	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-10	Instrumnet Name :	P8
Client Sample ID :	MH1G71	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:53:54	DataFile Name :	141AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2769.63	2680.39	2706.59	2718.87	1.69	ppb
Antimony	121-1	291.46	286.97	290.06	289.50	0.79	ppb
Arsenic	75-2	484.61	459.67	475.74	473.34	2.67	ppb
Barium	135-1	52.83	49.74	52.68	51.75	3.36	ppb
Barium	137-1	52.29	51.14	53.20	52.21	1.98	ppb
Beryllium	9-1	0.15	0.18	0.16	0.16	10.49	ppb
Bismuth	209-1				106		%
Bismuth	209-2				107		%
Boron	10-1	23.58	24.53	26.25	24.78	5.46	ppb
Boron	11-1	21.22	24.51	24.76	23.50	8.40	ppb
Bromine	81-1						cps
Cadmium	111-1	188.17	189.72	196.30	191.40	2.25	ppb
Cadmium	106-1	165.94	164.02	174.41	168.12	3.29	ppb
Cadmium	108-1	171.80	167.59	171.86	170.41	1.44	ppb
Calcium	43-1	69233.05	71934.37	70349.36	70505.59	1.93	ppb
Calcium	44-1	69700.24	70755.99	69069.75	69841.99	1.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	14.67	13.67	14.30	14.21	3.55	ppb
Cobalt	59-2	6.35	6.20	6.06	6.20	2.32	ppb
Copper	63-2	472.29	448.00	450.57	456.96	2.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				109		%
Indium	115-1				108		%
Indium	115-2				107		%
Iron	54-2	24330.59	22814.73	22677.52	23274.28	3.94	ppb
Iron	56-2	23893.63	22963.88	23442.52	23433.34	1.98	ppb
Iron	57-2	23026.52	22527.30	22439.54	22664.45	1.40	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-10	Instrumnet Name :	P8
Client Sample ID :	MH1G71	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:53:54	DataFile Name :	141AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	8469.47	8416.23	8784.41	8556.70	2.33	ppb
Lead	207-1	8368.58	8300.27	8835.92	8501.59	3.43	ppb
Lead	208-1	8455.25	8433.36	8706.57	8531.72	1.78	ppb
Lithium	6-1				118		%
Magnesium	24-2	20806.08	19959.12	19874.75	20213.32	2.55	ppb
Manganese	55-2	4067.45	3812.48	3808.98	3896.30	3.80	ppb
Molybdenum	94-1	15.03	15.26	15.82	15.37	2.63	ppb
Molybdenum	95-1	12.47	13.29	13.32	13.03	3.69	ppb
Molybdenum	96-1	13.13	13.50	13.51	13.38	1.65	ppb
Molybdenum	97-1	13.31	12.68	13.16	13.05	2.54	ppb
Molybdenum	98-1	13.12	12.55	13.10	12.92	2.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.43	10.48	10.03	10.31	2.37	ppb
Phosphorus	31-2	3509.60	3207.55	3268.82	3328.66	4.80	ppb
Potassium	39-2	335.58	317.66	338.61	330.61	3.42	ppb
Rhodium	103-1				106		%
Rhodium	103-2				110		%
Scandium	45-1				113		%
Scandium	45-2				114		%
Selenium	82-1	8.30	10.07	9.29	9.22	9.60	ppb
Selenium	77-2	15.70	18.92	18.07	17.56	9.48	ppb
Selenium	78-2	10.09	9.45	7.75	9.10	13.31	ppb
Silicon	28-1	949.04	926.63	1506.45	1127.37	29.14	ppb
Silver	107-1	35.82	34.59	36.78	35.73	3.08	ppb
Silver	109-1	36.06	34.62	35.90	35.53	2.22	ppb
Sodium	23-2	357.53	334.87	345.20	345.87	3.28	ppb
Strontium	86-1	61.56	61.20	63.58	62.11	2.07	ppb
Strontium	88-1	60.78	60.79	61.95	61.18	1.10	ppb
Sulfur	34-1	14023.07	14436.88	14359.36	14273.10	1.54	ppb
Terbium	159-1				105		%
Terbium	159-2				108		%
Thallium	203-1	3.15	3.02	3.39	3.19	5.90	ppb
Thallium	205-1	3.08	3.24	3.39	3.24	4.70	ppb
Tin	118-1	-2.21	-2.36	-2.30	-2.29		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-10	Instrumnet Name :	P8
Client Sample ID :	MH1G71	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:53:54	DataFile Name :	141AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	105.34	106.77	106.70	106.27	0.76	ppb
Uranium	238-1	3.01	2.85	3.10	2.99	4.37	ppb
Vanadium	51-2	10.68	10.65	10.58	10.64	0.48	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				113		%
Zinc	66-2	38010.32	36726.81	36823.67	37186.93	1.92	ppb
Zirconium	90-1	2.33	2.38	2.46	2.39	2.84	ppb
Zirconium	91-1	2.20	2.19	2.44	2.28	6.33	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-11	Instrumnet Name :	P8
Client Sample ID :	MH1G72	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:56:48	DataFile Name :	142AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2630.20	2688.17	2722.48	2680.28	1.74	ppb
Antimony	121-1	628.01	610.33	649.00	629.12	3.08	ppb
Arsenic	75-2	737.68	709.97	707.01	718.22	2.36	ppb
Barium	135-1	56.48	57.75	60.67	58.30	3.69	ppb
Barium	137-1	58.49	57.70	60.21	58.80	2.18	ppb
Beryllium	9-1	0.15	0.16	0.15	0.16	2.61	ppb
Bismuth	209-1				108		%
Bismuth	209-2				106		%
Boron	10-1	7.16	7.12	6.63	6.97	4.19	ppb
Boron	11-1	6.85	6.48	7.09	6.81	4.48	ppb
Bromine	81-1						cps
Cadmium	111-1	143.68	142.42	144.12	143.41	0.62	ppb
Cadmium	106-1	122.96	128.60	125.41	125.66	2.25	ppb
Cadmium	108-1	130.20	124.67	133.49	129.45	3.45	ppb
Calcium	43-1	100586.87	97541.78	100539.87	99556.18	1.75	ppb
Calcium	44-1	97851.57	95947.30	98962.04	97586.97	1.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	21.54	22.21	22.11	21.95	1.66	ppb
Cobalt	59-2	4.79	4.87	4.91	4.86	1.19	ppb
Copper	63-2	742.72	756.85	737.36	745.65	1.35	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				109		%
Holmium	165-2				109		%
Indium	115-1				110		%
Indium	115-2				106		%
Iron	54-2	26397.29	26857.19	26657.05	26637.18	0.87	ppb
Iron	56-2	26934.72	27440.13	26899.98	27091.61	1.12	ppb
Iron	57-2	26055.91	26760.60	27069.02	26628.51	1.95	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-11	Instrumnet Name :	P8
Client Sample ID :	MH1G72	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:56:48	DataFile Name :	142AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	13204.98	13415.01	13242.11	13287.37	0.84	ppb
Lead	207-1	13180.80	13192.30	13253.47	13208.86	0.30	ppb
Lead	208-1	13220.34	13296.12	13444.72	13320.39	0.86	ppb
Lithium	6-1				120		%
Magnesium	24-2	26829.12	26861.39	27498.45	27062.99	1.39	ppb
Manganese	55-2	3488.73	3473.95	3494.31	3485.66	0.30	ppb
Molybdenum	94-1	8.99	9.10	9.09	9.06	0.68	ppb
Molybdenum	95-1	4.26	4.50	4.22	4.33	3.52	ppb
Molybdenum	96-1	4.97	4.91	5.24	5.04	3.55	ppb
Molybdenum	97-1	4.66	4.31	4.29	4.42	4.64	ppb
Molybdenum	98-1	4.43	4.42	4.26	4.37	2.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.24	10.24	10.22	10.23	0.12	ppb
Phosphorus	31-2	4311.15	4642.35	4565.49	4506.33	3.85	ppb
Potassium	39-2	574.32	588.75	610.10	591.06	3.05	ppb
Rhodium	103-1				108		%
Rhodium	103-2				110		%
Scandium	45-1				115		%
Scandium	45-2				114		%
Selenium	82-1	9.63	9.55	9.15	9.44	2.74	ppb
Selenium	77-2	19.79	30.51	11.59	20.63	45.98	ppb
Selenium	78-2	12.63	11.79	11.89	12.10	3.82	ppb
Silicon	28-1	719.51	653.86	703.65	692.34	4.95	ppb
Silver	107-1	89.80	88.48	93.71	90.66	3.00	ppb
Silver	109-1	91.31	88.04	93.30	90.88	2.92	ppb
Sodium	23-2	393.44	401.55	418.30	404.43	3.14	ppb
Strontium	86-1	81.39	82.76	81.74	81.96	0.87	ppb
Strontium	88-1	82.28	80.72	83.44	82.15	1.66	ppb
Sulfur	34-1	18903.42	17080.20	18291.99	18091.87	5.13	ppb
Terbium	159-1				108		%
Terbium	159-2				109		%
Thallium	203-1	2.66	2.70	2.60	2.65	1.83	ppb
Thallium	205-1	2.74	2.73	2.70	2.72	0.76	ppb
Tin	118-1	-0.88	-0.95	-0.52	-0.78		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-11	Instrumnet Name :	P8
Client Sample ID :	MH1G72	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:56:48	DataFile Name :	142AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	42.15	37.28	41.16	40.19	6.40	ppb
Uranium	238-1	3.13	2.96	3.02	3.04	2.80	ppb
Vanadium	51-2	12.63	12.46	12.70	12.60	0.99	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				112		%
Zinc	66-2	26278.52	27265.38	27298.99	26947.63	2.15	ppb
Zirconium	90-1	2.74	2.82	2.69	2.75	2.43	ppb
Zirconium	91-1	2.97	2.94	2.66	2.85	6.06	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	CCV069	Instrumnet Name :	P8
Client Sample ID :	CCV069	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 20:01:58	DataFile Name :	143CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50198.94	53019.16	51536.06	51584.72	2.73	ppb
Antimony	121-1	513.31	504.75	497.78	505.28	1.54	ppb
Arsenic	75-2	506.58	524.45	510.83	513.95	1.82	ppb
Barium	135-1	2551.61	2658.35	2605.02	2605.00	2.05	ppb
Barium	137-1	2516.27	2610.05	2597.93	2574.75	1.98	ppb
Beryllium	9-1	516.34	508.21	495.31	506.62	2.09	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Boron	10-1	482.05	514.48	526.85	507.79	4.56	ppb
Boron	11-1	504.95	517.54	521.08	514.52	1.65	ppb
Bromine	81-1						cps
Cadmium	111-1	493.29	496.45	498.22	495.98	0.50	ppb
Cadmium	106-1	502.08	493.37	494.68	496.71	0.95	ppb
Cadmium	108-1	489.59	495.39	506.11	497.03	1.69	ppb
Calcium	43-1	249441.39	249999.44	249792.45	249744.43	0.11	ppb
Calcium	44-1	252463.87	256620.98	246227.18	251770.67	2.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	483.02	501.53	483.30	489.29	2.17	ppb
Cobalt	59-2	478.77	516.28	483.83	492.96	4.13	ppb
Copper	63-2	4776.58	5083.41	4874.29	4911.42	3.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				107		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	54-2	125055.11	128561.64	123754.14	125790.30	1.98	ppb
Iron	56-2	126112.35	126972.27	124801.13	125961.92	0.87	ppb
Iron	57-2	121031.05	131305.31	121629.07	124655.14	4.63	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	CCV069	Instrumnet Name :	P8
Client Sample ID :	CCV069	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 20:01:58	DataFile Name :	143CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2552.01	2650.31	2538.79	2580.37	2.36	ppb
Lead	207-1	2534.63	2610.52	2513.12	2552.76	2.00	ppb
Lead	208-1	2546.44	2612.14	2535.13	2564.57	1.62	ppb
Lithium	6-1				113		%
Magnesium	24-2	256099.64	263870.45	249082.41	256350.83	2.89	ppb
Manganese	55-2	5072.70	5112.10	4995.56	5060.12	1.17	ppb
Molybdenum	94-1	5492.74	5699.07	5660.45	5617.42	1.95	ppb
Molybdenum	95-1	5588.48	5655.04	5774.60	5672.70	1.66	ppb
Molybdenum	96-1	5524.83	5628.20	5517.25	5556.76	1.12	ppb
Molybdenum	97-1	5532.83	5627.01	5510.65	5556.83	1.11	ppb
Molybdenum	98-1	5606.07	5699.42	5707.45	5670.98	0.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	475.45	502.93	485.37	487.91	2.85	ppb
Phosphorus	31-2	10139.97	10523.18	10021.63	10228.26	2.56	ppb
Potassium	39-2	125224.47	130314.00	125878.88	127139.12	2.18	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				109		%
Scandium	45-2				110		%
Selenium	82-1	517.54	518.03	519.82	518.46	0.23	ppb
Selenium	77-2	524.68	583.62	475.66	527.98	10.24	ppb
Selenium	78-2	508.34	520.35	512.05	513.58	1.20	ppb
Silicon	28-1	438.79	482.79	461.95	461.18	4.77	ppb
Silver	107-1	517.64	516.57	515.83	516.68	0.18	ppb
Silver	109-1	518.65	523.14	519.51	520.44	0.46	ppb
Sodium	23-2	251527.33	268967.46	248200.23	256231.67	4.35	ppb
Strontium	86-1	5111.11	5141.17	4951.99	5068.09	2.01	ppb
Strontium	88-1	5052.63	5081.64	4990.76	5041.68	0.92	ppb
Sulfur	34-1	10988.63	10304.68	9585.09	10292.80	6.82	ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	527.88	523.52	501.52	517.64	2.73	ppb
Thallium	205-1	519.07	513.00	500.43	510.84	1.86	ppb
Tin	118-1	530.76	511.92	520.09	520.92	1.81	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	CCV069	Instrumnet Name :	P8
Client Sample ID :	CCV069	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 20:01:58	DataFile Name :	143CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5661.51	5627.95	5361.94	5550.47	2.96	ppb
Uranium	238-1	512.35	514.65	508.78	511.93	0.58	ppb
Vanadium	51-2	498.31	511.90	495.25	501.82	1.77	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	4781.36	4863.34	4726.49	4790.40	1.44	ppb
Zirconium	90-1	524.80	512.21	510.04	515.68	1.55	ppb
Zirconium	91-1	508.59	509.38	504.95	507.64	0.47	ppb

LB Number : LB117862 Operator : Jaswal
 Lab Sample ID : CCB069 Instrumnet Name : P8
 Client Sample ID : CCB069 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-16 20:11:08 DataFile Name : 144CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.60	-0.05	-0.15	0.13	309.75	ppb
Antimony	121-1	0.07	0.06	0.05	0.06	16.07	ppb
Arsenic	75-2	-0.01	-0.06	-0.02	-0.03		ppb
Barium	135-1	-0.01	0.03	0.01	0.01	169.07	ppb
Barium	137-1	0.01	0.03	0.02	0.02	43.02	ppb
Beryllium	9-1	-0.02	-0.03	-0.01	-0.02		ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Boron	10-1	11.18	10.78	10.22	10.73	4.53	ppb
Boron	11-1	10.13	11.00	10.60	10.58	4.09	ppb
Bromine	81-1						cps
Cadmium	111-1	0.00	-0.01	-0.02	-0.01		ppb
Cadmium	106-1	-2.61	-0.46	-5.11	-2.72		ppb
Cadmium	108-1	-0.17	-0.55	-0.36	-0.36		ppb
Calcium	43-1	-0.22	0.15	3.96	1.30	178.45	ppb
Calcium	44-1	0.55	0.00	3.92	1.49	142.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	-0.05	0.05	0.00	7105.14	ppb
Cobalt	59-2	-0.01	-0.02	-0.01	-0.01		ppb
Copper	63-2	0.15	0.11	0.13	0.13	13.57	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				106		%
Holmium	165-2				103		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	54-2	0.70	-0.10	-0.37	0.07	749.96	ppb
Iron	56-2	1.48	0.84	0.69	1.00	41.55	ppb
Iron	57-2	0.52	1.26	0.14	0.64	89.61	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	CCB069	Instrumnet Name :	P8
Client Sample ID :	CCB069	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 20:11:08	DataFile Name :	144CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.34	0.36	0.43	0.38	12.53	ppb
Lead	207-1	0.31	0.31	0.38	0.34	12.13	ppb
Lead	208-1	0.31	0.31	0.45	0.36	21.80	ppb
Lithium	6-1				117		%
Magnesium	24-2	1.87	0.86	0.06	0.93	97.96	ppb
Manganese	55-2	0.15	0.11	0.12	0.12	16.66	ppb
Molybdenum	94-1	0.11	0.06	0.08	0.08	28.78	ppb
Molybdenum	95-1	0.09	0.10	0.11	0.10	9.28	ppb
Molybdenum	96-1	0.06	0.07	0.06	0.06	6.57	ppb
Molybdenum	97-1	0.12	0.09	0.14	0.12	18.94	ppb
Molybdenum	98-1	0.13	0.09	0.10	0.11	17.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.04	-0.04	-0.03		ppb
Phosphorus	31-2	-78.44	-83.09	-66.64	-76.06		ppb
Potassium	39-2	0.04	4.47	-1.27	1.08	278.42	ppb
Rhodium	103-1				103		%
Rhodium	103-2				106		%
Scandium	45-1				107		%
Scandium	45-2				105		%
Selenium	82-1	1.06	-0.13	0.31	0.42	143.96	ppb
Selenium	77-2	0.00	0.00	1.39	0.46	173.21	ppb
Selenium	78-2	1.90	-0.43	-0.68	0.26	538.76	ppb
Silicon	28-1	-12.59	-12.68	-10.24	-11.83		ppb
Silver	107-1	0.03	0.02	0.03	0.03	27.11	ppb
Silver	109-1	0.03	0.04	0.03	0.03	15.88	ppb
Sodium	23-2	47.40	46.73	44.16	46.10	3.71	ppb
Strontium	86-1	0.17	0.04	0.01	0.08	109.00	ppb
Strontium	88-1	0.06	0.06	0.09	0.07	24.81	ppb
Sulfur	34-1	116.79	100.81	639.19	285.60	107.26	ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	-0.12	-0.15	-0.13	-0.14		ppb
Thallium	205-1	-0.14	-0.16	-0.15	-0.15		ppb
Tin	118-1	-2.14	-2.26	-2.31	-2.24		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	CCB069	Instrumnet Name :	P8
Client Sample ID :	CCB069	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 20:11:08	DataFile Name :	144CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.04	0.04	0.12	0.04	192.60	ppb
Uranium	238-1	0.00	0.01	0.01	0.01	40.19	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	747.19	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				104		%
Zinc	66-2	0.82	0.91	0.47	0.73	31.61	ppb
Zirconium	90-1	0.01	0.01	0.00	0.01	37.14	ppb
Zirconium	91-1	0.03	-0.01	0.03	0.01	140.80	ppb

LB Number : LB117862 Operator : Jaswal
 Lab Sample ID : PB141406BL Instrumnet Name : P8
 Client Sample ID : PBS406 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-16 20:14:12 DataFile Name : 145CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.50	-0.78	-0.41	-0.56		ppb
Antimony	121-1	0.01	0.02	0.02	0.02	27.73	ppb
Arsenic	75-2	-0.02	-0.06	-0.02	-0.03		ppb
Barium	135-1	0.00	0.00	-0.01	0.00		ppb
Barium	137-1	0.01	0.02	0.00	0.01	95.32	ppb
Beryllium	9-1	-0.05	-0.02	-0.02	-0.03		ppb
Bismuth	209-1				102		%
Bismuth	209-2				105		%
Boron	10-1	8.27	7.97	7.49	7.91	4.94	ppb
Boron	11-1	8.54	8.04	7.73	8.11	5.03	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.05	-0.12	-0.18	-0.12		ppb
Cadmium	106-1	3.28	-0.97	-4.05	-0.58		ppb
Cadmium	108-1	-0.53	-0.40	-0.18	-0.37		ppb
Calcium	43-1	-1.12	-0.68	-2.84	-1.55		ppb
Calcium	44-1	1.03	-3.28	-4.34	-2.20		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.04	-0.06	-0.04	-0.05		ppb
Cobalt	59-2	-0.01	-0.01	0.00	-0.01		ppb
Copper	63-2	0.06	0.03	0.09	0.06	52.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				107		%
Indium	115-1				102		%
Indium	115-2				104		%
Iron	54-2	-0.60	-0.50	-0.28	-0.46		ppb
Iron	56-2	0.27	0.00	-0.03	0.08	210.76	ppb
Iron	57-2	-1.60	-3.17	0.43	-1.45		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	PB141406BL	Instrumnet Name :	P8
Client Sample ID :	PBS406	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 20:14:12	DataFile Name :	145CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.27	0.18	0.21	0.22	21.53	ppb
Lead	207-1	0.24	0.22	0.18	0.21	14.41	ppb
Lead	208-1	0.23	0.22	0.20	0.22	6.57	ppb
Lithium	6-1				115		%
Magnesium	24-2	0.94	-0.11	-0.01	0.27	212.95	ppb
Manganese	55-2	0.09	0.05	0.02	0.05	71.19	ppb
Molybdenum	94-1	0.00	-0.04	-0.04	-0.03		ppb
Molybdenum	95-1	0.03	0.02	0.02	0.02	31.92	ppb
Molybdenum	96-1	-0.02	-0.06	-0.03	-0.03		ppb
Molybdenum	97-1	0.12	0.05	0.00	0.06	96.80	ppb
Molybdenum	98-1	0.02	0.01	0.00	0.01	84.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.03	-0.02	-0.03		ppb
Phosphorus	31-2	-88.46	-84.27	-46.49	-73.07		ppb
Potassium	39-2	1.01	-6.70	-7.95	-4.54		ppb
Rhodium	103-1				101		%
Rhodium	103-2				108		%
Scandium	45-1				106		%
Scandium	45-2				109		%
Selenium	82-1	0.33	0.10	0.03	0.15	103.31	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.12	0.69	0.44	0.34	124.17	ppb
Silicon	28-1	-2.71	-12.41	-15.50	-10.21		ppb
Silver	107-1	0.01	0.02	0.03	0.02	46.02	ppb
Silver	109-1	0.02	0.03	0.02	0.02	27.78	ppb
Sodium	23-2	38.31	36.41	37.51	37.41	2.55	ppb
Strontium	86-1	0.06	0.01	0.05	0.04	58.07	ppb
Strontium	88-1	0.00	0.01	0.00	0.00	90.29	ppb
Sulfur	34-1	1230.14	135.70	-17.66	449.39	151.42	ppb
Terbium	159-1				102		%
Terbium	159-2				105		%
Thallium	203-1	-0.15	-0.14	-0.16	-0.15		ppb
Thallium	205-1	-0.15	-0.15	-0.17	-0.15		ppb
Tin	118-1	0.51	0.09	0.16	0.26	87.71	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	PB141406BL	Instrumnet Name :	P8
Client Sample ID :	PBS406	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 20:14:12	DataFile Name :	145CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.05	-0.02	-0.01	0.01	557.79	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	331.35	ppb
Vanadium	51-2	0.01	0.02	0.01	0.01	31.75	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				107		%
Zinc	66-2	0.40	0.31	0.38	0.36	13.32	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	50.02	ppb
Zirconium	91-1	-0.01	0.00	0.01	0.00	896.69	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	PB141406BS	Instrumnet Name :	P8
Client Sample ID :	LCS406	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 20:17:17	DataFile Name :	146LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38.68	39.05	38.39	38.71	0.85	ppb
Antimony	121-1	4.00	3.71	3.85	3.85	3.75	ppb
Arsenic	75-2	2.16	2.43	2.05	2.22	8.83	ppb
Barium	135-1	19.56	17.86	18.54	18.65	4.59	ppb
Barium	137-1	19.30	17.81	18.79	18.64	4.07	ppb
Beryllium	9-1	1.82	1.96	1.92	1.90	3.61	ppb
Bismuth	209-1				103		%
Bismuth	209-2				104		%
Boron	10-1	43.20	50.61	50.81	48.21	9.00	ppb
Boron	11-1	42.89	48.23	50.18	47.10	8.01	ppb
Bromine	81-1						cps
Cadmium	111-1	1.51	1.63	1.79	1.64	8.48	ppb
Cadmium	106-1	4.10	3.00	3.64	3.58	15.52	ppb
Cadmium	108-1	1.84	1.67	1.98	1.83	8.40	ppb
Calcium	43-1	919.58	917.13	922.92	919.88	0.32	ppb
Calcium	44-1	933.62	924.68	923.44	927.25	0.60	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.82	3.42	3.54	3.59	5.68	ppb
Cobalt	59-2	1.93	1.83	1.81	1.85	3.42	ppb
Copper	63-2	3.86	3.99	3.62	3.82	4.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				104		%
Iron	54-2	428.90	432.23	423.80	428.31	0.99	ppb
Iron	56-2	445.64	435.82	441.48	440.98	1.12	ppb
Iron	57-2	443.88	422.55	435.43	433.95	2.47	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	PB141406BS	Instrumnet Name :	P8
Client Sample ID :	LCS406	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 20:17:17	DataFile Name :	146LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.91	1.98	2.37	2.09	11.83	ppb
Lead	207-1	1.97	2.07	2.26	2.10	7.01	ppb
Lead	208-1	1.95	1.99	2.25	2.06	7.98	ppb
Lithium	6-1				115		%
Magnesium	24-2	981.09	995.75	1007.98	994.94	1.35	ppb
Manganese	55-2	2.23	2.07	2.11	2.14	3.79	ppb
Molybdenum	94-1	11.60	11.28	10.96	11.28	2.86	ppb
Molybdenum	95-1	9.70	9.61	9.32	9.54	2.11	ppb
Molybdenum	96-1	9.57	9.19	9.49	9.42	2.10	ppb
Molybdenum	97-1	9.63	9.83	9.92	9.79	1.50	ppb
Molybdenum	98-1	9.70	9.49	9.59	9.59	1.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.74	1.81	2.05	1.87	8.52	ppb
Phosphorus	31-2	-8.24	-43.55	-62.84	-38.21		ppb
Potassium	39-2	983.49	927.50	952.74	954.58	2.94	ppb
Rhodium	103-1				103		%
Rhodium	103-2				107		%
Scandium	45-1				106		%
Scandium	45-2				108		%
Selenium	82-1	11.35	11.26	9.52	10.71	9.61	ppb
Selenium	77-2	8.00	9.51	9.66	9.06	10.12	ppb
Selenium	78-2	10.49	11.59	10.28	10.79	6.52	ppb
Silicon	28-1	9.39	8.96	6.46	8.27	19.09	ppb
Silver	107-1	1.84	1.70	1.87	1.80	5.05	ppb
Silver	109-1	1.92	1.87	1.95	1.91	2.21	ppb
Sodium	23-2	1014.43	1027.42	1037.39	1026.41	1.12	ppb
Strontium	86-1	2.11	2.14	2.01	2.09	3.45	ppb
Strontium	88-1	1.90	1.81	1.96	1.89	4.05	ppb
Sulfur	34-1	705.57	675.27	438.76	606.53	24.08	ppb
Terbium	159-1				103		%
Terbium	159-2				106		%
Thallium	203-1	1.56	1.61	1.61	1.59	1.72	ppb
Thallium	205-1	1.64	1.70	1.68	1.68	1.80	ppb
Tin	118-1	12.75	11.82	12.82	12.46	4.48	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	PB141406BS	Instrumnet Name :	P8
Client Sample ID :	LCS406	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 20:17:17	DataFile Name :	146LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	9.65	9.18	9.39	9.41	2.48	ppb
Uranium	238-1	1.76	1.79	1.73	1.76	1.69	ppb
Vanadium	51-2	9.84	9.23	9.37	9.48	3.35	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				107		%
Zinc	66-2	11.34	10.87	11.18	11.13	2.16	ppb
Zirconium	90-1	1.83	1.74	1.91	1.83	4.80	ppb
Zirconium	91-1	1.65	1.86	1.88	1.80	7.02	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-12	Instrumnet Name :	P8
Client Sample ID :	MH1G73	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 20:20:19	DataFile Name :	147AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1803.78	1761.10	1771.07	1778.65	1.26	ppb
Antimony	121-1	787.99	798.17	812.91	799.69	1.57	ppb
Arsenic	75-2	1158.86	1121.53	1150.68	1143.69	1.72	ppb
Barium	135-1	52.20	54.51	54.46	53.72	2.46	ppb
Barium	137-1	53.39	55.58	54.18	54.38	2.03	ppb
Beryllium	9-1	0.22	0.23	0.16	0.20	17.54	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Boron	10-1	14.39	14.31	13.43	14.04	3.80	ppb
Boron	11-1	13.90	13.84	13.36	13.70	2.15	ppb
Bromine	81-1						cps
Cadmium	111-1	1714.47	1690.00	1709.39	1704.62	0.76	ppb
Cadmium	106-1	1447.33	1431.50	1463.79	1447.54	1.12	ppb
Cadmium	108-1	1499.71	1505.31	1516.12	1507.05	0.55	ppb
Calcium	43-1	86329.69	86028.47	88699.96	87019.37	1.68	ppb
Calcium	44-1	84425.26	85706.85	86991.71	85707.94	1.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	47.11	46.99	47.44	47.18	0.50	ppb
Cobalt	59-2	19.00	18.33	18.94	18.76	1.96	ppb
Copper	63-2	1670.77	1670.76	1693.63	1678.38	0.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				107		%
Indium	115-1				108		%
Indium	115-2				105		%
Iron	54-2	88406.32	93740.50	92167.54	91438.12	3.00	ppb
Iron	56-2	92162.08	93628.69	94722.60	93504.46	1.37	ppb
Iron	57-2	91947.84	97304.37	96454.20	95235.47	3.02	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-12	Instrumnet Name :	P8
Client Sample ID :	MH1G73	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 20:20:19	DataFile Name :	147AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	34751.21	34659.07	33719.93	34376.73	1.66	ppb
Lead	207-1	34096.83	34745.73	33409.79	34084.12	1.96	ppb
Lead	208-1	34375.24	34904.26	33527.89	34269.13	2.03	ppb
Lithium	6-1				118		%
Magnesium	24-2	32872.36	32937.60	32950.22	32920.06	0.13	ppb
Manganese	55-2	5145.09	5401.15	5422.55	5322.93	2.90	ppb
Molybdenum	94-1	9.81	11.14	10.71	10.55	6.41	ppb
Molybdenum	95-1	5.03	5.28	4.75	5.02	5.20	ppb
Molybdenum	96-1	6.35	6.41	6.26	6.34	1.20	ppb
Molybdenum	97-1	4.74	5.14	5.15	5.01	4.66	ppb
Molybdenum	98-1	5.06	5.08	4.91	5.01	1.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	15.03	14.38	14.66	14.69	2.21	ppb
Phosphorus	31-2	9691.70	8959.45	9201.99	9284.38	4.02	ppb
Potassium	39-2	964.71	934.34	946.78	948.61	1.61	ppb
Rhodium	103-1				105		%
Rhodium	103-2				108		%
Scandium	45-1				111		%
Scandium	45-2				109		%
Selenium	82-1	12.58	14.06	14.35	13.67	6.95	ppb
Selenium	77-2	21.16	20.42	18.55	20.05	6.71	ppb
Selenium	78-2	13.49	13.64	17.23	14.78	14.32	ppb
Silicon	28-1	624.92	592.72	563.91	593.85	5.14	ppb
Silver	107-1	136.76	143.27	140.56	140.20	2.33	ppb
Silver	109-1	141.39	142.55	143.39	142.44	0.71	ppb
Sodium	23-2	390.01	398.76	401.76	396.84	1.54	ppb
Strontium	86-1	57.73	61.35	62.01	60.36	3.82	ppb
Strontium	88-1	59.21	60.92	60.14	60.09	1.43	ppb
Sulfur	34-1	83098.69	80997.81	79092.81	81063.10	2.47	ppb
Terbium	159-1				108		%
Terbium	159-2				108		%
Thallium	203-1	4.31	4.58	4.18	4.36	4.71	ppb
Thallium	205-1	4.44	4.58	4.57	4.53	1.74	ppb
Tin	118-1	4.04	3.91	4.50	4.15	7.55	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-12	Instrumnet Name :	P8
Client Sample ID :	MH1G73	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 20:20:19	DataFile Name :	147AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	50.09	49.72	49.86	49.89	0.38	ppb
Uranium	238-1	5.74	5.74	5.61	5.69	1.34	ppb
Vanadium	51-2	21.17	20.80	21.23	21.07	1.11	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				111		%
Zinc	66-2	283235.79	291688.81	285163.99	286696.20	1.55	ppb
Zirconium	90-1	3.36	3.43	3.42	3.40	1.07	ppb
Zirconium	91-1	3.46	3.51	3.54	3.50	1.04	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-13	Instrumnet Name :	P8
Client Sample ID :	MH1G74	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 20:23:15	DataFile Name :	148AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3854.81	3393.73	3191.50	3480.01	9.77	ppb
Antimony	121-1	493.82	462.61	473.18	476.54	3.33	ppb
Arsenic	75-2	613.98	557.70	546.15	572.61	6.34	ppb
Barium	135-1	79.54	72.74	76.86	76.38	4.48	ppb
Barium	137-1	78.89	74.74	77.09	76.91	2.71	ppb
Beryllium	9-1	0.16	0.15	0.17	0.16	5.60	ppb
Bismuth	209-1				109		%
Bismuth	209-2				99		%
Boron	10-1	15.47	15.49	16.62	15.86	4.14	ppb
Boron	11-1	13.82	13.62	15.97	14.47	9.02	ppb
Bromine	81-1						cps
Cadmium	111-1	171.38	160.82	169.81	167.34	3.41	ppb
Cadmium	106-1	152.51	148.32	145.14	148.66	2.49	ppb
Cadmium	108-1	156.43	141.14	150.62	149.40	5.17	ppb
Calcium	43-1	87341.75	87254.80	89780.00	88125.51	1.63	ppb
Calcium	44-1	87977.11	85755.48	86868.03	86866.87	1.28	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	17.13	15.41	14.38	15.64	8.89	ppb
Cobalt	59-2	11.59	10.18	9.50	10.42	10.22	ppb
Copper	63-2	802.39	697.56	657.02	718.99	10.43	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				109		%
Holmium	165-2				103		%
Indium	115-1				108		%
Indium	115-2				99		%
Iron	54-2	55572.82	49518.86	44433.38	49841.69	11.19	ppb
Iron	56-2	54713.43	48140.31	45930.75	49594.83	9.21	ppb
Iron	57-2	54905.09	47403.59	47137.97	49815.55	8.85	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-13	Instrumnet Name :	P8
Client Sample ID :	MH1G74	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 20:23:15	DataFile Name :	148AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	9595.45	9775.93	9689.81	9687.06	0.93	ppb
Lead	207-1	9634.42	9661.05	9674.03	9656.50	0.21	ppb
Lead	208-1	9670.10	9823.71	9741.74	9745.18	0.79	ppb
Lithium	6-1				115		%
Magnesium	24-2	20690.76	17837.07	17338.50	18622.11	9.71	ppb
Manganese	55-2	3921.55	3449.62	3217.31	3529.49	10.17	ppb
Molybdenum	94-1	4.70	4.97	4.96	4.88	3.15	ppb
Molybdenum	95-1	2.90	2.94	2.71	2.85	4.31	ppb
Molybdenum	96-1	3.27	3.21	3.38	3.29	2.67	ppb
Molybdenum	97-1	2.57	2.65	2.72	2.64	2.73	ppb
Molybdenum	98-1	2.73	2.84	2.65	2.74	3.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	12.22	10.41	9.71	10.78	12.04	ppb
Phosphorus	31-2	3851.63	3743.87	3421.77	3672.42	6.09	ppb
Potassium	39-2	679.49	564.10	523.15	588.91	13.77	ppb
Rhodium	103-1				107		%
Rhodium	103-2				103		%
Scandium	45-1				112		%
Scandium	45-2				105		%
Selenium	82-1	13.66	13.09	13.05	13.27	2.56	ppb
Selenium	77-2	28.46	20.29	30.28	26.34	20.21	ppb
Selenium	78-2	15.86	17.67	14.09	15.88	11.28	ppb
Silicon	28-1	702.28	719.83	713.62	711.91	1.25	ppb
Silver	107-1	53.81	50.91	53.57	52.76	3.05	ppb
Silver	109-1	55.11	51.42	52.05	52.86	3.74	ppb
Sodium	23-2	1069.83	933.17	872.39	958.46	10.55	ppb
Strontium	86-1	100.44	93.56	93.92	95.97	4.03	ppb
Strontium	88-1	100.16	97.34	97.30	98.27	1.67	ppb
Sulfur	34-1	30220.24	30921.36	30511.40	30551.00	1.15	ppb
Terbium	159-1				108		%
Terbium	159-2				102		%
Thallium	203-1	3.10	3.34	3.19	3.21	3.75	ppb
Thallium	205-1	3.21	3.43	3.19	3.28	4.17	ppb
Tin	118-1	0.59	0.39	0.48	0.49	20.70	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-13	Instrumnet Name :	P8
Client Sample ID :	MH1G74	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 20:23:15	DataFile Name :	148AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	70.43	69.69	69.24	69.79	0.86	ppb
Uranium	238-1	2.38	2.38	2.47	2.41	2.20	ppb
Vanadium	51-2	15.87	13.83	13.34	14.35	9.37	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				105		%
Zinc	66-2	40843.28	34424.19	32520.40	35929.29	12.14	ppb
Zirconium	90-1	1.46	1.45	1.54	1.48	3.28	ppb
Zirconium	91-1	1.62	1.39	1.57	1.52	7.84	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-14	Instrumnet Name :	P8
Client Sample ID :	MH1G75	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 20:26:10	DataFile Name :	149AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2491.13	2555.94	2581.14	2542.74	1.83	ppb
Antimony	121-1	439.69	435.64	436.54	437.29	0.49	ppb
Arsenic	75-2	454.14	448.59	465.09	455.94	1.84	ppb
Barium	135-1	80.00	78.10	79.35	79.15	1.22	ppb
Barium	137-1	80.09	80.08	80.68	80.28	0.43	ppb
Beryllium	9-1	0.18	0.18	0.15	0.17	11.86	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Boron	10-1	8.49	9.18	8.28	8.65	5.41	ppb
Boron	11-1	7.68	8.81	8.55	8.35	7.10	ppb
Bromine	81-1						cps
Cadmium	111-1	181.00	184.63	187.29	184.31	1.71	ppb
Cadmium	106-1	163.12	161.39	175.93	166.81	4.76	ppb
Cadmium	108-1	163.61	168.62	169.41	167.21	1.88	ppb
Calcium	43-1	80294.99	85531.32	83165.53	82997.28	3.16	ppb
Calcium	44-1	78645.88	81055.09	80376.19	80025.72	1.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	16.47	16.23	16.28	16.33	0.78	ppb
Cobalt	59-2	6.04	5.84	5.94	5.94	1.67	ppb
Copper	63-2	548.42	552.61	543.91	548.31	0.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				107		%
Indium	115-1				107		%
Indium	115-2				106		%
Iron	54-2	29486.29	29035.08	28857.11	29126.16	1.11	ppb
Iron	56-2	28842.53	29689.96	29095.98	29209.49	1.49	ppb
Iron	57-2	27837.05	29035.16	28348.02	28406.74	2.12	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-14	Instrumnet Name :	P8
Client Sample ID :	MH1G75	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 20:26:10	DataFile Name :	149AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	7920.63	7688.04	7815.06	7807.91	1.49	ppb
Lead	207-1	7908.60	7688.78	7850.32	7815.90	1.46	ppb
Lead	208-1	7921.10	7834.11	7756.47	7837.23	1.05	ppb
Lithium	6-1				117		%
Magnesium	24-2	22392.34	23030.44	23528.26	22983.68	2.48	ppb
Manganese	55-2	3155.23	3194.46	3127.75	3159.15	1.06	ppb
Molybdenum	94-1	6.34	6.58	6.40	6.44	1.92	ppb
Molybdenum	95-1	2.84	3.15	3.07	3.02	5.24	ppb
Molybdenum	96-1	3.55	3.57	3.49	3.54	1.25	ppb
Molybdenum	97-1	2.90	3.05	2.79	2.92	4.47	ppb
Molybdenum	98-1	2.80	2.87	2.91	2.86	1.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.85	11.69	11.27	11.27	3.75	ppb
Phosphorus	31-2	3573.75	3739.11	3857.01	3723.29	3.82	ppb
Potassium	39-2	454.86	463.00	465.65	461.17	1.22	ppb
Rhodium	103-1				104		%
Rhodium	103-2				108		%
Scandium	45-1				111		%
Scandium	45-2				111		%
Selenium	82-1	9.03	10.37	7.01	8.80	19.19	ppb
Selenium	77-2	18.08	22.02	12.05	17.38	28.89	ppb
Selenium	78-2	9.67	10.05	9.72	9.81	2.10	ppb
Silicon	28-1	1237.58	1240.67	1229.34	1235.87	0.47	ppb
Silver	107-1	51.00	52.00	52.76	51.92	1.70	ppb
Silver	109-1	51.00	50.92	54.15	52.02	3.54	ppb
Sodium	23-2	515.55	548.85	560.98	541.79	4.34	ppb
Strontium	86-1	64.67	67.14	64.95	65.59	2.06	ppb
Strontium	88-1	63.33	65.92	64.40	64.55	2.02	ppb
Sulfur	34-1	19409.93	14751.63	20066.74	18076.10	16.03	ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	2.22	2.21	2.14	2.19	1.99	ppb
Thallium	205-1	2.17	2.15	2.23	2.18	1.99	ppb
Tin	118-1	-1.34	-1.39	-1.10	-1.28		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-14	Instrumnet Name :	P8
Client Sample ID :	MH1G75	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 20:26:10	DataFile Name :	149AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	69.37	69.13	71.36	69.95	1.76	ppb
Uranium	238-1	3.04	3.01	3.04	3.03	0.64	ppb
Vanadium	51-2	16.61	17.34	17.55	17.17	2.88	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				111		%
Zinc	66-2	38765.80	40804.94	38511.54	39360.76	3.19	ppb
Zirconium	90-1	2.14	2.21	2.16	2.17	1.76	ppb
Zirconium	91-1	2.31	2.38	2.27	2.32	2.44	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-15	Instrumnet Name :	P8
Client Sample ID :	MH1G76	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 20:29:06	DataFile Name :	150AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4023.23	4056.80	3910.24	3996.76	1.92	ppb
Antimony	121-1	135.73	137.43	136.09	136.42	0.65	ppb
Arsenic	75-2	248.92	250.58	246.78	248.76	0.77	ppb
Barium	135-1	88.34	87.03	87.42	87.60	0.77	ppb
Barium	137-1	89.60	87.86	88.26	88.58	1.03	ppb
Beryllium	9-1	0.28	0.28	0.27	0.27	2.06	ppb
Bismuth	209-1				109		%
Bismuth	209-2				104		%
Boron	10-1	9.26	10.00	10.39	9.88	5.77	ppb
Boron	11-1	9.46	8.86	9.11	9.14	3.30	ppb
Bromine	81-1						cps
Cadmium	111-1	44.91	43.53	44.30	44.24	1.56	ppb
Cadmium	106-1	39.16	39.48	42.26	40.30	4.23	ppb
Cadmium	108-1	39.63	41.48	42.42	41.18	3.45	ppb
Calcium	43-1	16223.38	16802.02	16569.97	16531.79	1.76	ppb
Calcium	44-1	16735.62	16918.29	16381.56	16678.49	1.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9.06	9.49	8.82	9.12	3.74	ppb
Cobalt	59-2	12.60	12.56	12.30	12.49	1.29	ppb
Copper	63-2	254.09	260.37	248.85	254.44	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				110		%
Holmium	165-2				107		%
Indium	115-1				108		%
Indium	115-2				106		%
Iron	54-2	42836.41	45754.85	43499.66	44030.31	3.47	ppb
Iron	56-2	45205.61	45233.42	45035.84	45158.29	0.24	ppb
Iron	57-2	43259.73	44505.23	42928.13	43564.37	1.91	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-15	Instrumnet Name :	P8
Client Sample ID :	MH1G76	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 20:29:06	DataFile Name :	150AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4225.55	4188.69	4285.05	4233.10	1.15	ppb
Lead	207-1	4242.43	4192.69	4247.48	4227.53	0.72	ppb
Lead	208-1	4268.05	4218.41	4280.07	4255.51	0.77	ppb
Lithium	6-1				114		%
Magnesium	24-2	4290.45	4349.32	4222.20	4287.32	1.48	ppb
Manganese	55-2	1438.42	1476.22	1457.78	1457.47	1.30	ppb
Molybdenum	94-1	3.10	2.81	2.70	2.87	7.15	ppb
Molybdenum	95-1	1.79	1.76	1.64	1.73	4.73	ppb
Molybdenum	96-1	2.28	2.21	2.11	2.20	3.75	ppb
Molybdenum	97-1	1.62	1.72	1.61	1.65	3.62	ppb
Molybdenum	98-1	1.59	1.60	1.71	1.63	4.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.39	10.58	10.03	10.33	2.69	ppb
Phosphorus	31-2	1365.97	1526.27	1584.23	1492.16	7.58	ppb
Potassium	39-2	615.31	649.55	644.09	636.32	2.89	ppb
Rhodium	103-1				107		%
Rhodium	103-2				109		%
Scandium	45-1				115		%
Scandium	45-2				114		%
Selenium	82-1	11.78	11.96	12.53	12.09	3.24	ppb
Selenium	77-2	16.84	31.80	16.84	21.83	39.58	ppb
Selenium	78-2	13.46	11.90	10.39	11.92	12.85	ppb
Silicon	28-1	912.18	927.55	895.35	911.69	1.77	ppb
Silver	107-1	22.49	21.78	22.09	22.12	1.62	ppb
Silver	109-1	21.56	22.31	22.22	22.03	1.86	ppb
Sodium	23-2	458.77	457.73	455.21	457.24	0.40	ppb
Strontium	86-1	51.93	52.18	53.48	52.53	1.58	ppb
Strontium	88-1	51.64	52.76	51.99	52.13	1.10	ppb
Sulfur	34-1	20020.86	21200.57	19813.24	20344.89	3.68	ppb
Terbium	159-1				106		%
Terbium	159-2				108		%
Thallium	203-1	1.73	1.67	1.69	1.70	1.68	ppb
Thallium	205-1	1.68	1.78	1.83	1.76	4.32	ppb
Tin	118-1	-2.31	-2.11	-2.10	-2.17		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-15	Instrumnet Name :	P8
Client Sample ID :	MH1G76	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 20:29:06	DataFile Name :	150AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	94.51	95.64	93.32	94.49	1.23	ppb
Uranium	238-1	1.15	1.11	1.13	1.13	1.82	ppb
Vanadium	51-2	14.90	15.37	15.33	15.20	1.71	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				111		%
Zinc	66-2	7392.38	7610.23	7578.49	7527.03	1.56	ppb
Zirconium	90-1	0.75	0.71	0.71	0.73	3.19	ppb
Zirconium	91-1	0.75	0.89	0.80	0.82	8.70	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-16	Instrumnet Name :	P8
Client Sample ID :	MH1G77	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 20:32:02	DataFile Name :	151AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6284.84	5928.98	6060.85	6091.56	2.95	ppb
Antimony	121-1	1395.29	1405.54	1471.79	1424.21	2.92	ppb
Arsenic	75-2	1665.25	1467.55	1570.36	1567.72	6.31	ppb
Barium	135-1	153.73	156.36	160.94	157.01	2.32	ppb
Barium	137-1	155.23	157.67	162.44	158.45	2.31	ppb
Beryllium	9-1	0.47	0.48	0.46	0.47	1.49	ppb
Bismuth	209-1				105		%
Bismuth	209-2				101		%
Boron	10-1	31.70	35.36	35.14	34.06	6.02	ppb
Boron	11-1	31.50	33.25	33.86	32.87	3.72	ppb
Bromine	81-1						cps
Cadmium	111-1	714.91	737.29	751.47	734.56	2.51	ppb
Cadmium	106-1	642.88	642.75	661.45	649.03	1.66	ppb
Cadmium	108-1	646.42	653.15	673.42	657.66	2.14	ppb
Calcium	43-1	45061.32	45874.78	46017.16	45651.09	1.13	ppb
Calcium	44-1	45700.22	45883.64	47382.53	46322.13	1.99	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	21.29	19.41	20.16	20.29	4.67	ppb
Cobalt	59-2	10.40	9.53	9.76	9.90	4.57	ppb
Copper	63-2	3478.27	3113.87	3291.53	3294.56	5.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				102		%
Indium	115-1				107		%
Indium	115-2				100		%
Iron	54-2	48975.21	44992.00	46505.88	46824.36	4.29	ppb
Iron	56-2	47834.07	44222.99	45187.63	45748.23	4.09	ppb
Iron	57-2	47777.27	43465.63	44409.90	45217.60	5.01	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-16	Instrumnet Name :	P8
Client Sample ID :	MH1G77	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 20:32:02	DataFile Name :	151AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	38326.14	36148.81	36352.25	36942.40	3.26	ppb
Lead	207-1	36925.10	35539.56	36103.48	36189.38	1.93	ppb
Lead	208-1	36890.39	36042.55	35806.69	36246.54	1.57	ppb
Lithium	6-1				114		%
Magnesium	24-2	13181.98	12587.38	12826.66	12865.34	2.33	ppb
Manganese	55-2	7260.68	6670.57	6945.59	6958.95	4.24	ppb
Molybdenum	94-1	14.77	16.03	15.57	15.46	4.11	ppb
Molybdenum	95-1	10.23	10.16	10.71	10.37	2.87	ppb
Molybdenum	96-1	10.75	11.27	11.07	11.03	2.38	ppb
Molybdenum	97-1	10.28	10.32	10.58	10.39	1.59	ppb
Molybdenum	98-1	9.84	10.32	10.49	10.22	3.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	14.27	13.19	13.69	13.72	3.96	ppb
Phosphorus	31-2	2930.42	2914.42	2848.92	2897.92	1.49	ppb
Potassium	39-2	507.55	461.07	472.65	480.42	5.04	ppb
Rhodium	103-1				105		%
Rhodium	103-2				105		%
Scandium	45-1				112		%
Scandium	45-2				107		%
Selenium	82-1	14.33	14.21	15.35	14.63	4.27	ppb
Selenium	77-2	20.03	26.34	6.86	17.74	56.04	ppb
Selenium	78-2	20.46	13.64	14.50	16.20	22.92	ppb
Silicon	28-1	3582.62	3574.16	3416.28	3524.35	2.66	ppb
Silver	107-1	225.10	228.85	235.82	229.92	2.37	ppb
Silver	109-1	230.96	225.87	237.49	231.44	2.52	ppb
Sodium	23-2	1671.84	1587.27	1604.69	1621.27	2.75	ppb
Strontium	86-1	75.28	76.98	76.91	76.39	1.26	ppb
Strontium	88-1	75.07	77.18	77.58	76.61	1.76	ppb
Sulfur	34-1	21782.50	22161.51	21172.14	21705.38	2.30	ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	1.89	1.80	1.89	1.86	3.03	ppb
Thallium	205-1	2.04	1.93	1.92	1.96	3.48	ppb
Tin	118-1	2.20	2.54	2.89	2.54	13.47	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-16	Instrumnet Name :	P8
Client Sample ID :	MH1G77	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 20:32:02	DataFile Name :	151AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	156.90	159.73	162.61	159.75	1.79	ppb
Uranium	238-1	4.10	4.02	4.08	4.07	0.96	ppb
Vanadium	51-2	27.39	25.69	27.25	26.78	3.51	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	159647.30	139531.59	149319.67	149499.52	6.73	ppb
Zirconium	90-1	3.55	3.53	3.64	3.58	1.65	ppb
Zirconium	91-1	3.64	3.96	4.03	3.88	5.24	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-17	Instrumnet Name :	P8
Client Sample ID :	MH1G78	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 20:34:58	DataFile Name :	152AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11369.41	11241.91	11235.88	11282.40	0.67	ppb
Antimony	121-1	374.77	372.88	374.63	374.09	0.28	ppb
Arsenic	75-2	909.07	910.11	913.51	910.90	0.25	ppb
Barium	135-1	172.67	168.42	171.65	170.92	1.30	ppb
Barium	137-1	171.99	169.06	178.51	173.18	2.79	ppb
Beryllium	9-1	0.91	0.96	1.00	0.96	5.09	ppb
Bismuth	209-1				108		%
Bismuth	209-2				106		%
Boron	10-1	15.87	16.95	17.87	16.89	5.92	ppb
Boron	11-1	15.56	16.83	18.21	16.87	7.86	ppb
Bromine	81-1						cps
Cadmium	111-1	175.05	165.91	175.86	172.27	3.21	ppb
Cadmium	106-1	160.93	142.97	150.44	151.45	5.96	ppb
Cadmium	108-1	150.57	150.16	162.87	154.53	4.67	ppb
Calcium	43-1	52900.51	53287.87	53345.86	53178.08	0.46	ppb
Calcium	44-1	51782.67	51328.28	53981.34	52364.10	2.71	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	30.15	29.28	29.33	29.59	1.64	ppb
Cobalt	59-2	56.98	55.84	56.06	56.29	1.08	ppb
Copper	63-2	895.51	889.08	933.18	905.92	2.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				107		%
Indium	115-1				109		%
Indium	115-2				107		%
Iron	54-2	202605.95	200455.10	202205.94	201755.67	0.57	ppb
Iron	56-2	207913.91	206110.82	205794.03	206606.25	0.55	ppb
Iron	57-2	209453.46	199610.89	206505.83	205190.06	2.46	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-17	Instrumnet Name :	P8
Client Sample ID :	MH1G78	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 20:34:58	DataFile Name :	152AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	15090.36	15017.74	14583.50	14897.20	1.84	ppb
Lead	207-1	14761.87	15004.06	14467.01	14744.31	1.82	ppb
Lead	208-1	14989.61	14903.78	14600.83	14831.41	1.38	ppb
Lithium	6-1				112		%
Magnesium	24-2	15771.55	14706.32	14997.71	15158.53	3.63	ppb
Manganese	55-2	5246.37	5297.10	5297.27	5280.25	0.56	ppb
Molybdenum	94-1	15.13	14.98	15.03	15.05	0.50	ppb
Molybdenum	95-1	13.51	13.52	14.22	13.75	2.92	ppb
Molybdenum	96-1	15.41	15.54	15.89	15.62	1.59	ppb
Molybdenum	97-1	13.95	13.72	13.52	13.73	1.57	ppb
Molybdenum	98-1	13.97	13.59	13.60	13.72	1.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	38.95	38.13	38.26	38.44	1.14	ppb
Phosphorus	31-2	4996.49	5098.85	5187.75	5094.36	1.88	ppb
Potassium	39-2	1777.52	1761.85	1767.10	1768.82	0.45	ppb
Rhodium	103-1				108		%
Rhodium	103-2				111		%
Scandium	45-1				114		%
Scandium	45-2				113		%
Selenium	82-1	52.25	50.76	51.85	51.62	1.49	ppb
Selenium	77-2	77.95	64.49	97.69	80.04	20.87	ppb
Selenium	78-2	51.66	53.87	55.71	53.75	3.77	ppb
Silicon	28-1	2335.90	2389.36	2419.33	2381.53	1.77	ppb
Silver	107-1	71.77	70.47	72.55	71.60	1.46	ppb
Silver	109-1	73.64	71.26	76.90	73.93	3.83	ppb
Sodium	23-2	1296.14	1286.71	1321.38	1301.41	1.38	ppb
Strontium	86-1	144.09	141.80	143.69	143.19	0.86	ppb
Strontium	88-1	145.01	144.66	145.96	145.21	0.46	ppb
Sulfur	34-1	113885.35	113290.34	115402.81	114192.83	0.95	ppb
Terbium	159-1				107		%
Terbium	159-2				109		%
Thallium	203-1	4.36	4.12	3.89	4.12	5.74	ppb
Thallium	205-1	4.02	4.05	4.02	4.03	0.41	ppb
Tin	118-1	1.63	1.55	2.02	1.73	14.36	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-17	Instrumnet Name :	P8
Client Sample ID :	MH1G78	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 20:34:58	DataFile Name :	152AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	188.63	190.22	189.84	189.56	0.44	ppb
Uranium	238-1	4.11	4.05	4.06	4.07	0.89	ppb
Vanadium	51-2	52.67	52.12	51.65	52.15	0.98	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				114		%
Yttrium	89-2				113		%
Zinc	66-2	30041.16	28785.48	30011.08	29612.57	2.42	ppb
Zirconium	90-1	1.71	1.84	1.74	1.76	3.74	ppb
Zirconium	91-1	1.93	1.91	1.95	1.93	1.02	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-18	Instrumnet Name :	P8
Client Sample ID :	MH1G77D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 20:37:51	DataFile Name :	153AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5032.57	5859.67	5233.99	5375.41	8.02	ppb
Antimony	121-1	1283.98	1260.58	1296.04	1280.20	1.41	ppb
Arsenic	75-2	1321.89	1523.64	1361.78	1402.44	7.62	ppb
Barium	135-1	138.46	134.87	139.24	137.52	1.70	ppb
Barium	137-1	140.88	136.76	141.43	139.69	1.83	ppb
Beryllium	9-1	0.38	0.39	0.38	0.38	2.21	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Boron	10-1	28.42	29.94	30.32	29.56	3.40	ppb
Boron	11-1	28.07	29.65	30.10	29.27	3.63	ppb
Bromine	81-1						cps
Cadmium	111-1	648.12	623.07	655.23	642.14	2.63	ppb
Cadmium	106-1	561.51	544.92	567.98	558.13	2.13	ppb
Cadmium	108-1	581.66	570.83	581.95	578.15	1.10	ppb
Calcium	43-1	39411.67	41185.01	40804.14	40466.94	2.31	ppb
Calcium	44-1	40103.37	40846.52	41450.80	40800.23	1.65	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	16.43	19.44	17.60	17.83	8.51	ppb
Cobalt	59-2	8.96	10.30	9.30	9.52	7.28	ppb
Copper	63-2	2738.90	3163.48	2800.32	2900.90	7.91	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				109		%
Holmium	165-2				105		%
Indium	115-1				107		%
Indium	115-2				102		%
Iron	54-2	39095.87	44801.54	39930.27	41275.89	7.47	ppb
Iron	56-2	40147.05	45270.18	40199.74	41872.32	7.03	ppb
Iron	57-2	38927.72	43950.08	39965.14	40947.65	6.48	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-18	Instrumnet Name :	P8
Client Sample ID :	MH1G77D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 20:37:51	DataFile Name :	153AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	35730.44	33640.74	34358.94	34576.71	3.07	ppb
Lead	207-1	34534.79	33525.83	34030.68	34030.43	1.48	ppb
Lead	208-1	34899.63	33999.91	34614.23	34504.59	1.33	ppb
Lithium	6-1				111		%
Magnesium	24-2	11310.12	12992.60	11757.03	12019.92	7.25	ppb
Manganese	55-2	5964.95	7063.15	6200.22	6409.44	9.02	ppb
Molybdenum	94-1	13.53	13.65	13.59	13.59	0.44	ppb
Molybdenum	95-1	8.77	9.53	8.82	9.04	4.73	ppb
Molybdenum	96-1	9.58	9.99	9.48	9.68	2.83	ppb
Molybdenum	97-1	9.03	8.98	8.77	8.93	1.56	ppb
Molybdenum	98-1	8.91	9.07	8.65	8.88	2.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.88	13.84	11.97	12.56	8.78	ppb
Phosphorus	31-2	2318.41	2710.09	2364.91	2464.47	8.68	ppb
Potassium	39-2	388.57	470.94	412.47	423.99	9.99	ppb
Rhodium	103-1				105		%
Rhodium	103-2				107		%
Scandium	45-1				111		%
Scandium	45-2				109		%
Selenium	82-1	12.80	13.95	13.38	13.38	4.30	ppb
Selenium	77-2	23.95	33.28	25.04	27.43	18.60	ppb
Selenium	78-2	14.08	15.42	15.27	14.92	4.92	ppb
Silicon	28-1	3224.59	3137.17	3286.31	3216.02	2.33	ppb
Silver	107-1	206.81	199.65	208.20	204.89	2.24	ppb
Silver	109-1	207.09	203.30	212.89	207.76	2.32	ppb
Sodium	23-2	1399.27	1618.12	1445.57	1487.65	7.75	ppb
Strontium	86-1	65.24	66.65	64.29	65.40	1.82	ppb
Strontium	88-1	66.00	67.29	65.98	66.42	1.13	ppb
Sulfur	34-1	20210.11	19940.73	20269.96	20140.27	0.87	ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	1.77	1.79	1.75	1.77	1.03	ppb
Thallium	205-1	1.89	1.85	1.84	1.86	1.33	ppb
Tin	118-1	1.89	1.54	1.95	1.80	12.44	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-18	Instrumnet Name :	P8
Client Sample ID :	MH1G77D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 20:37:51	DataFile Name :	153AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	140.89	143.14	141.73	141.92	0.80	ppb
Uranium	238-1	3.95	3.71	3.81	3.82	3.23	ppb
Vanadium	51-2	22.15	25.21	23.00	23.46	6.74	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	127174.35	144643.41	125998.98	132605.58	7.87	ppb
Zirconium	90-1	2.92	3.06	2.93	2.97	2.58	ppb
Zirconium	91-1	3.11	3.06	3.24	3.14	2.86	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-16LX5	Instrumnet Name :	P8
Client Sample ID :	MH1G77L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 20:40:48	DataFile Name :	154AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1147.88	1141.79	1116.06	1135.24	1.49	ppb
Antimony	121-1	267.71	279.18	275.97	274.29	2.16	ppb
Arsenic	75-2	284.99	291.72	288.13	288.28	1.17	ppb
Barium	135-1	29.06	31.15	30.02	30.08	3.47	ppb
Barium	137-1	29.70	31.40	30.45	30.52	2.78	ppb
Beryllium	9-1	0.05	0.06	0.08	0.06	22.45	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Boron	10-1	10.81	10.71	10.58	10.70	1.08	ppb
Boron	11-1	10.56	10.46	10.93	10.65	2.36	ppb
Bromine	81-1						cps
Cadmium	111-1	137.15	145.04	139.02	140.40	2.94	ppb
Cadmium	106-1	121.13	129.30	118.43	122.95	4.60	ppb
Cadmium	108-1	122.10	131.29	126.12	126.50	3.64	ppb
Calcium	43-1	8797.86	8709.04	8905.96	8804.29	1.12	ppb
Calcium	44-1	8999.54	8558.83	8843.86	8800.74	2.54	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.68	3.78	3.92	3.79	3.18	ppb
Cobalt	59-2	1.90	1.89	1.81	1.87	2.72	ppb
Copper	63-2	601.55	606.59	591.76	599.97	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				103		%
Indium	115-1				102		%
Indium	115-2				103		%
Iron	54-2	8400.48	8527.85	8232.55	8386.96	1.77	ppb
Iron	56-2	8864.67	8605.10	8611.12	8693.63	1.70	ppb
Iron	57-2	8530.16	8398.25	8334.22	8420.88	1.19	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-16LX5	Instrumnet Name :	P8
Client Sample ID :	MH1G77L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 20:40:48	DataFile Name :	154AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	6810.75	7073.00	6957.65	6947.13	1.89	ppb
Lead	207-1	6917.95	6878.72	6974.59	6923.75	0.70	ppb
Lead	208-1	6945.52	6864.93	6962.39	6924.28	0.75	ppb
Lithium	6-1				110		%
Magnesium	24-2	2434.42	2413.92	2381.20	2409.85	1.11	ppb
Manganese	55-2	1305.11	1302.12	1262.97	1290.07	1.82	ppb
Molybdenum	94-1	3.14	3.02	3.31	3.16	4.65	ppb
Molybdenum	95-1	2.00	2.09	2.01	2.03	2.51	ppb
Molybdenum	96-1	2.15	2.05	2.13	2.11	2.70	ppb
Molybdenum	97-1	1.99	2.14	2.24	2.12	5.89	ppb
Molybdenum	98-1	1.97	2.02	2.02	2.00	1.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.50	2.49	2.44	2.48	1.25	ppb
Phosphorus	31-2	477.32	576.77	456.70	503.59	12.75	ppb
Potassium	39-2	106.68	100.88	99.25	102.27	3.82	ppb
Rhodium	103-1				102		%
Rhodium	103-2				108		%
Scandium	45-1				106		%
Scandium	45-2				108		%
Selenium	82-1	4.57	4.04	3.95	4.19	8.06	ppb
Selenium	77-2	6.71	0.00	4.05	3.59	94.19	ppb
Selenium	78-2	3.65	3.72	3.82	3.73	2.33	ppb
Silicon	28-1	687.36	645.26	699.61	677.41	4.21	ppb
Silver	107-1	42.96	45.48	43.95	44.13	2.88	ppb
Silver	109-1	43.57	46.07	45.57	45.07	2.94	ppb
Sodium	23-2	346.41	351.99	333.48	343.96	2.76	ppb
Strontium	86-1	14.58	15.19	15.10	14.96	2.19	ppb
Strontium	88-1	14.80	15.04	15.16	15.00	1.21	ppb
Sulfur	34-1	5702.53	5686.33	5903.93	5764.26	2.10	ppb
Terbium	159-1				101		%
Terbium	159-2				105		%
Thallium	203-1	0.33	0.24	0.28	0.29	16.06	ppb
Thallium	205-1	0.31	0.29	0.29	0.30	3.14	ppb
Tin	118-1	-2.52	-2.45	-2.48	-2.49		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-16LX5	Instrumnet Name :	P8
Client Sample ID :	MH1G77L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 20:40:48	DataFile Name :	154AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	31.92	31.88	33.36	32.39	2.60	ppb
Uranium	238-1	0.78	0.76	0.73	0.76	2.82	ppb
Vanadium	51-2	4.91	4.91	4.92	4.92	0.16	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				108		%
Zinc	66-2	29265.10	28297.12	27809.23	28457.15	2.60	ppb
Zirconium	90-1	0.83	0.69	0.73	0.75	9.71	ppb
Zirconium	91-1	0.78	0.72	0.78	0.76	4.28	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-19	Instrumnet Name :	P8
Client Sample ID :	MH1G77S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 20:43:45	DataFile Name :	155AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4925.08	5245.66	4997.53	5056.09	3.33	ppb
Antimony	121-1	1148.19	1198.97	1178.74	1175.30	2.18	ppb
Arsenic	75-2	1005.96	1121.32	1026.15	1051.14	5.86	ppb
Barium	135-1	493.09	539.25	524.90	519.08	4.55	ppb
Barium	137-1	508.79	542.99	533.77	528.52	3.35	ppb
Beryllium	9-1	9.94	9.81	10.25	10.00	2.22	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Boron	10-1	17.37	20.44	20.27	19.36	8.91	ppb
Boron	11-1	17.81	19.09	20.26	19.06	6.43	ppb
Bromine	81-1						cps
Cadmium	111-1	526.20	571.45	548.23	548.62	4.12	ppb
Cadmium	106-1	479.10	515.09	485.15	493.11	3.91	ppb
Cadmium	108-1	497.62	510.84	498.28	502.25	1.48	ppb
Calcium	43-1	31689.40	33333.14	31765.77	32262.77	2.88	ppb
Calcium	44-1	31566.50	32765.80	31889.30	32073.87	1.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	56.43	60.35	56.61	57.80	3.82	ppb
Cobalt	59-2	108.53	117.36	109.46	111.78	4.34	ppb
Copper	63-2	2311.45	2505.52	2354.79	2390.59	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				108		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				103		%
Iron	54-2	30529.59	32610.63	31153.39	31431.20	3.40	ppb
Iron	56-2	30131.97	32394.95	29998.19	30841.70	4.37	ppb
Iron	57-2	29627.39	32023.57	29253.37	30301.45	4.96	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-19	Instrumnet Name :	P8
Client Sample ID :	MH1G77S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 20:43:45	DataFile Name :	155AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	26566.52	27776.13	28357.90	27566.85	3.31	ppb
Lead	207-1	26260.24	27692.56	27810.25	27254.35	3.17	ppb
Lead	208-1	26387.19	27576.49	28183.93	27382.54	3.34	ppb
Lithium	6-1				116		%
Magnesium	24-2	10603.32	11167.58	10457.49	10742.79	3.49	ppb
Manganese	55-2	5510.59	6090.61	5731.53	5777.57	5.07	ppb
Molybdenum	94-1	9.96	9.73	9.66	9.78	1.58	ppb
Molybdenum	95-1	5.95	6.32	6.28	6.19	3.29	ppb
Molybdenum	96-1	6.60	6.88	6.83	6.77	2.27	ppb
Molybdenum	97-1	5.87	6.28	6.55	6.23	5.51	ppb
Molybdenum	98-1	5.69	6.16	6.27	6.04	5.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	115.81	122.68	116.34	118.28	3.23	ppb
Phosphorus	31-2	2273.13	2533.29	2246.19	2350.87	6.74	ppb
Potassium	39-2	426.12	475.00	449.97	450.36	5.43	ppb
Rhodium	103-1				104		%
Rhodium	103-2				106		%
Scandium	45-1				109		%
Scandium	45-2				109		%
Selenium	82-1	29.43	33.91	33.23	32.19	7.50	ppb
Selenium	77-2	38.09	51.59	40.33	43.33	16.70	ppb
Selenium	78-2	33.97	35.43	32.54	33.98	4.26	ppb
Silicon	28-1	2352.64	2404.30	2238.64	2331.86	3.63	ppb
Silver	107-1	201.49	214.74	211.25	209.16	3.28	ppb
Silver	109-1	208.13	212.70	211.48	210.77	1.12	ppb
Sodium	23-2	1147.31	1262.68	1223.18	1211.06	4.84	ppb
Strontium	86-1	55.21	56.30	56.33	55.94	1.14	ppb
Strontium	88-1	53.59	56.53	56.37	55.49	2.98	ppb
Sulfur	34-1	19122.35	20120.13	18458.30	19233.60	4.35	ppb
Terbium	159-1				104		%
Terbium	159-2				106		%
Thallium	203-1	11.09	10.94	11.71	11.25	3.60	ppb
Thallium	205-1	11.08	11.46	12.03	11.52	4.15	ppb
Tin	118-1	1.07	1.54	1.47	1.36	18.48	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-19	Instrumnet Name :	P8
Client Sample ID :	MH1G77S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 20:43:45	DataFile Name :	155AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	132.95	142.54	132.16	135.88	4.25	ppb
Uranium	238-1	3.29	3.37	3.51	3.39	3.30	ppb
Vanadium	51-2	121.03	133.25	122.48	125.59	5.32	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				110		%
Zinc	66-2	101526.59	111387.76	103652.03	105522.13	4.92	ppb
Zirconium	90-1	2.54	2.67	2.67	2.63	2.74	ppb
Zirconium	91-1	2.61	2.87	2.67	2.72	4.99	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5000-01A	Instrumnet Name :	P8
Client Sample ID :	A0BA4A	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 20:46:43	DataFile Name :	156AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12103.57	11982.26	11948.21	12011.35	0.68	ppb
Antimony	121-1	5.19	5.18	4.82	5.06	4.18	ppb
Arsenic	75-2	3.43	3.52	3.92	3.62	7.29	ppb
Barium	135-1	103.55	100.29	96.94	100.26	3.30	ppb
Barium	137-1	101.50	99.75	95.31	98.85	3.23	ppb
Beryllium	9-1	1.01	1.01	0.99	1.00	1.26	ppb
Bismuth	209-1				102		%
Bismuth	209-2				105		%
Boron	10-1	5.66	5.14	5.97	5.59	7.52	ppb
Boron	11-1	5.11	5.10	5.13	5.11	0.32	ppb
Bromine	81-1						cps
Cadmium	111-1	0.66	0.62	0.62	0.63	3.72	ppb
Cadmium	106-1	1.64	4.83	-0.39	2.03	129.68	ppb
Cadmium	108-1	0.38	0.50	0.92	0.60	46.66	ppb
Calcium	43-1	14146.45	14130.23	13774.10	14016.93	1.50	ppb
Calcium	44-1	14485.25	14025.35	13950.39	14153.66	2.05	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	12.91	12.98	12.86	12.91	0.45	ppb
Cobalt	59-2	6.24	6.38	6.13	6.25	2.04	ppb
Copper	63-2	13.14	13.19	13.10	13.15	0.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				107		%
Indium	115-1				102		%
Indium	115-2				105		%
Iron	54-2	19249.79	19168.70	19393.68	19270.72	0.59	ppb
Iron	56-2	19652.51	19995.15	19910.81	19852.83	0.90	ppb
Iron	57-2	19763.44	18968.42	19277.46	19336.44	2.07	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5000-01A	Instrumnet Name :	P8
Client Sample ID :	A0BA4A	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 20:46:43	DataFile Name :	156AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	61.28	57.04	54.63	57.65	5.84	ppb
Lead	207-1	57.32	54.42	52.55	54.76	4.39	ppb
Lead	208-1	58.94	55.95	52.79	55.89	5.49	ppb
Lithium	6-1				110		%
Magnesium	24-2	3232.90	3239.94	3238.29	3237.04	0.11	ppb
Manganese	55-2	1206.99	1219.95	1197.19	1208.04	0.94	ppb
Molybdenum	94-1	2.30	2.15	2.42	2.29	5.78	ppb
Molybdenum	95-1	0.92	0.95	0.99	0.96	3.97	ppb
Molybdenum	96-1	1.16	1.29	1.21	1.22	5.10	ppb
Molybdenum	97-1	1.05	0.95	0.86	0.95	10.03	ppb
Molybdenum	98-1	0.96	0.86	0.90	0.91	5.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.13	8.07	7.74	7.98	2.61	ppb
Phosphorus	31-2	448.24	570.29	465.34	494.63	13.36	ppb
Potassium	39-2	1485.51	1472.44	1458.96	1472.30	0.90	ppb
Rhodium	103-1				101		%
Rhodium	103-2				110		%
Scandium	45-1				106		%
Scandium	45-2				112		%
Selenium	82-1	0.74	1.34	2.20	1.43	51.22	ppb
Selenium	77-2	48.70	47.09	35.06	43.62	17.08	ppb
Selenium	78-2	5.49	7.34	7.71	6.85	17.33	ppb
Silicon	28-1	3635.56	3425.34	3310.05	3456.98	4.77	ppb
Silver	107-1	2.62	2.54	2.25	2.47	7.96	ppb
Silver	109-1	2.67	2.40	2.44	2.50	6.01	ppb
Sodium	23-2	212.13	212.77	216.99	213.96	1.24	ppb
Strontium	86-1	25.36	24.39	24.22	24.66	2.49	ppb
Strontium	88-1	25.34	24.65	24.09	24.69	2.55	ppb
Sulfur	34-1	270.90	5.81	-446.95	-56.75		ppb
Terbium	159-1				102		%
Terbium	159-2				104		%
Thallium	203-1	0.00	-0.02	-0.02	-0.01		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	-1.78	-1.85	-2.03	-1.89		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5000-01A	Instrumnet Name :	P8
Client Sample ID :	A0BA4A	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 20:46:43	DataFile Name :	156AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	631.52	631.07	605.07	622.56	2.43	ppb
Uranium	238-1	2.62	2.51	2.49	2.54	2.70	ppb
Vanadium	51-2	21.21	21.20	20.94	21.12	0.72	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				113		%
Zinc	66-2	134.55	123.18	124.69	127.48	4.85	ppb
Zirconium	90-1	0.77	0.77	0.80	0.78	2.39	ppb
Zirconium	91-1	0.77	0.73	0.71	0.74	4.03	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-04DLX10	Instrumnet Name :	P8
Client Sample ID :	MH1G65	Dilution Factor :	10
Date & Time Acquired ::	2021-12-16 20:50:52	DataFile Name :	157AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	590.02	586.58	577.04	584.55	1.15	ppb
Antimony	121-1	26.00	24.92	24.57	25.16	2.97	ppb
Arsenic	75-2	58.35	59.59	57.41	58.45	1.87	ppb
Barium	135-1	10.84	10.57	10.46	10.62	1.83	ppb
Barium	137-1	10.72	10.26	10.74	10.57	2.54	ppb
Beryllium	9-1	0.00	-0.02	0.02	0.00		ppb
Bismuth	209-1				102		%
Bismuth	209-2				103		%
Boron	10-1	2.47	1.73	2.50	2.24	19.44	ppb
Boron	11-1	2.48	1.56	2.46	2.16	24.30	ppb
Bromine	81-1						cps
Cadmium	111-1	32.32	31.23	31.51	31.69	1.80	ppb
Cadmium	106-1	24.00	26.24	27.60	25.95	6.99	ppb
Cadmium	108-1	29.21	28.41	27.88	28.50	2.35	ppb
Calcium	43-1	3447.06	3589.78	3473.26	3503.37	2.17	ppb
Calcium	44-1	3435.66	3635.45	3464.17	3511.76	3.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.77	1.67	1.58	1.67	5.82	ppb
Cobalt	59-2	3.20	3.26	3.24	3.23	0.95	ppb
Copper	63-2	43.05	43.73	42.85	43.21	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				102		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				103		%
Iron	54-2	9408.29	9243.55	9192.63	9281.49	1.21	ppb
Iron	56-2	9405.40	9469.15	9201.38	9358.64	1.49	ppb
Iron	57-2	9124.67	9059.95	9138.95	9107.86	0.46	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-04DLX10	Instrumnet Name :	P8
Client Sample ID :	MH1G65	Dilution Factor :	10
Date & Time Acquired ::	2021-12-16 20:50:52	DataFile Name :	157AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1386.69	1399.91	1402.22	1396.27	0.60	ppb
Lead	207-1	1392.11	1367.21	1398.65	1385.99	1.20	ppb
Lead	208-1	1383.04	1366.09	1380.48	1376.54	0.66	ppb
Lithium	6-1				112		%
Magnesium	24-2	1148.67	1129.96	1075.92	1118.18	3.38	ppb
Manganese	55-2	461.73	464.80	445.16	457.23	2.31	ppb
Molybdenum	94-1	0.92	1.05	1.10	1.02	9.08	ppb
Molybdenum	95-1	0.77	0.79	0.84	0.80	4.42	ppb
Molybdenum	96-1	0.87	0.89	0.87	0.88	1.31	ppb
Molybdenum	97-1	0.76	0.85	0.82	0.81	6.08	ppb
Molybdenum	98-1	0.85	0.79	0.76	0.80	5.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.00	2.10	1.89	2.00	5.40	ppb
Phosphorus	31-2	202.15	232.20	305.37	246.57	21.53	ppb
Potassium	39-2	67.47	62.26	57.96	62.56	7.62	ppb
Rhodium	103-1				103		%
Rhodium	103-2				108		%
Scandium	45-1				104		%
Scandium	45-2				109		%
Selenium	82-1	3.47	2.75	1.29	2.51	44.36	ppb
Selenium	77-2	12.15	4.13	2.70	6.33	80.54	ppb
Selenium	78-2	4.77	4.58	2.51	3.95	31.63	ppb
Silicon	28-1	190.25	202.40	190.07	194.24	3.64	ppb
Silver	107-1	4.51	4.30	4.33	4.38	2.61	ppb
Silver	109-1	4.35	4.43	4.34	4.38	1.16	ppb
Sodium	23-2	83.11	90.81	79.66	84.53	6.75	ppb
Strontium	86-1	7.74	7.65	8.01	7.80	2.43	ppb
Strontium	88-1	7.76	7.84	7.69	7.77	0.95	ppb
Sulfur	34-1	6816.11	7298.42	6616.58	6910.37	5.07	ppb
Terbium	159-1				102		%
Terbium	159-2				105		%
Thallium	203-1	0.07	0.04	0.02	0.05	52.62	ppb
Thallium	205-1	0.09	0.04	0.06	0.06	38.30	ppb
Tin	118-1	-2.85	-2.88	-2.79	-2.84		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-04DLX10	Instrumnet Name :	P8
Client Sample ID :	MH1G65	Dilution Factor :	10
Date & Time Acquired ::	2021-12-16 20:50:52	DataFile Name :	157AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	11.65	11.56	11.97	11.73	1.84	ppb
Uranium	238-1	0.20	0.23	0.19	0.21	8.32	ppb
Vanadium	51-2	2.39	2.40	2.52	2.44	2.97	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				107		%
Zinc	66-2	5169.93	5155.50	5030.00	5118.48	1.50	ppb
Zirconium	90-1	0.17	0.17	0.20	0.18	8.83	ppb
Zirconium	91-1	0.27	0.23	0.19	0.23	18.70	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-05DLX5	Instrumnet Name :	P8
Client Sample ID :	MH1G66	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 20:53:55	DataFile Name :	158AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1085.47	1104.90	1086.62	1092.33	1.00	ppb
Antimony	121-1	39.02	38.48	39.44	38.98	1.23	ppb
Arsenic	75-2	73.38	71.74	72.30	72.47	1.15	ppb
Barium	135-1	20.67	20.88	21.21	20.92	1.31	ppb
Barium	137-1	21.30	20.72	21.13	21.05	1.42	ppb
Beryllium	9-1	0.03	0.05	0.03	0.04	37.00	ppb
Bismuth	209-1				102		%
Bismuth	209-2				106		%
Boron	10-1	2.60	1.88	2.44	2.30	16.34	ppb
Boron	11-1	2.30	2.54	2.29	2.38	5.89	ppb
Bromine	81-1						cps
Cadmium	111-1	24.89	24.16	23.76	24.27	2.38	ppb
Cadmium	106-1	23.87	21.78	19.48	21.71	10.11	ppb
Cadmium	108-1	22.07	20.87	21.60	21.51	2.81	ppb
Calcium	43-1	6944.12	6878.00	7169.59	6997.24	2.18	ppb
Calcium	44-1	7035.14	7138.13	7101.21	7091.49	0.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.31	3.16	3.11	3.20	3.30	ppb
Cobalt	59-2	3.77	3.80	3.81	3.79	0.61	ppb
Copper	63-2	106.94	108.81	106.51	107.42	1.14	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				105		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				106		%
Iron	54-2	11319.76	11598.75	11421.43	11446.65	1.23	ppb
Iron	56-2	12149.99	12054.66	11947.80	12050.82	0.84	ppb
Iron	57-2	11611.62	11767.99	11690.07	11689.89	0.67	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-05DLX5	Instrumnet Name :	P8
Client Sample ID :	MH1G66	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 20:53:55	DataFile Name :	158AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1724.49	1689.46	1704.06	1706.00	1.03	ppb
Lead	207-1	1716.08	1736.74	1734.39	1729.07	0.65	ppb
Lead	208-1	1720.15	1723.78	1723.40	1722.44	0.12	ppb
Lithium	6-1				109		%
Magnesium	24-2	1801.22	1784.93	1762.35	1782.83	1.09	ppb
Manganese	55-2	517.46	518.61	513.51	516.53	0.52	ppb
Molybdenum	94-1	0.81	0.83	0.76	0.80	5.06	ppb
Molybdenum	95-1	0.49	0.42	0.43	0.45	9.12	ppb
Molybdenum	96-1	0.55	0.53	0.52	0.53	3.45	ppb
Molybdenum	97-1	0.45	0.50	0.43	0.46	7.87	ppb
Molybdenum	98-1	0.40	0.44	0.38	0.41	6.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.43	3.48	3.44	3.45	0.81	ppb
Phosphorus	31-2	536.90	360.75	490.52	462.72	19.73	ppb
Potassium	39-2	146.33	142.47	148.23	145.68	2.02	ppb
Rhodium	103-1				102		%
Rhodium	103-2				109		%
Scandium	45-1				106		%
Scandium	45-2				110		%
Selenium	82-1	3.71	3.69	4.11	3.84	6.23	ppb
Selenium	77-2	10.55	7.96	3.98	7.50	44.08	ppb
Selenium	78-2	4.43	3.68	3.45	3.85	13.28	ppb
Silicon	28-1	191.40	187.98	190.17	189.85	0.92	ppb
Silver	107-1	10.37	10.50	10.62	10.50	1.21	ppb
Silver	109-1	10.69	10.19	10.78	10.55	2.98	ppb
Sodium	23-2	121.56	116.85	120.99	119.80	2.15	ppb
Strontium	86-1	12.08	12.07	11.52	11.89	2.68	ppb
Strontium	88-1	12.11	12.15	11.53	11.93	2.94	ppb
Sulfur	34-1	7935.59	7860.63	8152.33	7982.85	1.90	ppb
Terbium	159-1				101		%
Terbium	159-2				107		%
Thallium	203-1	0.47	0.46	0.45	0.46	1.58	ppb
Thallium	205-1	0.43	0.46	0.45	0.45	3.44	ppb
Tin	118-1	-2.48	-2.79	-2.63	-2.63		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-05DLX5	Instrumnet Name :	P8
Client Sample ID :	MH1G66	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 20:53:55	DataFile Name :	158AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	19.20	19.61	20.52	19.78	3.41	ppb
Uranium	238-1	0.35	0.30	0.29	0.31	10.18	ppb
Vanadium	51-2	4.56	4.43	4.33	4.44	2.60	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				110		%
Zinc	66-2	4266.69	4331.45	4218.78	4272.31	1.32	ppb
Zirconium	90-1	0.21	0.20	0.19	0.20	6.50	ppb
Zirconium	91-1	0.29	0.23	0.26	0.26	12.44	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-06DLX5	Instrumnet Name :	P8
Client Sample ID :	MH1G67	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 20:56:53	DataFile Name :	159AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1113.38	1090.10	1109.03	1104.17	1.12	ppb
Antimony	121-1	73.12	74.14	70.64	72.64	2.48	ppb
Arsenic	75-2	109.92	109.40	108.61	109.31	0.60	ppb
Barium	135-1	14.05	14.09	13.74	13.96	1.38	ppb
Barium	137-1	14.48	14.33	13.29	14.03	4.64	ppb
Beryllium	9-1	0.08	0.06	0.08	0.08	15.85	ppb
Bismuth	209-1				102		%
Bismuth	209-2				104		%
Boron	10-1	2.47	2.53	3.02	2.67	11.27	ppb
Boron	11-1	2.30	2.23	2.74	2.42	11.44	ppb
Bromine	81-1						cps
Cadmium	111-1	43.77	43.06	41.08	42.64	3.27	ppb
Cadmium	106-1	37.08	34.34	38.64	36.69	5.93	ppb
Cadmium	108-1	39.62	39.12	34.26	37.67	7.86	ppb
Calcium	43-1	18724.76	19067.50	19153.68	18981.98	1.20	ppb
Calcium	44-1	18541.15	19384.08	18596.71	18840.65	2.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.91	3.88	3.96	3.92	1.01	ppb
Cobalt	59-2	3.77	3.70	3.75	3.74	0.97	ppb
Copper	63-2	156.33	154.33	153.95	154.87	0.83	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				105		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				103		%
Iron	54-2	11081.49	11028.48	10981.21	11030.39	0.45	ppb
Iron	56-2	11539.07	11218.00	11591.09	11449.39	1.76	ppb
Iron	57-2	11393.37	10886.08	11161.06	11146.84	2.28	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-06DLX5	Instrumnet Name :	P8
Client Sample ID :	MH1G67	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 20:56:53	DataFile Name :	159AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1484.31	1433.55	1480.46	1466.11	1.93	ppb
Lead	207-1	1501.82	1483.42	1493.94	1493.06	0.62	ppb
Lead	208-1	1486.74	1450.50	1486.71	1474.65	1.42	ppb
Lithium	6-1				108		%
Magnesium	24-2	5470.27	5254.81	5270.24	5331.77	2.25	ppb
Manganese	55-2	766.03	766.63	761.52	764.72	0.36	ppb
Molybdenum	94-1	2.64	2.54	2.55	2.58	2.09	ppb
Molybdenum	95-1	1.11	1.21	1.11	1.14	4.97	ppb
Molybdenum	96-1	1.21	1.21	1.23	1.22	1.10	ppb
Molybdenum	97-1	1.18	1.06	0.95	1.06	10.54	ppb
Molybdenum	98-1	1.01	1.12	1.01	1.05	6.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.18	3.14	3.10	3.14	1.34	ppb
Phosphorus	31-2	697.59	720.31	737.93	718.61	2.81	ppb
Potassium	39-2	133.76	130.48	137.72	133.98	2.71	ppb
Rhodium	103-1				102		%
Rhodium	103-2				108		%
Scandium	45-1				107		%
Scandium	45-2				109		%
Selenium	82-1	4.13	2.97	3.94	3.68	16.87	ppb
Selenium	77-2	8.12	5.51	5.44	6.36	24.02	ppb
Selenium	78-2	2.90	2.79	4.13	3.27	22.76	ppb
Silicon	28-1	403.99	427.06	425.43	418.83	3.07	ppb
Silver	107-1	11.95	12.19	11.34	11.83	3.71	ppb
Silver	109-1	12.27	12.14	11.78	12.07	2.08	ppb
Sodium	23-2	100.85	107.98	103.55	104.13	3.45	ppb
Strontium	86-1	17.21	17.24	16.20	16.88	3.48	ppb
Strontium	88-1	17.08	17.14	16.36	16.86	2.56	ppb
Sulfur	34-1	8717.96	9374.33	8660.57	8917.62	4.45	ppb
Terbium	159-1				103		%
Terbium	159-2				106		%
Thallium	203-1	0.96	0.89	1.02	0.95	6.59	ppb
Thallium	205-1	1.00	0.99	1.05	1.01	3.26	ppb
Tin	118-1	-3.43	-3.40	-3.48	-3.44		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-06DLX5	Instrumnet Name :	P8
Client Sample ID :	MH1G67	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 20:56:53	DataFile Name :	159AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	22.13	23.56	22.49	22.73	3.27	ppb
Uranium	238-1	0.47	0.47	0.44	0.46	3.36	ppb
Vanadium	51-2	4.03	4.00	3.97	4.00	0.83	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				107		%
Zinc	66-2	7820.34	7715.28	7744.80	7760.14	0.70	ppb
Zirconium	90-1	0.90	0.89	0.87	0.89	1.91	ppb
Zirconium	91-1	0.91	1.06	0.88	0.95	10.07	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-07DLX2	Instrumnet Name :	P8
Client Sample ID :	MH1G68	Dilution Factor :	2
Date & Time Acquired ::	2021-12-16 20:59:54	DataFile Name :	160AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2106.30	2113.09	2109.11	2109.50	0.16	ppb
Antimony	121-1	582.24	571.90	558.70	570.94	2.07	ppb
Arsenic	75-2	640.24	641.46	632.35	638.01	0.78	ppb
Barium	135-1	62.64	62.30	61.98	62.31	0.53	ppb
Barium	137-1	62.65	63.39	62.38	62.81	0.83	ppb
Beryllium	9-1	0.13	0.13	0.11	0.12	7.36	ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Boron	10-1	6.64	8.43	8.12	7.73	12.37	ppb
Boron	11-1	6.34	7.32	7.35	7.00	8.24	ppb
Bromine	81-1						cps
Cadmium	111-1	292.53	290.72	288.48	290.58	0.70	ppb
Cadmium	106-1	253.00	260.29	263.27	258.85	2.04	ppb
Cadmium	108-1	262.90	264.13	260.65	262.56	0.67	ppb
Calcium	43-1	15624.35	15378.11	15007.28	15336.58	2.03	ppb
Calcium	44-1	15898.50	15401.33	14625.61	15308.48	4.19	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7.29	7.29	7.09	7.22	1.59	ppb
Cobalt	59-2	4.30	4.39	4.25	4.31	1.67	ppb
Copper	63-2	1353.11	1362.45	1339.63	1351.73	0.85	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				107		%
Holmium	165-2				107		%
Indium	115-1				108		%
Indium	115-2				105		%
Iron	54-2	15674.40	15999.34	16132.52	15935.42	1.48	ppb
Iron	56-2	16110.40	16085.47	16402.22	16199.36	1.09	ppb
Iron	57-2	15901.92	15637.11	16304.40	15947.81	2.11	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-07DLX2	Instrumnet Name :	P8
Client Sample ID :	MH1G68	Dilution Factor :	2
Date & Time Acquired ::	2021-12-16 20:59:54	DataFile Name :	160AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	15844.10	15985.20	16203.88	16011.06	1.13	ppb
Lead	207-1	15866.52	16062.01	15924.79	15951.11	0.63	ppb
Lead	208-1	15974.38	16064.88	15986.13	16008.46	0.31	ppb
Lithium	6-1				112		%
Magnesium	24-2	4970.45	4879.34	4861.62	4903.80	1.19	ppb
Manganese	55-2	2999.91	3019.39	3069.34	3029.55	1.18	ppb
Molybdenum	94-1	5.82	6.04	5.55	5.80	4.23	ppb
Molybdenum	95-1	3.72	3.76	3.51	3.67	3.69	ppb
Molybdenum	96-1	3.89	3.88	3.88	3.89	0.11	ppb
Molybdenum	97-1	3.96	3.65	3.79	3.80	4.01	ppb
Molybdenum	98-1	3.75	3.72	3.71	3.72	0.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.11	4.97	4.86	4.98	2.51	ppb
Phosphorus	31-2	997.12	1158.94	1057.08	1071.04	7.64	ppb
Potassium	39-2	196.06	195.83	203.58	198.49	2.22	ppb
Rhodium	103-1				107		%
Rhodium	103-2				108		%
Scandium	45-1				108		%
Scandium	45-2				111		%
Selenium	82-1	5.91	6.28	5.14	5.78	10.03	ppb
Selenium	77-2	10.60	9.56	11.81	10.66	10.55	ppb
Selenium	78-2	5.99	9.05	6.00	7.01	25.21	ppb
Silicon	28-1	1660.15	1500.48	1456.11	1538.92	6.97	ppb
Silver	107-1	64.36	65.76	64.95	65.02	1.08	ppb
Silver	109-1	64.78	66.02	65.00	65.27	1.01	ppb
Sodium	23-2	715.60	702.59	728.84	715.68	1.83	ppb
Strontium	86-1	27.68	27.93	28.07	27.89	0.70	ppb
Strontium	88-1	27.78	28.24	27.65	27.89	1.10	ppb
Sulfur	34-1	11905.69	11209.36	10374.25	11163.10	6.87	ppb
Terbium	159-1				105		%
Terbium	159-2				108		%
Thallium	203-1	0.47	0.44	0.47	0.46	3.38	ppb
Thallium	205-1	0.44	0.43	0.46	0.44	2.89	ppb
Tin	118-1	-1.32	-0.93	-1.06	-1.10		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-07DLX2	Instrumnet Name :	P8
Client Sample ID :	MH1G68	Dilution Factor :	2
Date & Time Acquired ::	2021-12-16 20:59:54	DataFile Name :	160AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	47.50	47.55	44.93	46.66	3.21	ppb
Uranium	238-1	1.66	1.60	1.67	1.64	2.40	ppb
Vanadium	51-2	12.14	12.44	12.56	12.38	1.74	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	61822.12	61553.69	61575.95	61650.59	0.24	ppb
Zirconium	90-1	1.40	1.39	1.39	1.39	0.34	ppb
Zirconium	91-1	1.43	1.33	1.63	1.46	10.38	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-07DL2X20	Instrumnet Name :	P8
Client Sample ID :	MH1G68	Dilution Factor :	20
Date & Time Acquired ::	2021-12-16 21:02:49	DataFile Name :	161AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	208.09	201.95	207.59	205.87	1.66	ppb
Antimony	121-1	56.50	56.88	55.69	56.36	1.08	ppb
Arsenic	75-2	63.43	61.88	61.01	62.11	1.97	ppb
Barium	135-1	6.30	6.12	6.36	6.26	1.93	ppb
Barium	137-1	6.31	6.29	6.22	6.27	0.76	ppb
Beryllium	9-1	-0.04	-0.04	-0.03	-0.04		ppb
Bismuth	209-1				103		%
Bismuth	209-2				104		%
Boron	10-1	1.93	1.55	1.88	1.79	11.52	ppb
Boron	11-1	1.35	1.63	1.46	1.48	9.57	ppb
Bromine	81-1						cps
Cadmium	111-1	28.67	29.26	29.03	28.99	1.03	ppb
Cadmium	106-1	26.20	29.54	25.30	27.02	8.26	ppb
Cadmium	108-1	25.06	26.98	27.34	26.46	4.62	ppb
Calcium	43-1	1483.54	1442.23	1535.64	1487.14	3.15	ppb
Calcium	44-1	1496.90	1453.76	1512.24	1487.64	2.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.68	0.65	0.75	0.70	7.28	ppb
Cobalt	59-2	0.42	0.40	0.39	0.41	3.36	ppb
Copper	63-2	129.60	127.90	130.46	129.32	1.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				104		%
Iron	54-2	1547.03	1539.09	1543.84	1543.32	0.26	ppb
Iron	56-2	1619.24	1650.68	1663.20	1644.38	1.38	ppb
Iron	57-2	1598.08	1562.44	1558.56	1573.03	1.38	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-07DL2X20	Instrumnet Name :	P8
Client Sample ID :	MH1G68	Dilution Factor :	20
Date & Time Acquired ::	2021-12-16 21:02:49	DataFile Name :	161AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1582.06	1589.04	1553.62	1574.91	1.19	ppb
Lead	207-1	1560.37	1597.60	1542.00	1566.66	1.81	ppb
Lead	208-1	1551.16	1588.34	1549.90	1563.13	1.40	ppb
Lithium	6-1				109		%
Magnesium	24-2	488.91	480.27	498.67	489.28	1.88	ppb
Manganese	55-2	293.42	292.62	290.97	292.34	0.43	ppb
Molybdenum	94-1	0.52	0.52	0.54	0.53	2.23	ppb
Molybdenum	95-1	0.40	0.27	0.35	0.34	18.92	ppb
Molybdenum	96-1	0.33	0.36	0.46	0.38	16.93	ppb
Molybdenum	97-1	0.29	0.37	0.32	0.33	12.59	ppb
Molybdenum	98-1	0.35	0.36	0.33	0.35	3.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.50	0.49	0.49	0.49	1.47	ppb
Phosphorus	31-2	39.60	96.24	37.71	57.85	57.50	ppb
Potassium	39-2	13.84	17.19	16.36	15.80	11.06	ppb
Rhodium	103-1				104		%
Rhodium	103-2				109		%
Scandium	45-1				106		%
Scandium	45-2				109		%
Selenium	82-1	0.89	0.48	1.07	0.81	37.15	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	2.09	0.40	1.62	1.37	63.39	ppb
Silicon	28-1	144.97	126.69	145.15	138.94	7.64	ppb
Silver	107-1	6.45	6.82	6.55	6.60	2.92	ppb
Silver	109-1	6.44	6.69	6.35	6.49	2.70	ppb
Sodium	23-2	96.98	98.13	96.16	97.09	1.02	ppb
Strontium	86-1	2.76	2.84	2.78	2.79	1.49	ppb
Strontium	88-1	2.68	2.72	2.80	2.73	2.32	ppb
Sulfur	34-1	1319.23	769.16	1341.99	1143.46	28.37	ppb
Terbium	159-1				99		%
Terbium	159-2				105		%
Thallium	203-1	-0.12	-0.14	-0.15	-0.13		ppb
Thallium	205-1	-0.15	-0.14	-0.16	-0.15		ppb
Tin	118-1	-3.52	-3.52	-3.58	-3.54		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-07DL2X20	Instrumnet Name :	P8
Client Sample ID :	MH1G68	Dilution Factor :	20
Date & Time Acquired ::	2021-12-16 21:02:49	DataFile Name :	161AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.63	4.40	5.28	4.77	9.59	ppb
Uranium	238-1	0.16	0.16	0.15	0.16	2.62	ppb
Vanadium	51-2	1.14	1.32	1.32	1.26	8.36	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	5874.53	5971.27	5881.96	5909.25	0.91	ppb
Zirconium	90-1	0.12	0.13	0.15	0.13	14.02	ppb
Zirconium	91-1	0.11	0.10	0.19	0.14	37.80	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-08DLX10	Instrumnet Name :	P8
Client Sample ID :	MH1G69	Dilution Factor :	10
Date & Time Acquired ::	2021-12-16 21:05:53	DataFile Name :	162AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	194.54	204.05	194.87	197.82	2.73	ppb
Antimony	121-1	30.35	28.30	29.62	29.42	3.54	ppb
Arsenic	75-2	61.56	64.65	67.66	64.62	4.72	ppb
Barium	135-1	9.14	8.49	8.75	8.79	3.72	ppb
Barium	137-1	8.90	8.78	8.59	8.76	1.76	ppb
Beryllium	9-1	-0.03	-0.04	-0.03	-0.03		ppb
Bismuth	209-1				99		%
Bismuth	209-2				107		%
Boron	10-1	0.97	0.84	1.07	0.96	11.57	ppb
Boron	11-1	0.90	0.51	0.96	0.79	30.63	ppb
Bromine	81-1						cps
Cadmium	111-1	31.20	29.92	31.32	30.82	2.53	ppb
Cadmium	106-1	25.75	27.78	27.59	27.04	4.15	ppb
Cadmium	108-1	27.77	26.31	27.96	27.35	3.32	ppb
Calcium	43-1	5957.89	5874.87	5845.49	5892.75	0.99	ppb
Calcium	44-1	5972.48	6099.62	5951.54	6007.88	1.33	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.09	1.13	0.95	1.06	8.94	ppb
Cobalt	59-2	1.05	1.10	1.13	1.10	3.50	ppb
Copper	63-2	42.60	42.62	41.64	42.28	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				101		%
Holmium	165-2				106		%
Indium	115-1				100		%
Indium	115-2				104		%
Iron	54-2	3633.78	3498.31	3490.03	3540.71	2.28	ppb
Iron	56-2	3735.76	3825.62	3634.20	3731.86	2.57	ppb
Iron	57-2	3582.71	3655.37	3514.61	3584.23	1.96	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-08DLX10	Instrumnet Name :	P8
Client Sample ID :	MH1G69	Dilution Factor :	10
Date & Time Acquired ::	2021-12-16 21:05:53	DataFile Name :	162AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1629.93	1696.17	1671.27	1665.79	2.01	ppb
Lead	207-1	1615.69	1645.94	1678.75	1646.79	1.92	ppb
Lead	208-1	1620.87	1661.39	1670.49	1650.92	1.60	ppb
Lithium	6-1				107		%
Magnesium	24-2	2056.48	2113.80	2152.59	2107.63	2.29	ppb
Manganese	55-2	517.85	535.91	507.12	520.29	2.80	ppb
Molybdenum	94-1	0.34	0.32	0.39	0.35	9.58	ppb
Molybdenum	95-1	0.21	0.17	0.22	0.20	13.59	ppb
Molybdenum	96-1	0.19	0.18	0.18	0.19	2.34	ppb
Molybdenum	97-1	0.16	0.18	0.19	0.18	6.61	ppb
Molybdenum	98-1	0.17	0.17	0.17	0.17	1.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.89	0.94	0.78	0.87	9.36	ppb
Phosphorus	31-2	261.06	249.17	156.62	222.28	25.72	ppb
Potassium	39-2	33.85	32.86	34.89	33.87	2.99	ppb
Rhodium	103-1				101		%
Rhodium	103-2				110		%
Scandium	45-1				102		%
Scandium	45-2				108		%
Selenium	82-1	1.17	0.95	1.28	1.13	14.83	ppb
Selenium	77-2	3.90	5.30	0.00	3.07	89.55	ppb
Selenium	78-2	1.02	1.47	0.98	1.16	23.66	ppb
Silicon	28-1	147.42	147.79	145.64	146.95	0.78	ppb
Silver	107-1	5.52	5.42	5.52	5.49	1.06	ppb
Silver	109-1	5.92	5.42	5.45	5.60	4.99	ppb
Sodium	23-2	54.77	62.38	55.21	57.45	7.44	ppb
Strontium	86-1	5.67	5.85	5.89	5.80	1.98	ppb
Strontium	88-1	5.45	5.47	5.51	5.48	0.56	ppb
Sulfur	34-1	3872.72	3476.93	3279.51	3543.05	8.53	ppb
Terbium	159-1				98		%
Terbium	159-2				106		%
Thallium	203-1	0.14	0.10	0.09	0.11	24.48	ppb
Thallium	205-1	0.09	0.12	0.08	0.10	18.05	ppb
Tin	118-1	-3.36	-3.42	-3.42	-3.40		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-08DLX10	Instrumnet Name :	P8
Client Sample ID :	MH1G69	Dilution Factor :	10
Date & Time Acquired ::	2021-12-16 21:05:53	DataFile Name :	162AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	7.05	6.83	6.39	6.76	4.99	ppb
Uranium	238-1	0.20	0.18	0.18	0.19	7.35	ppb
Vanadium	51-2	1.13	1.09	1.06	1.10	3.30	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				110		%
Zinc	66-2	6546.05	6739.01	6371.33	6552.13	2.81	ppb
Zirconium	90-1	0.16	0.14	0.15	0.15	5.66	ppb
Zirconium	91-1	0.17	0.14	0.14	0.15	11.11	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-09DLX4	Instrumnet Name :	P8
Client Sample ID :	MH1G70	Dilution Factor :	4
Date & Time Acquired ::	2021-12-16 21:08:52	DataFile Name :	163AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	858.63	838.39	817.99	838.34	2.42	ppb
Antimony	121-1	33.12	34.61	34.89	34.21	2.79	ppb
Arsenic	75-2	60.38	61.71	58.61	60.23	2.58	ppb
Barium	135-1	14.91	15.42	15.59	15.31	2.32	ppb
Barium	137-1	14.29	15.45	15.61	15.12	4.73	ppb
Beryllium	9-1	0.00	-0.01	0.04	0.01	250.07	ppb
Bismuth	209-1				101		%
Bismuth	209-2				103		%
Boron	10-1	1.07	1.49	1.48	1.35	17.91	ppb
Boron	11-1	0.87	1.02	1.00	0.96	8.55	ppb
Bromine	81-1						cps
Cadmium	111-1	35.61	37.37	37.55	36.85	2.91	ppb
Cadmium	106-1	32.56	35.23	29.06	32.28	9.59	ppb
Cadmium	108-1	33.51	33.44	33.03	33.33	0.79	ppb
Calcium	43-1	12038.79	11878.64	12222.97	12046.80	1.43	ppb
Calcium	44-1	11570.22	11759.99	12431.79	11920.66	3.80	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.66	2.71	2.51	2.63	4.01	ppb
Cobalt	59-2	3.55	3.41	3.44	3.47	2.18	ppb
Copper	63-2	86.17	88.07	84.46	86.23	2.10	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				103		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				103		%
Iron	54-2	8834.76	8757.25	8646.62	8746.21	1.08	ppb
Iron	56-2	9118.99	9038.26	8547.44	8901.56	3.47	ppb
Iron	57-2	8780.56	8843.55	8415.38	8679.83	2.66	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-09DLX4	Instrumnet Name :	P8
Client Sample ID :	MH1G70	Dilution Factor :	4
Date & Time Acquired ::	2021-12-16 21:08:52	DataFile Name :	163AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1327.23	1350.25	1431.60	1369.69	4.00	ppb
Lead	207-1	1328.72	1341.16	1409.76	1359.88	3.21	ppb
Lead	208-1	1326.71	1324.10	1389.89	1346.90	2.77	ppb
Lithium	6-1				109		%
Magnesium	24-2	2609.52	2650.62	2494.09	2584.74	3.14	ppb
Manganese	55-2	663.69	660.53	632.97	652.40	2.59	ppb
Molybdenum	94-1	1.27	1.19	1.30	1.25	4.64	ppb
Molybdenum	95-1	1.05	1.14	1.11	1.10	3.88	ppb
Molybdenum	96-1	0.99	1.24	1.24	1.16	12.36	ppb
Molybdenum	97-1	1.13	1.03	1.10	1.09	4.71	ppb
Molybdenum	98-1	1.00	0.97	1.16	1.04	9.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.36	2.20	2.43	2.33	5.03	ppb
Phosphorus	31-2	446.47	421.30	376.99	414.92	8.48	ppb
Potassium	39-2	126.29	141.42	126.42	131.38	6.62	ppb
Rhodium	103-1				102		%
Rhodium	103-2				107		%
Scandium	45-1				103		%
Scandium	45-2				108		%
Selenium	82-1	2.92	1.79	1.75	2.15	30.83	ppb
Selenium	77-2	4.08	5.52	5.40	5.00	15.91	ppb
Selenium	78-2	3.77	3.40	3.82	3.66	6.27	ppb
Silicon	28-1	145.67	143.44	151.92	147.01	2.99	ppb
Silver	107-1	7.22	7.55	7.63	7.47	2.96	ppb
Silver	109-1	7.19	7.61	7.53	7.44	3.02	ppb
Sodium	23-2	146.80	145.26	147.63	146.56	0.82	ppb
Strontium	86-1	16.42	16.73	17.44	16.86	3.09	ppb
Strontium	88-1	15.71	16.58	17.75	16.68	6.11	ppb
Sulfur	34-1	7639.81	7235.62	7835.78	7570.41	4.04	ppb
Terbium	159-1				100		%
Terbium	159-2				104		%
Thallium	203-1	0.39	0.32	0.38	0.36	10.89	ppb
Thallium	205-1	0.36	0.35	0.37	0.36	2.17	ppb
Tin	118-1	-3.47	-3.34	-3.33	-3.38		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-09DLX4	Instrumnet Name :	P8
Client Sample ID :	MH1G70	Dilution Factor :	4
Date & Time Acquired ::	2021-12-16 21:08:52	DataFile Name :	163AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	22.18	21.23	23.37	22.26	4.83	ppb
Uranium	238-1	0.29	0.31	0.31	0.30	3.34	ppb
Vanadium	51-2	2.74	2.77	2.55	2.68	4.47	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				107		%
Zinc	66-2	5836.99	5710.97	5602.65	5716.87	2.05	ppb
Zirconium	90-1	0.18	0.21	0.17	0.18	11.28	ppb
Zirconium	91-1	0.21	0.20	0.36	0.26	34.06	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-10DLX5	Instrumnet Name :	P8
Client Sample ID :	MH1G71	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 21:11:53	DataFile Name :	164AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	530.38	552.10	543.36	541.94	2.02	ppb
Antimony	121-1	57.68	61.39	58.42	59.16	3.32	ppb
Arsenic	75-2	94.06	98.04	95.92	96.01	2.08	ppb
Barium	135-1	10.37	11.08	10.74	10.73	3.30	ppb
Barium	137-1	10.11	10.79	10.66	10.52	3.48	ppb
Beryllium	9-1	-0.01	0.02	0.00	0.00	562.98	ppb
Bismuth	209-1				96		%
Bismuth	209-2				103		%
Boron	10-1	3.61	5.29	4.52	4.47	18.85	ppb
Boron	11-1	4.23	4.47	4.72	4.47	5.41	ppb
Bromine	81-1						cps
Cadmium	111-1	37.50	39.73	39.69	38.97	3.28	ppb
Cadmium	106-1	42.25	35.50	36.18	37.98	9.79	ppb
Cadmium	108-1	36.11	36.11	32.90	35.04	5.28	ppb
Calcium	43-1	14042.18	15316.92	14991.40	14783.50	4.48	ppb
Calcium	44-1	13870.98	15375.49	14976.90	14741.13	5.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.81	2.93	2.98	2.90	2.96	ppb
Cobalt	59-2	1.26	1.28	1.18	1.24	4.01	ppb
Copper	63-2	91.70	93.97	92.41	92.69	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				96		%
Holmium	165-2				104		%
Indium	115-1				98		%
Indium	115-2				103		%
Iron	54-2	4481.93	4565.92	4473.86	4507.24	1.13	ppb
Iron	56-2	4648.26	4744.10	4595.40	4662.58	1.62	ppb
Iron	57-2	4455.88	4643.44	4456.87	4518.73	2.39	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-10DLX5	Instrumnet Name :	P8
Client Sample ID :	MH1G71	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 21:11:53	DataFile Name :	164AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1719.25	1932.51	1739.78	1797.18	6.55	ppb
Lead	207-1	1739.38	1951.71	1754.26	1815.11	6.53	ppb
Lead	208-1	1718.35	1928.91	1765.49	1804.25	6.12	ppb
Lithium	6-1				106		%
Magnesium	24-2	4029.69	4076.58	4045.83	4050.70	0.59	ppb
Manganese	55-2	751.67	766.49	755.24	757.80	1.02	ppb
Molybdenum	94-1	3.01	3.44	2.96	3.14	8.55	ppb
Molybdenum	95-1	2.60	2.98	2.57	2.71	8.42	ppb
Molybdenum	96-1	2.55	2.79	2.61	2.65	4.73	ppb
Molybdenum	97-1	2.49	2.85	2.85	2.73	7.54	ppb
Molybdenum	98-1	2.59	2.97	2.75	2.77	6.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.14	2.18	2.13	2.15	1.28	ppb
Phosphorus	31-2	476.63	595.24	526.18	532.68	11.18	ppb
Potassium	39-2	65.02	75.47	60.79	67.10	11.26	ppb
Rhodium	103-1				98		%
Rhodium	103-2				108		%
Scandium	45-1				101		%
Scandium	45-2				108		%
Selenium	82-1	3.13	2.74	3.13	3.00	7.43	ppb
Selenium	77-2	10.80	4.20	4.12	6.37	60.18	ppb
Selenium	78-2	1.93	3.14	3.00	2.69	24.66	ppb
Silicon	28-1	173.88	215.40	197.66	195.65	10.65	ppb
Silver	107-1	7.02	7.61	7.35	7.33	4.08	ppb
Silver	109-1	7.23	7.72	7.28	7.41	3.69	ppb
Sodium	23-2	84.23	88.67	80.41	84.44	4.89	ppb
Strontium	86-1	12.31	14.23	12.28	12.94	8.61	ppb
Strontium	88-1	12.45	13.72	12.37	12.85	5.89	ppb
Sulfur	34-1	2948.53	4115.42	3710.60	3591.52	16.50	ppb
Terbium	159-1				96		%
Terbium	159-2				105		%
Thallium	203-1	0.43	0.60	0.43	0.49	20.11	ppb
Thallium	205-1	0.48	0.47	0.48	0.48	1.22	ppb
Tin	118-1	-3.47	-3.46	-3.54	-3.49		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-10DLX5	Instrumnet Name :	P8
Client Sample ID :	MH1G71	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 21:11:53	DataFile Name :	164AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	21.35	22.98	23.34	22.56	4.71	ppb
Uranium	238-1	0.60	0.63	0.58	0.60	4.61	ppb
Vanadium	51-2	2.01	2.04	2.14	2.06	3.32	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				106		%
Zinc	66-2	7741.42	7810.83	7715.92	7756.06	0.63	ppb
Zirconium	90-1	0.43	0.51	0.45	0.46	9.34	ppb
Zirconium	91-1	0.47	0.56	0.49	0.51	9.12	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-11DLX5	Instrumnet Name :	P8
Client Sample ID :	MH1G72	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 21:14:50	DataFile Name :	165AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	545.30	555.83	563.48	554.87	1.64	ppb
Antimony	121-1	120.39	126.66	116.89	121.31	4.08	ppb
Arsenic	75-2	145.63	155.73	152.87	151.41	3.44	ppb
Barium	135-1	11.11	11.69	11.40	11.40	2.54	ppb
Barium	137-1	10.98	11.79	11.53	11.43	3.64	ppb
Beryllium	9-1	0.00	-0.02	-0.02	-0.01		ppb
Bismuth	209-1				104		%
Bismuth	209-2				100		%
Boron	10-1	0.99	0.54	1.24	0.92	38.27	ppb
Boron	11-1	0.56	0.73	0.95	0.75	26.45	ppb
Bromine	81-1						cps
Cadmium	111-1	28.23	28.42	26.50	27.72	3.82	ppb
Cadmium	106-1	24.64	22.82	21.87	23.11	6.11	ppb
Cadmium	108-1	23.42	25.41	26.71	25.18	6.57	ppb
Calcium	43-1	19518.16	19889.51	18867.75	19425.14	2.66	ppb
Calcium	44-1	19616.00	19367.02	18661.93	19214.98	2.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.46	4.52	4.60	4.53	1.58	ppb
Cobalt	59-2	1.08	1.11	0.99	1.06	5.90	ppb
Copper	63-2	145.75	151.53	150.04	149.10	2.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				100		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	54-2	5390.27	5575.01	5557.70	5507.66	1.85	ppb
Iron	56-2	5571.78	5803.65	5970.04	5781.82	3.46	ppb
Iron	57-2	5473.99	5793.50	5592.72	5620.07	2.87	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-11DLX5	Instrumnet Name :	P8
Client Sample ID :	MH1G72	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 21:14:50	DataFile Name :	165AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2640.47	2726.27	2477.52	2614.75	4.83	ppb
Lead	207-1	2588.48	2691.41	2485.40	2588.43	3.98	ppb
Lead	208-1	2587.37	2697.44	2510.73	2598.51	3.61	ppb
Lithium	6-1				114		%
Magnesium	24-2	5547.84	5955.18	5675.19	5726.07	3.64	ppb
Manganese	55-2	679.41	723.31	717.37	706.70	3.37	ppb
Molybdenum	94-1	1.54	1.87	1.68	1.70	9.90	ppb
Molybdenum	95-1	0.76	0.89	0.89	0.84	9.03	ppb
Molybdenum	96-1	0.89	0.94	0.96	0.93	3.92	ppb
Molybdenum	97-1	0.84	0.83	0.95	0.87	7.34	ppb
Molybdenum	98-1	0.82	0.86	0.83	0.84	2.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.94	2.12	2.19	2.08	6.13	ppb
Phosphorus	31-2	966.45	803.35	849.76	873.19	9.62	ppb
Potassium	39-2	125.52	127.24	132.33	128.36	2.76	ppb
Rhodium	103-1				106		%
Rhodium	103-2				106		%
Scandium	45-1				108		%
Scandium	45-2				104		%
Selenium	82-1	1.86	2.52	2.14	2.17	15.29	ppb
Selenium	77-2	2.72	5.79	5.68	4.73	36.84	ppb
Selenium	78-2	2.57	2.14	1.77	2.16	18.48	ppb
Silicon	28-1	125.97	122.00	122.26	123.41	1.80	ppb
Silver	107-1	17.99	18.21	17.15	17.78	3.14	ppb
Silver	109-1	17.65	18.23	17.83	17.90	1.68	ppb
Sodium	23-2	97.32	98.10	102.53	99.31	2.83	ppb
Strontium	86-1	15.29	16.40	16.35	16.01	3.91	ppb
Strontium	88-1	15.59	16.68	15.62	15.96	3.90	ppb
Sulfur	34-1	3274.21	3732.69	3154.03	3386.98	9.02	ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	0.30	0.34	0.30	0.31	7.99	ppb
Thallium	205-1	0.34	0.37	0.33	0.35	6.05	ppb
Tin	118-1	-3.30	-3.17	-3.33	-3.27		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-11DLX5	Instrumnet Name :	P8
Client Sample ID :	MH1G72	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 21:14:50	DataFile Name :	165AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	7.87	7.38	7.31	7.52	4.01	ppb
Uranium	238-1	0.60	0.63	0.60	0.61	2.64	ppb
Vanadium	51-2	2.57	2.77	2.76	2.70	4.28	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	5592.63	5719.61	5712.46	5674.90	1.26	ppb
Zirconium	90-1	0.56	0.58	0.57	0.57	1.88	ppb
Zirconium	91-1	0.61	0.64	0.57	0.61	6.36	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-12DLREX2	Instrumnet Name :	P8
Client Sample ID :	MH1G73	Dilution Factor :	2
Date & Time Acquired ::	2021-12-16 21:17:50	DataFile Name :	166AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5711.11	4895.82	4751.42	5119.45	10.11	ppb
Antimony	121-1	0.11	0.11	0.09	0.10	11.79	ppb
Arsenic	75-2	1.71	1.49	1.29	1.50	13.76	ppb
Barium	135-1	35.17	35.52	36.80	35.83	2.39	ppb
Barium	137-1	35.48	36.11	36.89	36.16	1.95	ppb
Beryllium	9-1	0.44	0.47	0.44	0.45	4.38	ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Boron	10-1	0.00	0.18	-0.03	0.05	232.15	ppb
Boron	11-1	-0.33	-0.18	-0.41	-0.31		ppb
Bromine	81-1						cps
Cadmium	111-1	0.08	0.04	0.04	0.05	37.76	ppb
Cadmium	106-1	2.02	0.71	1.56	1.43	46.45	ppb
Cadmium	108-1	-0.19	-0.18	-0.31	-0.23		ppb
Calcium	43-1	1120.67	1148.42	1162.91	1144.00	1.88	ppb
Calcium	44-1	1123.73	1154.77	1148.10	1142.20	1.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6.91	6.15	5.68	6.25	9.95	ppb
Cobalt	59-2	5.57	4.96	4.59	5.04	9.85	ppb
Copper	63-2	7.48	6.65	6.21	6.78	9.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				101		%
Indium	115-1				104		%
Indium	115-2				98		%
Iron	54-2	12237.04	10403.71	10239.33	10960.02	10.12	ppb
Iron	56-2	12321.76	10898.61	10158.53	11126.30	9.88	ppb
Iron	57-2	12084.37	10545.04	9903.75	10844.39	10.33	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-12DLREX2	Instrumnet Name :	P8
Client Sample ID :	MH1G73	Dilution Factor :	2
Date & Time Acquired ::	2021-12-16 21:17:50	DataFile Name :	166AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	6.92	6.95	6.62	6.83	2.66	ppb
Lead	207-1	6.17	6.16	6.17	6.17	0.11	ppb
Lead	208-1	6.52	6.52	6.33	6.45	1.70	ppb
Lithium	6-1				113		%
Magnesium	24-2	2361.11	2074.14	1978.03	2137.76	9.32	ppb
Manganese	55-2	260.62	237.92	225.05	241.19	7.47	ppb
Molybdenum	94-1	2.92	2.92	2.93	2.92	0.22	ppb
Molybdenum	95-1	0.50	0.55	0.54	0.53	5.12	ppb
Molybdenum	96-1	0.80	0.87	0.73	0.80	8.58	ppb
Molybdenum	97-1	0.58	0.54	0.51	0.54	6.59	ppb
Molybdenum	98-1	0.49	0.55	0.54	0.53	5.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.70	5.04	5.11	5.28	6.82	ppb
Phosphorus	31-2	431.09	274.40	267.27	324.25	28.56	ppb
Potassium	39-2	1128.72	964.42	907.50	1000.21	11.48	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				107		%
Scandium	45-2				105		%
Selenium	82-1	0.19	0.49	1.15	0.61	80.39	ppb
Selenium	77-2	17.17	10.55	19.78	15.83	30.06	ppb
Selenium	78-2	6.20	4.09	3.40	4.56	32.02	ppb
Silicon	28-1	785.16	799.52	776.07	786.92	1.50	ppb
Silver	107-1	0.18	0.14	0.10	0.14	29.83	ppb
Silver	109-1	0.17	0.14	0.10	0.14	27.87	ppb
Sodium	23-2	175.13	140.42	136.78	150.78	14.04	ppb
Strontium	86-1	5.58	5.67	5.79	5.68	1.87	ppb
Strontium	88-1	5.37	5.62	5.53	5.51	2.31	ppb
Sulfur	34-1	53.74	-87.49	-236.04	-89.93		ppb
Terbium	159-1				104		%
Terbium	159-2				99		%
Thallium	203-1	-0.11	-0.17	-0.13	-0.14		ppb
Thallium	205-1	-0.16	-0.17	-0.15	-0.16		ppb
Tin	118-1	-3.64	-3.58	-3.61	-3.61		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-12DLREX2	Instrumnet Name :	P8
Client Sample ID :	MH1G73	Dilution Factor :	2
Date & Time Acquired ::	2021-12-16 21:17:50	DataFile Name :	166AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	299.76	312.39	307.98	306.71	2.09	ppb
Uranium	238-1	1.22	1.14	1.25	1.21	4.56	ppb
Vanadium	51-2	13.10	11.24	10.88	11.74	10.11	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	65.94	56.81	54.68	59.15	10.11	ppb
Zirconium	90-1	1.28	1.33	1.33	1.31	2.01	ppb
Zirconium	91-1	1.36	1.31	1.31	1.33	2.20	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-12DL2X10	Instrumnet Name :	P8
Client Sample ID :	MH1G73	Dilution Factor :	10
Date & Time Acquired ::	2021-12-16 21:20:52	DataFile Name :	167AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	183.47	180.44	179.26	181.06	1.20	ppb
Antimony	121-1	78.59	78.44	80.86	79.30	1.71	ppb
Arsenic	75-2	119.69	116.08	119.67	118.48	1.76	ppb
Barium	135-1	5.64	5.68	5.45	5.59	2.18	ppb
Barium	137-1	5.62	5.71	5.65	5.66	0.81	ppb
Beryllium	9-1	-0.02	-0.02	-0.03	-0.02		ppb
Bismuth	209-1				102		%
Bismuth	209-2				104		%
Boron	10-1	-0.33	0.04	0.09	-0.07		ppb
Boron	11-1	-0.35	-0.38	-0.33	-0.35		ppb
Bromine	81-1						cps
Cadmium	111-1	170.05	170.75	176.74	172.52	2.13	ppb
Cadmium	106-1	141.51	151.40	149.06	147.33	3.51	ppb
Cadmium	108-1	154.39	152.10	159.20	155.23	2.33	ppb
Calcium	43-1	8758.11	8949.61	8622.68	8776.80	1.87	ppb
Calcium	44-1	9097.31	9314.29	8697.99	9036.53	3.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5.07	4.87	4.79	4.91	2.89	ppb
Cobalt	59-2	1.91	1.84	1.90	1.88	1.82	ppb
Copper	63-2	166.21	168.13	163.96	166.10	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				105		%
Indium	115-1				100		%
Indium	115-2				103		%
Iron	54-2	9147.58	9101.31	9168.34	9139.08	0.38	ppb
Iron	56-2	9490.46	9803.05	9361.60	9551.70	2.38	ppb
Iron	57-2	9178.67	9409.07	9030.50	9206.08	2.07	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-12DL2X10	Instrumnet Name :	P8
Client Sample ID :	MH1G73	Dilution Factor :	10
Date & Time Acquired ::	2021-12-16 21:20:52	DataFile Name :	167AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	3434.11	3541.17	3382.82	3452.70	2.34	ppb
Lead	207-1	3399.71	3561.71	3365.08	3442.17	3.05	ppb
Lead	208-1	3417.21	3515.38	3318.38	3416.99	2.88	ppb
Lithium	6-1				109		%
Magnesium	24-2	3460.99	3357.17	3336.96	3385.04	1.97	ppb
Manganese	55-2	529.84	520.15	530.20	526.73	1.08	ppb
Molybdenum	94-1	1.15	1.02	0.89	1.02	12.50	ppb
Molybdenum	95-1	0.53	0.54	0.59	0.55	5.28	ppb
Molybdenum	96-1	0.52	0.57	0.58	0.55	5.88	ppb
Molybdenum	97-1	0.39	0.51	0.46	0.45	13.01	ppb
Molybdenum	98-1	0.46	0.45	0.45	0.46	1.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.60	1.36	1.48	1.48	7.98	ppb
Phosphorus	31-2	820.39	892.25	746.81	819.82	8.87	ppb
Potassium	39-2	88.31	96.73	91.81	92.28	4.59	ppb
Rhodium	103-1				102		%
Rhodium	103-2				107		%
Scandium	45-1				105		%
Scandium	45-2				107		%
Selenium	82-1	2.35	2.89	2.25	2.50	13.79	ppb
Selenium	77-2	4.16	1.34	8.25	4.58	75.93	ppb
Selenium	78-2	2.58	0.70	2.77	2.02	56.88	ppb
Silicon	28-1	65.67	71.96	77.39	71.67	8.19	ppb
Silver	107-1	14.20	14.19	14.49	14.29	1.18	ppb
Silver	109-1	13.69	14.24	14.52	14.15	2.98	ppb
Sodium	23-2	66.59	61.77	63.24	63.87	3.86	ppb
Strontium	86-1	6.42	6.60	6.26	6.42	2.63	ppb
Strontium	88-1	6.11	6.23	6.10	6.14	1.18	ppb
Sulfur	34-1	11578.13	11806.68	11304.93	11563.25	2.17	ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	0.21	0.22	0.23	0.22	5.10	ppb
Thallium	205-1	0.22	0.27	0.24	0.24	9.97	ppb
Tin	118-1	-3.14	-3.09	-2.99	-3.07		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-12DL2X10	Instrumnet Name :	P8
Client Sample ID :	MH1G73	Dilution Factor :	10
Date & Time Acquired ::	2021-12-16 21:20:52	DataFile Name :	167AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.79	5.08	4.97	4.94	2.95	ppb
Uranium	238-1	0.56	0.56	0.58	0.57	1.98	ppb
Vanadium	51-2	2.18	2.02	2.05	2.08	4.08	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	30533.44	29245.81	27892.40	29223.88	4.52	ppb
Zirconium	90-1	0.37	0.36	0.34	0.36	4.40	ppb
Zirconium	91-1	0.38	0.38	0.30	0.36	12.79	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-12DL3X50	Instrumnet Name :	P8
Client Sample ID :	MH1G73	Dilution Factor :	50
Date & Time Acquired ::	2021-12-16 21:23:52	DataFile Name :	168AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33.95	34.26	36.52	34.91	4.02	ppb
Antimony	121-1	15.92	16.40	17.10	16.47	3.58	ppb
Arsenic	75-2	23.76	22.74	23.26	23.25	2.20	ppb
Barium	135-1	0.93	1.14	1.24	1.10	14.12	ppb
Barium	137-1	1.10	1.10	1.16	1.12	3.15	ppb
Beryllium	9-1	-0.05	-0.04	-0.06	-0.05		ppb
Bismuth	209-1				102		%
Bismuth	209-2				103		%
Boron	10-1	-0.37	-0.58	-0.32	-0.42		ppb
Boron	11-1	-0.68	-0.76	-0.85	-0.76		ppb
Bromine	81-1						cps
Cadmium	111-1	35.07	34.98	35.53	35.19	0.84	ppb
Cadmium	106-1	30.19	28.52	28.71	29.14	3.13	ppb
Cadmium	108-1	30.97	31.54	31.91	31.47	1.50	ppb
Calcium	43-1	1743.48	1735.98	1773.17	1750.88	1.12	ppb
Calcium	44-1	1783.65	1758.45	1762.01	1768.04	0.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.84	0.91	0.93	0.89	5.44	ppb
Cobalt	59-2	0.41	0.35	0.36	0.37	7.85	ppb
Copper	63-2	31.98	33.28	32.78	32.68	2.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	54-2	1740.61	1793.43	1808.84	1780.96	2.01	ppb
Iron	56-2	1875.53	1983.21	1852.40	1903.71	3.67	ppb
Iron	57-2	1823.42	1845.64	1749.54	1806.20	2.79	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-12DL3X50	Instrumnet Name :	P8
Client Sample ID :	MH1G73	Dilution Factor :	50
Date & Time Acquired ::	2021-12-16 21:23:52	DataFile Name :	168AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	708.43	693.44	715.51	705.79	1.60	ppb
Lead	207-1	706.80	708.26	694.91	703.32	1.04	ppb
Lead	208-1	703.16	700.60	702.75	702.17	0.20	ppb
Lithium	6-1				108		%
Magnesium	24-2	638.33	642.80	657.34	646.16	1.54	ppb
Manganese	55-2	102.69	104.56	103.21	103.49	0.93	ppb
Molybdenum	94-1	0.16	0.17	0.16	0.16	2.80	ppb
Molybdenum	95-1	0.09	0.07	0.06	0.07	20.69	ppb
Molybdenum	96-1	0.07	0.05	0.10	0.07	34.86	ppb
Molybdenum	97-1	0.10	0.09	0.12	0.10	13.85	ppb
Molybdenum	98-1	0.07	0.12	0.07	0.09	28.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.33	0.31	0.18	0.27	28.33	ppb
Phosphorus	31-2	124.51	124.20	133.17	127.29	4.00	ppb
Potassium	39-2	13.20	18.05	26.48	19.24	34.92	ppb
Rhodium	103-1				102		%
Rhodium	103-2				107		%
Scandium	45-1				104		%
Scandium	45-2				107		%
Selenium	82-1	-0.11	0.40	0.79	0.36	126.10	ppb
Selenium	77-2	0.00	0.00	1.38	0.46	173.21	ppb
Selenium	78-2	1.32	1.80	0.98	1.36	30.18	ppb
Silicon	28-1	11.79	4.38	3.63	6.60	68.31	ppb
Silver	107-1	2.81	2.91	3.07	2.93	4.51	ppb
Silver	109-1	2.90	2.79	3.11	2.93	5.48	ppb
Sodium	23-2	32.90	32.70	36.66	34.09	6.55	ppb
Strontium	86-1	1.24	1.22	1.53	1.33	12.93	ppb
Strontium	88-1	1.27	1.27	1.31	1.28	1.56	ppb
Sulfur	34-1	2454.64	2079.48	2131.39	2221.84	9.15	ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	-0.11	-0.08	-0.15	-0.11		ppb
Thallium	205-1	-0.13	-0.11	-0.16	-0.13		ppb
Tin	118-1	-3.75	-3.61	-3.64	-3.67		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-12DL3X50	Instrumnet Name :	P8
Client Sample ID :	MH1G73	Dilution Factor :	50
Date & Time Acquired ::	2021-12-16 21:23:52	DataFile Name :	168AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.07	0.94	1.01	1.01	6.84	ppb
Uranium	238-1	0.10	0.11	0.10	0.11	5.48	ppb
Vanadium	51-2	0.41	0.43	0.42	0.42	1.95	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				107		%
Zinc	66-2	5755.65	5861.37	5745.77	5787.60	1.11	ppb
Zirconium	90-1	0.07	0.05	0.09	0.07	27.40	ppb
Zirconium	91-1	0.08	0.03	0.08	0.07	44.13	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-13DLX5	Instrumnet Name :	P8
Client Sample ID :	MH1G74	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 21:26:52	DataFile Name :	169AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	621.84	630.96	631.44	628.08	0.86	ppb
Antimony	121-1	90.77	90.94	91.35	91.02	0.33	ppb
Arsenic	75-2	104.79	107.45	103.37	105.21	1.97	ppb
Barium	135-1	14.91	15.04	15.32	15.09	1.40	ppb
Barium	137-1	14.85	15.48	15.76	15.36	3.05	ppb
Beryllium	9-1	-0.04	-0.03	-0.01	-0.03		ppb
Bismuth	209-1				104		%
Bismuth	209-2				106		%
Boron	10-1	1.02	1.39	0.60	1.00	39.62	ppb
Boron	11-1	0.56	0.93	1.00	0.83	28.98	ppb
Bromine	81-1						cps
Cadmium	111-1	32.40	32.86	33.21	32.82	1.24	ppb
Cadmium	106-1	30.44	30.64	28.20	29.76	4.57	ppb
Cadmium	108-1	29.19	31.00	31.34	30.51	3.78	ppb
Calcium	43-1	16928.12	17237.48	17548.96	17238.19	1.80	ppb
Calcium	44-1	17234.70	17035.87	17679.17	17316.58	1.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.91	2.86	2.94	2.90	1.32	ppb
Cobalt	59-2	1.96	1.92	1.88	1.92	2.01	ppb
Copper	63-2	132.21	133.88	135.62	133.91	1.27	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				103		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				104		%
Iron	54-2	8795.47	8931.69	9167.11	8964.76	2.10	ppb
Iron	56-2	9192.61	9426.97	9193.96	9271.18	1.46	ppb
Iron	57-2	9031.93	8812.24	9142.76	8995.65	1.87	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-13DLX5	Instrumnet Name :	P8
Client Sample ID :	MH1G74	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 21:26:52	DataFile Name :	169AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1997.63	1972.83	1957.69	1976.05	1.02	ppb
Lead	207-1	1961.12	1951.42	2003.86	1972.14	1.41	ppb
Lead	208-1	1974.57	1955.52	1975.24	1968.44	0.57	ppb
Lithium	6-1				108		%
Magnesium	24-2	3320.31	3404.23	3288.02	3337.52	1.80	ppb
Manganese	55-2	614.94	634.37	629.86	626.39	1.62	ppb
Molybdenum	94-1	1.06	0.84	0.99	0.96	12.11	ppb
Molybdenum	95-1	0.55	0.59	0.65	0.60	8.79	ppb
Molybdenum	96-1	0.72	0.66	0.66	0.68	4.38	ppb
Molybdenum	97-1	0.58	0.56	0.51	0.55	6.23	ppb
Molybdenum	98-1	0.52	0.53	0.50	0.52	2.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.88	1.92	2.01	1.94	3.65	ppb
Phosphorus	31-2	661.36	539.69	556.78	585.94	11.24	ppb
Potassium	39-2	97.50	98.91	89.46	95.29	5.35	ppb
Rhodium	103-1				102		%
Rhodium	103-2				108		%
Scandium	45-1				107		%
Scandium	45-2				109		%
Selenium	82-1	3.19	2.52	3.57	3.09	17.23	ppb
Selenium	77-2	4.03	6.76	6.65	5.82	26.63	ppb
Selenium	78-2	4.83	5.02	2.89	4.25	27.79	ppb
Silicon	28-1	129.10	126.49	136.65	130.75	4.04	ppb
Silver	107-1	10.24	10.67	10.35	10.42	2.14	ppb
Silver	109-1	10.20	10.54	10.75	10.50	2.65	ppb
Sodium	23-2	181.70	187.46	179.67	182.94	2.21	ppb
Strontium	86-1	19.35	19.47	19.54	19.45	0.51	ppb
Strontium	88-1	19.40	20.08	19.81	19.77	1.73	ppb
Sulfur	34-1	7376.57	7477.71	7802.44	7552.24	2.95	ppb
Terbium	159-1				104		%
Terbium	159-2				106		%
Thallium	203-1	0.45	0.41	0.46	0.44	5.76	ppb
Thallium	205-1	0.50	0.41	0.40	0.44	11.82	ppb
Tin	118-1	-2.86	-2.94	-2.91	-2.90		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-13DLX5	Instrumnet Name :	P8
Client Sample ID :	MH1G74	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 21:26:52	DataFile Name :	169AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	14.15	13.67	14.41	14.08	2.68	ppb
Uranium	238-1	0.47	0.47	0.49	0.48	2.73	ppb
Vanadium	51-2	2.51	2.71	2.51	2.58	4.51	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	6800.39	6593.60	6600.75	6664.91	1.76	ppb
Zirconium	90-1	0.25	0.28	0.27	0.27	5.53	ppb
Zirconium	91-1	0.33	0.21	0.32	0.29	24.18	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-14DLX5	Instrumnet Name :	P8
Client Sample ID :	MH1G75	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 21:29:52	DataFile Name :	170AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	508.45	515.64	500.20	508.10	1.52	ppb
Antimony	121-1	88.36	89.61	90.49	89.49	1.20	ppb
Arsenic	75-2	90.27	92.03	91.54	91.28	1.00	ppb
Barium	135-1	15.30	16.64	16.38	16.11	4.43	ppb
Barium	137-1	15.62	16.39	16.69	16.23	3.41	ppb
Beryllium	9-1	-0.02	-0.01	0.01	-0.01		ppb
Bismuth	209-1				102		%
Bismuth	209-2				106		%
Boron	10-1	0.02	0.77	-0.09	0.23	199.37	ppb
Boron	11-1	-0.18	0.12	-0.15	-0.07		ppb
Bromine	81-1						cps
Cadmium	111-1	37.30	39.10	38.64	38.35	2.43	ppb
Cadmium	106-1	34.57	36.14	33.29	34.67	4.11	ppb
Cadmium	108-1	33.84	34.57	36.41	34.94	3.79	ppb
Calcium	43-1	16175.67	17155.35	17157.75	16829.59	3.36	ppb
Calcium	44-1	16260.53	16786.81	17344.28	16797.21	3.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.21	3.20	3.08	3.16	2.23	ppb
Cobalt	59-2	1.21	1.21	1.24	1.22	1.13	ppb
Copper	63-2	113.24	112.63	109.23	111.70	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				105		%
Holmium	165-2				107		%
Indium	115-1				103		%
Indium	115-2				106		%
Iron	54-2	5721.32	5712.70	5447.66	5627.23	2.76	ppb
Iron	56-2	6056.25	5904.85	5654.64	5871.91	3.45	ppb
Iron	57-2	5721.63	5879.14	5599.41	5733.39	2.45	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-14DLX5	Instrumnet Name :	P8
Client Sample ID :	MH1G75	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 21:29:52	DataFile Name :	170AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1580.00	1675.85	1612.72	1622.86	3.00	ppb
Lead	207-1	1584.89	1639.87	1589.08	1604.61	1.91	ppb
Lead	208-1	1587.27	1652.47	1611.94	1617.23	2.04	ppb
Lithium	6-1				108		%
Magnesium	24-2	4624.83	4447.90	4501.70	4524.81	2.00	ppb
Manganese	55-2	637.60	631.76	619.92	629.76	1.43	ppb
Molybdenum	94-1	1.25	1.23	1.34	1.27	4.40	ppb
Molybdenum	95-1	0.59	0.53	0.60	0.57	6.35	ppb
Molybdenum	96-1	0.71	0.67	0.53	0.64	14.56	ppb
Molybdenum	97-1	0.63	0.61	0.48	0.57	13.83	ppb
Molybdenum	98-1	0.57	0.50	0.56	0.54	7.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.23	2.42	2.22	2.29	4.99	ppb
Phosphorus	31-2	627.16	691.01	599.52	639.23	7.34	ppb
Potassium	39-2	92.90	95.19	79.47	89.19	9.52	ppb
Rhodium	103-1				102		%
Rhodium	103-2				110		%
Scandium	45-1				104		%
Scandium	45-2				109		%
Selenium	82-1	2.37	3.00	1.85	2.41	23.98	ppb
Selenium	77-2	5.21	2.65	1.33	3.06	64.39	ppb
Selenium	78-2	2.16	1.59	1.60	1.78	18.41	ppb
Silicon	28-1	236.16	250.29	256.16	247.54	4.15	ppb
Silver	107-1	10.33	10.89	10.78	10.67	2.77	ppb
Silver	109-1	10.68	10.94	10.70	10.78	1.34	ppb
Sodium	23-2	117.07	119.27	111.46	115.93	3.47	ppb
Strontium	86-1	13.29	13.16	12.53	12.99	3.14	ppb
Strontium	88-1	12.96	13.56	12.74	13.09	3.22	ppb
Sulfur	34-1	3644.56	4325.37	4384.93	4118.28	9.99	ppb
Terbium	159-1				101		%
Terbium	159-2				108		%
Thallium	203-1	0.23	0.25	0.20	0.23	12.74	ppb
Thallium	205-1	0.23	0.25	0.21	0.23	8.38	ppb
Tin	118-1	-3.39	-3.36	-3.36	-3.37		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-14DLX5	Instrumnet Name :	P8
Client Sample ID :	MH1G75	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 21:29:52	DataFile Name :	170AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	14.43	14.85	14.82	14.70	1.59	ppb
Uranium	238-1	0.60	0.63	0.62	0.62	2.61	ppb
Vanadium	51-2	3.53	3.54	3.32	3.46	3.62	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				110		%
Zinc	66-2	7938.93	8304.28	7878.78	8040.66	2.86	ppb
Zirconium	90-1	0.44	0.42	0.46	0.44	5.02	ppb
Zirconium	91-1	0.50	0.52	0.40	0.47	13.80	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-16DLX5	Instrumnet Name :	P8
Client Sample ID :	MH1G77	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 21:32:49	DataFile Name :	171AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1137.12	1166.82	1174.17	1159.37	1.69	ppb
Antimony	121-1	279.96	277.49	277.53	278.32	0.51	ppb
Arsenic	75-2	290.73	290.10	305.61	295.48	2.97	ppb
Barium	135-1	32.22	30.24	30.86	31.11	3.26	ppb
Barium	137-1	32.10	30.88	31.55	31.51	1.93	ppb
Beryllium	9-1	0.02	0.06	0.05	0.04	49.83	ppb
Bismuth	209-1				101		%
Bismuth	209-2				107		%
Boron	10-1	5.08	4.92	4.71	4.90	3.86	ppb
Boron	11-1	4.22	4.62	4.78	4.54	6.43	ppb
Bromine	81-1						cps
Cadmium	111-1	149.02	144.03	147.42	146.82	1.74	ppb
Cadmium	106-1	129.01	128.44	125.03	127.49	1.69	ppb
Cadmium	108-1	130.28	135.47	132.33	132.69	1.97	ppb
Calcium	43-1	8992.51	8823.82	9190.06	9002.13	2.04	ppb
Calcium	44-1	9193.50	8957.64	9266.16	9139.10	1.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.82	3.63	3.96	3.80	4.40	ppb
Cobalt	59-2	1.80	1.86	1.90	1.85	2.79	ppb
Copper	63-2	594.55	619.69	627.79	614.01	2.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				108		%
Indium	115-1				104		%
Indium	115-2				105		%
Iron	54-2	8696.89	8607.62	8693.48	8666.00	0.58	ppb
Iron	56-2	8896.56	8850.83	9030.97	8926.12	1.05	ppb
Iron	57-2	8372.33	8609.66	8584.66	8522.22	1.53	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-16DLX5	Instrumnet Name :	P8
Client Sample ID :	MH1G77	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 21:32:49	DataFile Name :	171AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	7271.15	7363.42	7308.36	7314.31	0.63	ppb
Lead	207-1	7184.34	7309.20	7445.80	7313.11	1.79	ppb
Lead	208-1	7198.54	7384.20	7339.19	7307.31	1.33	ppb
Lithium	6-1				109		%
Magnesium	24-2	2462.20	2493.29	2454.20	2469.90	0.84	ppb
Manganese	55-2	1318.27	1324.09	1349.68	1330.68	1.26	ppb
Molybdenum	94-1	3.14	3.14	3.07	3.12	1.25	ppb
Molybdenum	95-1	2.14	2.07	2.09	2.10	1.66	ppb
Molybdenum	96-1	2.27	2.23	2.26	2.25	1.01	ppb
Molybdenum	97-1	2.12	2.23	2.07	2.14	3.76	ppb
Molybdenum	98-1	2.08	2.06	2.07	2.07	0.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.40	2.61	2.63	2.55	5.07	ppb
Phosphorus	31-2	509.83	453.94	485.78	483.18	5.80	ppb
Potassium	39-2	80.46	76.04	84.09	80.20	5.03	ppb
Rhodium	103-1				101		%
Rhodium	103-2				109		%
Scandium	45-1				106		%
Scandium	45-2				109		%
Selenium	82-1	2.29	4.00	1.36	2.55	52.50	ppb
Selenium	77-2	10.60	3.96	6.87	7.14	46.57	ppb
Selenium	78-2	4.13	3.41	4.68	4.07	15.72	ppb
Silicon	28-1	696.98	681.49	705.22	694.56	1.73	ppb
Silver	107-1	46.47	44.49	46.13	45.70	2.31	ppb
Silver	109-1	46.67	43.94	46.08	45.56	3.15	ppb
Sodium	23-2	323.33	332.81	327.19	327.78	1.46	ppb
Strontium	86-1	15.02	15.92	15.44	15.46	2.91	ppb
Strontium	88-1	15.16	15.98	15.75	15.63	2.70	ppb
Sulfur	34-1	5581.47	5229.77	5899.91	5570.39	6.02	ppb
Terbium	159-1				102		%
Terbium	159-2				108		%
Thallium	203-1	0.16	0.11	0.13	0.14	18.82	ppb
Thallium	205-1	0.15	0.19	0.18	0.18	10.69	ppb
Tin	118-1	-2.37	-2.52	-2.51	-2.47		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-16DLX5	Instrumnet Name :	P8
Client Sample ID :	MH1G77	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 21:32:49	DataFile Name :	171AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	31.57	31.67	34.17	32.47	4.54	ppb
Uranium	238-1	0.80	0.85	0.78	0.81	4.43	ppb
Vanadium	51-2	5.01	5.09	5.37	5.16	3.60	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				109		%
Zinc	66-2	28373.40	29600.98	29806.54	29260.31	2.65	ppb
Zirconium	90-1	0.66	0.70	0.70	0.69	2.91	ppb
Zirconium	91-1	0.72	0.78	0.82	0.78	6.69	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-18DLX5	Instrumnet Name :	P8
Client Sample ID :	MH1G77D	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 21:35:48	DataFile Name :	172AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1062.63	1033.97	1031.96	1042.86	1.65	ppb
Antimony	121-1	255.56	243.63	250.20	249.80	2.39	ppb
Arsenic	75-2	268.43	270.28	263.27	267.33	1.36	ppb
Barium	135-1	28.01	26.19	26.91	27.04	3.40	ppb
Barium	137-1	28.31	26.56	27.69	27.52	3.22	ppb
Beryllium	9-1	0.07	0.07	0.02	0.05	49.76	ppb
Bismuth	209-1				105		%
Bismuth	209-2				108		%
Boron	10-1	3.94	4.24	5.22	4.47	14.88	ppb
Boron	11-1	3.75	3.94	4.84	4.18	13.99	ppb
Bromine	81-1						cps
Cadmium	111-1	131.14	121.97	125.21	126.11	3.69	ppb
Cadmium	106-1	115.61	111.75	107.46	111.61	3.65	ppb
Cadmium	108-1	116.43	110.19	116.38	114.33	3.14	ppb
Calcium	43-1	8388.16	8030.03	8017.17	8145.12	2.59	ppb
Calcium	44-1	8446.21	8214.59	8158.01	8272.94	1.85	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.55	3.44	3.45	3.48	1.75	ppb
Cobalt	59-2	1.86	1.86	1.85	1.86	0.26	ppb
Copper	63-2	562.52	543.37	548.77	551.55	1.79	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				103		%
Holmium	165-2				108		%
Indium	115-1				104		%
Indium	115-2				106		%
Iron	54-2	7957.80	7790.11	7763.81	7837.24	1.34	ppb
Iron	56-2	8221.05	8180.93	7815.82	8072.60	2.77	ppb
Iron	57-2	8124.82	7794.68	7632.16	7850.55	3.20	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-18DLX5	Instrumnet Name :	P8
Client Sample ID :	MH1G77D	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 21:35:48	DataFile Name :	172AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	6637.25	6762.76	6590.50	6663.50	1.34	ppb
Lead	207-1	6576.37	6600.83	6611.45	6596.22	0.27	ppb
Lead	208-1	6695.54	6645.68	6655.66	6665.62	0.40	ppb
Lithium	6-1				108		%
Magnesium	24-2	2453.04	2350.70	2303.02	2368.92	3.24	ppb
Manganese	55-2	1229.59	1215.05	1194.03	1212.89	1.47	ppb
Molybdenum	94-1	2.48	2.60	2.62	2.57	2.80	ppb
Molybdenum	95-1	1.90	1.94	1.72	1.85	6.18	ppb
Molybdenum	96-1	1.95	1.97	1.77	1.90	5.66	ppb
Molybdenum	97-1	1.72	1.75	1.88	1.78	4.66	ppb
Molybdenum	98-1	1.81	1.78	1.84	1.81	1.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.63	2.39	2.33	2.45	6.43	ppb
Phosphorus	31-2	339.25	415.54	398.13	384.31	10.40	ppb
Potassium	39-2	78.03	65.73	76.31	73.36	9.08	ppb
Rhodium	103-1				105		%
Rhodium	103-2				110		%
Scandium	45-1				106		%
Scandium	45-2				109		%
Selenium	82-1	2.43	4.18	3.64	3.42	26.22	ppb
Selenium	77-2	0.00	6.71	3.90	3.53	95.30	ppb
Selenium	78-2	2.88	2.83	3.05	2.92	3.98	ppb
Silicon	28-1	670.98	625.97	621.41	639.45	4.28	ppb
Silver	107-1	42.18	39.26	40.73	40.72	3.58	ppb
Silver	109-1	41.60	39.90	40.87	40.79	2.10	ppb
Sodium	23-2	291.09	290.03	287.88	289.67	0.57	ppb
Strontium	86-1	13.82	13.13	13.22	13.39	2.83	ppb
Strontium	88-1	13.92	13.62	13.39	13.64	1.95	ppb
Sulfur	34-1	6068.89	4905.55	4553.69	5176.04	15.32	ppb
Terbium	159-1				104		%
Terbium	159-2				107		%
Thallium	203-1	0.12	0.14	0.13	0.13	6.82	ppb
Thallium	205-1	0.12	0.12	0.18	0.14	25.82	ppb
Tin	118-1	-2.69	-2.75	-2.59	-2.68		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-18DLX5	Instrumnet Name :	P8
Client Sample ID :	MH1G77D	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 21:35:48	DataFile Name :	172AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	29.73	27.68	28.87	28.76	3.58	ppb
Uranium	238-1	0.74	0.70	0.73	0.72	2.89	ppb
Vanadium	51-2	4.82	4.72	4.43	4.66	4.30	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				110		%
Zinc	66-2	26485.50	26776.66	25035.25	26099.13	3.57	ppb
Zirconium	90-1	0.58	0.61	0.58	0.59	2.50	ppb
Zirconium	91-1	0.65	0.54	0.64	0.61	10.18	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-16LDLX25	Instrumnet Name :	P8
Client Sample ID :	MH1G77L	Dilution Factor :	25
Date & Time Acquired ::	2021-12-16 21:38:44	DataFile Name :	173AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	221.85	222.08	215.36	219.77	1.74	ppb
Antimony	121-1	53.37	54.17	52.74	53.42	1.35	ppb
Arsenic	75-2	56.30	54.78	57.38	56.16	2.33	ppb
Barium	135-1	5.91	6.01	6.20	6.04	2.45	ppb
Barium	137-1	5.98	5.92	6.02	5.97	0.81	ppb
Beryllium	9-1	-0.06	-0.04	-0.02	-0.04		ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Boron	10-1	0.55	1.07	0.69	0.77	34.80	ppb
Boron	11-1	0.44	0.23	0.23	0.30	39.65	ppb
Bromine	81-1						cps
Cadmium	111-1	27.50	28.51	26.29	27.43	4.04	ppb
Cadmium	106-1	21.11	24.13	23.76	23.00	7.17	ppb
Cadmium	108-1	25.05	24.21	25.68	24.98	2.95	ppb
Calcium	43-1	1745.80	1748.51	1803.27	1765.86	1.84	ppb
Calcium	44-1	1755.53	1744.73	1789.91	1763.39	1.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.68	0.61	0.71	0.66	7.74	ppb
Cobalt	59-2	0.30	0.33	0.32	0.31	4.67	ppb
Copper	63-2	117.18	120.91	116.65	118.25	1.96	ppb
Dysprosium	156-1						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				103		%
Indium	115-2				105		%
Iron	54-2	1637.75	1650.08	1639.10	1642.31	0.41	ppb
Iron	56-2	1740.02	1689.91	1765.84	1731.92	2.23	ppb
Iron	57-2	1660.81	1740.12	1611.45	1670.79	3.89	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-16LDLX25	Instrumnet Name :	P8
Client Sample ID :	MH1G77L	Dilution Factor :	25
Date & Time Acquired ::	2021-12-16 21:38:44	DataFile Name :	173AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1395.60	1381.80	1408.91	1395.44	0.97	ppb
Lead	207-1	1422.38	1379.31	1399.50	1400.39	1.54	ppb
Lead	208-1	1407.74	1383.26	1396.94	1395.98	0.88	ppb
Lithium	6-1				109		%
Magnesium	24-2	499.80	474.84	454.30	476.32	4.78	ppb
Manganese	55-2	252.83	254.99	252.14	253.32	0.59	ppb
Molybdenum	94-1	0.60	0.43	0.61	0.55	17.68	ppb
Molybdenum	95-1	0.35	0.36	0.32	0.34	5.95	ppb
Molybdenum	96-1	0.38	0.42	0.37	0.39	7.18	ppb
Molybdenum	97-1	0.28	0.41	0.34	0.34	17.83	ppb
Molybdenum	98-1	0.39	0.36	0.37	0.37	4.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.47	0.50	0.51	0.49	4.53	ppb
Phosphorus	31-2	46.68	-0.26	-9.66	12.25	246.37	ppb
Potassium	39-2	4.13	23.44	8.23	11.93	85.24	ppb
Rhodium	103-1				104		%
Rhodium	103-2				109		%
Scandium	45-1				105		%
Scandium	45-2				109		%
Selenium	82-1	0.46	1.44	0.99	0.96	51.12	ppb
Selenium	77-2	2.70	0.00	1.37	1.36	99.40	ppb
Selenium	78-2	1.92	2.70	0.84	1.82	51.25	ppb
Silicon	28-1	129.19	129.33	123.67	127.39	2.54	ppb
Silver	107-1	8.70	8.49	8.58	8.59	1.19	ppb
Silver	109-1	8.59	8.65	8.87	8.70	1.68	ppb
Sodium	23-2	80.89	83.85	79.77	81.51	2.59	ppb
Strontium	86-1	3.08	2.78	3.14	3.00	6.38	ppb
Strontium	88-1	2.97	2.96	3.00	2.98	0.66	ppb
Sulfur	34-1	1169.13	931.56	1124.71	1075.13	11.75	ppb
Terbium	159-1				104		%
Terbium	159-2				106		%
Thallium	203-1	-0.14	-0.14	-0.14	-0.14		ppb
Thallium	205-1	-0.17	-0.14	-0.15	-0.15		ppb
Tin	118-1	-3.62	-3.65	-3.60	-3.62		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-16LDLX25	Instrumnet Name :	P8
Client Sample ID :	MH1G77L	Dilution Factor :	25
Date & Time Acquired ::	2021-12-16 21:38:44	DataFile Name :	173AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	6.09	6.33	6.76	6.40	5.32	ppb
Uranium	238-1	0.17	0.14	0.14	0.15	9.19	ppb
Vanadium	51-2	1.03	0.95	0.86	0.95	9.39	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				108		%
Zinc	66-2	5485.26	5501.42	5426.79	5471.16	0.72	ppb
Zirconium	90-1	0.12	0.14	0.16	0.14	14.04	ppb
Zirconium	91-1	0.13	0.17	0.16	0.16	11.78	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-19DLX5	Instrumnet Name :	P8
Client Sample ID :	MH1G77S	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 21:41:48	DataFile Name :	174AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	979.22	977.52	1022.33	993.02	2.56	ppb
Antimony	121-1	234.56	235.53	233.77	234.62	0.38	ppb
Arsenic	75-2	207.91	212.03	215.87	211.94	1.88	ppb
Barium	135-1	103.90	102.82	104.28	103.67	0.73	ppb
Barium	137-1	103.79	103.86	105.56	104.40	0.96	ppb
Beryllium	9-1	2.07	2.08	2.06	2.07	0.27	ppb
Bismuth	209-1				104		%
Bismuth	209-2				106		%
Boron	10-1	3.10	3.61	2.87	3.19	11.84	ppb
Boron	11-1	2.07	2.40	2.50	2.32	9.77	ppb
Bromine	81-1						cps
Cadmium	111-1	112.36	109.22	110.54	110.71	1.42	ppb
Cadmium	106-1	98.20	106.28	97.08	100.52	5.00	ppb
Cadmium	108-1	100.19	102.41	98.84	100.48	1.80	ppb
Calcium	43-1	6227.84	6374.41	6576.19	6392.82	2.74	ppb
Calcium	44-1	6487.25	6476.57	6722.58	6562.13	2.12	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	11.37	11.51	12.68	11.85	6.08	ppb
Cobalt	59-2	22.06	22.24	23.40	22.57	3.23	ppb
Copper	63-2	456.85	459.03	486.26	467.38	3.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				107		%
Indium	115-1				104		%
Indium	115-2				105		%
Iron	54-2	5913.73	5997.61	6187.24	6032.86	2.32	ppb
Iron	56-2	6003.50	6260.56	6565.52	6276.53	4.48	ppb
Iron	57-2	5962.50	5930.55	6187.23	6026.76	2.32	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-19DLX5	Instrumnet Name :	P8
Client Sample ID :	MH1G77S	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 21:41:48	DataFile Name :	174AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	5253.23	5332.86	5598.20	5394.76	3.35	ppb
Lead	207-1	5176.24	5253.45	5442.08	5290.59	2.58	ppb
Lead	208-1	5264.21	5346.97	5453.75	5354.98	1.77	ppb
Lithium	6-1				108		%
Magnesium	24-2	2091.37	2111.46	2221.86	2141.57	3.28	ppb
Manganese	55-2	1081.33	1123.13	1164.10	1122.85	3.69	ppb
Molybdenum	94-1	2.12	2.04	1.91	2.02	5.25	ppb
Molybdenum	95-1	1.28	1.21	1.26	1.25	3.08	ppb
Molybdenum	96-1	1.28	1.24	1.17	1.23	4.29	ppb
Molybdenum	97-1	1.24	1.24	1.30	1.26	2.64	ppb
Molybdenum	98-1	1.24	1.17	1.21	1.20	2.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	22.63	23.63	24.69	23.65	4.34	ppb
Phosphorus	31-2	414.64	370.28	395.76	393.56	5.66	ppb
Potassium	39-2	82.54	82.19	86.79	83.84	3.06	ppb
Rhodium	103-1				105		%
Rhodium	103-2				109		%
Scandium	45-1				105		%
Scandium	45-2				108		%
Selenium	82-1	7.93	7.59	8.04	7.85	2.94	ppb
Selenium	77-2	10.65	12.22	15.08	12.65	17.75	ppb
Selenium	78-2	7.08	6.84	8.14	7.35	9.43	ppb
Silicon	28-1	471.51	457.31	473.27	467.36	1.87	ppb
Silver	107-1	42.32	41.79	41.62	41.91	0.88	ppb
Silver	109-1	42.26	42.37	42.77	42.47	0.63	ppb
Sodium	23-2	237.61	246.28	254.21	246.03	3.37	ppb
Strontium	86-1	11.19	11.13	11.45	11.26	1.49	ppb
Strontium	88-1	10.99	11.16	11.48	11.21	2.23	ppb
Sulfur	34-1	3625.53	4023.22	4322.02	3990.26	8.76	ppb
Terbium	159-1				101		%
Terbium	159-2				107		%
Thallium	203-1	1.94	1.85	2.13	1.97	7.23	ppb
Thallium	205-1	1.92	2.04	2.11	2.02	4.78	ppb
Tin	118-1	-2.79	-2.62	-2.81	-2.74		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-19DLX5	Instrumnet Name :	P8
Client Sample ID :	MH1G77S	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 21:41:48	DataFile Name :	174AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	26.48	28.22	28.39	27.70	3.82	ppb
Uranium	238-1	0.62	0.66	0.64	0.64	3.26	ppb
Vanadium	51-2	24.46	24.47	25.58	24.84	2.60	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				107		%
Zinc	66-2	21242.17	20921.57	21962.74	21375.49	2.49	ppb
Zirconium	90-1	0.48	0.51	0.51	0.50	3.13	ppb
Zirconium	91-1	0.55	0.53	0.49	0.52	6.14	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	CCV070	Instrumnet Name :	P8
Client Sample ID :	CCV070	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 21:44:43	DataFile Name :	175CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50128.23	49870.04	51302.78	50433.68	1.51	ppb
Antimony	121-1	513.65	517.99	498.90	510.18	1.96	ppb
Arsenic	75-2	507.84	512.48	492.70	504.34	2.05	ppb
Barium	135-1	2654.33	2661.30	2496.90	2604.18	3.57	ppb
Barium	137-1	2570.20	2603.20	2485.75	2553.05	2.37	ppb
Beryllium	9-1	486.18	513.50	478.61	492.76	3.72	ppb
Bismuth	209-1				97		%
Bismuth	209-2				100		%
Boron	10-1	463.23	511.36	513.84	496.14	5.75	ppb
Boron	11-1	459.18	507.92	526.53	497.88	6.98	ppb
Bromine	81-1						cps
Cadmium	111-1	493.42	503.34	480.60	492.46	2.31	ppb
Cadmium	106-1	486.55	515.97	472.19	491.57	4.54	ppb
Cadmium	108-1	493.80	497.40	489.35	493.51	0.82	ppb
Calcium	43-1	246782.16	246317.32	246480.77	246526.75	0.10	ppb
Calcium	44-1	249137.74	245536.20	247826.72	247500.22	0.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	486.56	484.31	492.21	487.69	0.83	ppb
Cobalt	59-2	522.84	491.45	490.70	501.66	3.66	ppb
Copper	63-2	4810.83	4896.79	4978.47	4895.36	1.71	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				106		%
Holmium	165-2				108		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	54-2	125598.45	126995.80	125311.36	125968.53	0.72	ppb
Iron	56-2	125572.84	126773.16	128286.19	126877.40	1.07	ppb
Iron	57-2	127799.17	128971.29	130137.44	128969.30	0.91	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	CCV070	Instrumnet Name :	P8
Client Sample ID :	CCV070	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 21:44:43	DataFile Name :	175CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2601.96	2521.51	2680.53	2601.33	3.06	ppb
Lead	207-1	2640.94	2580.96	2699.33	2640.41	2.24	ppb
Lead	208-1	2569.12	2549.46	2658.71	2592.43	2.25	ppb
Lithium	6-1				113		%
Magnesium	24-2	257590.24	255738.38	255809.22	256379.28	0.41	ppb
Manganese	55-2	4946.44	5121.00	5066.97	5044.81	1.77	ppb
Molybdenum	94-1	5639.60	5359.48	5494.82	5497.97	2.55	ppb
Molybdenum	95-1	5581.04	5296.43	5431.31	5436.26	2.62	ppb
Molybdenum	96-1	5489.41	5350.23	5458.86	5432.83	1.35	ppb
Molybdenum	97-1	5563.67	5589.49	5522.50	5558.55	0.61	ppb
Molybdenum	98-1	5584.24	5517.78	5484.14	5528.72	0.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	487.09	499.40	494.26	493.59	1.25	ppb
Phosphorus	31-2	10534.88	10082.14	10449.38	10355.47	2.32	ppb
Potassium	39-2	124591.75	128832.29	128176.81	127200.28	1.79	ppb
Rhodium	103-1				97		%
Rhodium	103-2				102		%
Scandium	45-1				108		%
Scandium	45-2				107		%
Selenium	82-1	516.06	494.55	505.31	505.31	2.13	ppb
Selenium	77-2	518.08	548.49	524.57	530.38	3.02	ppb
Selenium	78-2	511.88	508.17	503.86	507.97	0.79	ppb
Silicon	28-1	428.52	439.93	467.64	445.37	4.52	ppb
Silver	107-1	515.20	515.97	492.83	508.00	2.59	ppb
Silver	109-1	532.17	517.23	496.91	515.44	3.43	ppb
Sodium	23-2	256400.01	255922.87	259737.07	257353.32	0.81	ppb
Strontium	86-1	5094.08	4949.97	4970.63	5004.89	1.56	ppb
Strontium	88-1	5126.29	4917.41	4948.98	4997.56	2.25	ppb
Sulfur	34-1	9666.33	9341.31	9194.24	9400.63	2.57	ppb
Terbium	159-1				104		%
Terbium	159-2				107		%
Thallium	203-1	522.56	520.63	531.45	524.88	1.10	ppb
Thallium	205-1	517.19	512.60	526.39	518.72	1.35	ppb
Tin	118-1	526.10	530.98	508.85	521.98	2.23	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	CCV070	Instrumnet Name :	P8
Client Sample ID :	CCV070	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 21:44:43	DataFile Name :	175CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5506.89	5382.81	5663.48	5517.73	2.55	ppb
Uranium	238-1	512.23	524.54	511.98	516.25	1.39	ppb
Vanadium	51-2	500.45	504.18	510.93	505.18	1.05	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	4738.45	4796.31	4766.55	4767.10	0.61	ppb
Zirconium	90-1	497.84	492.54	503.64	498.01	1.12	ppb
Zirconium	91-1	511.48	489.56	498.54	499.86	2.20	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	CCB070	Instrumnet Name :	P8
Client Sample ID :	CCB070	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 22:04:45	DataFile Name :	178CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.46	-0.76	-0.91	-0.71		ppb
Antimony	121-1	0.00	0.01	0.02	0.01	100.24	ppb
Arsenic	75-2	-0.08	-0.05	-0.04	-0.06		ppb
Barium	135-1	-0.01	-0.03	0.00	-0.01		ppb
Barium	137-1	0.00	-0.01	0.01	0.00	7015.82	ppb
Beryllium	9-1	-0.05	-0.07	-0.04	-0.06		ppb
Bismuth	209-1				102		%
Bismuth	209-2				104		%
Boron	10-1	3.03	1.96	2.89	2.63	22.24	ppb
Boron	11-1	2.30	2.10	2.30	2.23	5.32	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.10	-0.07	-0.04	-0.07		ppb
Cadmium	106-1	-3.68	-3.11	-0.57	-2.45		ppb
Cadmium	108-1	-0.54	-0.50	-0.44	-0.49		ppb
Calcium	43-1	-0.47	-1.79	-1.11	-1.12		ppb
Calcium	44-1	-4.59	-7.31	-5.57	-5.82		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.04	-0.05	-0.02	-0.03		ppb
Cobalt	59-2	-0.01	-0.01	0.00	-0.01		ppb
Copper	63-2	0.02	0.07	0.03	0.04	73.18	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				102		%
Holmium	165-2				106		%
Indium	115-1				101		%
Indium	115-2				103		%
Iron	54-2	-1.43	-0.93	0.13	-0.74		ppb
Iron	56-2	0.11	0.05	0.25	0.14	75.97	ppb
Iron	57-2	-3.25	-0.57	-0.52	-1.45		ppb

LB Number : LB117862 Operator : Jaswal
 Lab Sample ID : CCB070 Instrumnet Name : P8
 Client Sample ID : CCB070 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-16 22:04:45 DataFile Name : 178CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.35	0.22	0.31	0.29	21.96	ppb
Lead	207-1	0.30	0.30	0.29	0.30	1.57	ppb
Lead	208-1	0.32	0.25	0.29	0.29	11.43	ppb
Lithium	6-1				110		%
Magnesium	24-2	-1.15	-0.97	0.16	-0.66		ppb
Manganese	55-2	0.06	0.07	0.04	0.05	30.82	ppb
Molybdenum	94-1	-0.02	-0.05	-0.07	-0.05		ppb
Molybdenum	95-1	0.01	0.00	-0.01	0.00		ppb
Molybdenum	96-1	0.00	-0.06	-0.04	-0.03		ppb
Molybdenum	97-1	0.01	-0.01	0.00	0.00	824.39	ppb
Molybdenum	98-1	-0.02	-0.01	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.02	0.00	-0.01		ppb
Phosphorus	31-2	-79.11	-95.96	-74.19	-83.08		ppb
Potassium	39-2	-7.03	-3.42	-11.40	-7.28		ppb
Rhodium	103-1				101		%
Rhodium	103-2				106		%
Scandium	45-1				103		%
Scandium	45-2				105		%
Selenium	82-1	-0.44	-0.04	-1.52	-0.66		ppb
Selenium	77-2	0.00	0.00	2.81	0.94	173.21	ppb
Selenium	78-2	0.94	2.06	0.47	1.16	70.63	ppb
Silicon	28-1	-8.04	-13.00	-10.32	-10.45		ppb
Silver	107-1	0.02	0.02	0.02	0.02	17.47	ppb
Silver	109-1	0.01	0.02	0.01	0.02	32.15	ppb
Sodium	23-2	21.23	20.52	20.41	20.72	2.15	ppb
Strontium	86-1	0.07	-0.01	0.01	0.02	190.42	ppb
Strontium	88-1	-0.01	0.00	0.00	0.00		ppb
Sulfur	34-1	588.10	126.94	472.13	395.73	60.62	ppb
Terbium	159-1				102		%
Terbium	159-2				104		%
Thallium	203-1	-0.19	-0.16	-0.19	-0.18		ppb
Thallium	205-1	-0.19	-0.19	-0.18	-0.18		ppb
Tin	118-1	-3.79	-3.83	-3.74	-3.79		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	CCB070	Instrumnet Name :	P8
Client Sample ID :	CCB070	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 22:04:45	DataFile Name :	178CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.07	0.04	-0.01	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				106		%
Zinc	66-2	1.01	0.86	0.77	0.88	13.63	ppb
Zirconium	90-1	-0.01	0.00	0.00	0.00		ppb
Zirconium	91-1	-0.01	-0.02	-0.01	-0.01		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-16DL2X25	Instrumnet Name :	P8
Client Sample ID :	MH1G77	Dilution Factor :	25
Date & Time Acquired ::	2021-12-16 22:09:24	DataFile Name :	179AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	236.82	234.24	234.02	235.03	0.66	ppb
Antimony	121-1	55.17	52.75	57.35	55.09	4.18	ppb
Arsenic	75-2	59.70	58.97	57.13	58.60	2.27	ppb
Barium	135-1	6.10	6.26	6.00	6.12	2.10	ppb
Barium	137-1	6.21	6.04	6.21	6.15	1.61	ppb
Beryllium	9-1	-0.04	-0.04	-0.03	-0.04		ppb
Bismuth	209-1				105		%
Bismuth	209-2				106		%
Boron	10-1	1.40	2.33	2.30	2.01	26.17	ppb
Boron	11-1	2.23	2.06	2.03	2.11	4.98	ppb
Bromine	81-1						cps
Cadmium	111-1	28.86	27.41	28.39	28.22	2.64	ppb
Cadmium	106-1	23.48	19.36	21.86	21.57	9.61	ppb
Cadmium	108-1	25.56	26.18	26.40	26.04	1.67	ppb
Calcium	43-1	1879.52	1846.86	1856.33	1860.90	0.90	ppb
Calcium	44-1	1860.73	1827.92	1873.58	1854.08	1.27	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.72	0.73	0.79	0.75	4.97	ppb
Cobalt	59-2	0.37	0.35	0.33	0.35	6.81	ppb
Copper	63-2	125.29	122.93	125.83	124.68	1.24	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				106		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				104		%
Iron	54-2	1746.26	1657.66	1724.01	1709.31	2.70	ppb
Iron	56-2	1839.52	1818.40	1855.71	1837.88	1.02	ppb
Iron	57-2	1745.01	1727.12	1776.97	1749.70	1.44	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-16DL2X25	Instrumnet Name :	P8
Client Sample ID :	MH1G77	Dilution Factor :	25
Date & Time Acquired ::	2021-12-16 22:09:24	DataFile Name :	179AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1455.65	1457.06	1426.58	1446.43	1.19	ppb
Lead	207-1	1481.74	1455.35	1438.21	1458.43	1.50	ppb
Lead	208-1	1478.60	1450.53	1442.58	1457.24	1.30	ppb
Lithium	6-1				114		%
Magnesium	24-2	477.18	512.17	493.66	494.34	3.54	ppb
Manganese	55-2	272.14	270.16	263.14	268.48	1.76	ppb
Molybdenum	94-1	0.64	0.50	0.54	0.56	12.13	ppb
Molybdenum	95-1	0.36	0.38	0.36	0.37	3.40	ppb
Molybdenum	96-1	0.40	0.42	0.42	0.41	2.57	ppb
Molybdenum	97-1	0.39	0.38	0.46	0.41	11.63	ppb
Molybdenum	98-1	0.38	0.36	0.40	0.38	5.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.42	0.49	0.48	0.46	7.92	ppb
Phosphorus	31-2	17.90	13.22	36.73	22.62	55.02	ppb
Potassium	39-2	1.60	7.47	21.82	10.30	101.04	ppb
Rhodium	103-1				103		%
Rhodium	103-2				108		%
Scandium	45-1				104		%
Scandium	45-2				107		%
Selenium	82-1	1.54	-1.40	1.98	0.71	259.45	ppb
Selenium	77-2	1.36	2.70	2.72	2.26	34.48	ppb
Selenium	78-2	1.86	1.92	-0.53	1.08	128.87	ppb
Silicon	28-1	131.27	125.98	127.51	128.25	2.13	ppb
Silver	107-1	8.85	8.81	9.17	8.94	2.16	ppb
Silver	109-1	8.64	8.60	9.11	8.79	3.23	ppb
Sodium	23-2	85.74	73.75	79.52	79.67	7.52	ppb
Strontium	86-1	3.27	2.92	3.12	3.10	5.69	ppb
Strontium	88-1	3.05	3.13	3.22	3.13	2.64	ppb
Sulfur	34-1	1534.31	981.20	1114.42	1209.98	23.86	ppb
Terbium	159-1				104		%
Terbium	159-2				106		%
Thallium	203-1	-0.10	-0.11	-0.08	-0.10		ppb
Thallium	205-1	-0.11	-0.13	-0.13	-0.13		ppb
Tin	118-1	-3.63	-3.69	-3.53	-3.62		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-16DL2X25	Instrumnet Name :	P8
Client Sample ID :	MH1G77	Dilution Factor :	25
Date & Time Acquired ::	2021-12-16 22:09:24	DataFile Name :	179AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	6.71	6.30	6.97	6.66	5.11	ppb
Uranium	238-1	0.16	0.17	0.15	0.16	6.88	ppb
Vanadium	51-2	1.04	1.01	1.03	1.03	1.38	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				107		%
Zinc	66-2	5779.74	5752.36	5697.75	5743.29	0.73	ppb
Zirconium	90-1	0.14	0.13	0.13	0.13	2.78	ppb
Zirconium	91-1	0.12	0.12	0.17	0.14	18.50	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-18DL2X25	Instrumnet Name :	P8
Client Sample ID :	MH1G77D	Dilution Factor :	25
Date & Time Acquired ::	2021-12-16 22:12:25	DataFile Name :	180AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	217.12	225.85	214.68	219.22	2.68	ppb
Antimony	121-1	52.57	51.72	49.26	51.18	3.36	ppb
Arsenic	75-2	53.48	58.87	54.68	55.68	5.08	ppb
Barium	135-1	5.45	5.36	5.36	5.39	0.93	ppb
Barium	137-1	5.70	5.77	5.59	5.69	1.59	ppb
Beryllium	9-1	0.00	-0.02	-0.05	-0.02		ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Boron	10-1	2.64	1.99	2.76	2.46	16.87	ppb
Boron	11-1	1.95	1.94	2.10	2.00	4.49	ppb
Bromine	81-1						cps
Cadmium	111-1	26.06	25.67	25.79	25.84	0.77	ppb
Cadmium	106-1	22.22	21.54	23.22	22.33	3.77	ppb
Cadmium	108-1	24.53	22.51	21.42	22.82	6.91	ppb
Calcium	43-1	1646.34	1677.68	1649.98	1658.00	1.03	ppb
Calcium	44-1	1625.70	1682.44	1665.67	1657.94	1.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.81	0.73	0.67	0.74	9.91	ppb
Cobalt	59-2	0.39	0.38	0.41	0.39	3.84	ppb
Copper	63-2	114.63	120.45	110.18	115.09	4.47	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				103		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	54-2	1601.90	1678.33	1572.31	1617.51	3.38	ppb
Iron	56-2	1713.56	1744.62	1630.33	1696.17	3.48	ppb
Iron	57-2	1649.16	1683.67	1535.01	1622.61	4.80	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-18DL2X25	Instrumnet Name :	P8
Client Sample ID :	MH1G77D	Dilution Factor :	25
Date & Time Acquired ::	2021-12-16 22:12:25	DataFile Name :	180AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1343.24	1388.00	1384.84	1372.02	1.82	ppb
Lead	207-1	1394.73	1370.24	1405.71	1390.23	1.31	ppb
Lead	208-1	1375.05	1353.11	1375.73	1367.96	0.94	ppb
Lithium	6-1				109		%
Magnesium	24-2	496.61	519.43	484.81	500.29	3.52	ppb
Manganese	55-2	245.63	262.88	244.99	251.17	4.04	ppb
Molybdenum	94-1	0.49	0.41	0.50	0.47	10.63	ppb
Molybdenum	95-1	0.31	0.33	0.37	0.34	8.70	ppb
Molybdenum	96-1	0.27	0.36	0.36	0.33	15.95	ppb
Molybdenum	97-1	0.38	0.38	0.41	0.39	3.63	ppb
Molybdenum	98-1	0.40	0.35	0.37	0.37	5.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.49	0.50	0.48	0.49	1.56	ppb
Phosphorus	31-2	2.27	32.49	32.31	22.36	77.83	ppb
Potassium	39-2	6.97	8.71	5.96	7.21	19.30	ppb
Rhodium	103-1				100		%
Rhodium	103-2				108		%
Scandium	45-1				103		%
Scandium	45-2				106		%
Selenium	82-1	1.32	0.87	1.16	1.12	20.44	ppb
Selenium	77-2	0.00	0.00	2.74	0.91	173.21	ppb
Selenium	78-2	1.30	3.34	0.22	1.62	97.65	ppb
Silicon	28-1	116.99	120.04	119.27	118.77	1.34	ppb
Silver	107-1	8.14	8.19	8.15	8.16	0.29	ppb
Silver	109-1	8.32	8.31	8.24	8.29	0.53	ppb
Sodium	23-2	77.53	77.51	75.60	76.88	1.45	ppb
Strontium	86-1	2.68	2.80	2.92	2.80	4.22	ppb
Strontium	88-1	2.70	2.74	2.86	2.77	2.87	ppb
Sulfur	34-1	1273.88	1483.47	1418.98	1392.11	7.71	ppb
Terbium	159-1				102		%
Terbium	159-2				104		%
Thallium	203-1	-0.11	-0.10	-0.13	-0.11		ppb
Thallium	205-1	-0.14	-0.13	-0.11	-0.13		ppb
Tin	118-1	-3.62	-3.68	-3.70	-3.67		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-18DL2X25	Instrumnet Name :	P8
Client Sample ID :	MH1G77D	Dilution Factor :	25
Date & Time Acquired ::	2021-12-16 22:12:25	DataFile Name :	180AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.61	5.61	5.39	5.54	2.35	ppb
Uranium	238-1	0.15	0.14	0.15	0.15	2.71	ppb
Vanadium	51-2	0.88	1.03	0.91	0.94	8.23	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	5252.67	5410.71	5232.65	5298.67	1.84	ppb
Zirconium	90-1	0.11	0.09	0.11	0.10	8.69	ppb
Zirconium	91-1	0.11	0.14	0.09	0.11	22.75	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-16LDL2X125	Instrumnet Name :	P8
Client Sample ID :	MH1G77L	Dilution Factor :	125
Date & Time Acquired ::	2021-12-16 22:15:28	DataFile Name :	181AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47.38	45.30	46.52	46.40	2.26	ppb
Antimony	121-1	10.78	10.68	11.03	10.83	1.68	ppb
Arsenic	75-2	10.71	12.32	11.43	11.49	7.02	ppb
Barium	135-1	1.19	1.36	1.22	1.26	7.34	ppb
Barium	137-1	1.30	1.24	1.26	1.27	2.13	ppb
Beryllium	9-1	-0.05	-0.06	0.01	-0.03		ppb
Bismuth	209-1				102		%
Bismuth	209-2				104		%
Boron	10-1	0.96	0.70	1.09	0.92	21.87	ppb
Boron	11-1	0.72	0.59	0.85	0.72	18.19	ppb
Bromine	81-1						cps
Cadmium	111-1	5.63	5.35	5.58	5.52	2.71	ppb
Cadmium	106-1	3.98	3.01	4.90	3.97	23.86	ppb
Cadmium	108-1	5.00	5.11	4.31	4.81	8.97	ppb
Calcium	43-1	367.26	376.92	364.06	369.41	1.81	ppb
Calcium	44-1	350.82	370.68	359.61	360.37	2.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.10	0.11	0.15	0.12	21.65	ppb
Cobalt	59-2	0.07	0.08	0.06	0.07	12.42	ppb
Copper	63-2	23.48	25.06	24.27	24.27	3.27	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				103		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	54-2	333.61	345.59	335.63	338.28	1.90	ppb
Iron	56-2	345.05	350.60	339.38	345.01	1.63	ppb
Iron	57-2	350.66	350.26	333.28	344.73	2.88	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-16LDL2X125	Instrumnet Name :	P8
Client Sample ID :	MH1G77L	Dilution Factor :	125
Date & Time Acquired ::	2021-12-16 22:15:28	DataFile Name :	181AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	275.47	263.64	262.71	267.28	2.66	ppb
Lead	207-1	270.85	267.34	267.27	268.49	0.76	ppb
Lead	208-1	282.24	280.98	280.55	281.26	0.31	ppb
Lithium	6-1				112		%
Magnesium	24-2	91.04	94.66	98.32	94.67	3.84	ppb
Manganese	55-2	50.46	52.71	52.74	51.97	2.52	ppb
Molybdenum	94-1	0.08	0.07	0.04	0.07	28.78	ppb
Molybdenum	95-1	0.04	0.05	0.07	0.06	25.84	ppb
Molybdenum	96-1	0.08	0.02	0.05	0.05	54.68	ppb
Molybdenum	97-1	0.08	0.13	0.06	0.09	37.23	ppb
Molybdenum	98-1	0.07	0.06	0.06	0.06	12.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.08	0.08	0.06	0.07	21.68	ppb
Phosphorus	31-2	-61.44	-38.74	-35.85	-45.34		ppb
Potassium	39-2	-4.82	-0.52	4.67	-0.23		ppb
Rhodium	103-1				101		%
Rhodium	103-2				107		%
Scandium	45-1				102		%
Scandium	45-2				105		%
Selenium	82-1	0.67	2.50	-0.07	1.03	127.90	ppb
Selenium	77-2	0.00	2.82	0.00	0.94	173.21	ppb
Selenium	78-2	1.41	-0.26	0.10	0.42	210.96	ppb
Silicon	28-1	25.65	30.14	28.86	28.22	8.20	ppb
Silver	107-1	1.65	1.75	1.74	1.71	3.01	ppb
Silver	109-1	1.72	1.73	1.75	1.73	0.98	ppb
Sodium	23-2	30.48	29.53	29.18	29.73	2.26	ppb
Strontium	86-1	0.56	0.62	0.66	0.61	8.35	ppb
Strontium	88-1	0.56	0.60	0.60	0.59	3.50	ppb
Sulfur	34-1	515.33	706.02	670.91	630.75	16.09	ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	-0.19	-0.16	-0.19	-0.18		ppb
Thallium	205-1	-0.17	-0.19	-0.19	-0.19		ppb
Tin	118-1	-3.74	-3.64	-3.83	-3.74		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-16LDL2X125	Instrumnet Name :	P8
Client Sample ID :	MH1G77L	Dilution Factor :	125
Date & Time Acquired ::	2021-12-16 22:15:28	DataFile Name :	181AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.07	1.32	1.34	1.24	12.01	ppb
Uranium	238-1	0.03	0.04	0.03	0.04	4.08	ppb
Vanadium	51-2	0.17	0.20	0.19	0.19	7.77	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				104		%
Zinc	66-2	1140.23	1160.14	1127.36	1142.58	1.45	ppb
Zirconium	90-1	0.00	0.00	0.02	0.01	135.94	ppb
Zirconium	91-1	0.02	0.03	0.02	0.02	12.89	ppb

LB Number : LB117862 Operator : Jaswal
 Lab Sample ID : M5043-19DL2X25 Instrumnet Name : P8
 Client Sample ID : MH1G77S Dilution Factor : 25
 Date & Time Acquired :: 2021-12-16 22:18:31 DataFile Name : 182AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	198.73	202.19	198.67	199.86	1.01	ppb
Antimony	121-1	52.57	46.83	46.14	48.51	7.28	ppb
Arsenic	75-2	40.98	41.39	41.77	41.38	0.96	ppb
Barium	135-1	23.08	21.29	20.93	21.77	5.30	ppb
Barium	137-1	23.80	21.60	21.35	22.25	6.04	ppb
Beryllium	9-1	0.42	0.39	0.42	0.41	3.89	ppb
Bismuth	209-1				98		%
Bismuth	209-2				106		%
Boron	10-1	2.06	1.31	1.97	1.78	23.04	ppb
Boron	11-1	1.23	0.77	1.09	1.03	23.11	ppb
Bromine	81-1						cps
Cadmium	111-1	24.90	22.97	21.26	23.05	7.90	ppb
Cadmium	106-1	20.67	17.62	18.17	18.82	8.63	ppb
Cadmium	108-1	23.42	22.16	19.24	21.61	9.92	ppb
Calcium	43-1	1479.17	1320.22	1255.10	1351.49	8.53	ppb
Calcium	44-1	1472.14	1319.01	1230.78	1340.64	9.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.08	2.13	2.23	2.15	3.66	ppb
Cobalt	59-2	4.50	4.36	4.26	4.37	2.78	ppb
Copper	63-2	93.95	90.59	91.20	91.91	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				99		%
Holmium	165-2				106		%
Indium	115-1				99		%
Indium	115-2				104		%
Iron	54-2	1178.60	1162.77	1147.89	1163.09	1.32	ppb
Iron	56-2	1237.72	1179.27	1224.58	1213.86	2.53	ppb
Iron	57-2	1208.51	1168.25	1222.88	1199.88	2.36	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-19DL2X25	Instrumnet Name :	P8
Client Sample ID :	MH1G77S	Dilution Factor :	25
Date & Time Acquired ::	2021-12-16 22:18:31	DataFile Name :	182AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1286.53	1167.97	1127.05	1193.85	6.94	ppb
Lead	207-1	1289.65	1151.96	1132.17	1191.26	7.20	ppb
Lead	208-1	1270.21	1159.93	1114.55	1181.56	6.77	ppb
Lithium	6-1				104		%
Magnesium	24-2	410.96	418.25	413.82	414.34	0.89	ppb
Manganese	55-2	228.32	221.90	222.27	224.16	1.61	ppb
Molybdenum	94-1	0.51	0.36	0.25	0.37	34.64	ppb
Molybdenum	95-1	0.23	0.23	0.24	0.23	1.48	ppb
Molybdenum	96-1	0.27	0.29	0.24	0.27	8.67	ppb
Molybdenum	97-1	0.38	0.28	0.24	0.30	23.02	ppb
Molybdenum	98-1	0.20	0.26	0.20	0.22	16.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.62	4.78	4.32	4.57	5.03	ppb
Phosphorus	31-2	51.55	-4.50	30.87	25.98	109.11	ppb
Potassium	39-2	0.88	17.05	15.23	11.05	80.14	ppb
Rhodium	103-1				96		%
Rhodium	103-2				108		%
Scandium	45-1				100		%
Scandium	45-2				107		%
Selenium	82-1	3.08	1.04	2.56	2.23	47.71	ppb
Selenium	77-2	1.36	0.00	1.39	0.91	86.62	ppb
Selenium	78-2	0.30	1.93	5.26	2.50	101.20	ppb
Silicon	28-1	102.56	87.83	80.30	90.23	12.55	ppb
Silver	107-1	9.01	8.50	8.29	8.60	4.35	ppb
Silver	109-1	9.09	8.45	8.25	8.59	5.12	ppb
Sodium	23-2	59.88	58.64	59.10	59.21	1.06	ppb
Strontium	86-1	2.61	2.46	2.31	2.46	6.12	ppb
Strontium	88-1	2.55	2.37	2.25	2.39	6.29	ppb
Sulfur	34-1	2594.24	1543.88	617.04	1585.05	62.41	ppb
Terbium	159-1				97		%
Terbium	159-2				106		%
Thallium	203-1	0.33	0.32	0.27	0.31	11.11	ppb
Thallium	205-1	0.37	0.29	0.32	0.33	13.63	ppb
Tin	118-1	-3.47	-3.60	-3.61	-3.56		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-19DL2X25	Instrumnet Name :	P8
Client Sample ID :	MH1G77S	Dilution Factor :	25
Date & Time Acquired ::	2021-12-16 22:18:31	DataFile Name :	182AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	6.13	5.13	5.67	5.65	8.89	ppb
Uranium	238-1	0.15	0.13	0.15	0.15	6.78	ppb
Vanadium	51-2	4.90	4.77	5.02	4.90	2.60	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				106		%
Zinc	66-2	4179.98	4080.42	4181.27	4147.22	1.40	ppb
Zirconium	90-1	0.11	0.10	0.09	0.10	9.48	ppb
Zirconium	91-1	0.08	0.12	0.14	0.11	23.59	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-12DLX2	Instrumnet Name :	P8
Client Sample ID :	MH1G73	Dilution Factor :	2
Date & Time Acquired ::	2021-12-16 22:21:34	DataFile Name :	183AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	906.56	882.07	884.65	891.09	1.51	ppb
Antimony	121-1	401.06	419.13	421.64	413.94	2.71	ppb
Arsenic	75-2	599.64	580.58	579.89	586.70	1.91	ppb
Barium	135-1	28.48	27.43	28.38	28.10	2.06	ppb
Barium	137-1	28.22	28.20	29.70	28.71	2.98	ppb
Beryllium	9-1	0.04	0.07	0.07	0.06	28.43	ppb
Bismuth	209-1				103		%
Bismuth	209-2				106		%
Boron	10-1	1.76	2.94	2.63	2.45	24.98	ppb
Boron	11-1	1.81	2.35	2.33	2.16	14.22	ppb
Bromine	81-1						cps
Cadmium	111-1	873.19	878.26	890.67	880.71	1.02	ppb
Cadmium	106-1	746.45	758.93	773.02	759.47	1.75	ppb
Cadmium	108-1	776.47	780.48	805.68	787.54	2.01	ppb
Calcium	43-1	44293.90	42525.46	45158.40	43992.59	3.05	ppb
Calcium	44-1	43899.47	43665.39	43298.54	43621.13	0.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	23.88	23.41	23.50	23.60	1.05	ppb
Cobalt	59-2	9.43	9.35	9.25	9.34	0.95	ppb
Copper	63-2	857.95	810.86	844.02	837.61	2.89	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				106		%
Holmium	165-2				107		%
Indium	115-1				103		%
Indium	115-2				105		%
Iron	54-2	45030.00	46115.80	45771.72	45639.17	1.22	ppb
Iron	56-2	46769.68	45705.45	45247.08	45907.41	1.70	ppb
Iron	57-2	47967.95	44121.36	45314.87	45801.40	4.30	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-12DLX2	Instrumnet Name :	P8
Client Sample ID :	MH1G73	Dilution Factor :	2
Date & Time Acquired ::	2021-12-16 22:21:34	DataFile Name :	183AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	17960.24	17663.72	17766.46	17796.81	0.85	ppb
Lead	207-1	17341.21	17256.41	17399.29	17332.31	0.41	ppb
Lead	208-1	17386.92	17562.66	17429.29	17459.62	0.53	ppb
Lithium	6-1				114		%
Magnesium	24-2	16438.98	15910.15	16195.37	16181.50	1.64	ppb
Manganese	55-2	2583.79	2646.33	2666.64	2632.25	1.64	ppb
Molybdenum	94-1	4.83	5.46	5.15	5.15	6.09	ppb
Molybdenum	95-1	2.48	2.40	2.47	2.45	1.73	ppb
Molybdenum	96-1	2.94	2.95	3.02	2.97	1.46	ppb
Molybdenum	97-1	2.23	2.39	2.35	2.32	3.63	ppb
Molybdenum	98-1	2.22	2.17	2.29	2.23	2.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.42	7.10	7.49	7.33	2.81	ppb
Phosphorus	31-2	4622.59	4690.64	5001.64	4771.63	4.24	ppb
Potassium	39-2	461.84	431.57	451.12	448.18	3.43	ppb
Rhodium	103-1				103		%
Rhodium	103-2				108		%
Scandium	45-1				107		%
Scandium	45-2				111		%
Selenium	82-1	6.83	6.05	6.61	6.50	6.11	ppb
Selenium	77-2	17.55	11.81	9.25	12.87	33.03	ppb
Selenium	78-2	9.14	7.03	9.08	8.42	14.25	ppb
Silicon	28-1	346.67	268.81	277.92	297.80	14.29	ppb
Silver	107-1	73.63	71.03	75.13	73.26	2.83	ppb
Silver	109-1	72.86	74.87	75.25	74.33	1.73	ppb
Sodium	23-2	182.67	179.81	189.26	183.91	2.64	ppb
Strontium	86-1	31.41	29.60	32.01	31.01	4.04	ppb
Strontium	88-1	31.33	30.68	32.13	31.38	2.32	ppb
Sulfur	34-1	43735.25	41213.99	41765.04	42238.09	3.14	ppb
Terbium	159-1				103		%
Terbium	159-2				107		%
Thallium	203-1	2.01	1.97	2.09	2.02	3.01	ppb
Thallium	205-1	2.05	2.21	2.23	2.16	4.39	ppb
Tin	118-1	0.23	0.47	0.43	0.38	34.16	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-12DLX2	Instrumnet Name :	P8
Client Sample ID :	MH1G73	Dilution Factor :	2
Date & Time Acquired ::	2021-12-16 22:21:34	DataFile Name :	183AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	25.48	23.94	25.68	25.04	3.80	ppb
Uranium	238-1	2.88	2.88	2.95	2.90	1.39	ppb
Vanadium	51-2	10.47	10.26	10.44	10.39	1.07	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				109		%
Zinc	66-2	143787.42	140038.48	138557.77	140794.56	1.91	ppb
Zirconium	90-1	1.66	1.63	1.74	1.68	3.47	ppb
Zirconium	91-1	1.78	1.77	1.84	1.80	2.25	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-17DLX5	Instrumnet Name :	P8
Client Sample ID :	MH1G78	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 22:24:28	DataFile Name :	184AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2198.50	2196.30	2201.96	2198.92	0.13	ppb
Antimony	121-1	71.78	76.43	73.70	73.97	3.16	ppb
Arsenic	75-2	174.52	171.89	172.06	172.82	0.85	ppb
Barium	135-1	32.09	35.37	34.40	33.96	4.95	ppb
Barium	137-1	32.14	35.24	34.39	33.93	4.71	ppb
Beryllium	9-1	0.15	0.15	0.14	0.14	3.01	ppb
Bismuth	209-1				100		%
Bismuth	209-2				105		%
Boron	10-1	2.21	3.49	3.09	2.93	22.43	ppb
Boron	11-1	2.14	2.68	2.51	2.44	11.35	ppb
Bromine	81-1						cps
Cadmium	111-1	33.17	35.71	35.53	34.80	4.08	ppb
Cadmium	106-1	33.31	26.88	27.86	29.35	11.80	ppb
Cadmium	108-1	30.39	32.71	28.70	30.60	6.58	ppb
Calcium	43-1	10401.29	11515.56	11138.60	11018.48	5.14	ppb
Calcium	44-1	10488.34	11520.71	11036.03	11015.03	4.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5.66	5.55	5.91	5.71	3.24	ppb
Cobalt	59-2	11.10	10.91	11.34	11.12	1.95	ppb
Copper	63-2	179.50	171.01	176.73	175.75	2.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				107		%
Indium	115-1				100		%
Indium	115-2				105		%
Iron	54-2	40704.63	40239.03	40321.32	40421.66	0.61	ppb
Iron	56-2	41755.23	40723.26	41807.76	41428.75	1.48	ppb
Iron	57-2	40703.37	39525.04	40187.97	40138.79	1.47	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-17DLX5	Instrumnet Name :	P8
Client Sample ID :	MH1G78	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 22:24:28	DataFile Name :	184AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2963.32	3220.03	3167.63	3116.99	4.35	ppb
Lead	207-1	2958.79	3172.95	3160.99	3097.58	3.88	ppb
Lead	208-1	2926.97	3204.14	3190.69	3107.27	5.03	ppb
Lithium	6-1				107		%
Magnesium	24-2	2997.17	2874.15	2860.05	2910.46	2.59	ppb
Manganese	55-2	1013.00	1019.23	1010.40	1014.21	0.45	ppb
Molybdenum	94-1	2.74	3.41	3.30	3.15	11.43	ppb
Molybdenum	95-1	2.89	3.00	2.93	2.94	1.93	ppb
Molybdenum	96-1	3.12	3.17	3.38	3.22	4.40	ppb
Molybdenum	97-1	2.71	2.97	3.03	2.90	5.77	ppb
Molybdenum	98-1	2.67	2.97	2.99	2.88	6.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.43	7.69	7.42	7.52	1.99	ppb
Phosphorus	31-2	1002.75	1031.38	958.49	997.54	3.68	ppb
Potassium	39-2	345.09	334.90	335.03	338.34	1.73	ppb
Rhodium	103-1				98		%
Rhodium	103-2				111		%
Scandium	45-1				101		%
Scandium	45-2				109		%
Selenium	82-1	10.95	11.17	11.49	11.21	2.42	ppb
Selenium	77-2	15.91	9.04	16.80	13.92	30.53	ppb
Selenium	78-2	10.52	11.14	8.78	10.15	12.06	ppb
Silicon	28-1	441.97	1112.28	498.35	684.20	54.34	ppb
Silver	107-1	13.97	15.22	14.74	14.65	4.31	ppb
Silver	109-1	14.13	14.87	14.68	14.56	2.63	ppb
Sodium	23-2	263.75	255.53	252.13	257.14	2.32	ppb
Strontium	86-1	28.49	31.15	30.33	29.99	4.55	ppb
Strontium	88-1	28.28	30.66	30.05	29.66	4.15	ppb
Sulfur	34-1	22671.79	26276.79	24821.74	24590.11	7.38	ppb
Terbium	159-1				100		%
Terbium	159-2				105		%
Thallium	203-1	0.53	0.66	0.64	0.61	11.78	ppb
Thallium	205-1	0.59	0.67	0.68	0.65	7.45	ppb
Tin	118-1	-2.81	-2.57	-2.66	-2.68		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-17DLX5	Instrumnet Name :	P8
Client Sample ID :	MH1G78	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 22:24:28	DataFile Name :	184AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	35.65	40.53	39.62	38.60	6.72	ppb
Uranium	238-1	0.74	0.83	0.84	0.81	6.59	ppb
Vanadium	51-2	10.13	9.96	10.66	10.25	3.55	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				112		%
Zinc	66-2	6011.25	5909.81	5856.18	5925.75	1.33	ppb
Zirconium	90-1	0.38	0.37	0.35	0.37	4.02	ppb
Zirconium	91-1	0.42	0.45	0.45	0.44	4.01	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-21DLX5	Instrumnet Name :	P8
Client Sample ID :	C00Z0	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 22:27:29	DataFile Name :	185AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	853.40	845.04	831.73	843.39	1.30	ppb
Antimony	121-1	0.07	0.07	0.05	0.06	15.07	ppb
Arsenic	75-2	0.82	0.74	0.75	0.77	5.94	ppb
Barium	135-1	21.72	23.23	23.71	22.89	4.53	ppb
Barium	137-1	22.57	24.15	23.94	23.56	3.64	ppb
Beryllium	9-1	0.00	0.01	-0.02	0.00		ppb
Bismuth	209-1				102		%
Bismuth	209-2				103		%
Boron	10-1	3.42	3.72	4.12	3.75	9.27	ppb
Boron	11-1	3.29	3.25	3.62	3.39	5.94	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.01	0.04	0.06	0.03	115.52	ppb
Cadmium	106-1	-0.16	0.23	-1.60	-0.51		ppb
Cadmium	108-1	-0.19	-0.49	-0.27	-0.31		ppb
Calcium	43-1	6623.64	6548.25	6627.40	6599.76	0.68	ppb
Calcium	44-1	6737.49	6582.58	6636.24	6652.10	1.18	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.25	1.21	1.24	1.23	1.90	ppb
Cobalt	59-2	6.33	6.47	6.39	6.40	1.12	ppb
Copper	63-2	1.78	1.86	1.79	1.81	2.37	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				105		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	54-2	2650.71	2713.27	2574.02	2646.00	2.64	ppb
Iron	56-2	2836.09	2805.51	2655.58	2765.73	3.49	ppb
Iron	57-2	2685.62	2630.05	2572.20	2629.29	2.16	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-21DLX5	Instrumnet Name :	P8
Client Sample ID :	C00Z0	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 22:27:29	DataFile Name :	185AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4.03	3.56	3.05	3.54	13.83	ppb
Lead	207-1	3.99	3.79	3.09	3.62	13.02	ppb
Lead	208-1	4.00	3.53	3.10	3.54	12.72	ppb
Lithium	6-1				111		%
Magnesium	24-2	2429.10	2406.97	2380.99	2405.69	1.00	ppb
Manganese	55-2	4201.66	4063.24	3852.55	4039.15	4.35	ppb
Molybdenum	94-1	0.41	0.52	0.54	0.49	14.30	ppb
Molybdenum	95-1	0.18	0.19	0.17	0.18	5.81	ppb
Molybdenum	96-1	0.15	0.09	0.13	0.12	23.75	ppb
Molybdenum	97-1	0.08	0.09	0.15	0.11	33.98	ppb
Molybdenum	98-1	0.10	0.10	0.13	0.11	13.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.39	1.31	1.27	1.32	4.55	ppb
Phosphorus	31-2	-16.65	-63.03	-59.73	-46.47		ppb
Potassium	39-2	706.58	740.98	692.73	713.43	3.48	ppb
Rhodium	103-1				102		%
Rhodium	103-2				107		%
Scandium	45-1				105		%
Scandium	45-2				108		%
Selenium	82-1	1.19	0.21	0.18	0.53	109.87	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.51	1.05	0.29	0.61	63.54	ppb
Silicon	28-1	987.68	973.30	1019.45	993.47	2.38	ppb
Silver	107-1	0.06	0.04	0.03	0.04	33.77	ppb
Silver	109-1	0.04	0.04	0.04	0.04	6.37	ppb
Sodium	23-2	1482.51	1449.68	1428.54	1453.57	1.87	ppb
Strontium	86-1	60.07	60.56	62.04	60.89	1.68	ppb
Strontium	88-1	58.67	61.52	61.40	60.53	2.67	ppb
Sulfur	34-1	1529.45	1341.56	1521.85	1464.29	7.26	ppb
Terbium	159-1				103		%
Terbium	159-2				106		%
Thallium	203-1	-0.18	-0.18	-0.17	-0.18		ppb
Thallium	205-1	-0.17	-0.18	-0.19	-0.18		ppb
Tin	118-1	-3.87	-3.91	-3.88	-3.89		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-21DLX5	Instrumnet Name :	P8
Client Sample ID :	C00Z0	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 22:27:29	DataFile Name :	185AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	9.26	9.05	9.03	9.11	1.39	ppb
Uranium	238-1	0.07	0.07	0.08	0.07	7.28	ppb
Vanadium	51-2	1.40	1.38	1.33	1.37	2.50	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	10.56	9.54	8.92	9.67	8.58	ppb
Zirconium	90-1	0.22	0.27	0.24	0.24	10.63	ppb
Zirconium	91-1	0.22	0.26	0.22	0.23	10.93	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	CCV071	Instrumnet Name :	P8
Client Sample ID :	CCV071	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 22:30:28	DataFile Name :	186CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53169.91	50793.96	49920.95	51294.94	3.28	ppb
Antimony	121-1	508.93	505.10	499.82	504.61	0.91	ppb
Arsenic	75-2	492.47	509.54	506.48	502.83	1.81	ppb
Barium	135-1	2650.78	2573.43	2643.85	2622.69	1.63	ppb
Barium	137-1	2641.64	2533.24	2622.22	2599.03	2.22	ppb
Beryllium	9-1	519.86	522.94	503.59	515.47	2.02	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Boron	10-1	501.23	528.68	547.79	525.90	4.45	ppb
Boron	11-1	499.41	537.86	539.52	525.60	4.32	ppb
Bromine	81-1						cps
Cadmium	111-1	504.32	489.88	492.35	495.52	1.56	ppb
Cadmium	106-1	491.32	483.72	503.79	492.94	2.06	ppb
Cadmium	108-1	514.48	500.99	487.45	500.97	2.70	ppb
Calcium	43-1	255679.80	258546.21	250954.87	255060.29	1.50	ppb
Calcium	44-1	251306.78	250304.15	251464.00	251024.98	0.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	488.54	492.96	471.96	484.49	2.29	ppb
Cobalt	59-2	495.07	497.37	469.59	487.34	3.16	ppb
Copper	63-2	4760.88	4909.43	4722.99	4797.76	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				104		%
Holmium	165-2				108		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	54-2	123759.46	127038.09	121252.52	124016.69	2.34	ppb
Iron	56-2	125351.34	126252.04	120927.55	124176.98	2.30	ppb
Iron	57-2	126517.60	126135.98	124516.15	125723.24	0.85	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	CCV071	Instrumnet Name :	P8
Client Sample ID :	CCV071	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 22:30:28	DataFile Name :	186CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2640.21	2605.10	2577.44	2607.58	1.21	ppb
Lead	207-1	2646.73	2573.06	2561.92	2593.90	1.78	ppb
Lead	208-1	2645.49	2545.57	2524.37	2571.81	2.52	ppb
Lithium	6-1				109		%
Magnesium	24-2	259098.79	256128.36	250314.20	255180.45	1.75	ppb
Manganese	55-2	4980.74	5209.06	4764.37	4984.72	4.46	ppb
Molybdenum	94-1	5563.05	5597.90	5577.52	5579.49	0.31	ppb
Molybdenum	95-1	5665.17	5595.68	5776.62	5679.16	1.61	ppb
Molybdenum	96-1	5438.08	5419.48	5730.16	5529.24	3.15	ppb
Molybdenum	97-1	5495.96	5461.15	5653.84	5536.98	1.85	ppb
Molybdenum	98-1	5620.77	5498.65	5929.72	5683.05	3.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	489.22	491.63	474.01	484.95	1.97	ppb
Phosphorus	31-2	9855.01	10366.22	10153.56	10124.93	2.54	ppb
Potassium	39-2	128007.10	131503.01	122179.33	127229.82	3.70	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				105		%
Scandium	45-2				110		%
Selenium	82-1	506.68	512.11	526.87	515.22	2.03	ppb
Selenium	77-2	484.39	495.44	564.07	514.63	8.39	ppb
Selenium	78-2	509.57	513.67	528.62	517.28	1.94	ppb
Silicon	28-1	448.92	476.78	473.74	466.48	3.28	ppb
Silver	107-1	517.45	508.66	494.28	506.80	2.31	ppb
Silver	109-1	534.20	518.79	530.40	527.80	1.52	ppb
Sodium	23-2	263727.88	253700.82	256770.12	258066.27	1.99	ppb
Strontium	86-1	4893.37	4883.93	5009.43	4928.91	1.42	ppb
Strontium	88-1	4924.28	4924.75	5095.51	4981.51	1.98	ppb
Sulfur	34-1	10069.77	10577.69	9404.05	10017.17	5.88	ppb
Terbium	159-1				104		%
Terbium	159-2				108		%
Thallium	203-1	527.75	524.90	510.41	521.02	1.78	ppb
Thallium	205-1	538.05	518.67	509.11	521.94	2.82	ppb
Tin	118-1	532.32	513.98	517.01	521.10	1.89	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	CCV071	Instrumnet Name :	P8
Client Sample ID :	CCV071	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 22:30:28	DataFile Name :	186CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5596.64	5658.07	5583.50	5612.73	0.71	ppb
Uranium	238-1	528.27	513.39	513.58	518.41	1.65	ppb
Vanadium	51-2	503.83	508.02	485.30	499.05	2.42	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				107		%
Zinc	66-2	4761.37	4919.67	4646.13	4775.72	2.88	ppb
Zirconium	90-1	525.60	500.74	529.17	518.50	2.99	ppb
Zirconium	91-1	493.53	486.70	519.26	499.83	3.44	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	CCB071	Instrumnet Name :	P8
Client Sample ID :	CCB071	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 22:41:36	DataFile Name :	187CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.43	-0.50	-0.18	-0.37		ppb
Antimony	121-1	0.05	0.02	0.05	0.04	38.05	ppb
Arsenic	75-2	-0.04	-0.07	-0.08	-0.06		ppb
Barium	135-1	0.02	0.04	0.01	0.02	67.59	ppb
Barium	137-1	0.05	0.04	0.01	0.04	59.40	ppb
Beryllium	9-1	-0.03	-0.03	-0.04	-0.03		ppb
Bismuth	209-1				103		%
Bismuth	209-2				104		%
Boron	10-1	4.61	5.47	5.57	5.22	10.12	ppb
Boron	11-1	4.56	4.56	4.49	4.54	0.82	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.11	-0.06	-0.06	-0.08		ppb
Cadmium	106-1	-6.32	-3.57	-3.50	-4.46		ppb
Cadmium	108-1	-0.30	-0.36	-0.44	-0.37		ppb
Calcium	43-1	3.52	0.57	1.55	1.88	79.92	ppb
Calcium	44-1	1.49	-0.34	-1.34	-0.06		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	-0.03	-0.07	-0.02		ppb
Cobalt	59-2	-0.02	-0.02	-0.01	-0.01		ppb
Copper	63-2	0.00	0.09	0.09	0.06	90.75	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				102		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	54-2	0.58	-0.84	0.81	0.18	487.48	ppb
Iron	56-2	1.36	1.04	0.77	1.06	27.93	ppb
Iron	57-2	0.38	1.18	-1.53	0.01	10549.44	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	CCB071	Instrumnet Name :	P8
Client Sample ID :	CCB071	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 22:41:36	DataFile Name :	187CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.57	0.47	0.38	0.48	19.88	ppb
Lead	207-1	0.49	0.46	0.43	0.46	6.26	ppb
Lead	208-1	0.53	0.46	0.45	0.48	9.67	ppb
Lithium	6-1				112		%
Magnesium	24-2	1.49	1.76	1.00	1.42	27.40	ppb
Manganese	55-2	0.11	0.16	0.06	0.11	48.92	ppb
Molybdenum	94-1	0.04	0.03	0.08	0.05	52.23	ppb
Molybdenum	95-1	0.12	0.04	0.06	0.07	56.35	ppb
Molybdenum	96-1	0.04	0.03	0.05	0.04	17.02	ppb
Molybdenum	97-1	0.13	0.08	0.09	0.10	28.14	ppb
Molybdenum	98-1	0.10	0.08	0.08	0.09	16.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.00	-0.02	-0.01		ppb
Phosphorus	31-2	-91.19	-95.63	-82.69	-89.84		ppb
Potassium	39-2	-5.49	-0.06	-1.49	-2.34		ppb
Rhodium	103-1				100		%
Rhodium	103-2				104		%
Scandium	45-1				102		%
Scandium	45-2				104		%
Selenium	82-1	1.01	0.86	0.33	0.73	48.25	ppb
Selenium	77-2	0.00	2.80	0.00	0.93	173.21	ppb
Selenium	78-2	0.15	1.06	1.64	0.95	78.83	ppb
Silicon	28-1	-7.89	-8.62	-8.50	-8.34		ppb
Silver	107-1	0.01	0.00	0.00	0.00	156.37	ppb
Silver	109-1	0.00	0.00	0.00	0.00	307.90	ppb
Sodium	23-2	22.30	20.42	21.07	21.26	4.49	ppb
Strontium	86-1	0.26	0.07	0.15	0.16	56.97	ppb
Strontium	88-1	0.07	0.04	0.04	0.05	30.68	ppb
Sulfur	34-1	212.45	152.86	134.89	166.73	24.35	ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	-0.18	-0.14	-0.17	-0.16		ppb
Thallium	205-1	-0.15	-0.18	-0.18	-0.17		ppb
Tin	118-1	-3.88	-3.85	-3.71	-3.81		ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	CCB071	Instrumnet Name :	P8
Client Sample ID :	CCB071	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 22:41:36	DataFile Name :	187CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.07	0.04	0.12	0.08	52.80	ppb
Uranium	238-1	0.01	0.00	0.01	0.00	34.51	ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	165.90	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				104		%
Zinc	66-2	1.14	1.44	1.37	1.32	12.23	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb
Zirconium	91-1	0.01	0.00	-0.01	0.00	512.06	ppb

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE083	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 11:22:20	DataFile Name :	001SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	149	120	117	129	13.48	cps
Antimony	121-1	825	683	925	811	14.97	cps
Arsenic	75-2	50	51	55	52	5.09	cps
Barium	135-1	108	175	108	131	29.48	cps
Barium	137-1	190	313	332	278	27.68	cps
Beryllium	9-1	492	432	514	479	8.85	cps
Bismuth	209-1	5228066	5213955	5118948	5186990	1.14	cps
Bismuth	209-2	2856515	2779247	2746723	2794161	2.02	cps
Boron	10-1	1154	1032	988	1058	8.13	cps
Boron	11-1	4862	5254	5110	5075	3.91	cps
Bromine	81-1	19604	18722	18552	18959	2.98	cps
Cadmium	111-1	1180	1114	1153	1149	2.92	cps
Cadmium	106-1	5210	4568	4284	4687	10.12	cps
Cadmium	108-1	496	542	500	513	4.95	cps
Calcium	43-1	367	329	360	352	5.84	cps
Calcium	44-1	21749	21795	22073	21872	0.80	cps
Carbon	12-1	3372927	3418951	3519239	3437039	2.18	cps
Carbon	12-2	38251	36722	37649	37540	2.05	cps
Chlorine	35-1	2462599	2407392	2379711	2416567	1.75	cps
Chlorine	35-2	13899	13190	12923	13337	3.78	cps
Chromium	52-2	860	837	743	813	7.59	cps
Cobalt	59-2	237	190	150	192	22.57	cps
Copper	63-2	793	827	823	814	2.25	cps
Dysprosium	156-1	8	25	17	17	50.01	cps
Dysprosium	156-2	0	3	10	4	114.60	cps
Erbium	164-1	42	58	83	61	34.32	cps
Erbium	164-2	30	30	47	36	27.07	cps
Gadolinium	160-1	92	58	58	69	27.72	cps
Gadolinium	160-2	77	67	50	64	20.91	cps
Holmium	165-1	8738529	8656103	8948655	8781096	1.72	cps
Holmium	165-2	4113239	3989812	3907650	4003567	2.58	cps
Indium	115-1	7641847	7639130	7685833	7655603	0.34	cps
Indium	115-2	1092746	1070121	1077221	1080029	1.07	cps
Iron	54-2	467	500	411	459	9.78	cps
Iron	56-2	4384	4429	4401	4404	0.51	cps
Iron	57-2	250	233	178	220	17.16	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE083	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 11:22:20	DataFile Name :	001SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1157	1033	1230	1140	8.72	cps
Lead	206-1	1700	1633	1667	1667	2.00	cps
Lead	207-1	1572	1600	1550	1574	1.59	cps
Lead	208-1	6868	6773	6906	6849	1.00	cps
Lithium	6-1	2517290	2562571	2593173	2557678	1.49	cps
Magnesium	24-2	833	767	683	761	9.87	cps
Manganese	55-2	127	90	113	110	16.87	cps
Molybdenum	94-1	958	958	892	936	4.11	cps
Molybdenum	95-1	1225	1058	1225	1170	8.23	cps
Molybdenum	96-1	1592	1608	1525	1575	2.80	cps
Molybdenum	97-1	808	733	725	756	6.07	cps
Molybdenum	98-1	2059	2034	2009	2034	1.23	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	140	157	133	143	8.38	cps
Phosphorus	31-2	267	208	167	214	23.49	cps
Potassium	39-2	15000	15033	14908	14980	0.43	cps
Rhodium	103-1	7344192	7386520	7464893	7398535	0.83	cps
Rhodium	103-2	3285189	3249868	3242080	3259046	0.70	cps
Scandium	45-1	5593997	5751537	5734962	5693499	1.52	cps
Scandium	45-2	168106	167001	166444	167184	0.51	cps
Selenium	82-1	-18	83	-46	6	1057.79	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	46	40	26	37	27.49	cps
Silicon	28-1	541050	543522	544152	542908	0.30	cps
Silver	107-1	117	100	208	142	41.18	cps
Silver	109-1	100	83	125	103	20.40	cps
Sodium	23-2	13924	14266	13999	14063	1.28	cps
Strontium	86-1	2009	2300	2142	2150	6.79	cps
Strontium	88-1	2092	2234	2325	2217	5.30	cps
Sulfur	34-1	311070	311660	303938	308889	1.39	cps
Terbium	159-1	9390007	9320269	9055154	9255143	1.91	cps
Terbium	159-2	3859097	3871524	3822745	3851122	0.66	cps
Thallium	203-1	5101	4626	4593	4773	5.96	cps
Thallium	205-1	11898	11038	11222	11386	3.97	cps
Tin	118-1	1859	2275	2175	2103	10.35	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE083	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 11:22:20	DataFile Name :	001SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	333	308	350	331	6.34	cps
Uranium	238-1	700	700	858	753	12.14	cps
Vanadium	51-2	73	50	63	62	18.81	cps
Ytterbium	172-1	183	175	150	169	10.24	cps
Ytterbium	172-2	67	50	39	52	26.97	cps
Ytterbium	176-1	1700	1175	1183	1353	22.23	cps
Ytterbium	176-2	5168	5562	5646	5459	4.68	cps
Yttrium	89-1	14402422	14401353	14699718	14501164	1.19	cps
Yttrium	89-2	1417101	1380627	1386335	1394688	1.41	cps
Zinc	66-2	200	200	223	208	6.49	cps
Zirconium	90-1	808	742	842	797	6.39	cps
Zirconium	91-1	167	200	167	178	10.83	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 12:06:59	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	120	91	111	107	13.71	cps
Antimony	121-1	83	108	158	117	32.73	cps
Arsenic	75-2	15	11	11	12	18.72	cps
Barium	135-1	50	33	33	39	24.75	cps
Barium	137-1	63	78	37	59	35.50	cps
Beryllium	9-1	152	148	158	153	3.30	cps
Bismuth	209-1	5326453	5395446	5432601	5384833	1.00	cps
Bismuth	209-2	2827342	2842185	2818650	2829392	0.42	cps
Boron	10-1	346	404	310	353	13.42	cps
Boron	11-1	1846	1844	1684	1791	5.19	cps
Bromine	81-1	18772	18211	17690	18224	2.97	cps
Cadmium	111-1	478	454	499	477	4.70	cps
Cadmium	106-1	3467	3642	3367	3492	3.99	cps
Cadmium	108-1	63	58	71	64	9.96	cps
Calcium	43-1	232	242	239	238	2.12	cps
Calcium	44-1	18649	18497	18543	18563	0.42	cps
Carbon	12-1	3536028	3539680	3594399	3556703	0.92	cps
Carbon	12-2	38660	37490	37800	37983	1.60	cps
Chlorine	35-1	402227	403622	403052	402967	0.17	cps
Chlorine	35-2	2267	2384	2184	2278	4.41	cps
Chromium	52-2	593	573	620	596	3.93	cps
Cobalt	59-2	83	53	103	80	31.46	cps
Copper	63-2	553	507	533	531	4.41	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	42	17	28	45.82	cps
Erbium	164-2	13	33	17	21	50.75	cps
Gadolinium	160-1	42	50	75	56	31.22	cps
Gadolinium	160-2	50	77	73	67	21.80	cps
Holmium	165-1	9110958	8917924	8992898	9007260	1.08	cps
Holmium	165-2	4062018	3927969	3888754	3959580	2.29	cps
Indium	115-1	7970719	7964777	7995455	7976984	0.20	cps
Indium	115-2	1106806	1087893	1072744	1089148	1.57	cps
Iron	54-2	361	339	439	380	13.83	cps
Iron	56-2	2661	2567	2345	2524	6.44	cps
Iron	57-2	172	217	178	189	12.82	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 12:06:59	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1207	1160	1100	1156	4.63	cps
Lead	206-1	756	689	839	761	9.88	cps
Lead	207-1	689	817	678	728	10.61	cps
Lead	208-1	3261	3256	3261	3259	0.10	cps
Lithium	6-1	2618755	2651683	2583094	2617844	1.31	cps
Magnesium	24-2	458	558	508	508	9.84	cps
Manganese	55-2	67	20	43	43	53.85	cps
Molybdenum	94-1	292	483	317	364	28.63	cps
Molybdenum	95-1	100	50	83	78	32.73	cps
Molybdenum	96-1	417	283	300	333	21.80	cps
Molybdenum	97-1	0	42	33	25	88.19	cps
Molybdenum	98-1	175	133	117	142	21.21	cps
Neodymium	150-1	7	20	13	13	49.99	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	50	77	47	58	28.46	cps
Phosphorus	31-2	258	133	242	211	32.15	cps
Potassium	39-2	15025	14566	15008	14866	1.75	cps
Rhodium	103-1	7745933	7618626	7644899	7669819	0.88	cps
Rhodium	103-2	3299489	3268071	3234588	3267383	0.99	cps
Scandium	45-1	5977047	5898214	5752730	5875997	1.94	cps
Scandium	45-2	174927	170679	165968	170525	2.63	cps
Selenium	82-1	-111	5	-41	-49	-119.35	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	36	36	33	35	4.95	cps
Silicon	28-1	555132	553311	555920	554788	0.24	cps
Silver	107-1	125	133	183	147	21.43	cps
Silver	109-1	100	108	200	136	40.77	cps
Sodium	23-2	10963	10371	10879	10738	2.98	cps
Strontium	86-1	1700	1600	1608	1636	3.39	cps
Strontium	88-1	258	275	292	275	6.06	cps
Sulfur	34-1	341030	340477	336501	339336	0.73	cps
Terbium	159-1	9560379	9652057	9597895	9603444	0.48	cps
Terbium	159-2	3861560	3883239	3931598	3892133	0.92	cps
Thallium	203-1	1217	1242	1342	1267	5.22	cps
Thallium	205-1	3050	2992	2967	3003	1.42	cps
Tin	118-1	18989	19423	19548	19320	1.52	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 12:06:59	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	183	158	242	194	21.99	cps
Uranium	238-1	8	8	8	8	0.00	cps
Vanadium	51-2	13	0	10	8	89.21	cps
Ytterbium	172-1	33	33	42	36	13.33	cps
Ytterbium	172-2	22	6	28	19	62.43	cps
Ytterbium	176-1	1067	808	925	933	13.86	cps
Ytterbium	176-2	5184	5101	5929	5405	8.44	cps
Yttrium	89-1	14986686	14870569	14498439	14785231	1.73	cps
Yttrium	89-2	1436270	1413392	1381085	1410249	1.97	cps
Zinc	66-2	127	107	110	114	9.36	cps
Zirconium	90-1	650	875	850	792	15.58	cps
Zirconium	91-1	150	167	175	164	7.77	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 12:13:09	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	795	821	820	812	1.82	cps
Antimony	121-1	8928	9387	9662	9326	3.97	cps
Arsenic	75-2	141	153	138	144	5.51	cps
Barium	135-1	11330	11822	12198	11783	3.69	cps
Barium	137-1	27348	28069	27901	27772	1.36	cps
Beryllium	9-1	1452	1328	1442	1407	4.90	cps
Bismuth	209-1	5416066	5521861	5312342	5416756	1.93	cps
Bismuth	209-2	2875615	2925466	2854859	2885313	1.26	cps
Boron	10-1	2836	2962	3048	2948	3.62	cps
Boron	11-1	13273	14380	14821	14158	5.63	cps
Bromine	81-1	18581	19163	19293	19013	1.99	cps
Cadmium	111-1	1449	1518	1493	1486	2.35	cps
Cadmium	106-1	3576	3826	3559	3653	4.09	cps
Cadmium	108-1	154	133	179	156	14.75	cps
Calcium	43-1	8589	8455	8698	8581	1.42	cps
Calcium	44-1	156538	155119	155100	155586	0.53	cps
Carbon	12-1	3652657	3766423	3723775	3714285	1.55	cps
Carbon	12-2	39688	39629	39462	39593	0.30	cps
Chlorine	35-1	389937	383058	376425	383140	1.76	cps
Chlorine	35-2	2084	2284	2167	2178	4.61	cps
Chromium	52-2	3274	3207	3304	3262	1.52	cps
Cobalt	59-2	2510	2457	2680	2549	4.58	cps
Copper	63-2	4681	4574	4697	4651	1.44	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	67	100	67	50.00	cps
Erbium	164-2	20	27	37	28	30.20	cps
Gadolinium	160-1	92	50	58	67	33.07	cps
Gadolinium	160-2	70	73	67	70	4.76	cps
Holmium	165-1	9181554	9024262	9084224	9096680	0.87	cps
Holmium	165-2	4008579	4009115	3918013	3978569	1.32	cps
Indium	115-1	7902056	8295282	7960462	8052600	2.64	cps
Indium	115-2	1115128	1099081	1097121	1103776	0.90	cps
Iron	54-2	3189	3295	3323	3269	2.15	cps
Iron	56-2	56150	55195	56618	55988	1.30	cps
Iron	57-2	1550	1495	1589	1545	3.07	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 12:13:09	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1097	1157	1103	1119	2.94	cps
Lead	206-1	4217	3973	4179	4123	3.19	cps
Lead	207-1	3562	3595	3651	3602	1.25	cps
Lead	208-1	16566	16538	16532	16545	0.11	cps
Lithium	6-1	2692937	2673229	2664788	2676985	0.54	cps
Magnesium	24-2	56427	54102	55314	55281	2.10	cps
Manganese	55-2	817	710	770	766	6.99	cps
Molybdenum	94-1	11080	10788	10788	10885	1.55	cps
Molybdenum	95-1	13223	12915	13357	13165	1.72	cps
Molybdenum	96-1	14983	15159	15050	15064	0.59	cps
Molybdenum	97-1	8461	8028	8211	8233	2.64	cps
Molybdenum	98-1	21450	21192	21534	21392	0.83	cps
Neodymium	150-1	7	20	7	11	69.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	723	737	743	734	1.39	cps
Phosphorus	31-2	233	208	242	228	7.62	cps
Potassium	39-2	54102	53818	53241	53720	0.82	cps
Rhodium	103-1	7656024	7665147	7702716	7674629	0.32	cps
Rhodium	103-2	3355568	3303042	3294308	3317639	1.00	cps
Scandium	45-1	5989776	6080707	5882186	5984223	1.66	cps
Scandium	45-2	175760	175269	174053	175027	0.50	cps
Selenium	82-1	471	369	416	419	12.19	cps
Selenium	77-2	7	17	13	12	41.65	cps
Selenium	78-2	85	78	81	81	4.32	cps
Silicon	28-1	601317	598550	594629	598165	0.56	cps
Silver	107-1	5710	5785	6135	5876	3.86	cps
Silver	109-1	5593	5868	5693	5718	2.44	cps
Sodium	23-2	117372	115256	117523	116717	1.09	cps
Strontium	86-1	3659	3567	3551	3592	1.62	cps
Strontium	88-1	15459	15367	16727	15851	4.79	cps
Sulfur	34-1	338243	335251	342158	338551	1.02	cps
Terbium	159-1	9770353	9792928	9595411	9719564	1.11	cps
Terbium	159-2	3875666	3960321	3979847	3938612	1.41	cps
Thallium	203-1	5126	5343	5176	5215	2.18	cps
Thallium	205-1	12206	11989	12264	12153	1.19	cps
Tin	118-1	49231	49474	50427	49711	1.27	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 12:13:09	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4493	4601	4543	4545	1.19	cps
Uranium	238-1	11798	12131	12181	12037	1.73	cps
Vanadium	51-2	5808	5858	5885	5850	0.67	cps
Ytterbium	172-1	42	17	25	28	45.82	cps
Ytterbium	172-2	0	11	6	6	99.97	cps
Ytterbium	176-1	1075	933	1125	1045	9.52	cps
Ytterbium	176-2	5268	5540	5612	5473	3.32	cps
Yttrium	89-1	15037869	15216976	15335987	15196944	0.99	cps
Yttrium	89-2	1421592	1444411	1410946	1425650	1.20	cps
Zinc	66-2	567	533	583	561	4.54	cps
Zirconium	90-1	9754	9570	9537	9620	1.21	cps
Zirconium	91-1	2275	2184	2225	2228	2.06	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 12:16:14	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	39712	39005	38330	39016	1.77	cps
Antimony	121-1	245443	247758	247065	246755	0.48	cps
Arsenic	75-2	6682	6724	6443	6617	2.29	cps
Barium	135-1	323321	323846	333191	326786	1.70	cps
Barium	137-1	752468	748364	780348	760393	2.29	cps
Beryllium	9-1	61999	63152	63092	62748	1.03	cps
Bismuth	209-1	5387120	5421538	5639441	5482700	2.50	cps
Bismuth	209-2	3013122	2642804	2869446	2841791	6.57	cps
Boron	10-1	5232	5660	5810	5567	5.39	cps
Boron	11-1	24858	28410	29143	27470	8.34	cps
Bromine	81-1	19464	20576	19343	19795	3.43	cps
Cadmium	111-1	60295	60956	62872	61374	2.18	cps
Cadmium	106-1	10638	10162	10337	10379	2.32	cps
Cadmium	108-1	4880	4909	5176	4988	3.27	cps
Calcium	43-1	95894	98012	95589	96498	1.37	cps
Calcium	44-1	1533972	1590673	1540246	1554964	2.00	cps
Carbon	12-1	3984837	4032455	4064602	4027298	1.00	cps
Carbon	12-2	44376	45145	43825	44449	1.49	cps
Chlorine	35-1	402494	391076	402707	398759	1.67	cps
Chlorine	35-2	2417	2467	2384	2422	1.73	cps
Chromium	52-2	76061	75314	75432	75602	0.53	cps
Cobalt	59-2	138203	137572	133529	136435	1.86	cps
Copper	63-2	1071578	1090406	1088246	1083410	0.95	cps
Dysprosium	156-1	25	17	42	28	45.82	cps
Dysprosium	156-2	20	7	7	11	69.25	cps
Erbium	164-1	108	67	42	72	46.63	cps
Erbium	164-2	23	23	33	27	21.65	cps
Gadolinium	160-1	67	50	75	64	19.92	cps
Gadolinium	160-2	80	100	63	81	22.64	cps
Holmium	165-1	9400362	9208161	9492918	9367147	1.55	cps
Holmium	165-2	4131027	3634899	3947309	3904412	6.42	cps
Indium	115-1	8116467	8038183	8191555	8115402	0.95	cps
Indium	115-2	1127165	1015286	1108757	1083736	5.54	cps
Iron	54-2	166760	167557	164575	166297	0.93	cps
Iron	56-2	2962816	2981323	2949958	2964699	0.53	cps
Iron	57-2	74081	74791	70764	73212	2.94	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 12:16:14	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1240	1180	1017	1146	10.09	cps
Lead	206-1	857025	877486	885926	873479	1.70	cps
Lead	207-1	748180	784115	774696	768997	2.42	cps
Lead	208-1	3512109	3635695	3659826	3602543	2.20	cps
Lithium	6-1	2639914	2654761	2629512	2641396	0.48	cps
Magnesium	24-2	597241	588857	579388	588495	1.52	cps
Manganese	55-2	364960	359969	352661	359197	1.72	cps
Molybdenum	94-1	1056547	1060637	1088563	1068582	1.63	cps
Molybdenum	95-1	1516755	1512824	1530193	1519924	0.60	cps
Molybdenum	96-1	1674209	1668682	1690361	1677751	0.67	cps
Molybdenum	97-1	952927	955016	955737	954560	0.15	cps
Molybdenum	98-1	2422970	2453753	2473960	2450228	1.05	cps
Neodymium	150-1	33	13	20	22	45.83	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	37222	37426	37389	37346	0.29	cps
Phosphorus	31-2	2459	2509	2284	2417	4.89	cps
Potassium	39-2	235590	231885	228852	232109	1.45	cps
Rhodium	103-1	7532928	7788038	7743948	7688305	1.77	cps
Rhodium	103-2	3398345	3114467	3365352	3292721	4.71	cps
Scandium	45-1	5893512	6072946	5797515	5921324	2.36	cps
Scandium	45-2	179999	159200	172007	170402	6.16	cps
Selenium	82-1	4582	4911	5019	4837	4.71	cps
Selenium	77-2	123	107	127	119	9.01	cps
Selenium	78-2	512	494	465	490	4.84	cps
Silicon	28-1	816463	833220	840597	830093	1.49	cps
Silver	107-1	316675	320794	320253	319241	0.70	cps
Silver	109-1	306302	304764	316431	309165	2.05	cps
Sodium	23-2	1126072	1147856	1135246	1136392	0.96	cps
Strontium	86-1	941206	968558	978191	962652	1.99	cps
Strontium	88-1	7802994	8021215	8098640	7974283	1.92	cps
Sulfur	34-1	371411	369794	373968	371724	0.57	cps
Terbium	159-1	9763481	9864697	10099729	9909302	1.74	cps
Terbium	159-2	4199067	3665571	4026071	3963570	6.87	cps
Thallium	203-1	213243	222349	219742	218445	2.15	cps
Thallium	205-1	523473	528667	531972	528037	0.81	cps
Tin	118-1	238600	248164	239849	242204	2.15	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	484504	505592	496551	495549	2.13	cps
Uranium	238-1	632881	660519	662125	651842	2.52	cps
Vanadium	51-2	61469	62536	61853	61953	0.87	cps
Ytterbium	172-1	25	25	17	22	21.64	cps
Ytterbium	172-2	28	6	28	20	62.97	cps
Ytterbium	176-1	1733	1800	2050	1861	8.97	cps
Ytterbium	176-2	5735	5512	5996	5748	4.21	cps
Yttrium	89-1	15054151	15190727	15093854	15112911	0.46	cps
Yttrium	89-2	1484976	1278466	1431504	1398315	7.66	cps
Zinc	66-2	109528	107811	105765	107701	1.75	cps
Zirconium	90-1	498673	504260	498016	500316	0.69	cps
Zirconium	91-1	110564	113755	111152	111823	1.52	cps

LB Number : LB117862 Operator : Jaswal
 Lab Sample ID : S04 Instrumnet Name : P8
 Client Sample ID : S04 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-16 12:19:17 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	97276	95889	95698	96287	0.89	cps
Antimony	121-1	608071	620911	621225	616736	1.22	cps
Arsenic	75-2	16246	16515	16032	16264	1.49	cps
Barium	135-1	794480	817484	804561	805508	1.43	cps
Barium	137-1	1911742	1891993	1885938	1896558	0.71	cps
Beryllium	9-1	159757	157863	159372	158997	0.63	cps
Bismuth	209-1	5641395	5545920	5470732	5552682	1.54	cps
Bismuth	209-2	2852336	2869998	2884525	2868953	0.56	cps
Boron	10-1	12997	13954	14783	13911	6.42	cps
Boron	11-1	62021	66766	69986	66257	6.05	cps
Bromine	81-1	18612	17990	19444	18682	3.90	cps
Cadmium	111-1	153992	156195	151882	154023	1.40	cps
Cadmium	106-1	20407	20624	20015	20349	1.52	cps
Cadmium	108-1	11989	12239	11868	12032	1.57	cps
Calcium	43-1	239122	240509	241068	240233	0.42	cps
Calcium	44-1	3818013	3745372	3780331	3781238	0.96	cps
Carbon	12-1	4111756	4227067	4361836	4233553	2.96	cps
Carbon	12-2	48205	47670	47444	47773	0.82	cps
Chlorine	35-1	388230	385870	390349	388150	0.58	cps
Chlorine	35-2	2434	2242	2650	2442	8.37	cps
Chromium	52-2	185628	184369	186857	185618	0.67	cps
Cobalt	59-2	336108	330337	329727	332057	1.06	cps
Copper	63-2	2684005	2635040	2606944	2641996	1.48	cps
Dysprosium	156-1	25	58	33	39	44.61	cps
Dysprosium	156-2	20	13	23	19	26.96	cps
Erbium	164-1	75	92	75	81	11.95	cps
Erbium	164-2	37	27	37	33	17.32	cps
Gadolinium	160-1	142	83	58	94	45.27	cps
Gadolinium	160-2	87	70	53	70	23.81	cps
Holmium	165-1	9502142	9246146	9472912	9407067	1.49	cps
Holmium	165-2	4052431	4019921	4113701	4062018	1.17	cps
Indium	115-1	8227057	8217016	8045361	8163145	1.25	cps
Indium	115-2	1095223	1108113	1102886	1102074	0.59	cps
Iron	54-2	396875	397078	399013	397655	0.30	cps
Iron	56-2	6935301	7316387	7129336	7127008	2.67	cps
Iron	57-2	174497	180888	179339	178241	1.87	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 12:19:17	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1057	1060	1150	1089	4.86	cps
Lead	206-1	2324881	2344256	2366558	2345232	0.89	cps
Lead	207-1	1984063	2023860	1988338	1998753	1.09	cps
Lead	208-1	9147230	9335033	9139006	9207089	1.20	cps
Lithium	6-1	2661397	2639382	2809156	2703312	3.42	cps
Magnesium	24-2	1438695	1461414	1440214	1446774	0.88	cps
Manganese	55-2	887180	885899	874390	882490	0.80	cps
Molybdenum	94-1	2560357	2603401	2570568	2578108	0.87	cps
Molybdenum	95-1	3789375	3804648	3764098	3786040	0.54	cps
Molybdenum	96-1	4232121	4129848	4168729	4176899	1.24	cps
Molybdenum	97-1	2348059	2398093	2344346	2363499	1.27	cps
Molybdenum	98-1	6024693	6136875	6095452	6085673	0.93	cps
Neodymium	150-1	73	87	60	73	18.18	cps
Neodymium	150-2	7	3	10	7	50.03	cps
Nickel	60-2	90708	91416	91247	91124	0.41	cps
Phosphorus	31-2	4859	4918	5451	5076	6.43	cps
Potassium	39-2	553890	548887	534779	545852	1.82	cps
Rhodium	103-1	7768012	8172218	7796801	7912344	2.85	cps
Rhodium	103-2	3367015	3500911	3387843	3418590	2.11	cps
Scandium	45-1	6027740	5802076	6162726	5997514	3.04	cps
Scandium	45-2	174771	178758	175555	176361	1.20	cps
Selenium	82-1	11932	11878	11867	11892	0.29	cps
Selenium	77-2	383	350	337	357	6.74	cps
Selenium	78-2	1132	1072	1035	1080	4.53	cps
Silicon	28-1	1071685	1063262	1075935	1070294	0.60	cps
Silver	107-1	807971	782605	817300	802625	2.24	cps
Silver	109-1	778921	780482	768862	776088	0.81	cps
Sodium	23-2	2766041	2798018	2828093	2797384	1.11	cps
Strontium	86-1	2348913	2385239	2394955	2376369	1.02	cps
Strontium	88-1	20423898	21021680	20174023	20539867	2.12	cps
Sulfur	34-1	417764	415583	411561	414970	0.76	cps
Terbium	159-1	9947217	9903409	9651803	9834143	1.62	cps
Terbium	159-2	3971070	4068773	4004300	4014714	1.24	cps
Thallium	203-1	541146	547629	540631	543135	0.72	cps
Thallium	205-1	1305613	1299291	1283565	1296156	0.88	cps
Tin	118-1	559116	576216	568552	567961	1.51	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 12:19:17	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1198045	1189140	1222604	1203263	1.44	cps
Uranium	238-1	1712016	1655182	1652938	1673379	2.00	cps
Vanadium	51-2	151353	152003	151588	151648	0.22	cps
Ytterbium	172-1	25	8	83	39	101.28	cps
Ytterbium	172-2	33	22	11	22	50.00	cps
Ytterbium	176-1	2909	3134	3175	3073	4.67	cps
Ytterbium	176-2	6241	6602	6591	6478	3.17	cps
Yttrium	89-1	16004016	15401693	15483204	15629638	2.09	cps
Yttrium	89-2	1410510	1476071	1470850	1452477	2.51	cps
Zinc	66-2	262524	259002	263236	261587	0.87	cps
Zirconium	90-1	1263079	1262992	1275397	1267156	0.56	cps
Zirconium	91-1	277456	276970	279779	278068	0.54	cps

LB Number : LB117862 Operator : Jaswal
 Lab Sample ID : S05 Instrumnet Name : P8
 Client Sample ID : S05 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-16 12:22:23 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	191015	192202	190650	191289	0.42	cps
Antimony	121-1	1221887	1254428	1246668	1240995	1.37	cps
Arsenic	75-2	32696	32828	32411	32645	0.65	cps
Barium	135-1	1604213	1665899	1621663	1630592	1.95	cps
Barium	137-1	3696365	3824010	3819895	3780090	1.92	cps
Beryllium	9-1	318105	320496	318775	319125	0.39	cps
Bismuth	209-1	5367888	5718088	5684003	5589993	3.45	cps
Bismuth	209-2	2926845	2907502	2850345	2894898	1.37	cps
Boron	10-1	26855	28694	30265	28605	5.97	cps
Boron	11-1	129675	137386	149417	138826	7.17	cps
Bromine	81-1	18602	19323	18592	18839	2.23	cps
Cadmium	111-1	301718	305439	302991	303382	0.62	cps
Cadmium	106-1	37260	39566	38170	38332	3.03	cps
Cadmium	108-1	24668	24564	24380	24537	0.59	cps
Calcium	43-1	475591	481183	483517	480097	0.85	cps
Calcium	44-1	7577529	7465627	7508216	7517124	0.75	cps
Carbon	12-1	4528198	4544752	4556286	4543079	0.31	cps
Carbon	12-2	50639	52261	50011	50970	2.28	cps
Chlorine	35-1	372828	377344	384960	378377	1.62	cps
Chlorine	35-2	2192	2417	2209	2272	5.52	cps
Chromium	52-2	376336	366765	371502	371535	1.29	cps
Cobalt	59-2	672005	678881	653803	668229	1.94	cps
Copper	63-2	5307299	5214670	5222853	5248274	0.98	cps
Dysprosium	156-1	92	75	92	86	11.18	cps
Dysprosium	156-2	33	17	37	29	37.08	cps
Erbium	164-1	58	108	117	94	33.41	cps
Erbium	164-2	33	27	37	32	15.80	cps
Gadolinium	160-1	42	108	58	69	49.96	cps
Gadolinium	160-2	107	83	77	89	17.72	cps
Holmium	165-1	9045642	9472026	9778669	9432113	3.90	cps
Holmium	165-2	4011350	4123565	4108658	4081191	1.49	cps
Indium	115-1	8274196	8187903	8413529	8291876	1.37	cps
Indium	115-2	1103015	1093937	1096378	1097777	0.43	cps
Iron	54-2	790680	788472	790363	789838	0.15	cps
Iron	56-2	14152265	14945111	14265995	14454457	2.97	cps
Iron	57-2	355435	358550	355590	356525	0.49	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 12:22:23	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1153	1183	1053	1130	6.02	cps
Lead	206-1	4584406	4735907	4606265	4642193	1.76	cps
Lead	207-1	4015214	4129566	4060385	4068388	1.42	cps
Lead	208-1	18138434	18834433	18157643	18376837	2.16	cps
Lithium	6-1	2784992	2814070	2849815	2816292	1.15	cps
Magnesium	24-2	2992337	2933609	3009068	2978338	1.33	cps
Manganese	55-2	1744499	1806335	1761449	1770761	1.80	cps
Molybdenum	94-1	5073974	5136883	5194853	5135236	1.18	cps
Molybdenum	95-1	7443325	7598615	7558628	7533523	1.07	cps
Molybdenum	96-1	8325988	8165638	8320399	8270675	1.10	cps
Molybdenum	97-1	4646244	4559013	4621451	4608903	0.98	cps
Molybdenum	98-1	11807788	11944254	11962610	11904884	0.71	cps
Neodymium	150-1	113	140	53	102	43.43	cps
Neodymium	150-2	20	13	7	13	49.99	cps
Nickel	60-2	184675	182551	183228	183485	0.59	cps
Phosphorus	31-2	10079	10171	9662	9970	2.72	cps
Potassium	39-2	1081705	1079798	1033810	1065104	2.55	cps
Rhodium	103-1	7643838	7834250	7960667	7812919	2.04	cps
Rhodium	103-2	3342388	3300574	3347954	3330305	0.78	cps
Scandium	45-1	6037522	5968134	6032863	6012840	0.65	cps
Scandium	45-2	174176	176062	178233	176157	1.15	cps
Selenium	82-1	23274	23503	23899	23559	1.34	cps
Selenium	77-2	590	743	627	653	12.26	cps
Selenium	78-2	2219	2099	2162	2160	2.78	cps
Silicon	28-1	1565187	1621508	1657687	1614794	2.89	cps
Silver	107-1	1591800	1609739	1632107	1611215	1.25	cps
Silver	109-1	1508870	1537313	1532454	1526212	1.00	cps
Sodium	23-2	5686630	5588702	5663985	5646439	0.91	cps
Strontium	86-1	4739860	4780849	4630258	4716989	1.65	cps
Strontium	88-1	39961812	40813281	39516839	40097311	1.64	cps
Sulfur	34-1	494749	493008	498637	495465	0.58	cps
Terbium	159-1	9800181	10071679	10180147	10017336	1.95	cps
Terbium	159-2	4084357	3980541	4068535	4044478	1.38	cps
Thallium	203-1	1105748	1095346	1103587	1101560	0.50	cps
Thallium	205-1	2633058	2643097	2690214	2655456	1.15	cps
Tin	118-1	1110007	1116680	1127207	1117965	0.78	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 12:22:23	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2384217	2329195	2314952	2342788	1.56	cps
Uranium	238-1	3415184	3481893	3371297	3422791	1.63	cps
Vanadium	51-2	302980	303076	299981	302013	0.58	cps
Ytterbium	172-1	25	42	42	36	26.65	cps
Ytterbium	172-2	6	17	39	20	83.30	cps
Ytterbium	176-1	5701	5635	6010	5782	3.46	cps
Ytterbium	176-2	7663	7613	7897	7725	1.96	cps
Yttrium	89-1	14836146	15554354	15795484	15395328	3.24	cps
Yttrium	89-2	1451480	1449180	1436566	1445742	0.56	cps
Zinc	66-2	529322	527140	512427	522963	1.76	cps
Zirconium	90-1	2474149	2525003	2509134	2502762	1.04	cps
Zirconium	91-1	547397	552029	558983	552803	1.05	cps

LB Number : LB117862 Operator : Jaswal
 Lab Sample ID : S06 Instrumnet Name : P8
 Client Sample ID : S06 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-16 12:25:27 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	382216	378834	375815	378955	0.85	cps
Antimony	121-1	2389189	2416893	2471339	2425807	1.72	cps
Arsenic	75-2	63884	64270	64280	64144	0.35	cps
Barium	135-1	3243661	3269632	3373904	3295732	2.09	cps
Barium	137-1	7380527	7527154	7718399	7542027	2.25	cps
Beryllium	9-1	627236	626545	626289	626690	0.08	cps
Bismuth	209-1	5417922	5583328	5378286	5459846	1.99	cps
Bismuth	209-2	2881435	2866785	2766276	2838165	2.21	cps
Boron	10-1	53930	57910	60990	57610	6.14	cps
Boron	11-1	261552	276452	297501	278502	6.49	cps
Bromine	81-1	19163	18442	18231	18612	2.63	cps
Cadmium	111-1	591110	593557	596486	593718	0.45	cps
Cadmium	106-1	68797	69401	72541	70247	2.86	cps
Cadmium	108-1	46641	47544	48339	47508	1.79	cps
Calcium	43-1	951094	943190	960382	951555	0.90	cps
Calcium	44-1	14969119	15136020	15119040	15074726	0.61	cps
Carbon	12-1	4839034	5094279	5354112	5095808	5.05	cps
Carbon	12-2	59580	58025	60216	59273	1.90	cps
Chlorine	35-1	374981	381070	379134	378395	0.82	cps
Chlorine	35-2	2067	2192	2500	2253	9.90	cps
Chromium	52-2	735959	730302	732750	733004	0.39	cps
Cobalt	59-2	1321334	1306435	1307680	1311816	0.63	cps
Copper	63-2	10053402	10130288	10140314	10108001	0.47	cps
Dysprosium	156-1	83	183	150	139	36.66	cps
Dysprosium	156-2	43	60	57	53	16.54	cps
Erbium	164-1	117	133	92	114	18.41	cps
Erbium	164-2	40	43	40	41	4.68	cps
Gadolinium	160-1	133	192	183	169	18.62	cps
Gadolinium	160-2	73	117	103	98	22.70	cps
Holmium	165-1	9366882	9919664	9417202	9567916	3.19	cps
Holmium	165-2	4084885	4161450	3997145	4081160	2.01	cps
Indium	115-1	7856008	7803270	7976816	7878698	1.13	cps
Indium	115-2	1083104	1094022	1058788	1078638	1.67	cps
Iron	54-2	1603652	1568542	1547248	1573148	1.81	cps
Iron	56-2	27866296	29125748	28549306	28513784	2.21	cps
Iron	57-2	691578	696764	697632	695325	0.47	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 12:25:27	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1180	1123	1157	1153	2.47	cps
Lead	206-1	9253883	9213782	8800674	9089446	2.76	cps
Lead	207-1	7904483	7897331	7982938	7928251	0.60	cps
Lead	208-1	36198549	36229254	36028759	36152188	0.30	cps
Lithium	6-1	2740545	2775622	2927909	2814692	3.54	cps
Magnesium	24-2	5741178	5630827	5812871	5728292	1.60	cps
Manganese	55-2	3522649	3525730	3490325	3512901	0.56	cps
Molybdenum	94-1	10215923	9926006	10319677	10153868	2.01	cps
Molybdenum	95-1	14976369	15052927	14420151	14816482	2.33	cps
Molybdenum	96-1	16234918	16972401	16353665	16520328	2.40	cps
Molybdenum	97-1	8970932	9066215	9192180	9076442	1.22	cps
Molybdenum	98-1	23926488	23988134	23317951	23744191	1.56	cps
Neodymium	150-1	233	240	247	240	2.78	cps
Neodymium	150-2	23	3	27	18	71.00	cps
Nickel	60-2	358945	353802	359225	357324	0.85	cps
Phosphorus	31-2	19288	19063	19689	19347	1.64	cps
Potassium	39-2	2099690	2106530	2116861	2107693	0.41	cps
Rhodium	103-1	7500031	7385150	7594339	7493174	1.40	cps
Rhodium	103-2	3294220	3374156	3257290	3308555	1.81	cps
Scandium	45-1	5812981	5940654	6151428	5968354	2.86	cps
Scandium	45-2	177981	174945	170290	174405	2.22	cps
Selenium	82-1	46022	46407	46349	46259	0.45	cps
Selenium	77-2	1230	1087	1227	1181	6.93	cps
Selenium	78-2	4134	4140	4044	4106	1.31	cps
Silicon	28-1	2466134	2624682	2640090	2576969	3.74	cps
Silver	107-1	3116229	3157865	3301838	3191977	3.05	cps
Silver	109-1	3076152	3041290	2980910	3032784	1.59	cps
Sodium	23-2	11125765	11241714	11262589	11210023	0.66	cps
Strontium	86-1	9011675	9413887	9505236	9310266	2.82	cps
Strontium	88-1	79625923	80574773	81288631	80496442	1.04	cps
Sulfur	34-1	628778	634581	631898	631752	0.46	cps
Terbium	159-1	9700163	9727017	9895213	9774131	1.08	cps
Terbium	159-2	4007457	4019939	3925102	3984166	1.29	cps
Thallium	203-1	2225534	2204303	2217198	2215678	0.48	cps
Thallium	205-1	5258031	5149648	5231840	5213173	1.08	cps
Tin	118-1	2098281	2111090	2160658	2123343	1.55	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 12:25:27	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4536456	4579640	4644945	4587013	1.19	cps
Uranium	238-1	6768522	6781374	6767250	6772382	0.12	cps
Vanadium	51-2	601403	596052	594489	597315	0.61	cps
Ytterbium	172-1	50	25	50	42	34.64	cps
Ytterbium	172-2	28	39	11	26	53.93	cps
Ytterbium	176-1	9604	10188	10121	9971	3.21	cps
Ytterbium	176-2	9676	9404	9487	9522	1.47	cps
Yttrium	89-1	15276909	14853794	15566805	15232503	2.35	cps
Yttrium	89-2	1458137	1464868	1419981	1447662	1.67	cps
Zinc	66-2	1030165	1014622	1013982	1019590	0.90	cps
Zirconium	90-1	4966684	4901545	4807549	4891926	1.64	cps
Zirconium	91-1	1095694	1099433	1115194	1103440	0.94	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 12:28:33	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	745081	742186	729765	739011	1.10	cps
Antimony	121-1	4829621	4956241	5044954	4943605	2.19	cps
Arsenic	75-2	125158	124300	123090	124183	0.84	cps
Barium	135-1	6438911	6331867	6589122	6453300	2.00	cps
Barium	137-1	14912576	14739942	15332893	14995137	2.03	cps
Beryllium	9-1	1285289	1245520	1275915	1268908	1.64	cps
Bismuth	209-1	5550982	5577211	5631095	5586430	0.73	cps
Bismuth	209-2	2825963	2776960	2734285	2779069	1.65	cps
Boron	10-1	113089	124128	125460	120892	5.62	cps
Boron	11-1	551701	579465	612236	581134	5.21	cps
Bromine	81-1	18982	18792	18020	18598	2.74	cps
Cadmium	111-1	1200541	1210856	1184264	1198553	1.12	cps
Cadmium	106-1	134058	137713	137847	136539	1.57	cps
Cadmium	108-1	94325	93457	94425	94069	0.57	cps
Calcium	43-1	1947803	1915476	1955279	1939519	1.09	cps
Calcium	44-1	30339546	29435857	30005323	29926909	1.53	cps
Carbon	12-1	5874592	6130375	6468248	6157738	4.84	cps
Carbon	12-2	69239	72388	71869	71165	2.37	cps
Chlorine	35-1	369934	365752	368409	368032	0.58	cps
Chlorine	35-2	2017	2100	2167	2095	3.59	cps
Chromium	52-2	1490442	1489503	1391965	1457303	3.88	cps
Cobalt	59-2	2561585	2535817	2577278	2558226	0.82	cps
Copper	63-2	19827248	19890651	19226887	19648262	1.86	cps
Dysprosium	156-1	217	250	292	253	14.86	cps
Dysprosium	156-2	103	133	107	114	14.37	cps
Erbium	164-1	117	150	100	122	20.83	cps
Erbium	164-2	40	53	60	51	19.92	cps
Gadolinium	160-1	258	375	217	283	28.97	cps
Gadolinium	160-2	183	190	127	167	20.88	cps
Holmium	165-1	9708308	9814447	10103255	9875336	2.07	cps
Holmium	165-2	4086954	4069720	4014730	4057135	0.93	cps
Indium	115-1	8034808	8067426	7987969	8030067	0.50	cps
Indium	115-2	1060721	1051505	1047797	1053341	0.63	cps
Iron	54-2	3133299	3149195	3020509	3101001	2.26	cps
Iron	56-2	55552268	54159550	54174886	54628901	1.46	cps
Iron	57-2	1375814	1385669	1381086	1380857	0.36	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 12:28:33	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1213	1210	1090	1171	6.00	cps
Lead	206-1	17870845	18591821	18216271	18226312	1.98	cps
Lead	207-1	15381364	16091271	16041699	15838111	2.50	cps
Lead	208-1	71723871	73781749	73494739	73000120	1.53	cps
Lithium	6-1	2926334	2829970	2929432	2895245	1.95	cps
Magnesium	24-2	11017003	11300688	11119686	11145792	1.29	cps
Manganese	55-2	6868826	6813436	6771396	6817886	0.72	cps
Molybdenum	94-1	20591881	20551561	20549984	20564475	0.12	cps
Molybdenum	95-1	29653742	30355005	29882238	29963662	1.19	cps
Molybdenum	96-1	33339821	33962866	32894460	33399049	1.61	cps
Molybdenum	97-1	18553204	18791098	18320321	18554874	1.27	cps
Molybdenum	98-1	48110672	48016211	47608549	47911811	0.56	cps
Neodymium	150-1	393	393	467	418	10.13	cps
Neodymium	150-2	40	30	53	41	28.47	cps
Nickel	60-2	684854	678733	675546	679711	0.70	cps
Phosphorus	31-2	37808	38385	37649	37948	1.02	cps
Potassium	39-2	3979540	4009383	3859857	3949593	2.00	cps
Rhodium	103-1	7664428	7735664	7723460	7707851	0.49	cps
Rhodium	103-2	3261105	3289425	3265008	3271846	0.47	cps
Scandium	45-1	6029817	6033312	6080454	6047861	0.47	cps
Scandium	45-2	175788	174813	175800	175467	0.32	cps
Selenium	82-1	91625	91994	92335	91985	0.39	cps
Selenium	77-2	2404	2267	2197	2289	4.59	cps
Selenium	78-2	8024	7840	7906	7923	1.18	cps
Silicon	28-1	4580881	4862466	4872492	4771946	3.47	cps
Silver	107-1	6201172	6355855	6261746	6272924	1.24	cps
Silver	109-1	5978461	5926814	6068557	5991277	1.20	cps
Sodium	23-2	21928799	22002358	21606592	21845916	0.96	cps
Strontium	86-1	18940173	18886263	18571638	18799358	1.06	cps
Strontium	88-1	163203762	160881858	157271687	160452436	1.86	cps
Sulfur	34-1	967618	968970	934512	957033	2.04	cps
Terbium	159-1	10337718	10456903	10465044	10419889	0.68	cps
Terbium	159-2	4018005	4122697	4044776	4061826	1.34	cps
Thallium	203-1	4531687	4550302	4427142	4503043	1.47	cps
Thallium	205-1	10504872	10502803	10369935	10459203	0.74	cps
Tin	118-1	4236425	4328412	4317891	4294243	1.17	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 12:28:33	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	9531491	9277516	9473487	9427498	1.41	cps
Uranium	238-1	13658808	13459689	14152956	13757151	2.59	cps
Vanadium	51-2	1164506	1174129	1133275	1157303	1.85	cps
Ytterbium	172-1	42	42	75	53	36.46	cps
Ytterbium	172-2	33	17	22	24	35.24	cps
Ytterbium	176-1	20616	19624	19523	19921	3.03	cps
Ytterbium	176-2	13262	13285	13429	13325	0.68	cps
Yttrium	89-1	15114725	15396611	15885022	15465453	2.52	cps
Yttrium	89-2	1457319	1423587	1387351	1422752	2.46	cps
Zinc	66-2	2012330	2008601	1934012	1984981	2.23	cps
Zirconium	90-1	9731884	9816742	9973216	9840614	1.24	cps
Zirconium	91-1	2190801	2199330	2299594	2229908	2.71	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 12:31:37	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3521621	3680385	3609025	3603677	2.21	cps
Antimony	121-1	6802	6619	6393	6605	3.10	cps
Arsenic	75-2	90	62	57	70	25.53	cps
Barium	135-1	5576	4834	4092	4834	15.35	cps
Barium	137-1	12808	10436	9207	10817	16.92	cps
Beryllium	9-1	1228	908	834	990	21.15	cps
Bismuth	209-1	4971074	5020522	4915978	4969191	1.05	cps
Bismuth	209-2	2578033	2680492	2661136	2639887	2.06	cps
Boron	10-1	17387	15391	14154	15644	10.43	cps
Boron	11-1	80542	72833	69080	74152	7.88	cps
Bromine	81-1	18251	17469	17900	17873	2.19	cps
Cadmium	111-1	1565	1156	1179	1300	17.68	cps
Cadmium	106-1	3759	3617	3592	3656	2.46	cps
Cadmium	108-1	175	129	113	139	23.30	cps
Calcium	43-1	8274217	8537473	8491733	8434474	1.67	cps
Calcium	44-1	135209464	137195306	137586077	136663616	0.93	cps
Carbon	12-1	4556400	4657664	4586163	4600076	1.13	cps
Carbon	12-2	54728	55021	55933	55227	1.14	cps
Chlorine	35-1	380630	380219	377132	379327	0.50	cps
Chlorine	35-2	2367	2292	2250	2303	2.57	cps
Chromium	52-2	3280	3300	3290	3290	0.30	cps
Cobalt	59-2	4161	3901	3747	3936	5.31	cps
Copper	63-2	8499	7639	7419	7852	7.27	cps
Dysprosium	156-1	925	800	1000	908	11.12	cps
Dysprosium	156-2	380	317	377	358	9.96	cps
Erbium	164-1	108	175	175	153	25.19	cps
Erbium	164-2	50	80	70	67	22.91	cps
Gadolinium	160-1	808	883	867	853	4.62	cps
Gadolinium	160-2	390	493	393	426	13.80	cps
Holmium	165-1	9214709	9261683	9222161	9232851	0.27	cps
Holmium	165-2	4026146	4098333	4038282	4054253	0.95	cps
Indium	115-1	7664791	7475298	7474739	7538276	1.45	cps
Indium	115-2	1015536	1040581	1041143	1032420	1.42	cps
Iron	54-2	14113420	14288864	14055441	14152575	0.86	cps
Iron	56-2	251338400	253953239	256590700	253960780	1.03	cps
Iron	57-2	6322968	6461868	6350342	6378392	1.15	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 12:31:37	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1060	1187	993	1080	9.09	cps
Lead	206-1	17696	15126	13162	15328	14.83	cps
Lead	207-1	15098	12495	11511	13035	14.22	cps
Lead	208-1	69146	58481	53283	60303	13.41	cps
Lithium	6-1	2674063	2790031	2821081	2761725	2.81	cps
Magnesium	24-2	52601276	54220574	52858549	53226800	1.63	cps
Manganese	55-2	5074	4831	4557	4821	5.36	cps
Molybdenum	94-1	17270	14884	11163	14439	21.31	cps
Molybdenum	95-1	23555	18163	14024	18581	25.72	cps
Molybdenum	96-1	31529	26660	21492	26561	18.90	cps
Molybdenum	97-1	15226	11639	8711	11859	27.51	cps
Molybdenum	98-1	35874	30146	23755	29925	20.26	cps
Neodymium	150-1	53	60	113	76	43.53	cps
Neodymium	150-2	13	13	13	13	0.00	cps
Nickel	60-2	1177	1067	1103	1116	5.02	cps
Phosphorus	31-2	183	175	183	181	2.66	cps
Potassium	39-2	18866501	19103867	19268164	19079511	1.06	cps
Rhodium	103-1	6916539	6849257	6792330	6852708	0.91	cps
Rhodium	103-2	2959777	3016976	3064776	3013843	1.74	cps
Scandium	45-1	5692184	5699608	5546574	5646122	1.53	cps
Scandium	45-2	166849	172328	165783	168320	2.09	cps
Selenium	82-1	179	64	213	152	51.33	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	42	45	51	46	9.97	cps
Silicon	28-1	902696	949841	952025	934854	2.98	cps
Silver	107-1	3809	3350	2767	3309	15.78	cps
Silver	109-1	3384	3009	2317	2903	18.64	cps
Sodium	23-2	105799827	101837917	103532252	103723332	1.92	cps
Strontium	86-1	23320	20632	17970	20641	12.96	cps
Strontium	88-1	184349	158463	138724	160512	14.26	cps
Sulfur	34-1	306874	308602	308714	308064	0.33	cps
Terbium	159-1	9848232	9694886	9633653	9725590	1.14	cps
Terbium	159-2	3922875	4097551	3997950	4006125	2.19	cps
Thallium	203-1	3984	3209	2884	3359	16.83	cps
Thallium	205-1	9137	7436	6660	7744	16.36	cps
Tin	118-1	4234	3476	2984	3564	17.67	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 12:31:37	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	6902	5885	4259	5682	23.46	cps
Uranium	238-1	9312	6577	5151	7013	30.15	cps
Vanadium	51-2	563	470	497	510	9.43	cps
Ytterbium	172-1	108	83	58	83	30.00	cps
Ytterbium	172-2	39	61	50	50	22.22	cps
Ytterbium	176-1	1100	1042	925	1022	8.72	cps
Ytterbium	176-2	5479	5718	5896	5698	3.67	cps
Yttrium	89-1	14620904	14532666	14156309	14436626	1.71	cps
Yttrium	89-2	1371226	1404679	1399199	1391701	1.29	cps
Zinc	66-2	2837	2670	2840	2783	3.49	cps
Zirconium	90-1	11072	9403	7852	9442	17.05	cps
Zirconium	91-1	2259	1934	1909	2034	9.60	cps

LB Number : LB117862 Operator : Jaswal
 Lab Sample ID : ICV083 Instrumnet Name : P8
 Client Sample ID : ICV083 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-16 12:51:17 DataFile Name : 012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20442	20268	19989	20233	1.13	cps
Antimony	121-1	983078	996937	1005181	995065	1.12	cps
Arsenic	75-2	27031	27075	26891	26999	0.36	cps
Barium	135-1	129064	131402	133582	131349	1.72	cps
Barium	137-1	299387	305440	316645	307158	2.85	cps
Beryllium	9-1	128178	130107	129140	129142	0.75	cps
Bismuth	209-1	5570996	5460745	5489202	5506981	1.04	cps
Bismuth	209-2	2903645	2844917	2824112	2857558	1.44	cps
Boron	10-1	24387	26751	27979	26373	6.92	cps
Boron	11-1	116303	125626	135893	125941	7.78	cps
Bromine	81-1	19454	19083	18752	19096	1.84	cps
Cadmium	111-1	120640	122169	125524	122778	2.03	cps
Cadmium	106-1	19915	20174	20215	20101	0.81	cps
Cadmium	108-1	10550	10658	11159	10789	3.01	cps
Calcium	43-1	38886	39377	39613	39292	0.94	cps
Calcium	44-1	636545	646997	647833	643791	0.98	cps
Carbon	12-1	4464003	4455014	4605043	4508020	1.87	cps
Carbon	12-2	48313	49986	51366	49888	3.06	cps
Chlorine	35-1	344480	355328	349193	349667	1.56	cps
Chlorine	35-2	2234	1967	2042	2081	6.61	cps
Chromium	52-2	153596	151957	153284	152946	0.57	cps
Cobalt	59-2	278363	277164	274081	276536	0.80	cps
Copper	63-2	221921	216841	220237	219666	1.18	cps
Dysprosium	156-1	0	0	25	8	173.21	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	125	58	75	86	40.29	cps
Erbium	164-2	27	27	17	23	24.74	cps
Gadolinium	160-1	58	33	75	56	37.75	cps
Gadolinium	160-2	53	70	77	67	18.03	cps
Holmium	165-1	9001074	9342283	9180921	9174759	1.86	cps
Holmium	165-2	3987060	4030191	4034864	4017372	0.66	cps
Indium	115-1	8054488	7933842	7805701	7931343	1.57	cps
Indium	115-2	1097777	1102904	1095585	1098755	0.34	cps
Iron	54-2	131878	129175	130189	130414	1.05	cps
Iron	56-2	2345112	2373903	2268621	2329212	2.34	cps
Iron	57-2	57444	56674	56897	57005	0.70	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	ICV083	Instrumnet Name :	P8
Client Sample ID :	ICV083	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 12:51:17	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1170	1097	1243	1170	6.27	cps
Lead	206-1	734727	762092	772550	756456	2.58	cps
Lead	207-1	607145	637710	641730	628861	3.01	cps
Lead	208-1	2885578	2969757	2998836	2951390	1.99	cps
Lithium	6-1	2679342	2695681	2704279	2693101	0.47	cps
Magnesium	24-2	137869	133589	135277	135578	1.59	cps
Manganese	55-2	74065	74092	73937	74031	0.11	cps
Molybdenum	94-1	2642016	2713973	2748048	2701346	2.00	cps
Molybdenum	95-1	3216192	3335910	3348847	3300316	2.22	cps
Molybdenum	96-1	3686091	3781527	3774609	3747409	1.42	cps
Molybdenum	97-1	2035867	2051155	2053809	2046944	0.47	cps
Molybdenum	98-1	5178245	5312211	5228651	5239702	1.29	cps
Neodymium	150-1	27	27	20	24	15.75	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	79472	81114	80396	80327	1.02	cps
Phosphorus	31-2	258	158	167	194	28.54	cps
Potassium	39-2	184531	181839	184515	183629	0.84	cps
Rhodium	103-1	7562196	7673003	7603787	7612995	0.74	cps
Rhodium	103-2	3295673	3324780	3289670	3303374	0.57	cps
Scandium	45-1	5706135	6039726	5916992	5887617	2.87	cps
Scandium	45-2	177831	176797	177861	177496	0.34	cps
Selenium	82-1	18929	19799	19586	19438	2.33	cps
Selenium	77-2	553	523	597	558	6.61	cps
Selenium	78-2	1777	1777	1787	1781	0.32	cps
Silicon	28-1	1364698	1395255	1413559	1391171	1.77	cps
Silver	107-1	310242	316277	318875	315131	1.41	cps
Silver	109-1	298264	306598	302708	302524	1.38	cps
Sodium	23-2	466562	486348	473678	475529	2.11	cps
Strontium	86-1	434870	433994	444166	437677	1.29	cps
Strontium	88-1	3757964	3712061	3709514	3726513	0.73	cps
Sulfur	34-1	335436	333340	331455	333410	0.60	cps
Terbium	159-1	9438475	9761686	9457387	9552516	1.90	cps
Terbium	159-2	3953533	4027877	4035542	4005651	1.13	cps
Thallium	203-1	910169	906021	948155	921448	2.52	cps
Thallium	205-1	2243339	2292379	2306051	2280590	1.45	cps
Tin	118-1	1026083	1024139	1042311	1030844	0.97	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	ICV083	Instrumnet Name :	P8
Client Sample ID :	ICV083	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 12:51:17	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1056271	1052859	1079717	1062949	1.38	cps
Uranium	238-1	3378200	3506867	3513770	3466279	2.20	cps
Vanadium	51-2	121301	121112	118571	120328	1.27	cps
Ytterbium	172-1	17	58	17	31	78.71	cps
Ytterbium	172-2	28	0	0	9	173.21	cps
Ytterbium	176-1	4759	5018	5335	5037	5.72	cps
Ytterbium	176-2	7363	7491	7274	7376	1.48	cps
Yttrium	89-1	14847840	14851359	14752447	14817215	0.38	cps
Yttrium	89-2	1410362	1417519	1392917	1406933	0.90	cps
Zinc	66-2	42708	43861	43901	43490	1.56	cps
Zirconium	90-1	2276291	2307226	2225912	2269810	1.81	cps
Zirconium	91-1	494844	509729	509875	504816	1.71	cps

LB Number : LB117862 Operator : Jaswal
 Lab Sample ID : ICB083 Instrumnet Name : P8
 Client Sample ID : ICB083 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-16 12:58:44 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	101	85	101	96	9.79	cps
Antimony	121-1	350	392	342	361	7.42	cps
Arsenic	75-2	14	13	10	12	16.88	cps
Barium	135-1	25	42	50	39	32.73	cps
Barium	137-1	82	83	63	76	14.58	cps
Beryllium	9-1	234	200	184	206	12.40	cps
Bismuth	209-1	5560129	5555595	5432483	5516069	1.31	cps
Bismuth	209-2	2894992	2953732	2974665	2941130	1.40	cps
Boron	10-1	2318	2200	2216	2244	2.85	cps
Boron	11-1	10926	10958	10626	10837	1.69	cps
Bromine	81-1	19785	19664	19864	19771	0.51	cps
Cadmium	111-1	357	361	316	345	7.23	cps
Cadmium	106-1	3217	3125	3175	3173	1.45	cps
Cadmium	108-1	63	33	54	50	30.05	cps
Calcium	43-1	206	241	211	220	8.62	cps
Calcium	44-1	19099	18871	18676	18882	1.12	cps
Carbon	12-1	3670463	3848051	3839209	3785907	2.64	cps
Carbon	12-2	40047	40064	38927	39680	1.64	cps
Chlorine	35-1	324283	326970	330864	327372	1.01	cps
Chlorine	35-2	2000	1792	1950	1914	5.68	cps
Chromium	52-2	573	557	593	574	3.20	cps
Cobalt	59-2	97	87	110	98	11.97	cps
Copper	63-2	553	467	573	531	10.68	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	83	83	50	72	26.65	cps
Erbium	164-2	50	23	13	29	65.62	cps
Gadolinium	160-1	33	33	83	50	57.75	cps
Gadolinium	160-2	80	77	53	70	20.76	cps
Holmium	165-1	9316544	9504566	9368184	9396431	1.03	cps
Holmium	165-2	4079824	4016448	4095451	4063908	1.03	cps
Indium	115-1	8109597	8053830	8117374	8093600	0.43	cps
Indium	115-2	1131922	1114178	1130516	1125539	0.88	cps
Iron	54-2	333	322	300	319	5.33	cps
Iron	56-2	2661	2923	2895	2826	5.07	cps
Iron	57-2	200	183	183	189	5.09	cps

LB Number : LB117862 Operator : Jaswal
 Lab Sample ID : ICB083 Instrumnet Name : P8
 Client Sample ID : ICB083 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-16 12:58:44 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1087	1107	1073	1089	1.54	cps
Lead	206-1	1072	983	989	1015	4.91	cps
Lead	207-1	828	1011	783	874	13.81	cps
Lead	208-1	4045	3911	3867	3941	2.35	cps
Lithium	6-1	2692708	2737958	2805379	2745348	2.07	cps
Magnesium	24-2	583	625	567	592	5.08	cps
Manganese	55-2	83	63	67	71	15.07	cps
Molybdenum	94-1	417	483	483	461	8.35	cps
Molybdenum	95-1	292	233	217	247	15.93	cps
Molybdenum	96-1	483	425	558	489	13.67	cps
Molybdenum	97-1	158	100	117	125	24.04	cps
Molybdenum	98-1	475	458	392	442	9.98	cps
Neodymium	150-1	13	27	0	13	100.01	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	57	33	67	52	32.76	cps
Phosphorus	31-2	175	158	192	175	9.52	cps
Potassium	39-2	15467	15317	15450	15411	0.53	cps
Rhodium	103-1	7753584	7791666	7674697	7739983	0.77	cps
Rhodium	103-2	3409617	3333199	3367662	3370159	1.14	cps
Scandium	45-1	5851773	5954759	5897666	5901399	0.87	cps
Scandium	45-2	174856	172982	177278	175038	1.23	cps
Selenium	82-1	19	-2	17	12	102.05	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	46	36	34	39	16.63	cps
Silicon	28-1	554043	549680	552186	551969	0.40	cps
Silver	107-1	350	217	375	314	27.12	cps
Silver	109-1	308	292	250	283	10.60	cps
Sodium	23-2	12889	12297	13448	12878	4.47	cps
Strontium	86-1	1892	1900	1750	1847	4.56	cps
Strontium	88-1	542	433	400	458	16.16	cps
Sulfur	34-1	337566	336904	335028	336499	0.39	cps
Terbium	159-1	9570824	9776011	9764243	9703692	1.19	cps
Terbium	159-2	4018297	3973515	4043699	4011837	0.89	cps
Thallium	203-1	1108	967	1242	1106	12.44	cps
Thallium	205-1	2875	2659	2884	2806	4.55	cps
Tin	118-1	29441	30142	30685	30089	2.07	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	ICB083	Instrumnet Name :	P8
Client Sample ID :	ICB083	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 12:58:44	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	275	275	192	247	19.46	cps
Uranium	238-1	142	33	108	94	58.75	cps
Vanadium	51-2	10	17	10	12	31.50	cps
Ytterbium	172-1	33	33	50	39	24.75	cps
Ytterbium	172-2	17	6	11	11	49.99	cps
Ytterbium	176-1	817	900	1000	906	10.14	cps
Ytterbium	176-2	5407	6240	5885	5844	7.16	cps
Yttrium	89-1	15191484	15183030	15330050	15234854	0.54	cps
Yttrium	89-2	1454056	1431723	1418066	1434615	1.27	cps
Zinc	66-2	127	90	97	104	18.70	cps
Zirconium	90-1	875	817	958	883	8.06	cps
Zirconium	91-1	250	192	250	231	14.61	cps

LB Number : LB117862 Operator : Jaswal
 Lab Sample ID : ICSA083 Instrumnet Name : P8
 Client Sample ID : ICSA083 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-16 13:01:48 DataFile Name : 014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3712003	3578940	3614566	3635170	1.89	cps
Antimony	121-1	6043	5910	5843	5932	1.72	cps
Arsenic	75-2	48	45	47	47	3.28	cps
Barium	135-1	1825	1650	1734	1736	5.04	cps
Barium	137-1	4421	4049	4224	4231	4.40	cps
Beryllium	9-1	544	568	562	558	2.24	cps
Bismuth	209-1	5374084	5349321	5440457	5387954	0.87	cps
Bismuth	209-2	2886634	2836784	2855608	2859676	0.88	cps
Boron	10-1	2146	2000	2082	2076	3.53	cps
Boron	11-1	10464	10312	10084	10286	1.86	cps
Bromine	81-1	20486	19363	19985	19945	2.82	cps
Cadmium	111-1	1726	1694	1717	1712	0.99	cps
Cadmium	106-1	3534	3526	3701	3587	2.75	cps
Cadmium	108-1	921	1021	900	947	6.82	cps
Calcium	43-1	1834594	1746146	1861901	1814214	3.34	cps
Calcium	44-1	29614816	28194081	28457595	28755497	2.63	cps
Carbon	12-1	20942050	20740556	21222536	20968381	1.15	cps
Carbon	12-2	240586	237715	229824	236041	2.36	cps
Chlorine	35-1	6146710	7587589	9624577	7786292	22.44	cps
Chlorine	35-2	76997	83876	87666	82846	6.53	cps
Chromium	52-2	29577	29561	29060	29399	1.00	cps
Cobalt	59-2	2907	3130	2957	2998	3.91	cps
Copper	63-2	16193	15525	15762	15827	2.14	cps
Dysprosium	156-1	17	50	33	33	50.00	cps
Dysprosium	156-2	7	10	10	9	21.63	cps
Erbium	164-1	100	108	83	97	13.09	cps
Erbium	164-2	40	33	30	34	14.78	cps
Gadolinium	160-1	50	67	83	67	25.00	cps
Gadolinium	160-2	60	73	123	86	39.03	cps
Holmium	165-1	9544197	9432378	9454590	9477055	0.62	cps
Holmium	165-2	4300597	4160988	4243021	4234869	1.66	cps
Indium	115-1	8239692	7843982	8087646	8057106	2.48	cps
Indium	115-2	1091664	1072001	1080359	1081342	0.91	cps
Iron	54-2	6000007	6118399	5978365	6032257	1.25	cps
Iron	56-2	108808864	111104475	107452933	109122090	1.69	cps
Iron	57-2	2760724	2950973	2738959	2816885	4.14	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	ICSA083	Instrumnet Name :	P8
Client Sample ID :	ICSA083	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 13:01:48	DataFile Name :	014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1143	1197	1173	1171	2.28	cps
Lead	206-1	17078	17768	18886	17911	5.09	cps
Lead	207-1	13657	14297	14636	14197	3.50	cps
Lead	208-1	64151	67230	68754	66712	3.51	cps
Lithium	6-1	2901784	2760890	2877839	2846838	2.65	cps
Magnesium	24-2	10849393	10962330	11026593	10946105	0.82	cps
Manganese	55-2	5251	5341	5124	5239	2.08	cps
Molybdenum	94-1	3026319	3036132	3031624	3031359	0.16	cps
Molybdenum	95-1	5212457	5288741	5212054	5237751	0.84	cps
Molybdenum	96-1	5653142	5774239	5725946	5717775	1.07	cps
Molybdenum	97-1	3324713	3218259	3301713	3281562	1.71	cps
Molybdenum	98-1	8573425	8318668	8436812	8442969	1.51	cps
Neodymium	150-1	33	60	40	44	31.23	cps
Neodymium	150-2	3	7	10	7	50.03	cps
Nickel	60-2	3987	3674	3724	3795	4.44	cps
Phosphorus	31-2	193063	189870	185364	189432	2.04	cps
Potassium	39-2	7852055	7978350	7739992	7856799	1.52	cps
Rhodium	103-1	7536625	7391757	7578233	7502205	1.30	cps
Rhodium	103-2	3192949	3210539	3199478	3200989	0.28	cps
Scandium	45-1	6308294	5987053	5813823	6036390	4.16	cps
Scandium	45-2	177891	173444	176722	176019	1.31	cps
Selenium	82-1	39	-33	-45	-13	-349.12	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	48	47	37	44	13.83	cps
Silicon	28-1	652157	652987	651964	652369	0.08	cps
Silver	107-1	925	842	767	844	9.38	cps
Silver	109-1	842	675	675	731	13.17	cps
Sodium	23-2	22343479	22596383	21918398	22286087	1.54	cps
Strontium	86-1	66149	66107	66945	66400	0.71	cps
Strontium	88-1	538884	547806	563681	550124	2.28	cps
Sulfur	34-1	2680597	2503851	2639395	2607948	3.55	cps
Terbium	159-1	9838912	9943990	9753490	9845464	0.97	cps
Terbium	159-2	4179760	4049082	4076035	4101626	1.68	cps
Thallium	203-1	1400	1525	1483	1470	4.33	cps
Thallium	205-1	3392	3417	3942	3584	8.67	cps
Tin	118-1	27453	27687	27011	27384	1.25	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	ICSA083	Instrumnet Name :	P8
Client Sample ID :	ICSA083	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 13:01:48	DataFile Name :	014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1741394	1743593	1705599	1730195	1.23	cps
Uranium	238-1	333	342	383	353	7.59	cps
Vanadium	51-2	153	193	180	176	11.60	cps
Ytterbium	172-1	58	33	33	42	34.64	cps
Ytterbium	172-2	17	11	17	15	21.67	cps
Ytterbium	176-1	1025	792	933	917	12.82	cps
Ytterbium	176-2	5863	5951	6001	5938	1.19	cps
Yttrium	89-1	14939713	15229904	15445475	15205031	1.67	cps
Yttrium	89-2	1422983	1441527	1458925	1441145	1.25	cps
Zinc	66-2	2380	2440	2527	2449	3.01	cps
Zirconium	90-1	925	1183	1117	1075	12.48	cps
Zirconium	91-1	200	183	258	214	18.41	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	ICSAB083	Instrumnet Name :	P8
Client Sample ID :	ICSAB083	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 13:04:43	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3665215	3734046	3574784	3658015	2.18	cps
Antimony	121-1	102064	102072	101467	101868	0.34	cps
Arsenic	75-2	2684	2620	2628	2644	1.32	cps
Barium	135-1	27721	27111	27086	27306	1.32	cps
Barium	137-1	62946	64085	64731	63921	1.41	cps
Beryllium	9-1	26863	26639	26326	26609	1.01	cps
Bismuth	209-1	5222926	5363276	5384521	5323574	1.65	cps
Bismuth	209-2	2831876	2804576	2766868	2801106	1.17	cps
Boron	10-1	1976	1964	1776	1905	5.89	cps
Boron	11-1	9391	9237	8527	9052	5.09	cps
Bromine	81-1	21248	19253	20396	20299	4.93	cps
Cadmium	111-1	25333	25811	25215	25453	1.24	cps
Cadmium	106-1	5843	5676	5493	5671	3.09	cps
Cadmium	108-1	2425	2500	2546	2491	2.45	cps
Calcium	43-1	1745825	1788213	1798166	1777401	1.56	cps
Calcium	44-1	28209705	29643627	28724736	28859356	2.52	cps
Carbon	12-1	20645605	21208147	20840835	20898196	1.37	cps
Carbon	12-2	232522	234105	234861	233829	0.51	cps
Chlorine	35-1	11806650	14127536	16059445	13997877	15.21	cps
Chlorine	35-2	117442	124217	128744	123468	4.61	cps
Chromium	52-2	58128	58580	57890	58199	0.60	cps
Cobalt	59-2	55813	55927	55665	55801	0.24	cps
Copper	63-2	54531	53504	55144	54393	1.52	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	13	7	10	10	33.30	cps
Erbium	164-1	67	58	67	64	7.54	cps
Erbium	164-2	20	23	33	26	27.15	cps
Gadolinium	160-1	50	33	75	53	39.74	cps
Gadolinium	160-2	67	53	57	59	11.79	cps
Holmium	165-1	9585256	9648111	9540471	9591279	0.56	cps
Holmium	165-2	4261511	4143163	4039371	4148015	2.68	cps
Indium	115-1	7836435	7947976	8133283	7972565	1.88	cps
Indium	115-2	1105456	1098246	1071729	1091810	1.63	cps
Iron	54-2	6119792	6095989	6132694	6116159	0.30	cps
Iron	56-2	113056991	109610286	109161900	110609726	1.93	cps
Iron	57-2	2874607	2769209	2876395	2840070	2.16	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	ICSAB083	Instrumnet Name :	P8
Client Sample ID :	ICSAB083	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 13:04:43	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1020	1180	1117	1106	7.29	cps
Lead	206-1	84569	88176	90358	87701	3.33	cps
Lead	207-1	71419	76436	73100	73652	3.47	cps
Lead	208-1	331061	340855	346398	339438	2.29	cps
Lithium	6-1	2810053	2929057	2804648	2847919	2.47	cps
Magnesium	24-2	10666470	10998616	11046424	10903837	1.90	cps
Manganese	55-2	19009	19006	18766	18927	0.74	cps
Molybdenum	94-1	2980679	3087715	3011074	3026489	1.82	cps
Molybdenum	95-1	5208623	5333625	5338104	5293451	1.39	cps
Molybdenum	96-1	5824233	5729202	5833321	5795585	1.00	cps
Molybdenum	97-1	3321048	3400389	3306259	3342565	1.51	cps
Molybdenum	98-1	8482669	8580378	8469365	8510804	0.71	cps
Neodymium	150-1	13	67	27	36	78.07	cps
Neodymium	150-2	0	13	0	4	173.21	cps
Nickel	60-2	17491	18289	18342	18040	2.64	cps
Phosphorus	31-2	195524	194279	189952	193252	1.51	cps
Potassium	39-2	7730882	7959449	7706971	7799101	1.79	cps
Rhodium	103-1	7453323	7376438	7460340	7430034	0.63	cps
Rhodium	103-2	3441174	3324728	3258147	3341350	2.77	cps
Scandium	45-1	5984401	6045747	5936388	5988845	0.92	cps
Scandium	45-2	177364	175237	175112	175904	0.72	cps
Selenium	82-1	1913	1832	1848	1864	2.31	cps
Selenium	77-2	47	33	47	42	18.24	cps
Selenium	78-2	213	176	151	180	17.33	cps
Silicon	28-1	657525	669691	677543	668253	1.51	cps
Silver	107-1	116197	117921	118541	117553	1.03	cps
Silver	109-1	111972	113652	114114	113246	1.00	cps
Sodium	23-2	21641849	22321083	22333078	22098670	1.79	cps
Strontium	86-1	65521	66752	64658	65644	1.60	cps
Strontium	88-1	536471	545956	551335	544587	1.38	cps
Sulfur	34-1	2531414	2521290	2597643	2550116	1.63	cps
Terbium	159-1	9877806	9938587	10131498	9982630	1.33	cps
Terbium	159-2	4135781	4160015	4014392	4103396	1.90	cps
Thallium	203-1	89551	89610	88982	89381	0.39	cps
Thallium	205-1	209896	210490	213771	211386	0.99	cps
Tin	118-1	24957	24481	25917	25118	2.91	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	ICSAB083	Instrumnet Name :	P8
Client Sample ID :	ICSAB083	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 13:04:43	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1694481	1733956	1655598	1694678	2.31	cps
Uranium	238-1	375	325	392	364	9.53	cps
Vanadium	51-2	23476	23556	24064	23699	1.34	cps
Ytterbium	172-1	25	58	17	33	66.13	cps
Ytterbium	172-2	6	0	22	9	124.87	cps
Ytterbium	176-1	908	883	958	917	4.17	cps
Ytterbium	176-2	5679	5674	5696	5683	0.20	cps
Yttrium	89-1	15202257	14879369	15045056	15042227	1.07	cps
Yttrium	89-2	1463367	1444296	1437382	1448348	0.93	cps
Zinc	66-2	6055	6305	6552	6304	3.94	cps
Zirconium	90-1	1150	1092	1017	1086	6.15	cps
Zirconium	91-1	217	300	208	242	20.97	cps

LB Number : LB117862 Operator : Jaswal
 Lab Sample ID : CCV065 Instrumnet Name : P8
 Client Sample ID : CCV065 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-16 13:07:36 DataFile Name : 016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1929715	1906126	1923609	1919817	0.64	cps
Antimony	121-1	2354626	2313497	2381034	2349719	1.45	cps
Arsenic	75-2	65354	64907	64645	64968	0.55	cps
Barium	135-1	3227400	3184833	3285080	3232438	1.56	cps
Barium	137-1	7396311	7259442	7582833	7412862	2.19	cps
Beryllium	9-1	635413	636760	642681	638285	0.61	cps
Bismuth	209-1	5318010	5383328	5296980	5332773	0.84	cps
Bismuth	209-2	2776132	2667187	2740218	2727846	2.04	cps
Boron	10-1	56431	59962	62092	59495	4.81	cps
Boron	11-1	268514	289006	296654	284724	5.11	cps
Bromine	81-1	19845	19584	18181	19203	4.66	cps
Cadmium	111-1	575560	569319	570175	571685	0.59	cps
Cadmium	106-1	68647	66906	65523	67025	2.34	cps
Cadmium	108-1	43502	44492	44702	44232	1.45	cps
Calcium	43-1	4378458	4468850	4488250	4445186	1.32	cps
Calcium	44-1	70533976	70308207	69985942	70276041	0.39	cps
Carbon	12-1	5084241	5421700	5545707	5350550	4.46	cps
Carbon	12-2	65354	65363	67841	66186	2.17	cps
Chlorine	35-1	6773577	6736558	6518051	6676062	2.07	cps
Chlorine	35-2	37733	37432	35193	36786	3.77	cps
Chromium	52-2	718918	719252	720844	719671	0.14	cps
Cobalt	59-2	1334181	1321038	1297567	1317595	1.41	cps
Copper	63-2	9826129	9903589	9918654	9882791	0.50	cps
Dysprosium	156-1	767	733	542	681	17.84	cps
Dysprosium	156-2	247	243	257	249	2.79	cps
Erbium	164-1	175	217	292	228	25.96	cps
Erbium	164-2	113	113	80	102	18.83	cps
Gadolinium	160-1	625	633	658	639	2.72	cps
Gadolinium	160-2	353	367	363	361	1.92	cps
Holmium	165-1	9358001	9615354	9570912	9514756	1.45	cps
Holmium	165-2	4101584	4074172	4139968	4105241	0.81	cps
Indium	115-1	8000269	7901050	7949274	7950198	0.62	cps
Indium	115-2	1056529	1048268	1057099	1053966	0.47	cps
Iron	54-2	7396128	7505428	7425005	7442187	0.76	cps
Iron	56-2	135485859	132487639	137973156	135315551	2.03	cps
Iron	57-2	3411836	3429148	3444379	3428454	0.47	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	CCV065	Instrumnet Name :	P8
Client Sample ID :	CCV065	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 13:07:36	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1260	1107	1063	1143	9.04	cps
Lead	206-1	9011331	8894587	8738436	8881452	1.54	cps
Lead	207-1	7786319	7616894	7864499	7755904	1.63	cps
Lead	208-1	35728886	35084369	35692325	35501860	1.02	cps
Lithium	6-1	2783969	2912259	2902535	2866254	2.49	cps
Magnesium	24-2	27841995	28165519	28083119	28030211	0.60	cps
Manganese	55-2	3532903	3551324	3622450	3568892	1.33	cps
Molybdenum	94-1	10048064	9922294	10484827	10151728	2.91	cps
Molybdenum	95-1	14750724	14603361	14861790	14738625	0.88	cps
Molybdenum	96-1	16138963	16298697	16341466	16259709	0.66	cps
Molybdenum	97-1	9078011	8959312	9363810	9133711	2.28	cps
Molybdenum	98-1	23881149	23603408	23876293	23786950	0.67	cps
Neodymium	150-1	413	560	467	480	15.47	cps
Neodymium	150-2	120	110	103	111	7.55	cps
Nickel	60-2	359175	355814	348976	354655	1.47	cps
Phosphorus	31-2	20615	19539	19272	19808	3.59	cps
Potassium	39-2	10068902	9962217	10120711	10050610	0.80	cps
Rhodium	103-1	7470575	7274035	7415394	7386668	1.37	cps
Rhodium	103-2	3138428	3126964	3160394	3141929	0.54	cps
Scandium	45-1	6009088	5926816	6042406	5992770	0.99	cps
Scandium	45-2	171598	174584	177004	174395	1.55	cps
Selenium	82-1	47060	47960	47646	47555	0.96	cps
Selenium	77-2	1217	1153	1273	1215	4.94	cps
Selenium	78-2	4329	4272	4108	4236	2.71	cps
Silicon	28-1	2548459	2694285	2690260	2644335	3.14	cps
Silver	107-1	3215595	3256079	3296725	3256133	1.25	cps
Silver	109-1	3019017	3091700	3020721	3043813	1.36	cps
Sodium	23-2	55081235	55124122	54822428	55009262	0.30	cps
Strontium	86-1	9240693	9036847	9080698	9119412	1.18	cps
Strontium	88-1	78269871	78979287	78701439	78650199	0.45	cps
Sulfur	34-1	634350	614551	626531	625144	1.60	cps
Terbium	159-1	9801505	10006710	10135396	9981204	1.69	cps
Terbium	159-2	4087806	3919864	4068006	4025225	2.28	cps
Thallium	203-1	2171842	2209316	2199551	2193570	0.89	cps
Thallium	205-1	5179727	5152196	5118150	5150024	0.60	cps
Tin	118-1	2110981	2114184	2128149	2117771	0.43	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	CCV065	Instrumnet Name :	P8
Client Sample ID :	CCV065	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 13:07:36	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4638772	4822217	4721276	4727422	1.94	cps
Uranium	238-1	6838542	6909237	6828740	6858840	0.64	cps
Vanadium	51-2	605078	597428	598092	600199	0.71	cps
Ytterbium	172-1	75	67	67	69	6.93	cps
Ytterbium	172-2	17	28	22	22	25.00	cps
Ytterbium	176-1	10463	10404	9929	10265	2.85	cps
Ytterbium	176-2	9437	9531	10104	9691	3.73	cps
Yttrium	89-1	15202964	15269903	15367369	15280078	0.54	cps
Yttrium	89-2	1417736	1404712	1419255	1413901	0.57	cps
Zinc	66-2	1003823	995906	986639	995456	0.86	cps
Zirconium	90-1	4850754	4896398	4823720	4856957	0.76	cps
Zirconium	91-1	1070758	1106641	1089830	1089076	1.65	cps

LB Number : LB117862 Operator : Jaswal
 Lab Sample ID : CCB065 Instrumnet Name : P8
 Client Sample ID : CCB065 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-16 13:18:11 DataFile Name : 017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	164	124	105	131	22.93	cps
Antimony	121-1	275	433	358	356	22.28	cps
Arsenic	75-2	13	13	6	11	37.89	cps
Barium	135-1	42	75	75	64	30.12	cps
Barium	137-1	108	103	137	116	15.48	cps
Beryllium	9-1	192	244	182	206	16.16	cps
Bismuth	209-1	5385654	5199081	5302805	5295847	1.77	cps
Bismuth	209-2	2812342	2858762	2844964	2838690	0.84	cps
Boron	10-1	1538	1576	1446	1520	4.40	cps
Boron	11-1	7781	7522	7380	7561	2.68	cps
Bromine	81-1	19814	19263	18561	19213	3.27	cps
Cadmium	111-1	398	318	288	335	17.05	cps
Cadmium	106-1	3359	3042	3159	3187	5.03	cps
Cadmium	108-1	25	38	42	35	24.98	cps
Calcium	43-1	242	255	247	248	2.53	cps
Calcium	44-1	19834	20123	19734	19897	1.02	cps
Carbon	12-1	3824616	3875317	3931728	3877220	1.38	cps
Carbon	12-2	39872	42128	41451	41150	2.81	cps
Chlorine	35-1	1294076	1262731	1291740	1282849	1.36	cps
Chlorine	35-2	7060	7510	7360	7310	3.14	cps
Chromium	52-2	527	553	637	572	10.03	cps
Cobalt	59-2	107	87	53	82	32.77	cps
Copper	63-2	797	620	777	731	13.23	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	7	7	10	8	24.71	cps
Erbium	164-1	67	17	42	42	60.00	cps
Erbium	164-2	30	13	23	22	37.76	cps
Gadolinium	160-1	58	67	33	53	32.87	cps
Gadolinium	160-2	77	60	70	69	12.18	cps
Holmium	165-1	9305365	8646842	8855992	8936066	3.77	cps
Holmium	165-2	3957173	4020789	4072232	4016731	1.43	cps
Indium	115-1	7940857	7479588	7997403	7805949	3.64	cps
Indium	115-2	1078720	1086265	1080708	1081897	0.36	cps
Iron	54-2	561	378	433	457	20.55	cps
Iron	56-2	6936	3828	3834	4866	36.84	cps
Iron	57-2	272	178	261	237	21.78	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	CCB065	Instrumnet Name :	P8
Client Sample ID :	CCB065	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 13:18:11	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1073	1070	1170	1105	5.14	cps
Lead	206-1	1067	1067	1045	1059	1.21	cps
Lead	207-1	961	889	1006	952	6.19	cps
Lead	208-1	4217	4311	4284	4271	1.14	cps
Lithium	6-1	2879665	2649816	2777198	2768893	4.16	cps
Magnesium	24-2	858	708	725	764	10.76	cps
Manganese	55-2	123	53	53	77	52.72	cps
Molybdenum	94-1	542	458	458	486	9.90	cps
Molybdenum	95-1	342	283	267	297	13.25	cps
Molybdenum	96-1	517	625	500	547	12.40	cps
Molybdenum	97-1	250	217	117	194	35.69	cps
Molybdenum	98-1	667	458	450	525	23.38	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	90	67	90	82	16.38	cps
Phosphorus	31-2	183	242	150	192	24.21	cps
Potassium	39-2	15275	14616	16101	15331	4.85	cps
Rhodium	103-1	7657188	7248293	7684317	7529933	3.24	cps
Rhodium	103-2	3317184	3226047	3363882	3302371	2.12	cps
Scandium	45-1	5953061	5383224	5825879	5720721	5.23	cps
Scandium	45-2	170380	172508	173818	172235	1.01	cps
Selenium	82-1	-4	86	-58	8	910.46	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	48	44	34	42	17.18	cps
Silicon	28-1	546594	554041	546610	549082	0.78	cps
Silver	107-1	375	333	408	372	10.09	cps
Silver	109-1	233	267	317	272	15.41	cps
Sodium	23-2	15759	15417	15050	15408	2.30	cps
Strontium	86-1	1717	1675	1658	1683	1.78	cps
Strontium	88-1	733	792	567	697	16.75	cps
Sulfur	34-1	325992	328688	329911	328197	0.61	cps
Terbium	159-1	9779438	9093178	9813527	9562048	4.25	cps
Terbium	159-2	4008279	3854516	3949409	3937401	1.97	cps
Thallium	203-1	1242	1283	1417	1314	6.96	cps
Thallium	205-1	3084	3034	3200	3106	2.75	cps
Tin	118-1	29290	29934	29549	29591	1.09	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	CCB065	Instrumnet Name :	P8
Client Sample ID :	CCB065	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 13:18:11	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	225	233	167	208	17.44	cps
Uranium	238-1	50	58	67	58	14.29	cps
Vanadium	51-2	20	17	17	18	10.81	cps
Ytterbium	172-1	50	42	17	36	48.03	cps
Ytterbium	172-2	17	6	17	13	49.47	cps
Ytterbium	176-1	833	717	817	789	8.00	cps
Ytterbium	176-2	5435	5796	5746	5659	3.46	cps
Yttrium	89-1	14829403	13889851	15093311	14604188	4.33	cps
Yttrium	89-2	1419554	1396227	1413056	1409612	0.85	cps
Zinc	66-2	150	77	120	116	31.90	cps
Zirconium	90-1	908	958	817	895	8.03	cps
Zirconium	91-1	133	158	158	150	9.62	cps

LB Number : LB117862 Operator : Jaswal
 Lab Sample ID : PB141367BL Instrumnet Name : P8
 Client Sample ID : PBW367 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-16 13:21:13 DataFile Name : 018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	126	121	110	119	6.98	cps
Antimony	121-1	317	308	242	289	14.23	cps
Arsenic	75-2	14	13	16	14	10.66	cps
Barium	135-1	75	58	92	75	22.22	cps
Barium	137-1	137	110	180	142	24.84	cps
Beryllium	9-1	192	204	200	199	3.08	cps
Bismuth	209-1	5384247	5678745	5557608	5540200	2.67	cps
Bismuth	209-2	2452313	2906306	2998240	2785620	10.49	cps
Boron	10-1	1250	1272	1140	1220	5.79	cps
Boron	11-1	6152	6068	5808	6009	2.99	cps
Bromine	81-1	18832	18832	18120	18595	2.21	cps
Cadmium	111-1	312	362	359	344	8.22	cps
Cadmium	106-1	3275	3726	3601	3534	6.57	cps
Cadmium	108-1	46	63	75	61	23.95	cps
Calcium	43-1	275	250	261	262	4.78	cps
Calcium	44-1	20536	20297	19807	20213	1.84	cps
Carbon	12-1	3988733	3835963	3863205	3895967	2.09	cps
Carbon	12-2	42153	41510	41652	41771	0.81	cps
Chlorine	35-1	1052277	1012290	1008023	1024197	2.38	cps
Chlorine	35-2	5610	5760	5443	5604	2.83	cps
Chromium	52-2	503	603	543	550	9.15	cps
Cobalt	59-2	80	113	90	94	18.11	cps
Copper	63-2	697	653	647	666	4.08	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	75	75	92	81	11.95	cps
Erbium	164-2	17	20	33	23	37.78	cps
Gadolinium	160-1	8	67	42	39	75.26	cps
Gadolinium	160-2	47	83	63	64	28.48	cps
Holmium	165-1	9244391	9364712	9409859	9339654	0.92	cps
Holmium	165-2	3472496	4007138	4062036	3847224	8.47	cps
Indium	115-1	7988228	8048613	7951367	7996069	0.61	cps
Indium	115-2	926877	1079389	1091268	1032511	8.88	cps
Iron	54-2	406	489	489	461	10.43	cps
Iron	56-2	4317	3812	3701	3943	8.34	cps
Iron	57-2	183	206	261	217	18.49	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	PB141367BL	Instrumnet Name :	P8
Client Sample ID :	PBW367	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 13:21:13	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	957	1140	1190	1096	11.21	cps
Lead	206-1	1111	1100	1000	1070	5.72	cps
Lead	207-1	1072	822	900	932	13.74	cps
Lead	208-1	4500	4289	3850	4213	7.87	cps
Lithium	6-1	2855376	2776885	2811670	2814644	1.40	cps
Magnesium	24-2	883	908	783	858	7.71	cps
Manganese	55-2	80	53	93	76	26.96	cps
Molybdenum	94-1	617	558	542	572	6.88	cps
Molybdenum	95-1	567	392	317	425	30.19	cps
Molybdenum	96-1	483	508	517	503	3.45	cps
Molybdenum	97-1	267	208	275	250	14.53	cps
Molybdenum	98-1	625	625	542	597	8.06	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	53	70	37	53	31.25	cps
Phosphorus	31-2	175	150	150	158	9.12	cps
Potassium	39-2	15292	15125	15067	15161	0.77	cps
Rhodium	103-1	7639405	7624600	7779959	7681321	1.12	cps
Rhodium	103-2	2753594	3398782	3350177	3167518	11.34	cps
Scandium	45-1	5739200	5988373	5937370	5888314	2.24	cps
Scandium	45-2	146262	173829	175222	165104	9.89	cps
Selenium	82-1	174	-25	-83	22	612.68	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	48	43	44	45	5.89	cps
Silicon	28-1	547658	548619	544598	546958	0.38	cps
Silver	107-1	333	167	292	264	32.87	cps
Silver	109-1	250	117	125	164	45.58	cps
Sodium	23-2	14966	15425	14316	14902	3.74	cps
Strontium	86-1	2092	1875	1884	1950	6.30	cps
Strontium	88-1	1250	1358	1100	1236	10.49	cps
Sulfur	34-1	330757	329451	328354	329521	0.37	cps
Terbium	159-1	9751115	9931714	9909030	9863953	1.00	cps
Terbium	159-2	3313902	3830957	3891433	3678764	8.63	cps
Thallium	203-1	1275	1275	1350	1300	3.33	cps
Thallium	205-1	3025	2850	2992	2956	3.14	cps
Tin	118-1	30743	31479	29132	30451	3.94	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	PB141367BL	Instrumnet Name :	P8
Client Sample ID :	PBW367	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 13:21:13	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	217	208	250	225	9.80	cps
Uranium	238-1	42	117	92	83	45.82	cps
Vanadium	51-2	7	7	13	9	43.25	cps
Ytterbium	172-1	25	8	17	17	50.01	cps
Ytterbium	172-2	22	11	11	15	43.30	cps
Ytterbium	176-1	950	1025	1042	1006	4.86	cps
Ytterbium	176-2	4779	5735	5929	5481	11.24	cps
Yttrium	89-1	14782183	15227157	15064348	15024563	1.50	cps
Yttrium	89-2	1183065	1407140	1442070	1344092	10.46	cps
Zinc	66-2	100	97	117	104	10.26	cps
Zirconium	90-1	758	875	875	836	8.06	cps
Zirconium	91-1	200	125	142	156	25.32	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	PB141367BS	Instrumnet Name :	P8
Client Sample ID :	LCS367	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 13:24:18	DataFile Name :	019LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1550	1440	1456	1482	4.01	cps
Antimony	121-1	17311	18004	18012	17776	2.26	cps
Arsenic	75-2	256	261	237	251	5.04	cps
Barium	135-1	21993	23254	23429	22892	3.42	cps
Barium	137-1	53474	53102	53298	53291	0.35	cps
Beryllium	9-1	2672	2758	2744	2724	1.69	cps
Bismuth	209-1	5111365	5051168	5440907	5201147	4.03	cps
Bismuth	209-2	2870274	2854623	2898323	2874406	0.77	cps
Boron	10-1	5398	6110	6104	5871	6.97	cps
Boron	11-1	26180	28783	29428	28130	6.11	cps
Bromine	81-1	17679	17820	18882	18127	3.63	cps
Cadmium	111-1	2211	2231	2263	2235	1.17	cps
Cadmium	106-1	3534	3284	3742	3520	6.52	cps
Cadmium	108-1	208	283	258	250	15.27	cps
Calcium	43-1	16446	17186	16575	16736	2.36	cps
Calcium	44-1	285707	288762	287943	287471	0.55	cps
Carbon	12-1	3909733	3859479	3899858	3889690	0.68	cps
Carbon	12-2	40925	42746	41309	41660	2.30	cps
Chlorine	35-1	908226	880970	897184	895460	1.53	cps
Chlorine	35-2	5118	5176	4918	5070	2.67	cps
Chromium	52-2	5805	5985	5581	5790	3.49	cps
Cobalt	59-2	4988	5141	5121	5083	1.64	cps
Copper	63-2	8186	8503	8389	8359	1.92	cps
Dysprosium	156-1	25	8	8	14	69.31	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	92	100	67	86	20.14	cps
Erbium	164-2	30	33	33	32	5.97	cps
Gadolinium	160-1	67	42	33	47	36.74	cps
Gadolinium	160-2	53	60	83	66	24.03	cps
Holmium	165-1	8921578	8510786	9051069	8827811	3.20	cps
Holmium	165-2	3979930	3978988	4022119	3993679	0.62	cps
Indium	115-1	7778821	7447227	7936307	7720785	3.23	cps
Indium	115-2	1084807	1090672	1093967	1089815	0.43	cps
Iron	54-2	26080	25506	25840	25809	1.12	cps
Iron	56-2	454220	476503	471980	467568	2.52	cps
Iron	57-2	11549	11416	11827	11598	1.81	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	PB141367BS	Instrumnet Name :	P8
Client Sample ID :	LCS367	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 13:24:18	DataFile Name :	019LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1067	1030	1017	1038	2.49	cps
Lead	206-1	7019	7285	7869	7391	5.89	cps
Lead	207-1	5996	6769	6213	6326	6.30	cps
Lead	208-1	28374	29230	29725	29110	2.35	cps
Lithium	6-1	2701743	2611337	2968245	2760442	6.72	cps
Magnesium	24-2	109881	108094	107572	108516	1.12	cps
Manganese	55-2	1460	1517	1313	1430	7.34	cps
Molybdenum	94-1	21751	21934	22152	21946	0.91	cps
Molybdenum	95-1	25891	26008	26159	26019	0.51	cps
Molybdenum	96-1	29290	28872	29023	29062	0.73	cps
Molybdenum	97-1	15935	15918	15509	15787	1.53	cps
Molybdenum	98-1	40619	42424	41170	41404	2.23	cps
Neodymium	150-1	13	0	20	11	91.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1413	1470	1507	1463	3.21	cps
Phosphorus	31-2	208	250	250	236	10.19	cps
Potassium	39-2	90416	91918	92035	91457	0.99	cps
Rhodium	103-1	7346863	7070803	7655716	7357794	3.98	cps
Rhodium	103-2	3301974	3278993	3445550	3342172	2.70	cps
Scandium	45-1	5638319	5408360	5845794	5630824	3.89	cps
Scandium	45-2	171602	171761	174318	172560	0.88	cps
Selenium	82-1	955	923	889	923	3.54	cps
Selenium	77-2	33	23	30	29	17.63	cps
Selenium	78-2	133	151	127	137	9.12	cps
Silicon	28-1	645841	633738	636223	638601	1.00	cps
Silver	107-1	10796	10880	11497	11058	3.46	cps
Silver	109-1	10429	10513	10754	10565	1.60	cps
Sodium	23-2	223115	222139	216665	220640	1.58	cps
Strontium	86-1	5018	5368	5334	5240	3.69	cps
Strontium	88-1	29757	29833	29507	29699	0.57	cps
Sulfur	34-1	330115	335183	332996	332765	0.76	cps
Terbium	159-1	9217114	8933177	9730770	9293687	4.35	cps
Terbium	159-2	3982694	3864334	3888842	3911957	1.60	cps
Thallium	203-1	8778	9137	8345	8753	4.53	cps
Thallium	205-1	20984	21527	21076	21196	1.37	cps
Tin	118-1	68304	70826	69319	69483	1.83	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	PB141367BS	Instrumnet Name :	P8
Client Sample ID :	LCS367	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 13:24:18	DataFile Name :	019LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	7969	8620	8736	8442	4.90	cps
Uranium	238-1	22738	24157	23122	23339	3.15	cps
Vanadium	51-2	11335	11021	11144	11167	1.41	cps
Ytterbium	172-1	33	25	42	33	25.01	cps
Ytterbium	172-2	11	17	11	13	24.76	cps
Ytterbium	176-1	1167	1058	1125	1117	4.89	cps
Ytterbium	176-2	5396	5574	5635	5535	2.24	cps
Yttrium	89-1	14680096	14238790	14853613	14590833	2.17	cps
Yttrium	89-2	1428983	1410079	1444084	1427716	1.19	cps
Zinc	66-2	1843	2087	2057	1996	6.65	cps
Zirconium	90-1	18229	18496	18713	18479	1.31	cps
Zirconium	91-1	3817	4017	4267	4034	5.59	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	PB141390BL	Instrumnet Name :	P8
Client Sample ID :	PBW390	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 13:27:21	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	212	239	169	207	17.11	cps
Antimony	121-1	425	367	325	372	13.50	cps
Arsenic	75-2	17	10	10	12	32.77	cps
Barium	135-1	600	250	142	331	72.47	cps
Barium	137-1	977	475	310	587	59.13	cps
Beryllium	9-1	252	210	212	225	10.55	cps
Bismuth	209-1	5516720	5320493	5266119	5367777	2.46	cps
Bismuth	209-2	2864774	2875734	2884407	2874971	0.34	cps
Boron	10-1	1692	1570	1598	1620	3.95	cps
Boron	11-1	8019	7891	7210	7707	5.64	cps
Bromine	81-1	19263	18221	18872	18785	2.80	cps
Cadmium	111-1	417	418	355	397	9.11	cps
Cadmium	106-1	3526	3451	3376	3451	2.17	cps
Cadmium	108-1	71	79	50	67	22.54	cps
Calcium	43-1	842	481	455	593	36.52	cps
Calcium	44-1	28765	24287	22360	25137	13.07	cps
Carbon	12-1	3921829	4010541	3956782	3963050	1.13	cps
Carbon	12-2	40198	40708	40265	40390	0.69	cps
Chlorine	35-1	809960	775585	764231	783259	3.04	cps
Chlorine	35-2	4601	4292	4726	4540	4.91	cps
Chromium	52-2	577	630	643	617	5.72	cps
Cobalt	59-2	120	110	90	107	14.32	cps
Copper	63-2	910	730	860	833	11.15	cps
Dysprosium	156-1	0	8	17	8	100.02	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	50	92	92	78	30.93	cps
Erbium	164-2	30	27	13	23	37.81	cps
Gadolinium	160-1	50	33	83	56	45.83	cps
Gadolinium	160-2	100	67	77	81	21.09	cps
Holmium	165-1	9285035	8908971	9010606	9068204	2.15	cps
Holmium	165-2	3974758	3939920	4069739	3994806	1.68	cps
Indium	115-1	7922414	7807697	7777861	7835991	0.97	cps
Indium	115-2	1075628	1066886	1105065	1082526	1.85	cps
Iron	54-2	722	761	706	730	3.91	cps
Iron	56-2	8936	9059	7953	8649	7.01	cps
Iron	57-2	356	400	261	339	20.93	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	PB141390BL	Instrumnet Name :	P8
Client Sample ID :	PBW390	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 13:27:21	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	933	1150	1203	1096	13.05	cps
Lead	206-1	1917	1489	1328	1578	19.29	cps
Lead	207-1	1717	1311	1206	1411	19.12	cps
Lead	208-1	7690	6217	5439	6449	17.72	cps
Lithium	6-1	2833424	2669170	2713178	2738591	3.10	cps
Magnesium	24-2	1417	1292	1425	1378	5.42	cps
Manganese	55-2	127	187	147	153	19.92	cps
Molybdenum	94-1	1859	967	867	1231	44.37	cps
Molybdenum	95-1	2017	967	942	1308	46.90	cps
Molybdenum	96-1	2509	1692	1158	1786	38.07	cps
Molybdenum	97-1	1458	675	558	897	54.55	cps
Molybdenum	98-1	3175	1959	1642	2259	35.85	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	43	43	73	53	32.48	cps
Phosphorus	31-2	133	200	158	164	20.55	cps
Potassium	39-2	15676	15692	16251	15873	2.06	cps
Rhodium	103-1	7773096	7216184	7349738	7446339	3.90	cps
Rhodium	103-2	3368835	3323485	3384640	3358987	0.95	cps
Scandium	45-1	5799199	5568033	5668199	5678477	2.04	cps
Scandium	45-2	172523	172252	176919	173898	1.51	cps
Selenium	82-1	165	-51	-130	-5	-2862.64	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	37	38	40	38	3.98	cps
Silicon	28-1	551738	555932	549410	552360	0.60	cps
Silver	107-1	275	275	300	283	5.09	cps
Silver	109-1	300	275	208	261	18.15	cps
Sodium	23-2	15308	15359	14408	15025	3.56	cps
Strontium	86-1	2917	2500	2259	2559	13.02	cps
Strontium	88-1	9704	4826	4109	6213	49.00	cps
Sulfur	34-1	332122	339600	334328	335350	1.15	cps
Terbium	159-1	9551567	9379562	9464041	9465057	0.91	cps
Terbium	159-2	3905302	3916561	3936616	3919493	0.40	cps
Thallium	203-1	1508	1183	1325	1339	12.17	cps
Thallium	205-1	3576	3009	3125	3237	9.25	cps
Tin	118-1	30710	29783	30309	30267	1.54	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	PB141390BL	Instrumnet Name :	P8
Client Sample ID :	PBW390	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 13:27:21	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	908	408	442	586	47.70	cps
Uranium	238-1	842	508	408	586	38.71	cps
Vanadium	51-2	27	33	23	28	18.33	cps
Ytterbium	172-1	8	50	0	19	137.78	cps
Ytterbium	172-2	17	11	22	17	33.33	cps
Ytterbium	176-1	800	1083	1175	1020	19.18	cps
Ytterbium	176-2	5601	5690	5879	5724	2.48	cps
Yttrium	89-1	15007343	14390530	14614243	14670705	2.13	cps
Yttrium	89-2	1393044	1455702	1445950	1431565	2.36	cps
Zinc	66-2	110	157	140	136	17.45	cps
Zirconium	90-1	1425	1083	1008	1172	18.95	cps
Zirconium	91-1	192	200	225	206	8.44	cps

LB Number : LB117862 Operator : Jaswal
 Lab Sample ID : PB141390BS Instrumnet Name : P8
 Client Sample ID : LCS390 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-16 13:30:26 DataFile Name : 021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1536	1476	1535	1516	2.26	cps
Antimony	121-1	17345	17720	17278	17448	1.37	cps
Arsenic	75-2	287	265	279	277	4.02	cps
Barium	135-1	23245	23154	24039	23479	2.07	cps
Barium	137-1	54317	53233	53363	53638	1.10	cps
Beryllium	9-1	2734	2742	2730	2735	0.22	cps
Bismuth	209-1	5243604	5294791	5333783	5290726	0.85	cps
Bismuth	209-2	2913028	2870668	2793675	2859124	2.12	cps
Boron	10-1	5438	5826	6092	5785	5.69	cps
Boron	11-1	26573	28432	29951	28318	5.97	cps
Bromine	81-1	18742	20226	18111	19026	5.71	cps
Cadmium	111-1	2456	2235	2363	2351	4.70	cps
Cadmium	106-1	3526	3776	4067	3790	7.16	cps
Cadmium	108-1	221	221	204	215	4.47	cps
Calcium	43-1	16903	17073	17072	17016	0.58	cps
Calcium	44-1	292046	290811	291148	291335	0.22	cps
Carbon	12-1	3852874	3937918	3948948	3913247	1.34	cps
Carbon	12-2	43824	42303	41953	42693	2.33	cps
Chlorine	35-1	664838	657894	662072	661601	0.53	cps
Chlorine	35-2	4134	3692	3692	3840	6.64	cps
Chromium	52-2	5941	6055	5865	5954	1.61	cps
Cobalt	59-2	5181	4961	4931	5024	2.72	cps
Copper	63-2	8383	8453	8486	8440	0.63	cps
Dysprosium	156-1	17	17	17	17	0.00	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	67	83	33	61	41.67	cps
Erbium	164-2	20	43	20	28	48.49	cps
Gadolinium	160-1	108	58	25	64	65.65	cps
Gadolinium	160-2	53	43	70	56	24.25	cps
Holmium	165-1	8769134	8712338	9285197	8922223	3.54	cps
Holmium	165-2	4041939	4051507	4038411	4043952	0.17	cps
Indium	115-1	7842281	7684384	7871190	7799285	1.29	cps
Indium	115-2	1115704	1095641	1100066	1103804	0.95	cps
Iron	54-2	26814	26041	25573	26143	2.40	cps
Iron	56-2	466581	474538	475724	472281	1.05	cps
Iron	57-2	11711	11722	11966	11799	1.23	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	PB141390BS	Instrumnet Name :	P8
Client Sample ID :	LCS390	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 13:30:26	DataFile Name :	021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1030	1100	1153	1095	5.65	cps
Lead	206-1	7397	7124	7302	7274	1.90	cps
Lead	207-1	6391	6163	6168	6241	2.08	cps
Lead	208-1	28730	28880	29136	28915	0.71	cps
Lithium	6-1	2703225	2735787	2833090	2757367	2.45	cps
Magnesium	24-2	110880	108421	110822	110041	1.28	cps
Manganese	55-2	1400	1340	1477	1406	4.87	cps
Molybdenum	94-1	21492	21960	21676	21709	1.09	cps
Molybdenum	95-1	25966	25975	26033	25992	0.14	cps
Molybdenum	96-1	29290	28004	28847	28714	2.28	cps
Molybdenum	97-1	16727	15342	16502	16190	4.59	cps
Molybdenum	98-1	41471	41203	41897	41524	0.84	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	1473	1433	1353	1420	4.30	cps
Phosphorus	31-2	275	267	242	261	6.65	cps
Potassium	39-2	90877	91800	90736	91138	0.63	cps
Rhodium	103-1	7363756	7485124	7500904	7449928	1.01	cps
Rhodium	103-2	3417108	3372335	3337435	3375626	1.18	cps
Scandium	45-1	5773641	5589941	5881625	5748402	2.57	cps
Scandium	45-2	173455	174818	178192	175488	1.39	cps
Selenium	82-1	925	809	783	839	9.00	cps
Selenium	77-2	20	17	13	17	20.01	cps
Selenium	78-2	114	111	116	114	2.21	cps
Silicon	28-1	621496	629383	628351	626410	0.68	cps
Silver	107-1	10821	11447	11597	11288	3.64	cps
Silver	109-1	11046	10821	10729	10866	1.50	cps
Sodium	23-2	221964	225769	224798	224177	0.88	cps
Strontium	86-1	4759	5118	5560	5146	7.79	cps
Strontium	88-1	29499	30551	30325	30125	1.84	cps
Sulfur	34-1	334143	337539	336666	336116	0.52	cps
Terbium	159-1	9263351	9206833	9551476	9340553	1.98	cps
Terbium	159-2	3989702	3905868	4032659	3976076	1.62	cps
Thallium	203-1	8962	8611	8895	8823	2.11	cps
Thallium	205-1	21401	20525	21744	21223	2.96	cps
Tin	118-1	69770	69695	69443	69636	0.25	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	PB141390BS	Instrumnet Name :	P8
Client Sample ID :	LCS390	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 13:30:26	DataFile Name :	021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	8569	8561	8469	8533	0.65	cps
Uranium	238-1	22988	25050	23840	23959	4.33	cps
Vanadium	51-2	11091	10854	10844	10930	1.28	cps
Ytterbium	172-1	8	25	17	17	50.01	cps
Ytterbium	172-2	6	11	33	17	88.17	cps
Ytterbium	176-1	1067	1050	850	989	12.19	cps
Ytterbium	176-2	5279	5829	5735	5614	5.24	cps
Yttrium	89-1	14475249	14654456	14804634	14644780	1.13	cps
Yttrium	89-2	1436784	1437200	1444905	1439630	0.32	cps
Zinc	66-2	2174	2057	2197	2142	3.50	cps
Zirconium	90-1	18905	18830	18563	18766	0.96	cps
Zirconium	91-1	4392	3934	3851	4059	7.19	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	PB141392BL	Instrumnet Name :	P8
Client Sample ID :	PBW392	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 13:33:29	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	159	132	155	149	9.55	cps
Antimony	121-1	142	258	208	203	28.86	cps
Arsenic	75-2	15	6	9	10	45.83	cps
Barium	135-1	67	58	75	67	12.50	cps
Barium	137-1	273	252	120	215	38.60	cps
Beryllium	9-1	160	200	164	175	12.61	cps
Bismuth	209-1	5423571	5355751	5579928	5453083	2.11	cps
Bismuth	209-2	2762177	2548426	2837908	2716170	5.53	cps
Boron	10-1	1648	1638	1506	1597	4.96	cps
Boron	11-1	7899	7126	6908	7311	7.12	cps
Bromine	81-1	19855	18612	18442	18969	4.07	cps
Cadmium	111-1	357	346	390	364	6.26	cps
Cadmium	106-1	3509	3759	3717	3662	3.66	cps
Cadmium	108-1	50	38	33	40	21.54	cps
Calcium	43-1	342	330	284	319	9.71	cps
Calcium	44-1	20995	20261	19841	20366	2.87	cps
Carbon	12-1	3921519	3838265	3836150	3865312	1.26	cps
Carbon	12-2	38635	41318	40131	40028	3.36	cps
Chlorine	35-1	595500	606655	593031	598395	1.21	cps
Chlorine	35-2	3959	3559	3476	3664	7.05	cps
Chromium	52-2	560	507	613	560	9.52	cps
Cobalt	59-2	130	90	90	103	22.35	cps
Copper	63-2	633	670	517	607	13.20	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	75	83	58	72	17.62	cps
Erbium	164-2	20	7	17	14	48.02	cps
Gadolinium	160-1	17	25	33	25	33.32	cps
Gadolinium	160-2	67	50	73	63	18.98	cps
Holmium	165-1	9091368	9332714	9334722	9252935	1.51	cps
Holmium	165-2	4023320	3555175	3915002	3831166	6.40	cps
Indium	115-1	7995580	7611317	7977737	7861545	2.76	cps
Indium	115-2	1073330	951929	1062638	1029299	6.53	cps
Iron	54-2	417	500	383	433	13.87	cps
Iron	56-2	5045	4612	4256	4638	8.52	cps
Iron	57-2	194	217	250	220	12.69	cps

LB Number : LB117862 Operator : Jaswal
 Lab Sample ID : PB141392BL Instrumnet Name : P8
 Client Sample ID : PBW392 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-16 13:33:29 DataFile Name : 022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1083	1170	1230	1161	6.35	cps
Lead	206-1	933	995	911	946	4.56	cps
Lead	207-1	872	867	867	869	0.37	cps
Lead	208-1	4028	3917	3795	3913	2.98	cps
Lithium	6-1	2850754	2654532	2733607	2746297	3.59	cps
Magnesium	24-2	858	908	833	867	4.41	cps
Manganese	55-2	103	63	63	77	30.12	cps
Molybdenum	94-1	633	650	500	594	13.83	cps
Molybdenum	95-1	525	442	333	433	22.18	cps
Molybdenum	96-1	833	675	600	703	16.95	cps
Molybdenum	97-1	375	350	217	314	27.12	cps
Molybdenum	98-1	867	842	617	775	17.77	cps
Neodymium	150-1	13	7	13	11	34.61	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	43	60	57	53	16.54	cps
Phosphorus	31-2	133	192	192	172	19.55	cps
Potassium	39-2	15467	15942	15492	15634	1.71	cps
Rhodium	103-1	7555264	7607484	7518602	7560450	0.59	cps
Rhodium	103-2	3254612	2872158	3179034	3101935	6.53	cps
Scandium	45-1	5826131	5660297	5866074	5784167	1.89	cps
Scandium	45-2	168673	148812	162798	160095	6.37	cps
Selenium	82-1	63	-53	-127	-39	-245.28	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	48	36	42	42	14.30	cps
Silicon	28-1	541994	548349	546396	545580	0.60	cps
Silver	107-1	300	283	250	278	9.16	cps
Silver	109-1	242	233	233	236	2.04	cps
Sodium	23-2	13874	12981	13448	13434	3.32	cps
Strontium	86-1	2150	1867	1900	1972	7.85	cps
Strontium	88-1	1925	1508	1183	1539	24.16	cps
Sulfur	34-1	334516	334101	325416	331344	1.55	cps
Terbium	159-1	9446163	9430660	9522084	9466302	0.52	cps
Terbium	159-2	3920594	3438960	3882911	3747488	7.15	cps
Thallium	203-1	1017	1025	983	1008	2.19	cps
Thallium	205-1	3000	2542	2675	2739	8.61	cps
Tin	118-1	29658	31270	30368	30432	2.66	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	PB141392BL	Instrumnet Name :	P8
Client Sample ID :	PBW392	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 13:33:29	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	258	342	258	286	16.82	cps
Uranium	238-1	167	158	50	125	52.07	cps
Vanadium	51-2	13	27	3	14	81.07	cps
Ytterbium	172-1	25	17	8	17	50.01	cps
Ytterbium	172-2	11	11	6	9	34.60	cps
Ytterbium	176-1	867	1050	1108	1008	12.51	cps
Ytterbium	176-2	5507	5062	5612	5394	5.41	cps
Yttrium	89-1	15104216	14728764	14876342	14903107	1.27	cps
Yttrium	89-2	1409053	1228932	1362465	1333483	7.01	cps
Zinc	66-2	163	120	113	132	20.53	cps
Zirconium	90-1	733	850	817	800	7.51	cps
Zirconium	91-1	158	150	233	181	25.42	cps

LB Number : LB117862 Operator : Jaswal
 Lab Sample ID : PB141392BS Instrumnet Name : P8
 Client Sample ID : LCS392 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-16 13:36:34 DataFile Name : 023LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1551	1464	1547	1521	3.25	cps
Antimony	121-1	18021	18455	17979	18151	1.45	cps
Arsenic	75-2	262	249	284	265	6.68	cps
Barium	135-1	24122	23730	24439	24097	1.48	cps
Barium	137-1	55478	55142	54239	54953	1.17	cps
Beryllium	9-1	2502	2688	2868	2686	6.81	cps
Bismuth	209-1	5320532	5725535	5612118	5552728	3.76	cps
Bismuth	209-2	2908021	2879853	2789812	2859229	2.16	cps
Boron	10-1	5394	5640	6450	5828	9.48	cps
Boron	11-1	25513	27863	29464	27613	7.20	cps
Bromine	81-1	18391	19424	18692	18836	2.82	cps
Cadmium	111-1	2579	2522	2486	2529	1.86	cps
Cadmium	106-1	3767	3859	3917	3848	1.97	cps
Cadmium	108-1	192	279	196	222	22.21	cps
Calcium	43-1	17482	17227	17436	17382	0.78	cps
Calcium	44-1	298057	295453	297920	297143	0.49	cps
Carbon	12-1	3913540	3869086	3888185	3890270	0.57	cps
Carbon	12-2	41217	40615	42504	41445	2.33	cps
Chlorine	35-1	568988	556274	553628	559630	1.47	cps
Chlorine	35-2	3309	3384	3125	3273	4.06	cps
Chromium	52-2	6215	6115	6308	6213	1.56	cps
Cobalt	59-2	5458	5351	5164	5324	2.79	cps
Copper	63-2	8393	8673	9003	8689	3.52	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	92	67	75	78	16.37	cps
Erbium	164-2	20	50	17	29	63.54	cps
Gadolinium	160-1	33	58	92	61	47.90	cps
Gadolinium	160-2	73	97	50	73	31.82	cps
Holmium	165-1	9081402	9329223	9185407	9198677	1.35	cps
Holmium	165-2	4095654	4143533	4046631	4095273	1.18	cps
Indium	115-1	8008687	8066792	7969390	8014957	0.61	cps
Indium	115-2	1111179	1124950	1110764	1115631	0.72	cps
Iron	54-2	26792	27588	26876	27085	1.62	cps
Iron	56-2	489804	475232	494732	486589	2.08	cps
Iron	57-2	12417	12495	12066	12326	1.85	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	PB141392BS	Instrumnet Name :	P8
Client Sample ID :	LCS392	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 13:36:34	DataFile Name :	023LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1107	1157	1183	1149	3.39	cps
Lead	206-1	7358	7441	7080	7293	2.59	cps
Lead	207-1	6274	6118	6218	6203	1.27	cps
Lead	208-1	28474	29703	29408	29195	2.20	cps
Lithium	6-1	2639862	2898769	2826246	2788292	4.79	cps
Magnesium	24-2	112285	109757	112855	111632	1.48	cps
Manganese	55-2	1390	1630	1443	1488	8.47	cps
Molybdenum	94-1	22310	22611	22469	22463	0.67	cps
Molybdenum	95-1	27519	27161	26634	27105	1.64	cps
Molybdenum	96-1	30175	30058	29983	30072	0.32	cps
Molybdenum	97-1	16402	16494	15793	16229	2.35	cps
Molybdenum	98-1	42624	42265	43636	42842	1.66	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	1427	1400	1433	1420	1.24	cps
Phosphorus	31-2	175	258	408	281	42.15	cps
Potassium	39-2	93771	92773	94191	93578	0.78	cps
Rhodium	103-1	7808885	8123506	7832248	7921546	2.21	cps
Rhodium	103-2	3392499	3295848	3414447	3367598	1.87	cps
Scandium	45-1	5903378	6202753	5775326	5960485	3.68	cps
Scandium	45-2	176239	173614	173304	174385	0.92	cps
Selenium	82-1	958	923	845	909	6.34	cps
Selenium	77-2	20	40	30	30	33.33	cps
Selenium	78-2	124	126	112	121	6.27	cps
Silicon	28-1	634018	629392	631918	631776	0.37	cps
Silver	107-1	11397	12206	12373	11992	4.35	cps
Silver	109-1	11071	11480	10554	11035	4.20	cps
Sodium	23-2	231526	224699	230736	228987	1.63	cps
Strontium	86-1	5193	5635	5568	5465	4.36	cps
Strontium	88-1	31495	30668	31428	31197	1.47	cps
Sulfur	34-1	333010	336633	341338	336994	1.24	cps
Terbium	159-1	9782013	9995867	9676880	9818253	1.66	cps
Terbium	159-2	4027093	3897455	4046017	3990188	2.03	cps
Thallium	203-1	9137	9112	8812	9020	2.01	cps
Thallium	205-1	21744	21377	22554	21891	2.75	cps
Tin	118-1	70196	71210	71320	70909	0.87	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	PB141392BS	Instrumnet Name :	P8
Client Sample ID :	LCS392	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 13:36:34	DataFile Name :	023LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	8636	8278	8344	8419	2.27	cps
Uranium	238-1	23923	24558	23773	24085	1.73	cps
Vanadium	51-2	11438	11351	11888	11559	2.49	cps
Ytterbium	172-1	17	17	25	19	24.73	cps
Ytterbium	172-2	6	22	17	15	57.25	cps
Ytterbium	176-1	1042	933	1000	992	5.51	cps
Ytterbium	176-2	5501	6296	6157	5985	7.09	cps
Yttrium	89-1	15286909	15978951	15501856	15589239	2.27	cps
Yttrium	89-2	1425461	1429389	1458366	1437739	1.25	cps
Zinc	66-2	2164	2197	2237	2199	1.67	cps
Zirconium	90-1	19589	19948	19614	19717	1.02	cps
Zirconium	91-1	4359	4234	4317	4304	1.48	cps

LB Number : LB117862 Operator : Jaswal
 Lab Sample ID : PB141394BL Instrumnet Name : P8
 Client Sample ID : PBW394 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-16 13:39:37 DataFile Name : 024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	101	120	100	107	10.46	cps
Antimony	121-1	183	192	242	206	15.35	cps
Arsenic	75-2	6	12	11	10	33.25	cps
Barium	135-1	8	33	17	19	65.47	cps
Barium	137-1	80	112	43	78	43.66	cps
Beryllium	9-1	142	174	166	161	10.37	cps
Bismuth	209-1	5346741	5316681	5365347	5342923	0.46	cps
Bismuth	209-2	2904729	2897988	2947109	2916609	0.91	cps
Boron	10-1	1576	1388	1432	1465	6.71	cps
Boron	11-1	7294	7444	7172	7304	1.87	cps
Bromine	81-1	19153	18511	18953	18872	1.74	cps
Cadmium	111-1	364	288	317	323	11.82	cps
Cadmium	106-1	3684	3225	3492	3467	6.64	cps
Cadmium	108-1	83	58	42	61	34.32	cps
Calcium	43-1	240	249	227	239	4.47	cps
Calcium	44-1	18737	18296	18541	18525	1.19	cps
Carbon	12-1	3833596	3805541	3939155	3859431	1.83	cps
Carbon	12-2	40682	42321	41008	41337	2.10	cps
Chlorine	35-1	512818	520676	517193	516896	0.76	cps
Chlorine	35-2	3092	3042	2734	2956	6.57	cps
Chromium	52-2	587	557	547	563	3.70	cps
Cobalt	59-2	97	63	87	82	20.81	cps
Copper	63-2	497	523	517	512	2.71	cps
Dysprosium	156-1	25	0	0	8	173.21	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	50	58	67	58	14.29	cps
Erbium	164-2	20	30	23	24	20.83	cps
Gadolinium	160-1	17	67	67	50	57.73	cps
Gadolinium	160-2	67	77	80	74	9.32	cps
Holmium	165-1	9294477	9260761	9049911	9201716	1.44	cps
Holmium	165-2	4069092	4008228	4203916	4093746	2.45	cps
Indium	115-1	8049844	8161855	8058802	8090167	0.77	cps
Indium	115-2	1113403	1108305	1108610	1110106	0.26	cps
Iron	54-2	372	378	339	363	5.79	cps
Iron	56-2	2928	2800	2923	2884	2.51	cps
Iron	57-2	189	178	211	193	8.81	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	PB141394BL	Instrumnet Name :	P8
Client Sample ID :	PBW394	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 13:39:37	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1103	1073	1067	1081	1.81	cps
Lead	206-1	756	683	878	772	12.73	cps
Lead	207-1	700	628	778	702	10.69	cps
Lead	208-1	3134	3095	3539	3256	7.56	cps
Lithium	6-1	2783552	2777427	2674950	2745310	2.22	cps
Magnesium	24-2	633	658	617	636	3.30	cps
Manganese	55-2	50	53	40	48	14.52	cps
Molybdenum	94-1	383	350	375	369	4.70	cps
Molybdenum	95-1	158	133	75	122	34.99	cps
Molybdenum	96-1	383	375	317	358	10.14	cps
Molybdenum	97-1	75	92	100	89	14.32	cps
Molybdenum	98-1	217	250	292	253	14.87	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	60	73	10	48	69.88	cps
Phosphorus	31-2	150	142	142	144	3.33	cps
Potassium	39-2	15717	15609	15300	15542	1.39	cps
Rhodium	103-1	7832847	7717162	7784700	7778236	0.75	cps
Rhodium	103-2	3403088	3438426	3344961	3395492	1.39	cps
Scandium	45-1	5849527	5825752	5960682	5878654	1.23	cps
Scandium	45-2	173744	175202	179913	176286	1.83	cps
Selenium	82-1	-21	103	31	38	166.77	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	36	45	40	40	11.18	cps
Silicon	28-1	546388	547112	542297	545266	0.48	cps
Silver	107-1	475	333	417	408	17.44	cps
Silver	109-1	350	242	175	256	34.56	cps
Sodium	23-2	12389	12823	12355	12522	2.08	cps
Strontium	86-1	1909	1792	1925	1875	3.88	cps
Strontium	88-1	308	475	308	364	26.44	cps
Sulfur	34-1	335178	335825	339762	336922	0.74	cps
Terbium	159-1	9581467	9568013	9767017	9638832	1.15	cps
Terbium	159-2	3967712	4019976	4080433	4022707	1.40	cps
Thallium	203-1	942	1025	1142	1036	9.70	cps
Thallium	205-1	2742	2559	2650	2650	3.46	cps
Tin	118-1	29742	29700	29090	29510	1.24	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	PB141394BL	Instrumnet Name :	P8
Client Sample ID :	PBW394	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 13:39:37	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	217	308	142	222	37.56	cps
Uranium	238-1	33	50	42	42	20.00	cps
Vanadium	51-2	17	17	7	13	43.29	cps
Ytterbium	172-1	25	33	33	31	15.74	cps
Ytterbium	172-2	6	0	11	6	99.97	cps
Ytterbium	176-1	1108	892	800	933	16.97	cps
Ytterbium	176-2	5768	5951	5929	5883	1.70	cps
Yttrium	89-1	15089628	15201697	15087670	15126332	0.43	cps
Yttrium	89-2	1454789	1470324	1435058	1453390	1.22	cps
Zinc	66-2	70	80	120	90	29.40	cps
Zirconium	90-1	875	842	758	825	7.28	cps
Zirconium	91-1	192	158	133	161	18.16	cps

LB Number : LB117862 Operator : Jaswal
 Lab Sample ID : PB141394BS Instrumnet Name : P8
 Client Sample ID : LCS394 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-16 13:42:42 DataFile Name : 025LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1522	1545	1504	1524	1.36	cps
Antimony	121-1	17328	17979	17779	17695	1.88	cps
Arsenic	75-2	266	269	236	257	7.10	cps
Barium	135-1	23279	23179	23454	23304	0.60	cps
Barium	137-1	52682	54828	54183	53898	2.04	cps
Beryllium	9-1	2652	2754	2566	2657	3.54	cps
Bismuth	209-1	5416672	5306401	5454940	5392671	1.43	cps
Bismuth	209-2	2818137	2874177	2927299	2873204	1.90	cps
Boron	10-1	5262	5660	6164	5695	7.94	cps
Boron	11-1	25024	27186	28460	26890	6.46	cps
Bromine	81-1	20126	19384	20235	19915	2.33	cps
Cadmium	111-1	2435	2254	2313	2334	3.95	cps
Cadmium	106-1	3809	3526	3767	3701	4.14	cps
Cadmium	108-1	254	221	225	233	7.78	cps
Calcium	43-1	16910	17244	16895	17017	1.16	cps
Calcium	44-1	294229	291091	290955	292092	0.63	cps
Carbon	12-1	3830668	3850784	3861871	3847774	0.41	cps
Carbon	12-2	41944	41258	40473	41225	1.78	cps
Chlorine	35-1	483522	477344	475481	478783	0.88	cps
Chlorine	35-2	2967	2775	2967	2903	3.81	cps
Chromium	52-2	6088	5948	5795	5944	2.47	cps
Cobalt	59-2	5328	5148	5278	5251	1.77	cps
Copper	63-2	8486	8626	8336	8483	1.71	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	25	33	75	44	60.28	cps
Erbium	164-2	30	10	37	26	54.31	cps
Gadolinium	160-1	25	42	8	25	66.68	cps
Gadolinium	160-2	70	80	117	89	27.64	cps
Holmium	165-1	8947661	9030611	9181211	9053161	1.31	cps
Holmium	165-2	3998235	4043380	4005716	4015777	0.60	cps
Indium	115-1	7904467	8005920	8035325	7981904	0.86	cps
Indium	115-2	1106881	1114840	1106009	1109243	0.44	cps
Iron	54-2	26402	26603	27327	26777	1.82	cps
Iron	56-2	485552	478022	479505	481026	0.83	cps
Iron	57-2	11761	12361	12205	12109	2.57	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	PB141394BS	Instrumnet Name :	P8
Client Sample ID :	LCS394	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 13:42:42	DataFile Name :	025LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1033	1067	1123	1074	4.24	cps
Lead	206-1	7169	7135	7419	7241	2.14	cps
Lead	207-1	6318	6630	6024	6324	4.79	cps
Lead	208-1	29080	28685	28296	28687	1.37	cps
Lithium	6-1	2916443	2734775	2908931	2853383	3.60	cps
Magnesium	24-2	112216	109327	110328	110624	1.33	cps
Manganese	55-2	1363	1450	1420	1411	3.12	cps
Molybdenum	94-1	21843	20975	22268	21695	3.04	cps
Molybdenum	95-1	27277	25507	26601	26462	3.38	cps
Molybdenum	96-1	28939	30225	29866	29677	2.24	cps
Molybdenum	97-1	15876	16235	16669	16260	2.44	cps
Molybdenum	98-1	41989	41379	41196	41521	1.00	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1510	1563	1413	1496	5.08	cps
Phosphorus	31-2	292	358	275	308	14.30	cps
Potassium	39-2	92806	91415	93041	92421	0.95	cps
Rhodium	103-1	7593672	7534212	7560895	7562926	0.39	cps
Rhodium	103-2	3403630	3345311	3344313	3364418	1.01	cps
Scandium	45-1	5882902	5931321	6015235	5943153	1.13	cps
Scandium	45-2	172865	174779	172032	173225	0.81	cps
Selenium	82-1	960	979	835	925	8.43	cps
Selenium	77-2	27	10	17	18	47.19	cps
Selenium	78-2	144	121	130	132	8.81	cps
Silicon	28-1	634863	629821	628579	631088	0.53	cps
Silver	107-1	11280	11939	12022	11747	3.46	cps
Silver	109-1	11180	11480	11380	11347	1.35	cps
Sodium	23-2	219118	224301	223918	222446	1.30	cps
Strontium	86-1	5385	5284	5259	5309	1.25	cps
Strontium	88-1	31152	31478	29991	30874	2.53	cps
Sulfur	34-1	337677	340211	339286	339058	0.38	cps
Terbium	159-1	9667307	9510098	9326543	9501316	1.80	cps
Terbium	159-2	3913514	3963588	4025980	3967694	1.42	cps
Thallium	203-1	9003	8620	8686	8770	2.34	cps
Thallium	205-1	21351	20876	20300	20842	2.53	cps
Tin	118-1	68924	70490	67266	68893	2.34	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	PB141394BS	Instrumnet Name :	P8
Client Sample ID :	LCS394	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 13:42:42	DataFile Name :	025LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	8069	8686	7861	8205	5.23	cps
Uranium	238-1	23122	23372	23614	23369	1.05	cps
Vanadium	51-2	11818	11265	11595	11559	2.41	cps
Ytterbium	172-1	42	17	58	39	53.92	cps
Ytterbium	172-2	22	39	6	22	74.99	cps
Ytterbium	176-1	1042	900	1083	1008	9.53	cps
Ytterbium	176-2	5468	5462	6307	5746	8.46	cps
Yttrium	89-1	14743664	15293192	15022491	15019782	1.83	cps
Yttrium	89-2	1467260	1463877	1462052	1464396	0.18	cps
Zinc	66-2	2194	2220	1910	2108	8.15	cps
Zirconium	90-1	19264	19773	19339	19459	1.41	cps
Zirconium	91-1	4142	4234	4242	4206	1.32	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-01	Instrumnet Name :	P8
Client Sample ID :	C00V3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 13:45:44	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	166	182	157	169	7.52	cps
Antimony	121-1	167	183	242	197	19.97	cps
Arsenic	75-2	10	7	7	8	21.65	cps
Barium	135-1	125	92	108	108	15.38	cps
Barium	137-1	225	288	240	251	13.18	cps
Beryllium	9-1	150	166	152	156	5.59	cps
Bismuth	209-1	5513163	5502902	5373282	5463116	1.43	cps
Bismuth	209-2	2902561	2956334	2878493	2912463	1.37	cps
Boron	10-1	1664	1492	1524	1560	5.86	cps
Boron	11-1	7655	6804	6950	7136	6.37	cps
Bromine	81-1	20787	19504	19393	19895	3.89	cps
Cadmium	111-1	514	485	489	496	3.13	cps
Cadmium	106-1	3567	3601	3467	3545	1.96	cps
Cadmium	108-1	63	54	29	49	35.68	cps
Calcium	43-1	605	590	627	607	3.11	cps
Calcium	44-1	24876	25175	25067	25039	0.61	cps
Carbon	12-1	5814659	6437777	6955475	6402637	8.92	cps
Carbon	12-2	79500	81192	82625	81106	1.93	cps
Chlorine	35-1	446494	449742	445982	447406	0.46	cps
Chlorine	35-2	2517	2742	2617	2625	4.29	cps
Chromium	52-2	943	993	857	931	7.43	cps
Cobalt	59-2	37	47	70	51	33.46	cps
Copper	63-2	647	703	740	697	6.75	cps
Dysprosium	156-1	8	17	25	17	50.01	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	67	83	75	75	11.11	cps
Erbium	164-2	17	20	33	23	37.78	cps
Gadolinium	160-1	42	67	33	47	36.74	cps
Gadolinium	160-2	63	93	70	76	20.85	cps
Holmium	165-1	9122371	9050508	9127960	9100280	0.47	cps
Holmium	165-2	4092440	4190377	4031299	4104705	1.95	cps
Indium	115-1	7991180	7975301	8096148	8020876	0.82	cps
Indium	115-2	1138288	1128134	1107096	1124506	1.41	cps
Iron	54-2	622	544	539	569	8.20	cps
Iron	56-2	5829	5890	5623	5781	2.42	cps
Iron	57-2	217	261	233	237	9.47	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-01	Instrumnet Name :	P8
Client Sample ID :	C00V3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 13:45:44	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1143	1083	1223	1150	6.11	cps
Lead	206-1	900	872	772	848	7.92	cps
Lead	207-1	611	611	589	604	2.13	cps
Lead	208-1	3484	3261	3206	3317	4.43	cps
Lithium	6-1	2727931	2796187	2844702	2789607	2.10	cps
Magnesium	24-2	867	908	933	903	3.73	cps
Manganese	55-2	150	163	177	163	8.16	cps
Molybdenum	94-1	375	342	358	358	4.65	cps
Molybdenum	95-1	58	67	67	64	7.53	cps
Molybdenum	96-1	283	283	225	264	12.76	cps
Molybdenum	97-1	92	100	42	78	40.56	cps
Molybdenum	98-1	267	167	142	192	34.51	cps
Neodymium	150-1	0	20	7	9	114.55	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	73	120	130	108	28.07	cps
Phosphorus	31-2	208	233	92	178	42.53	cps
Potassium	39-2	15826	15100	15242	15389	2.50	cps
Rhodium	103-1	7565294	7828927	7561528	7651916	2.00	cps
Rhodium	103-2	3496080	3449418	3486961	3477486	0.71	cps
Scandium	45-1	5793964	6000625	5849176	5881255	1.82	cps
Scandium	45-2	183084	180680	175031	179598	2.30	cps
Selenium	82-1	-71	-20	-154	-82	-82.66	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	43	45	37	42	9.99	cps
Silicon	28-1	569311	568047	569102	568820	0.12	cps
Silver	107-1	400	325	275	333	18.88	cps
Silver	109-1	350	267	300	306	13.73	cps
Sodium	23-2	12389	12497	11805	12230	3.04	cps
Strontium	86-1	2059	1742	1642	1814	11.99	cps
Strontium	88-1	958	833	867	886	7.30	cps
Sulfur	34-1	346910	345469	343629	345336	0.48	cps
Terbium	159-1	9719582	9510334	9411874	9547263	1.65	cps
Terbium	159-2	4153136	4070433	3987658	4070409	2.03	cps
Thallium	203-1	1050	808	825	895	15.09	cps
Thallium	205-1	2225	1984	2067	2092	5.87	cps
Tin	118-1	3284	2934	3209	3142	5.87	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-01	Instrumnet Name :	P8
Client Sample ID :	C00V3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 13:45:44	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	375	375	317	356	9.47	cps
Uranium	238-1	33	58	50	47	26.97	cps
Vanadium	51-2	7	17	7	10	57.72	cps
Ytterbium	172-1	17	8	50	25	88.19	cps
Ytterbium	172-2	11	22	0	11	100.00	cps
Ytterbium	176-1	1033	992	967	997	3.38	cps
Ytterbium	176-2	5596	6068	5813	5825	4.06	cps
Yttrium	89-1	15186813	14862281	15027853	15025649	1.08	cps
Yttrium	89-2	1488529	1483720	1494423	1488890	0.36	cps
Zinc	66-2	793	703	790	762	6.69	cps
Zirconium	90-1	833	950	583	789	23.75	cps
Zirconium	91-1	208	208	208	208	0.00	cps

LB Number : LB117862 Operator : Jaswal
 Lab Sample ID : M5040-02 Instrumnet Name : P8
 Client Sample ID : C00V5 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-16 13:48:49 DataFile Name : 027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1061	965	1213	1080	11.56	cps
Antimony	121-1	442	433	400	425	5.19	cps
Arsenic	75-2	1327	1291	1343	1321	2.02	cps
Barium	135-1	276968	285026	275765	279253	1.80	cps
Barium	137-1	647282	649003	641961	646082	0.57	cps
Beryllium	9-1	170	166	198	178	9.79	cps
Bismuth	209-1	5416496	5406704	5329952	5384384	0.88	cps
Bismuth	209-2	3051717	2948942	2860891	2953850	3.23	cps
Boron	10-1	4564	4692	5280	4845	7.88	cps
Boron	11-1	21443	23040	24674	23052	7.01	cps
Bromine	81-1	36626	41122	41444	39731	6.78	cps
Cadmium	111-1	498	557	495	517	6.82	cps
Cadmium	106-1	3451	3876	3801	3709	6.12	cps
Cadmium	108-1	92	71	75	79	13.93	cps
Calcium	43-1	750352	752970	747982	750435	0.33	cps
Calcium	44-1	11963145	11818794	11902082	11894673	0.61	cps
Carbon	12-1	7628701	8388093	8428227	8148340	5.53	cps
Carbon	12-2	98085	100320	101200	99869	1.61	cps
Chlorine	35-1	504029	516400	516696	512375	1.41	cps
Chlorine	35-2	3275	3267	3117	3220	2.77	cps
Chromium	52-2	1090	1267	1163	1173	7.57	cps
Cobalt	59-2	710	740	793	748	5.64	cps
Copper	63-2	1257	1200	1223	1227	2.32	cps
Dysprosium	156-1	42	75	42	53	36.46	cps
Dysprosium	156-2	20	30	33	28	24.98	cps
Erbium	164-1	158	142	42	114	55.40	cps
Erbium	164-2	30	60	43	44	33.82	cps
Gadolinium	160-1	108	150	75	111	33.82	cps
Gadolinium	160-2	103	93	110	102	8.21	cps
Holmium	165-1	9684594	9582525	9349554	9538891	1.80	cps
Holmium	165-2	4148668	4224198	4068224	4147030	1.88	cps
Indium	115-1	8127253	8084374	8176920	8129516	0.57	cps
Indium	115-2	1146818	1126376	1126097	1133097	1.05	cps
Iron	54-2	736088	747244	722826	735386	1.66	cps
Iron	56-2	13323853	13214387	13524985	13354408	1.18	cps
Iron	57-2	331811	326039	329457	329102	0.88	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-02	Instrumnet Name :	P8
Client Sample ID :	C00V5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 13:48:49	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1063	1113	1107	1095	2.48	cps
Lead	206-1	1178	1306	1500	1328	12.22	cps
Lead	207-1	1217	1228	1145	1196	3.78	cps
Lead	208-1	4995	5312	5278	5195	3.35	cps
Lithium	6-1	2771032	2866216	2815937	2817728	1.69	cps
Magnesium	24-2	1045622	1080793	1063778	1063398	1.65	cps
Manganese	55-2	1203595	1229890	1211416	1214967	1.11	cps
Molybdenum	94-1	1725	1892	1900	1839	5.37	cps
Molybdenum	95-1	2284	2017	2300	2200	7.23	cps
Molybdenum	96-1	3009	2750	3159	2973	6.95	cps
Molybdenum	97-1	1500	1542	1342	1461	7.22	cps
Molybdenum	98-1	3659	3659	3284	3534	6.13	cps
Neodymium	150-1	60	80	67	69	14.78	cps
Neodymium	150-2	3	20	23	16	68.90	cps
Nickel	60-2	710	767	803	760	6.19	cps
Phosphorus	31-2	208	167	175	183	12.03	cps
Potassium	39-2	762101	778865	768271	769745	1.10	cps
Rhodium	103-1	7543112	7872949	7753002	7723021	2.16	cps
Rhodium	103-2	3446635	3402090	3416337	3421688	0.66	cps
Scandium	45-1	6199174	6022098	5975601	6065624	1.94	cps
Scandium	45-2	182621	182181	179121	181308	1.05	cps
Selenium	82-1	82	3	27	37	108.26	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	46	43	51	47	8.67	cps
Silicon	28-1	33005909	33884499	32550617	33147008	2.05	cps
Silver	107-1	158	217	158	178	18.94	cps
Silver	109-1	142	125	200	156	25.32	cps
Sodium	23-2	3207824	3263885	3301806	3257838	1.45	cps
Strontium	86-1	780097	766180	773765	773347	0.90	cps
Strontium	88-1	6558289	6602465	6576613	6579122	0.34	cps
Sulfur	34-1	423587	409213	413612	415471	1.77	cps
Terbium	159-1	9658839	10012168	9464423	9711810	2.86	cps
Terbium	159-2	4170235	4110817	4128719	4136590	0.74	cps
Thallium	203-1	808	667	742	739	9.59	cps
Thallium	205-1	1575	1642	1542	1586	3.21	cps
Tin	118-1	3492	3459	3667	3539	3.16	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-02	Instrumnet Name :	P8
Client Sample ID :	C00V5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 13:48:49	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	967	867	2745	1526	69.24	cps
Uranium	238-1	150	267	175	197	31.15	cps
Vanadium	51-2	73	113	113	100	23.09	cps
Ytterbium	172-1	42	8	33	28	62.46	cps
Ytterbium	172-2	33	17	33	28	34.63	cps
Ytterbium	176-1	983	1142	958	1028	9.67	cps
Ytterbium	176-2	6152	5807	6207	6055	3.58	cps
Yttrium	89-1	15427236	15602626	15278126	15435996	1.05	cps
Yttrium	89-2	1494987	1476999	1491675	1487887	0.64	cps
Zinc	66-2	757	700	727	728	3.90	cps
Zirconium	90-1	1408	1692	1292	1464	14.05	cps
Zirconium	91-1	317	408	367	364	12.61	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-03	Instrumnet Name :	P8
Client Sample ID :	C00V7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 13:51:47	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	774	739	819	777	5.16	cps
Antimony	121-1	242	217	333	264	23.28	cps
Arsenic	75-2	259	249	254	254	1.97	cps
Barium	135-1	50420	50788	49792	50333	1.00	cps
Barium	137-1	118029	117888	116562	117493	0.69	cps
Beryllium	9-1	184	196	156	179	11.49	cps
Bismuth	209-1	5419975	5499287	5511365	5476875	0.91	cps
Bismuth	209-2	2935952	2962365	2946636	2948318	0.45	cps
Boron	10-1	3656	3728	3724	3702	1.09	cps
Boron	11-1	16830	17697	18908	17812	5.86	cps
Bromine	81-1	39195	39516	43080	40597	5.31	cps
Cadmium	111-1	566	554	505	542	5.98	cps
Cadmium	106-1	3792	3867	3626	3762	3.29	cps
Cadmium	108-1	83	88	67	79	13.92	cps
Calcium	43-1	390498	390281	397626	392802	1.06	cps
Calcium	44-1	6319421	6455861	6154621	6309968	2.39	cps
Carbon	12-1	7441824	8055530	8402352	7966569	6.11	cps
Carbon	12-2	95260	94966	94521	94916	0.39	cps
Chlorine	35-1	557486	571809	582849	570715	2.23	cps
Chlorine	35-2	3584	3476	3992	3684	7.40	cps
Chromium	52-2	1063	883	1007	984	9.35	cps
Cobalt	59-2	14911	14951	14631	14831	1.18	cps
Copper	63-2	17795	17591	18359	17915	2.22	cps
Dysprosium	156-1	83	100	42	75	40.06	cps
Dysprosium	156-2	10	30	27	22	48.22	cps
Erbium	164-1	125	92	183	133	34.80	cps
Erbium	164-2	57	47	47	50	11.55	cps
Gadolinium	160-1	92	75	125	97	26.19	cps
Gadolinium	160-2	87	107	130	108	20.12	cps
Holmium	165-1	9194885	9304280	9172384	9223849	0.76	cps
Holmium	165-2	4065028	4186017	4196657	4149234	1.76	cps
Indium	115-1	8031539	8110115	8325954	8155869	1.87	cps
Indium	115-2	1099818	1123471	1125968	1116419	1.29	cps
Iron	54-2	1423819	1505215	1438712	1455916	2.98	cps
Iron	56-2	26377727	26116519	25750721	26081656	1.21	cps
Iron	57-2	640480	638070	640070	639540	0.20	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-03	Instrumnet Name :	P8
Client Sample ID :	C00V7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 13:51:47	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1060	1173	1107	1113	5.12	cps
Lead	206-1	889	967	972	943	4.94	cps
Lead	207-1	867	778	794	813	5.81	cps
Lead	208-1	3678	3906	3906	3830	3.43	cps
Lithium	6-1	2780109	2910725	2907272	2866035	2.60	cps
Magnesium	24-2	1148208	1094167	1106445	1116273	2.54	cps
Manganese	55-2	1238523	1206302	1195633	1213486	1.84	cps
Molybdenum	94-1	617	758	633	669	11.57	cps
Molybdenum	95-1	483	475	533	497	6.35	cps
Molybdenum	96-1	1175	1225	1375	1258	8.27	cps
Molybdenum	97-1	267	225	317	269	17.03	cps
Molybdenum	98-1	667	608	483	586	15.98	cps
Neodymium	150-1	100	100	40	80	43.30	cps
Neodymium	150-2	20	27	20	22	17.33	cps
Nickel	60-2	5524	5388	5374	5429	1.53	cps
Phosphorus	31-2	175	125	200	167	22.91	cps
Potassium	39-2	220532	224676	218265	221158	1.47	cps
Rhodium	103-1	7418749	7685549	7900283	7668193	3.15	cps
Rhodium	103-2	3484161	3433980	3367645	3428595	1.70	cps
Scandium	45-1	6011305	6109352	5933679	6018112	1.46	cps
Scandium	45-2	177992	178852	179373	178739	0.39	cps
Selenium	82-1	13	-57	24	-7	-638.73	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	35	41	35	37	9.36	cps
Silicon	28-1	16715377	16916934	16163580	16598631	2.35	cps
Silver	107-1	92	183	142	139	33.05	cps
Silver	109-1	67	83	108	86	24.35	cps
Sodium	23-2	4141127	4064893	4147403	4117808	1.12	cps
Strontium	86-1	318399	327499	323161	323019	1.41	cps
Strontium	88-1	2767817	2768293	2815494	2783868	0.98	cps
Sulfur	34-1	1023618	984286	955372	987759	3.47	cps
Terbium	159-1	9381430	9798513	9790970	9656971	2.47	cps
Terbium	159-2	4052586	4136128	4201494	4130070	1.81	cps
Thallium	203-1	742	742	633	706	8.87	cps
Thallium	205-1	1775	1725	1775	1759	1.64	cps
Tin	118-1	2700	3101	3134	2978	8.10	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-03	Instrumnet Name :	P8
Client Sample ID :	C00V7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 13:51:47	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	800	875	892	856	5.71	cps
Uranium	238-1	433	350	367	383	11.50	cps
Vanadium	51-2	87	43	60	63	34.52	cps
Ytterbium	172-1	117	67	58	81	39.17	cps
Ytterbium	172-2	22	61	50	44	45.07	cps
Ytterbium	176-1	983	1083	908	992	8.85	cps
Ytterbium	176-2	5651	5890	6302	5948	5.53	cps
Yttrium	89-1	15007935	15305692	15804481	15372702	2.62	cps
Yttrium	89-2	1532584	1486831	1440187	1486534	3.11	cps
Zinc	66-2	1110	1200	1200	1170	4.44	cps
Zirconium	90-1	1192	1242	1283	1239	3.70	cps
Zirconium	91-1	200	250	200	217	13.32	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-04	Instrumnet Name :	P8
Client Sample ID :	C00V9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 13:54:47	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	551	490	592	545	9.47	cps
Antimony	121-1	308	233	267	269	13.95	cps
Arsenic	75-2	273	241	272	262	6.94	cps
Barium	135-1	50210	50821	50595	50542	0.61	cps
Barium	137-1	116519	120049	117614	118061	1.53	cps
Beryllium	9-1	196	182	160	179	10.12	cps
Bismuth	209-1	5349145	4677768	5294811	5107241	7.30	cps
Bismuth	209-2	2933449	2895090	2915117	2914552	0.66	cps
Boron	10-1	3672	3786	3662	3706	1.86	cps
Boron	11-1	17225	18228	18786	18080	4.38	cps
Bromine	81-1	37980	39406	42548	39978	5.85	cps
Cadmium	111-1	508	456	579	514	12.03	cps
Cadmium	106-1	3442	3067	3542	3350	7.48	cps
Cadmium	108-1	83	58	58	67	21.65	cps
Calcium	43-1	400410	400320	402271	401000	0.27	cps
Calcium	44-1	6261714	6447131	6496165	6401670	1.93	cps
Carbon	12-1	7604306	7969462	8536559	8036776	5.85	cps
Carbon	12-2	97641	96334	100033	98003	1.91	cps
Chlorine	35-1	595068	593435	591046	593183	0.34	cps
Chlorine	35-2	3417	3659	3909	3662	6.72	cps
Chromium	52-2	1607	1757	1627	1663	4.90	cps
Cobalt	59-2	14691	14538	14784	14671	0.85	cps
Copper	63-2	19717	20608	20028	20118	2.25	cps
Dysprosium	156-1	67	25	67	53	45.58	cps
Dysprosium	156-2	40	23	27	30	29.40	cps
Erbium	164-1	133	150	100	128	19.93	cps
Erbium	164-2	57	30	27	38	43.52	cps
Gadolinium	160-1	100	58	75	78	26.97	cps
Gadolinium	160-2	103	90	110	101	10.07	cps
Holmium	165-1	8865253	8077022	9015671	8652648	5.83	cps
Holmium	165-2	4097391	4012957	4101454	4070601	1.23	cps
Indium	115-1	7701931	6801591	7483024	7328849	6.41	cps
Indium	115-2	1118836	1107536	1111302	1112558	0.52	cps
Iron	54-2	1447359	1440640	1442104	1443368	0.24	cps
Iron	56-2	26859106	26670977	26957049	26829044	0.54	cps
Iron	57-2	661269	654558	643337	653055	1.39	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-04	Instrumnet Name :	P8
Client Sample ID :	C00V9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 13:54:47	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1030	1297	1113	1147	11.90	cps
Lead	206-1	1056	1117	1083	1085	2.82	cps
Lead	207-1	833	917	928	893	5.78	cps
Lead	208-1	3828	4467	4439	4245	8.51	cps
Lithium	6-1	2824159	2445445	2712855	2660820	7.32	cps
Magnesium	24-2	1188927	1126692	1140414	1152011	2.84	cps
Manganese	55-2	1208941	1224653	1228310	1220635	0.84	cps
Molybdenum	94-1	700	583	692	658	9.89	cps
Molybdenum	95-1	475	583	583	547	11.43	cps
Molybdenum	96-1	1375	1450	1317	1381	4.84	cps
Molybdenum	97-1	250	225	200	225	11.11	cps
Molybdenum	98-1	458	567	642	556	16.59	cps
Neodymium	150-1	73	80	47	67	26.46	cps
Neodymium	150-2	30	17	23	23	28.56	cps
Nickel	60-2	5618	5638	5431	5562	2.05	cps
Phosphorus	31-2	183	150	158	164	10.59	cps
Potassium	39-2	219420	218883	213190	217164	1.59	cps
Rhodium	103-1	7505525	6831936	7172128	7169863	4.70	cps
Rhodium	103-2	3380562	3454844	3410177	3415194	1.09	cps
Scandium	45-1	5768056	5165868	5664142	5532689	5.82	cps
Scandium	45-2	180235	175694	174911	176947	1.62	cps
Selenium	82-1	87	-114	-17	-15	-685.98	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	53	37	39	43	20.29	cps
Silicon	28-1	16823705	16295735	16901856	16673765	1.98	cps
Silver	107-1	133	150	158	147	8.65	cps
Silver	109-1	75	67	75	72	6.66	cps
Sodium	23-2	4254140	4209931	4153727	4205933	1.20	cps
Strontium	86-1	323387	323538	334358	327094	1.92	cps
Strontium	88-1	2853508	2771662	2813095	2812755	1.45	cps
Sulfur	34-1	1006121	983379	975657	988385	1.60	cps
Terbium	159-1	9717769	8403619	9069262	9063550	7.25	cps
Terbium	159-2	4046345	4069283	3985596	4033741	1.07	cps
Thallium	203-1	700	600	742	681	10.70	cps
Thallium	205-1	1775	1817	1825	1806	1.48	cps
Tin	118-1	2959	3134	3034	3042	2.89	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-04	Instrumnet Name :	P8
Client Sample ID :	C00V9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 13:54:47	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	675	708	750	711	5.28	cps
Uranium	238-1	408	333	308	350	14.87	cps
Vanadium	51-2	60	47	50	52	13.28	cps
Ytterbium	172-1	67	58	108	78	34.45	cps
Ytterbium	172-2	44	33	39	39	14.30	cps
Ytterbium	176-1	867	675	942	828	16.61	cps
Ytterbium	176-2	5646	6102	6240	5996	5.19	cps
Yttrium	89-1	14832906	13009162	14132345	13991471	6.58	cps
Yttrium	89-2	1451476	1434934	1482574	1456328	1.66	cps
Zinc	66-2	1707	1777	1617	1700	4.72	cps
Zirconium	90-1	1258	1142	1158	1186	5.32	cps
Zirconium	91-1	208	175	233	206	14.24	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-05	Instrumnet Name :	P8
Client Sample ID :	C00W1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 13:57:45	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	376	420	481	426	12.39	cps
Antimony	121-1	475	508	642	542	16.28	cps
Arsenic	75-2	967	959	983	970	1.26	cps
Barium	135-1	50904	52360	50720	51328	1.75	cps
Barium	137-1	119418	118815	120742	119658	0.82	cps
Beryllium	9-1	204	148	126	159	25.24	cps
Bismuth	209-1	5572794	5307788	5472765	5451116	2.45	cps
Bismuth	209-2	2965223	2911569	2713371	2863388	4.63	cps
Boron	10-1	3686	3892	4030	3869	4.47	cps
Boron	11-1	17245	18250	19097	18197	5.09	cps
Bromine	81-1	37238	41133	44929	41100	9.36	cps
Cadmium	111-1	568	491	496	518	8.29	cps
Cadmium	106-1	3876	3501	3676	3684	5.10	cps
Cadmium	108-1	54	54	54	54	0.00	cps
Calcium	43-1	586700	588624	583919	586414	0.40	cps
Calcium	44-1	9392776	9323971	9410192	9375646	0.49	cps
Carbon	12-1	7367517	7856924	8528449	7917630	7.36	cps
Carbon	12-2	93716	95704	97056	95492	1.76	cps
Chlorine	35-1	586209	587085	593746	589013	0.70	cps
Chlorine	35-2	3484	3617	3384	3495	3.35	cps
Chromium	52-2	1900	1770	1873	1848	3.72	cps
Cobalt	59-2	10971	10644	10958	10858	1.70	cps
Copper	63-2	58714	58363	57178	58085	1.39	cps
Dysprosium	156-1	258	175	208	214	19.61	cps
Dysprosium	156-2	133	107	130	123	11.78	cps
Erbium	164-1	325	275	375	325	15.39	cps
Erbium	164-2	190	147	127	154	20.96	cps
Gadolinium	160-1	342	342	342	342	0.00	cps
Gadolinium	160-2	180	167	203	183	10.12	cps
Holmium	165-1	9382021	9078435	9262099	9240852	1.65	cps
Holmium	165-2	4103653	4164184	3686896	3984911	6.52	cps
Indium	115-1	8055015	7944259	8036488	8011921	0.74	cps
Indium	115-2	1111390	1116100	1006131	1077874	5.77	cps
Iron	54-2	977056	977080	988955	981031	0.70	cps
Iron	56-2	18441464	18313764	18065721	18273649	1.05	cps
Iron	57-2	445935	442195	446365	444832	0.52	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-05	Instrumnet Name :	P8
Client Sample ID :	C00W1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 13:57:45	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1060	1213	1143	1139	6.74	cps
Lead	206-1	1217	1145	1067	1143	6.57	cps
Lead	207-1	933	1056	995	995	6.15	cps
Lead	208-1	4334	4900	4562	4599	6.20	cps
Lithium	6-1	2877140	2730414	2821457	2809670	2.64	cps
Magnesium	24-2	1001246	1019366	1023044	1014552	1.15	cps
Manganese	55-2	1111079	1117303	1094166	1107516	1.08	cps
Molybdenum	94-1	725	733	750	736	1.73	cps
Molybdenum	95-1	700	742	542	661	15.96	cps
Molybdenum	96-1	1367	1275	1192	1278	6.85	cps
Molybdenum	97-1	442	300	367	369	19.18	cps
Molybdenum	98-1	942	992	933	956	3.30	cps
Neodymium	150-1	113	153	173	147	20.83	cps
Neodymium	150-2	23	43	37	34	29.57	cps
Nickel	60-2	3157	3297	3314	3256	2.64	cps
Phosphorus	31-2	492	425	250	389	32.10	cps
Potassium	39-2	239090	238864	240685	239546	0.41	cps
Rhodium	103-1	7961660	7559235	7657547	7726147	2.72	cps
Rhodium	103-2	3358246	3397767	3146462	3300825	4.09	cps
Scandium	45-1	6037241	5940514	6051669	6009808	1.01	cps
Scandium	45-2	175591	179383	164720	173231	4.39	cps
Selenium	82-1	51	-22	72	34	146.90	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	32	41	35	36	12.73	cps
Silicon	28-1	15551568	15071820	15596844	15406744	1.89	cps
Silver	107-1	117	108	58	94	33.41	cps
Silver	109-1	117	117	75	103	23.41	cps
Sodium	23-2	3317212	3429999	3360553	3369255	1.69	cps
Strontium	86-1	786209	784689	788294	786397	0.23	cps
Strontium	88-1	6473518	6600756	6781161	6618478	2.34	cps
Sulfur	34-1	1000637	989530	1003316	997828	0.73	cps
Terbium	159-1	10017934	9669102	9591005	9759347	2.33	cps
Terbium	159-2	4040396	4052696	3686410	3926501	5.30	cps
Thallium	203-1	692	708	725	708	2.35	cps
Thallium	205-1	1750	1683	1725	1720	1.96	cps
Tin	118-1	7469	11371	7644	8828	24.96	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-05	Instrumnet Name :	P8
Client Sample ID :	C00W1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 13:57:45	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	783	533	692	669	18.89	cps
Uranium	238-1	267	267	150	228	29.57	cps
Vanadium	51-2	57	63	47	56	15.09	cps
Ytterbium	172-1	150	225	100	158	39.74	cps
Ytterbium	172-2	72	106	61	80	29.05	cps
Ytterbium	176-1	1142	1008	975	1042	8.47	cps
Ytterbium	176-2	5951	5863	5446	5753	4.69	cps
Yttrium	89-1	15127636	14918907	15386529	15144358	1.55	cps
Yttrium	89-2	1483311	1487985	1365721	1445672	4.79	cps
Zinc	66-2	1130	1103	1157	1130	2.36	cps
Zirconium	90-1	933	1000	1117	1017	9.13	cps
Zirconium	91-1	175	208	192	192	8.69	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-06	Instrumnet Name :	P8
Client Sample ID :	C00W3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:00:46	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	319	342	284	315	9.38	cps
Antimony	121-1	650	633	492	592	14.71	cps
Arsenic	75-2	312	326	271	303	9.43	cps
Barium	135-1	131872	135221	134657	133916	1.34	cps
Barium	137-1	311413	313439	313845	312899	0.42	cps
Beryllium	9-1	144	144	174	154	11.25	cps
Bismuth	209-1	5288420	5452380	5507085	5415961	2.10	cps
Bismuth	209-2	2935558	2923179	2817152	2891963	2.25	cps
Boron	10-1	3090	3092	3332	3171	4.39	cps
Boron	11-1	14250	14891	14851	14664	2.45	cps
Bromine	81-1	31618	31367	31588	31525	0.43	cps
Cadmium	111-1	522	529	508	520	2.05	cps
Cadmium	106-1	3834	3609	3326	3589	7.10	cps
Cadmium	108-1	54	75	71	67	16.53	cps
Calcium	43-1	356930	355743	356715	356462	0.18	cps
Calcium	44-1	5725066	5792559	5779388	5765671	0.62	cps
Carbon	12-1	7165153	7915214	8169028	7749798	6.74	cps
Carbon	12-2	90488	91855	93246	91863	1.50	cps
Chlorine	35-1	546260	549649	552974	549627	0.61	cps
Chlorine	35-2	3242	3167	3284	3231	1.83	cps
Chromium	52-2	887	877	820	861	4.18	cps
Cobalt	59-2	3797	3584	3897	3759	4.26	cps
Copper	63-2	10164	10351	10707	10407	2.65	cps
Dysprosium	156-1	33	50	75	53	39.74	cps
Dysprosium	156-2	10	20	20	17	34.64	cps
Erbium	164-1	100	142	67	103	36.56	cps
Erbium	164-2	33	40	23	32	26.04	cps
Gadolinium	160-1	100	92	83	92	9.09	cps
Gadolinium	160-2	87	80	107	91	15.23	cps
Holmium	165-1	9141472	9668749	9383649	9397957	2.81	cps
Holmium	165-2	4100826	4141316	3955418	4065853	2.40	cps
Indium	115-1	8228189	7988714	8043628	8086844	1.55	cps
Indium	115-2	1113597	1122608	1060168	1098791	3.07	cps
Iron	54-2	192765	192589	197651	194335	1.48	cps
Iron	56-2	3619787	3562447	3789120	3657118	3.22	cps
Iron	57-2	90721	88832	89509	89687	1.07	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-06	Instrumnet Name :	P8
Client Sample ID :	C00W3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:00:46	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1197	1117	1220	1178	4.60	cps
Lead	206-1	839	967	933	913	7.26	cps
Lead	207-1	706	828	867	800	10.51	cps
Lead	208-1	3306	3795	3578	3560	6.88	cps
Lithium	6-1	2923704	2886175	2974818	2928233	1.52	cps
Magnesium	24-2	923297	927864	947358	932840	1.37	cps
Manganese	55-2	325953	325825	331990	327923	1.07	cps
Molybdenum	94-1	683	792	708	728	7.79	cps
Molybdenum	95-1	725	675	792	731	8.01	cps
Molybdenum	96-1	1017	825	1233	1025	19.93	cps
Molybdenum	97-1	400	475	308	394	21.16	cps
Molybdenum	98-1	1042	1083	950	1025	6.65	cps
Neodymium	150-1	20	87	73	60	58.80	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	1850	1720	1787	1786	3.64	cps
Phosphorus	31-2	158	225	117	167	32.79	cps
Potassium	39-2	203981	207694	212036	207904	1.94	cps
Rhodium	103-1	7806386	7916132	7665746	7796088	1.61	cps
Rhodium	103-2	3435345	3388438	3193072	3338952	3.85	cps
Scandium	45-1	5925665	6098615	6039894	6021392	1.46	cps
Scandium	45-2	176099	178116	169833	174683	2.47	cps
Selenium	82-1	-77	37	-79	-40	-167.88	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	42	41	39	41	3.76	cps
Silicon	28-1	17223376	17393657	17369740	17328924	0.53	cps
Silver	107-1	183	108	92	128	38.21	cps
Silver	109-1	83	75	117	92	24.05	cps
Sodium	23-2	6599154	6592901	6711062	6634372	1.00	cps
Strontium	86-1	547334	543253	546090	545559	0.38	cps
Strontium	88-1	4600313	4500997	4527211	4542840	1.13	cps
Sulfur	34-1	854121	839992	862758	852290	1.35	cps
Terbium	159-1	9926891	9899892	9551041	9792608	2.14	cps
Terbium	159-2	4034739	4064028	3845647	3981471	2.98	cps
Thallium	203-1	725	708	675	703	3.62	cps
Thallium	205-1	1825	1633	1650	1703	6.24	cps
Tin	118-1	2792	2159	2700	2550	13.42	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-06	Instrumnet Name :	P8
Client Sample ID :	C00W3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:00:46	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	492	492	442	475	6.08	cps
Uranium	238-1	567	617	458	547	14.79	cps
Vanadium	51-2	33	40	20	31	32.73	cps
Ytterbium	172-1	67	58	50	58	14.29	cps
Ytterbium	172-2	22	39	17	26	44.60	cps
Ytterbium	176-1	1058	1025	908	997	7.90	cps
Ytterbium	176-2	6024	6179	5640	5948	4.67	cps
Yttrium	89-1	15399835	15519651	14948479	15289322	1.97	cps
Yttrium	89-2	1462611	1503190	1380394	1448732	4.32	cps
Zinc	66-2	1247	1130	1103	1160	6.57	cps
Zirconium	90-1	783	942	933	886	10.06	cps
Zirconium	91-1	225	217	233	225	3.70	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-07	Instrumnet Name :	P8
Client Sample ID :	C00W5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:03:45	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	896	909	902	902	0.69	cps
Antimony	121-1	275	233	250	253	8.30	cps
Arsenic	75-2	230	230	243	234	3.20	cps
Barium	135-1	476703	479416	476433	477517	0.35	cps
Barium	137-1	1106692	1136964	1107378	1117011	1.55	cps
Beryllium	9-1	200	178	170	183	8.50	cps
Bismuth	209-1	5410222	5530070	5631486	5523926	2.01	cps
Bismuth	209-2	2859235	2564550	2971590	2798459	7.51	cps
Boron	10-1	6126	6752	6952	6610	6.52	cps
Boron	11-1	29179	31109	32892	31060	5.98	cps
Bromine	81-1	43060	48242	51245	47516	8.71	cps
Cadmium	111-1	558	537	526	540	3.09	cps
Cadmium	106-1	3542	3592	3517	3551	1.08	cps
Cadmium	108-1	117	58	58	78	43.31	cps
Calcium	43-1	557548	566502	556671	560240	0.97	cps
Calcium	44-1	8801946	8941235	8819095	8854092	0.86	cps
Carbon	12-1	7845683	8284787	8630681	8253717	4.77	cps
Carbon	12-2	94119	95169	96936	95408	1.49	cps
Chlorine	35-1	572372	600526	603883	592260	2.92	cps
Chlorine	35-2	3776	3817	3692	3762	1.69	cps
Chromium	52-2	1220	1203	1243	1222	1.64	cps
Cobalt	59-2	357	373	347	359	3.75	cps
Copper	63-2	1827	1810	1683	1773	4.42	cps
Dysprosium	156-1	33	42	83	53	50.76	cps
Dysprosium	156-2	33	23	33	30	19.25	cps
Erbium	164-1	133	92	125	117	18.90	cps
Erbium	164-2	23	53	20	32	56.98	cps
Gadolinium	160-1	125	108	92	108	15.39	cps
Gadolinium	160-2	73	90	87	83	10.59	cps
Holmium	165-1	9499049	9389962	9375546	9421519	0.72	cps
Holmium	165-2	4039002	3752452	4209384	4000279	5.77	cps
Indium	115-1	8112121	8427349	8160326	8233265	2.06	cps
Indium	115-2	1089399	1006388	1114201	1069996	5.28	cps
Iron	54-2	1166286	1193766	1149739	1169930	1.90	cps
Iron	56-2	21994882	21701375	21224052	21640103	1.80	cps
Iron	57-2	541317	524156	526245	530573	1.76	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-07	Instrumnet Name :	P8
Client Sample ID :	C00W5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:03:45	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1173	1067	1187	1142	5.76	cps
Lead	206-1	1395	1161	1161	1239	10.87	cps
Lead	207-1	1050	989	1033	1024	3.08	cps
Lead	208-1	5173	4756	4828	4919	4.53	cps
Lithium	6-1	2852246	3003979	2999357	2951861	2.92	cps
Magnesium	24-2	1013315	1007434	960085	993611	2.94	cps
Manganese	55-2	343304	341658	335980	340314	1.13	cps
Molybdenum	94-1	883	1100	1000	995	10.91	cps
Molybdenum	95-1	1050	867	950	956	9.61	cps
Molybdenum	96-1	1800	1617	1442	1620	11.07	cps
Molybdenum	97-1	525	417	483	475	11.50	cps
Molybdenum	98-1	1433	1350	1100	1295	13.40	cps
Neodymium	150-1	80	60	67	69	14.78	cps
Neodymium	150-2	17	10	13	13	25.01	cps
Nickel	60-2	843	867	803	838	3.82	cps
Phosphorus	31-2	250	233	258	247	5.15	cps
Potassium	39-2	334851	335940	332404	334398	0.54	cps
Rhodium	103-1	7677077	7858435	7790280	7775264	1.18	cps
Rhodium	103-2	3472959	3022122	3475742	3323608	7.86	cps
Scandium	45-1	5903940	6079065	5987236	5990080	1.46	cps
Scandium	45-2	178380	159754	179086	172407	6.36	cps
Selenium	82-1	-58	117	-34	8	1127.29	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	45	42	42	43	4.03	cps
Silicon	28-1	19335096	19496340	19742235	19524557	1.05	cps
Silver	107-1	158	125	125	136	14.14	cps
Silver	109-1	75	83	133	97	32.45	cps
Sodium	23-2	4443411	4473154	4353947	4423504	1.40	cps
Strontium	86-1	611720	606543	611354	609872	0.47	cps
Strontium	88-1	5255831	5269176	5058827	5194611	2.27	cps
Sulfur	34-1	414878	410742	420940	415520	1.23	cps
Terbium	159-1	9865622	10041107	9734796	9880508	1.56	cps
Terbium	159-2	3967913	3672231	3982749	3874298	4.52	cps
Thallium	203-1	642	792	817	750	12.62	cps
Thallium	205-1	1708	1892	1867	1822	5.46	cps
Tin	118-1	2909	2734	3142	2928	7.00	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-07	Instrumnet Name :	P8
Client Sample ID :	C00W5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:03:45	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	608	725	583	639	11.84	cps
Uranium	238-1	75	133	208	139	48.13	cps
Vanadium	51-2	103	87	87	92	10.44	cps
Ytterbium	172-1	67	25	50	47	44.41	cps
Ytterbium	172-2	22	28	28	26	12.38	cps
Ytterbium	176-1	1033	992	883	970	7.99	cps
Ytterbium	176-2	5868	5379	6029	5759	5.88	cps
Yttrium	89-1	15818000	15579058	14944844	15447301	2.92	cps
Yttrium	89-2	1469357	1316182	1446264	1410601	5.85	cps
Zinc	66-2	1103	993	1017	1038	5.59	cps
Zirconium	90-1	1158	1308	1083	1183	9.68	cps
Zirconium	91-1	242	133	292	222	36.42	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-08	Instrumnet Name :	P8
Client Sample ID :	C00W7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:06:46	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1340	1474	1366	1393	5.09	cps
Antimony	121-1	183	225	258	222	16.91	cps
Arsenic	75-2	244	228	229	234	3.84	cps
Barium	135-1	70601	71967	71313	71294	0.96	cps
Barium	137-1	166679	166667	168453	167266	0.61	cps
Beryllium	9-1	208	216	218	214	2.47	cps
Bismuth	209-1	5464712	5408033	5487306	5453350	0.75	cps
Bismuth	209-2	2851055	2543519	2906286	2766954	7.06	cps
Boron	10-1	3202	3044	3348	3198	4.75	cps
Boron	11-1	15711	15837	15653	15734	0.60	cps
Bromine	81-1	28809	28990	28950	28916	0.33	cps
Cadmium	111-1	543	510	554	536	4.29	cps
Cadmium	106-1	3392	3484	3509	3462	1.78	cps
Cadmium	108-1	38	50	79	56	38.49	cps
Calcium	43-1	457171	455948	453466	455529	0.41	cps
Calcium	44-1	7379250	7404169	7328144	7370521	0.53	cps
Carbon	12-1	6902700	7810990	8226537	7646742	8.85	cps
Carbon	12-2	92651	95143	96434	94743	2.03	cps
Chlorine	35-1	526675	537214	541373	535087	1.42	cps
Chlorine	35-2	3584	3584	3426	3531	2.59	cps
Chromium	52-2	797	903	953	884	9.05	cps
Cobalt	59-2	6488	6188	6261	6313	2.48	cps
Copper	63-2	35454	34505	34445	34802	1.63	cps
Dysprosium	156-1	50	92	42	61	43.83	cps
Dysprosium	156-2	23	27	37	29	24.03	cps
Erbium	164-1	150	125	67	114	37.55	cps
Erbium	164-2	53	47	53	51	7.52	cps
Gadolinium	160-1	108	33	150	97	60.82	cps
Gadolinium	160-2	90	97	133	107	21.88	cps
Holmium	165-1	9133585	9230355	9196603	9186848	0.53	cps
Holmium	165-2	4175341	3717485	4045559	3979462	5.93	cps
Indium	115-1	7854637	7981445	8194487	8010190	2.14	cps
Indium	115-2	1102930	974103	1089945	1055659	6.72	cps
Iron	54-2	746513	759418	730891	745608	1.92	cps
Iron	56-2	13583210	13935200	13117700	13545370	3.03	cps
Iron	57-2	335723	336156	330080	333986	1.02	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-08	Instrumnet Name :	P8
Client Sample ID :	C00W7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:06:46	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1120	1063	1093	1092	2.60	cps
Lead	206-1	1011	1111	1039	1054	4.90	cps
Lead	207-1	900	939	933	924	2.28	cps
Lead	208-1	4211	4178	4389	4260	2.66	cps
Lithium	6-1	2830283	2881136	2817930	2843116	1.18	cps
Magnesium	24-2	1324198	1345037	1313823	1327686	1.20	cps
Manganese	55-2	693104	688670	677807	686527	1.15	cps
Molybdenum	94-1	567	692	567	608	11.86	cps
Molybdenum	95-1	342	358	483	394	19.63	cps
Molybdenum	96-1	733	717	900	783	12.94	cps
Molybdenum	97-1	158	183	183	175	8.25	cps
Molybdenum	98-1	450	425	467	447	4.69	cps
Neodymium	150-1	107	100	87	98	10.41	cps
Neodymium	150-2	30	27	20	26	19.92	cps
Nickel	60-2	3264	3394	3287	3315	2.09	cps
Phosphorus	31-2	258	308	267	278	9.64	cps
Potassium	39-2	171259	168311	168611	169394	0.96	cps
Rhodium	103-1	7679113	7642879	7815919	7712637	1.18	cps
Rhodium	103-2	3304390	3133247	3325113	3254250	3.24	cps
Scandium	45-1	6105464	5979601	6048357	6044474	1.04	cps
Scandium	45-2	177328	159038	176122	170830	5.99	cps
Selenium	82-1	-5	31	16	14	131.46	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	38	41	30	36	15.65	cps
Silicon	28-1	18814655	19081142	19650284	19182027	2.23	cps
Silver	107-1	142	175	125	147	17.30	cps
Silver	109-1	83	75	58	72	17.63	cps
Sodium	23-2	2990677	2913278	2979444	2961133	1.41	cps
Strontium	86-1	584366	590025	590966	588452	0.61	cps
Strontium	88-1	5029212	5053864	5039483	5040853	0.25	cps
Sulfur	34-1	1252817	1246563	1283431	1260937	1.56	cps
Terbium	159-1	9661268	9514704	9777171	9651048	1.36	cps
Terbium	159-2	4108701	3537794	3987877	3878124	7.76	cps
Thallium	203-1	483	600	742	608	21.27	cps
Thallium	205-1	1658	1608	1575	1614	2.60	cps
Tin	118-1	4134	3967	4159	4087	2.55	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-08	Instrumnet Name :	P8
Client Sample ID :	C00W7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:06:46	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	900	958	892	917	3.96	cps
Uranium	238-1	308	200	208	239	25.24	cps
Vanadium	51-2	123	63	97	94	31.83	cps
Ytterbium	172-1	75	58	92	75	22.23	cps
Ytterbium	172-2	39	33	22	31	26.96	cps
Ytterbium	176-1	1225	1117	1200	1181	4.81	cps
Ytterbium	176-2	5662	5368	5568	5533	2.72	cps
Yttrium	89-1	14931819	15242979	15273587	15149462	1.25	cps
Yttrium	89-2	1435760	1272717	1434917	1381131	6.80	cps
Zinc	66-2	1570	1803	1630	1668	7.27	cps
Zirconium	90-1	1150	1200	1192	1181	2.27	cps
Zirconium	91-1	275	292	225	264	13.15	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-09	Instrumnet Name :	P8
Client Sample ID :	C00W9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:09:44	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2084	1920	1990	1998	4.11	cps
Antimony	121-1	200	192	275	222	20.65	cps
Arsenic	75-2	33	30	30	31	5.59	cps
Barium	135-1	505225	506727	519850	510601	1.58	cps
Barium	137-1	1195731	1194568	1197533	1195944	0.12	cps
Beryllium	9-1	172	148	158	159	7.57	cps
Bismuth	209-1	5417160	5574729	5433402	5475097	1.58	cps
Bismuth	209-2	2974448	2990888	2900590	2955309	1.63	cps
Boron	10-1	4212	4406	4370	4329	2.38	cps
Boron	11-1	20254	22008	21986	21416	4.70	cps
Bromine	81-1	36264	40028	43382	39891	8.93	cps
Cadmium	111-1	527	531	531	530	0.49	cps
Cadmium	106-1	3692	3784	3909	3795	2.87	cps
Cadmium	108-1	79	88	29	65	48.33	cps
Calcium	43-1	377280	379433	376996	377903	0.35	cps
Calcium	44-1	5987947	6032947	5927913	5982935	0.88	cps
Carbon	12-1	7387601	8464270	8372353	8074741	7.39	cps
Carbon	12-2	93130	95244	95771	94715	1.48	cps
Chlorine	35-1	607567	623509	640724	623933	2.66	cps
Chlorine	35-2	3851	3926	3642	3806	3.86	cps
Chromium	52-2	2687	2647	2730	2688	1.55	cps
Cobalt	59-2	360	390	270	340	18.37	cps
Copper	63-2	5128	4868	5031	5009	2.62	cps
Dysprosium	156-1	325	267	383	325	17.95	cps
Dysprosium	156-2	177	137	167	160	13.01	cps
Erbium	164-1	608	617	675	633	5.74	cps
Erbium	164-2	310	277	280	289	6.36	cps
Gadolinium	160-1	400	433	425	419	4.14	cps
Gadolinium	160-2	243	263	243	250	4.62	cps
Holmium	165-1	9182043	9536564	9501003	9406536	2.08	cps
Holmium	165-2	4121459	4067725	4090113	4093099	0.66	cps
Indium	115-1	7979149	8171200	8116242	8088864	1.22	cps
Indium	115-2	1122781	1111672	1082496	1105650	1.88	cps
Iron	54-2	110883	108633	110823	110113	1.16	cps
Iron	56-2	2056562	2009617	2011819	2025999	1.31	cps
Iron	57-2	50334	48956	49703	49664	1.39	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-09	Instrumnet Name :	P8
Client Sample ID :	C00W9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:09:44	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1053	1003	1117	1058	5.37	cps
Lead	206-1	956	961	950	956	0.58	cps
Lead	207-1	878	856	711	815	11.11	cps
Lead	208-1	3750	3961	3817	3843	2.81	cps
Lithium	6-1	2845944	2963518	2985168	2931543	2.56	cps
Magnesium	24-2	868512	833375	840943	847610	2.18	cps
Manganese	55-2	76514	76557	74400	75824	1.63	cps
Molybdenum	94-1	992	1125	1777	1298	32.38	cps
Molybdenum	95-1	558	867	717	714	21.60	cps
Molybdenum	96-1	792	942	1033	922	13.23	cps
Molybdenum	97-1	400	458	542	467	15.26	cps
Molybdenum	98-1	1108	1075	1000	1061	5.23	cps
Neodymium	150-1	133	127	107	122	11.36	cps
Neodymium	150-2	50	27	10	29	69.55	cps
Nickel	60-2	1147	1297	1203	1216	6.23	cps
Phosphorus	31-2	308	342	283	311	9.41	cps
Potassium	39-2	202327	202059	201326	201904	0.26	cps
Rhodium	103-1	7709032	7701227	7848576	7752945	1.07	cps
Rhodium	103-2	3430252	3458099	3339728	3409360	1.82	cps
Scandium	45-1	5804714	6006533	6030856	5947368	2.09	cps
Scandium	45-2	177583	180639	173758	177327	1.94	cps
Selenium	82-1	55	129	21	68	81.22	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	38	46	47	44	11.30	cps
Silicon	28-1	19724091	20533157	20756074	20337774	2.67	cps
Silver	107-1	100	167	108	125	29.06	cps
Silver	109-1	83	25	75	61	51.63	cps
Sodium	23-2	8606244	8460826	8395838	8487636	1.27	cps
Strontium	86-1	685514	698687	710784	698328	1.81	cps
Strontium	88-1	5984336	5988248	5955444	5976009	0.30	cps
Sulfur	34-1	662397	662180	684552	669709	1.92	cps
Terbium	159-1	9638675	9756300	10026094	9807023	2.03	cps
Terbium	159-2	4156256	3990596	3912127	4019660	3.10	cps
Thallium	203-1	725	792	525	681	20.39	cps
Thallium	205-1	1650	1583	1475	1570	5.63	cps
Tin	118-1	2609	2334	2509	2484	5.61	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-09	Instrumnet Name :	P8
Client Sample ID :	C00W9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:09:44	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	792	850	1401	1014	33.14	cps
Uranium	238-1	275	225	417	306	32.54	cps
Vanadium	51-2	103	97	93	98	5.21	cps
Ytterbium	172-1	175	258	192	208	21.17	cps
Ytterbium	172-2	83	94	111	96	14.52	cps
Ytterbium	176-1	1217	1067	1042	1108	8.54	cps
Ytterbium	176-2	6018	6052	6240	6103	1.96	cps
Yttrium	89-1	15184181	15063312	15291054	15179516	0.75	cps
Yttrium	89-2	1487836	1498330	1436180	1474115	2.26	cps
Zinc	66-2	613	437	583	544	17.36	cps
Zirconium	90-1	1258	1292	1392	1314	5.28	cps
Zirconium	91-1	233	325	292	283	16.38	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-10	Instrumnet Name :	P8
Client Sample ID :	C00W9D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:12:46	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1025	1026	964	1005	3.56	cps
Antimony	121-1	192	250	250	231	14.61	cps
Arsenic	75-2	35	39	36	37	5.68	cps
Barium	135-1	503029	502574	501834	502479	0.12	cps
Barium	137-1	1154940	1177514	1172516	1168323	1.01	cps
Beryllium	9-1	152	134	172	153	12.45	cps
Bismuth	209-1	5372911	5591576	5582996	5515828	2.25	cps
Bismuth	209-2	3021598	2876798	2933114	2943837	2.48	cps
Boron	10-1	4236	4410	4520	4388	3.26	cps
Boron	11-1	20632	21612	22188	21478	3.66	cps
Bromine	81-1	40511	41675	45762	42649	6.47	cps
Cadmium	111-1	553	620	530	568	8.29	cps
Cadmium	106-1	3709	3751	3584	3681	2.36	cps
Cadmium	108-1	54	63	46	54	15.39	cps
Calcium	43-1	375977	375680	378536	376731	0.42	cps
Calcium	44-1	6016264	5964100	6017251	5999205	0.51	cps
Carbon	12-1	7094482	7911619	8396837	7800979	8.44	cps
Carbon	12-2	92283	90716	95269	92756	2.49	cps
Chlorine	35-1	622733	638834	645620	635729	1.85	cps
Chlorine	35-2	4259	3859	3684	3934	7.49	cps
Chromium	52-2	707	783	727	739	5.38	cps
Cobalt	59-2	267	310	307	294	8.19	cps
Copper	63-2	8072	8106	8152	8110	0.50	cps
Dysprosium	156-1	258	292	350	300	15.47	cps
Dysprosium	156-2	110	123	130	121	8.41	cps
Erbium	164-1	567	583	500	550	8.02	cps
Erbium	164-2	260	293	243	266	9.59	cps
Gadolinium	160-1	350	425	433	403	11.39	cps
Gadolinium	160-2	287	270	257	271	5.54	cps
Holmium	165-1	9382094	9420693	9504168	9435652	0.66	cps
Holmium	165-2	4157073	4121552	4143090	4140571	0.43	cps
Indium	115-1	8014323	8078709	8158236	8083756	0.89	cps
Indium	115-2	1105984	1112033	1124807	1114275	0.86	cps
Iron	54-2	107239	107895	104692	106609	1.59	cps
Iron	56-2	2028592	2010664	2042797	2027351	0.79	cps
Iron	57-2	49084	48711	49742	49179	1.06	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-10	Instrumnet Name :	P8
Client Sample ID :	C00W9D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:12:46	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1147	1070	1203	1140	5.87	cps
Lead	206-1	867	828	772	822	5.77	cps
Lead	207-1	806	844	750	800	5.93	cps
Lead	208-1	3567	3545	3345	3485	3.51	cps
Lithium	6-1	2857410	2901231	2898706	2885782	0.85	cps
Magnesium	24-2	858698	843240	840950	847630	1.14	cps
Manganese	55-2	75158	74162	73780	74367	0.96	cps
Molybdenum	94-1	725	642	708	692	6.38	cps
Molybdenum	95-1	592	667	625	628	5.99	cps
Molybdenum	96-1	917	933	708	853	14.70	cps
Molybdenum	97-1	417	425	433	425	1.96	cps
Molybdenum	98-1	942	933	1008	961	4.28	cps
Neodymium	150-1	80	140	113	111	27.06	cps
Neodymium	150-2	33	10	23	22	52.68	cps
Nickel	60-2	930	887	907	908	2.39	cps
Phosphorus	31-2	367	367	350	361	2.67	cps
Potassium	39-2	197891	196854	193633	196126	1.13	cps
Rhodium	103-1	7627407	7817340	7723957	7722901	1.23	cps
Rhodium	103-2	3486296	3413432	3358088	3419272	1.88	cps
Scandium	45-1	5955180	6006926	6079402	6013836	1.04	cps
Scandium	45-2	176811	178110	182671	179197	1.72	cps
Selenium	82-1	-60	61	-64	-21	-340.91	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	36	27	35	33	15.10	cps
Silicon	28-1	19627157	21147157	21000213	20591509	4.07	cps
Silver	107-1	83	142	142	122	27.55	cps
Silver	109-1	33	58	50	47	26.96	cps
Sodium	23-2	8332965	8321244	8228915	8294375	0.69	cps
Strontium	86-1	687935	691472	690225	689877	0.26	cps
Strontium	88-1	5840515	5885793	5747445	5824584	1.21	cps
Sulfur	34-1	658001	669095	679820	668972	1.63	cps
Terbium	159-1	9499944	10106910	9546544	9717799	3.48	cps
Terbium	159-2	4096766	4026801	4061345	4061637	0.86	cps
Thallium	203-1	675	658	567	633	9.21	cps
Thallium	205-1	1633	1517	1483	1545	5.10	cps
Tin	118-1	4601	4751	4734	4695	1.75	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-10	Instrumnet Name :	P8
Client Sample ID :	C00W9D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:12:46	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	708	508	417	544	27.40	cps
Uranium	238-1	350	250	183	261	32.13	cps
Vanadium	51-2	70	40	77	62	31.39	cps
Ytterbium	172-1	117	200	275	197	40.16	cps
Ytterbium	172-2	50	167	111	109	53.41	cps
Ytterbium	176-1	1025	1158	1017	1067	7.45	cps
Ytterbium	176-2	5857	5913	5946	5905	0.76	cps
Yttrium	89-1	15099446	15403042	15020040	15174176	1.33	cps
Yttrium	89-2	1446344	1474951	1466802	1462699	1.01	cps
Zinc	66-2	813	820	800	811	1.26	cps
Zirconium	90-1	1108	1192	1033	1111	7.13	cps
Zirconium	91-1	233	225	542	333	54.18	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-09LX5	Instrumnet Name :	P8
Client Sample ID :	C00W9L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 14:15:44	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	451	470	445	455	2.86	cps
Antimony	121-1	217	100	125	147	41.72	cps
Arsenic	75-2	14	13	13	13	4.33	cps
Barium	135-1	96821	94588	95445	95618	1.18	cps
Barium	137-1	224206	219965	228585	224252	1.92	cps
Beryllium	9-1	172	150	172	165	7.71	cps
Bismuth	209-1	5339783	5646751	5341933	5442822	3.24	cps
Bismuth	209-2	2912791	2853085	2924993	2896956	1.33	cps
Boron	10-1	1766	1844	1866	1825	2.88	cps
Boron	11-1	9093	8657	8591	8780	3.11	cps
Bromine	81-1	25760	26924	26011	26232	2.33	cps
Cadmium	111-1	515	517	461	498	6.30	cps
Cadmium	106-1	3642	3909	3559	3703	4.94	cps
Cadmium	108-1	58	75	117	83	36.06	cps
Calcium	43-1	71083	71428	70643	71051	0.55	cps
Calcium	44-1	1169030	1176120	1166568	1170573	0.42	cps
Carbon	12-1	5340292	5484074	5352331	5392232	1.48	cps
Carbon	12-2	58852	55573	56886	57104	2.89	cps
Chlorine	35-1	548426	541772	538534	542911	0.93	cps
Chlorine	35-2	3467	3050	3225	3248	6.44	cps
Chromium	52-2	1037	917	980	978	6.14	cps
Cobalt	59-2	90	100	110	100	10.00	cps
Copper	63-2	1367	1330	1430	1376	3.68	cps
Dysprosium	156-1	58	75	75	69	13.85	cps
Dysprosium	156-2	17	23	27	22	22.91	cps
Erbium	164-1	167	100	142	136	24.74	cps
Erbium	164-2	80	57	103	80	29.17	cps
Gadolinium	160-1	125	158	108	131	19.50	cps
Gadolinium	160-2	137	100	117	118	15.59	cps
Holmium	165-1	9356970	9590683	9295905	9414519	1.65	cps
Holmium	165-2	3992066	3981352	4036028	4003149	0.72	cps
Indium	115-1	7914534	7811825	7902722	7876360	0.71	cps
Indium	115-2	1113161	1061736	1067174	1080690	2.61	cps
Iron	54-2	20715	21556	20910	21060	2.09	cps
Iron	56-2	381169	382559	365939	376556	2.45	cps
Iron	57-2	9220	9770	9476	9489	2.90	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-09LX5	Instrumnet Name :	P8
Client Sample ID :	C00W9L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 14:15:44	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1143	1063	1107	1104	3.63	cps
Lead	206-1	733	961	878	857	13.44	cps
Lead	207-1	811	833	767	804	4.22	cps
Lead	208-1	3384	3428	3361	3391	1.00	cps
Lithium	6-1	2730790	2865329	2866185	2820768	2.76	cps
Magnesium	24-2	161797	161830	155522	159716	2.27	cps
Manganese	55-2	14447	14521	14514	14494	0.28	cps
Molybdenum	94-1	350	300	433	361	18.65	cps
Molybdenum	95-1	75	150	175	133	39.03	cps
Molybdenum	96-1	258	267	350	292	17.38	cps
Molybdenum	97-1	108	67	42	72	46.63	cps
Molybdenum	98-1	258	317	333	303	13.01	cps
Neodymium	150-1	13	13	67	31	98.99	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	290	290	267	282	4.77	cps
Phosphorus	31-2	208	200	225	211	6.03	cps
Potassium	39-2	50932	49887	51568	50796	1.67	cps
Rhodium	103-1	7840104	7683615	7680328	7734682	1.18	cps
Rhodium	103-2	3323275	3248311	3198515	3256700	1.93	cps
Scandium	45-1	5848727	5858243	5677967	5794979	1.75	cps
Scandium	45-2	179202	167796	174222	173740	3.29	cps
Selenium	82-1	-57	25	34	1	7678.40	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	43	32	38	38	14.62	cps
Silicon	28-1	4257314	4272763	4392814	4307630	1.72	cps
Silver	107-1	75	100	92	89	14.32	cps
Silver	109-1	83	83	67	78	12.37	cps
Sodium	23-2	1709969	1660633	1609802	1660135	3.02	cps
Strontium	86-1	136842	136355	130851	134682	2.47	cps
Strontium	88-1	1106690	1148596	1137713	1131000	1.92	cps
Sulfur	34-1	392284	395111	389328	392241	0.74	cps
Terbium	159-1	9758604	9655647	9484966	9633072	1.43	cps
Terbium	159-2	4026144	3858093	3829023	3904420	2.73	cps
Thallium	203-1	558	783	433	592	29.98	cps
Thallium	205-1	1600	1458	1450	1503	5.61	cps
Tin	118-1	10763	10646	10563	10657	0.94	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-09LX5	Instrumnet Name :	P8
Client Sample ID :	C00W9L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 14:15:44	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	275	442	383	367	23.07	cps
Uranium	238-1	42	50	67	53	24.12	cps
Vanadium	51-2	17	30	23	23	28.56	cps
Ytterbium	172-1	25	33	100	53	77.89	cps
Ytterbium	172-2	17	28	33	26	32.72	cps
Ytterbium	176-1	958	1142	933	1011	11.25	cps
Ytterbium	176-2	5551	5807	5918	5759	3.27	cps
Yttrium	89-1	14909796	14679324	15074727	14887949	1.33	cps
Yttrium	89-2	1425581	1379955	1400658	1402065	1.63	cps
Zinc	66-2	213	213	193	207	5.59	cps
Zirconium	90-1	808	783	758	783	3.19	cps
Zirconium	91-1	142	158	183	161	13.02	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-11	Instrumnet Name :	P8
Client Sample ID :	C00W9S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:18:49	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	80899	81096	81174	81057	0.17	cps
Antimony	121-1	511586	517837	520508	516643	0.89	cps
Arsenic	75-2	5765	5740	5750	5751	0.22	cps
Barium	135-1	3096910	3151077	3136334	3128107	0.90	cps
Barium	137-1	7120148	7342208	7259365	7240574	1.55	cps
Beryllium	9-1	67717	68423	68268	68136	0.54	cps
Bismuth	209-1	5437780	5485566	5316193	5413180	1.61	cps
Bismuth	209-2	2908937	2874551	2769095	2850861	2.56	cps
Boron	10-1	4048	4316	4686	4350	7.37	cps
Boron	11-1	19904	21149	22064	21039	5.16	cps
Bromine	81-1	27365	29060	28438	28288	3.03	cps
Cadmium	111-1	64002	63526	65505	64344	1.61	cps
Cadmium	106-1	9445	9245	9529	9406	1.55	cps
Cadmium	108-1	4226	4226	4238	4230	0.17	cps
Calcium	43-1	396307	396278	402938	398508	0.96	cps
Calcium	44-1	6328221	6231958	6133144	6231108	1.57	cps
Carbon	12-1	7340804	7653291	8158193	7717429	5.34	cps
Carbon	12-2	94464	96056	94631	95050	0.92	cps
Chlorine	35-1	3149996	3789729	4558064	3832596	18.40	cps
Chlorine	35-2	35411	36196	40825	37477	7.81	cps
Chromium	52-2	312231	311712	309140	311028	0.53	cps
Cobalt	59-2	1399679	1437549	1403579	1413602	1.47	cps
Copper	63-2	541609	522567	537687	533954	1.88	cps
Dysprosium	156-1	333	483	350	389	21.14	cps
Dysprosium	156-2	203	147	183	178	16.17	cps
Erbium	164-1	700	692	725	706	2.46	cps
Erbium	164-2	300	280	253	278	8.43	cps
Gadolinium	160-1	433	425	442	433	1.92	cps
Gadolinium	160-2	250	257	230	246	5.65	cps
Holmium	165-1	9203314	9239978	9405554	9282948	1.16	cps
Holmium	165-2	4171683	4039408	3928616	4046569	3.01	cps
Indium	115-1	8152604	8037461	8063305	8084457	0.75	cps
Indium	115-2	1111650	1093406	1056463	1087173	2.59	cps
Iron	54-2	182191	187631	182598	184140	1.65	cps
Iron	56-2	3288687	3246764	3286691	3274047	0.72	cps
Iron	57-2	80097	79571	81382	80350	1.16	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-11	Instrumnet Name :	P8
Client Sample ID :	C00W9S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:18:49	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1070	1040	1027	1046	2.12	cps
Lead	206-1	71904	71982	72837	72241	0.72	cps
Lead	207-1	66051	66029	68274	66785	1.93	cps
Lead	208-1	294756	295273	297975	296002	0.58	cps
Lithium	6-1	3035603	2809636	2946074	2930438	3.88	cps
Magnesium	24-2	894032	892512	868876	885140	1.59	cps
Manganese	55-2	442408	436755	436137	438434	0.79	cps
Molybdenum	94-1	717	858	933	836	13.16	cps
Molybdenum	95-1	575	608	583	589	2.95	cps
Molybdenum	96-1	942	867	808	872	7.66	cps
Molybdenum	97-1	400	392	492	428	12.97	cps
Molybdenum	98-1	1233	1358	1192	1261	6.88	cps
Neodymium	150-1	180	253	160	198	24.85	cps
Neodymium	150-2	20	43	40	34	36.64	cps
Nickel	60-2	376381	379651	375416	377149	0.59	cps
Phosphorus	31-2	317	400	392	369	12.42	cps
Potassium	39-2	211495	210672	209848	210672	0.39	cps
Rhodium	103-1	7757401	7628468	7808679	7731516	1.20	cps
Rhodium	103-2	3362796	3343911	3267231	3324646	1.52	cps
Scandium	45-1	5806525	5986015	5710261	5834267	2.40	cps
Scandium	45-2	177871	177289	170610	175257	2.30	cps
Selenium	82-1	9449	9588	9780	9606	1.73	cps
Selenium	77-2	253	297	253	268	9.34	cps
Selenium	78-2	901	893	962	919	4.11	cps
Silicon	28-1	21582487	21386022	22385382	21784630	2.43	cps
Silver	107-1	393616	397125	400668	397136	0.89	cps
Silver	109-1	377537	382355	385692	381861	1.07	cps
Sodium	23-2	8720803	8644439	8780407	8715216	0.78	cps
Strontium	86-1	710976	737064	722759	723600	1.81	cps
Strontium	88-1	6219370	6221540	6114944	6185284	0.99	cps
Sulfur	34-1	677585	679016	684519	680373	0.54	cps
Terbium	159-1	9830970	10000527	9913636	9915044	0.86	cps
Terbium	159-2	4087806	4044374	3851523	3994568	3.15	cps
Thallium	203-1	227848	223420	229988	227085	1.48	cps
Thallium	205-1	526740	534289	540547	533858	1.29	cps
Tin	118-1	2925	3409	3167	3167	7.63	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-11	Instrumnet Name :	P8
Client Sample ID :	C00W9S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:18:49	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	883	808	725	806	9.83	cps
Uranium	238-1	225	267	333	275	19.87	cps
Vanadium	51-2	624302	618387	627575	623421	0.75	cps
Ytterbium	172-1	150	217	192	186	18.10	cps
Ytterbium	172-2	117	144	133	131	10.63	cps
Ytterbium	176-1	1017	992	1025	1011	1.72	cps
Ytterbium	176-2	5824	6107	5829	5920	2.74	cps
Yttrium	89-1	15181418	15251203	14965386	15132669	0.98	cps
Yttrium	89-2	1444241	1435668	1397299	1425736	1.75	cps
Zinc	66-2	108859	110841	109790	109830	0.90	cps
Zirconium	90-1	1375	1192	1450	1339	9.93	cps
Zirconium	91-1	417	325	333	358	14.15	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-12	Instrumnet Name :	P8
Client Sample ID :	C00X2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:21:46	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	586	516	586	563	7.18	cps
Antimony	121-1	467	392	325	394	17.97	cps
Arsenic	75-2	16	15	9	13	28.39	cps
Barium	135-1	1875	2234	1342	1817	24.70	cps
Barium	137-1	4176	4557	3097	3943	19.21	cps
Beryllium	9-1	182	180	172	178	2.97	cps
Bismuth	209-1	5355810	5607544	5404456	5455937	2.45	cps
Bismuth	209-2	2911609	2903704	2768859	2861390	2.80	cps
Boron	10-1	1060	1032	964	1019	4.85	cps
Boron	11-1	5268	5242	4930	5147	3.66	cps
Bromine	81-1	21108	19814	19975	20299	3.47	cps
Cadmium	111-1	602	600	545	582	5.54	cps
Cadmium	106-1	3517	3592	3392	3501	2.89	cps
Cadmium	108-1	46	33	58	46	27.27	cps
Calcium	43-1	985	977	894	952	5.32	cps
Calcium	44-1	30952	32347	30320	31206	3.32	cps
Carbon	12-1	6860003	7611903	7749470	7407126	6.46	cps
Carbon	12-2	85659	86984	85986	86210	0.80	cps
Chlorine	35-1	2285895	2249812	2126956	2220887	3.75	cps
Chlorine	35-2	11955	10921	10879	11252	5.42	cps
Chromium	52-2	963	940	920	941	2.30	cps
Cobalt	59-2	380	340	313	344	9.74	cps
Copper	63-2	2460	2504	2467	2477	0.94	cps
Dysprosium	156-1	0	8	25	11	114.58	cps
Dysprosium	156-2	10	3	3	6	69.34	cps
Erbium	164-1	92	108	50	83	36.06	cps
Erbium	164-2	37	17	17	23	49.48	cps
Gadolinium	160-1	92	25	92	69	55.43	cps
Gadolinium	160-2	83	80	60	74	16.95	cps
Holmium	165-1	9187812	9367063	9123130	9226002	1.37	cps
Holmium	165-2	4115641	3916166	3984732	4005513	2.53	cps
Indium	115-1	8031215	8148258	7838665	8006046	1.95	cps
Indium	115-2	1086350	1086882	1071552	1081595	0.80	cps
Iron	54-2	1322	1233	1283	1280	3.48	cps
Iron	56-2	19197	18301	18429	18642	2.60	cps
Iron	57-2	578	650	611	613	5.90	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-12	Instrumnet Name :	P8
Client Sample ID :	C00X2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:21:46	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1090	993	1083	1056	5.11	cps
Lead	206-1	906	989	911	935	4.98	cps
Lead	207-1	872	872	783	843	6.09	cps
Lead	208-1	3945	4250	4045	4080	3.82	cps
Lithium	6-1	2927398	2882868	2854458	2888241	1.27	cps
Magnesium	24-2	1300	1250	1100	1217	8.56	cps
Manganese	55-2	493	540	460	498	8.07	cps
Molybdenum	94-1	317	483	358	386	22.46	cps
Molybdenum	95-1	108	150	158	139	19.29	cps
Molybdenum	96-1	217	267	200	228	15.23	cps
Molybdenum	97-1	92	75	50	72	29.04	cps
Molybdenum	98-1	142	242	108	164	42.34	cps
Neodymium	150-1	13	33	20	22	45.83	cps
Neodymium	150-2	7	10	7	8	24.71	cps
Nickel	60-2	233	217	180	210	12.99	cps
Phosphorus	31-2	208	175	175	186	10.34	cps
Potassium	39-2	16760	16401	16819	16660	1.36	cps
Rhodium	103-1	7614399	7798992	7440537	7617976	2.35	cps
Rhodium	103-2	3396734	3491967	3342686	3410462	2.22	cps
Scandium	45-1	5879182	5840657	5803143	5840994	0.65	cps
Scandium	45-2	176218	175019	170768	174002	1.65	cps
Selenium	82-1	22	113	-13	41	160.77	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	36	45	42	41	11.18	cps
Silicon	28-1	626542	639082	628448	631358	1.07	cps
Silver	107-1	550	508	375	478	19.13	cps
Silver	109-1	550	467	417	478	14.10	cps
Sodium	23-2	31426	31936	31117	31493	1.31	cps
Strontium	86-1	2184	2409	2125	2239	6.68	cps
Strontium	88-1	4076	5285	4109	4490	15.33	cps
Sulfur	34-1	329291	331040	324991	328440	0.95	cps
Terbium	159-1	9496861	9833763	9443189	9591271	2.21	cps
Terbium	159-2	3986946	3912474	3821505	3906975	2.12	cps
Thallium	203-1	833	808	800	814	2.13	cps
Thallium	205-1	1759	2084	1850	1897	8.83	cps
Tin	118-1	3225	3050	2825	3034	6.61	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-12	Instrumnet Name :	P8
Client Sample ID :	C00X2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:21:46	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	533	492	583	536	8.56	cps
Uranium	238-1	25	58	42	42	40.00	cps
Vanadium	51-2	193	140	157	163	16.71	cps
Ytterbium	172-1	50	42	42	44	10.82	cps
Ytterbium	172-2	6	6	6	6	0.00	cps
Ytterbium	176-1	1008	700	908	872	18.04	cps
Ytterbium	176-2	5551	6068	5690	5770	4.64	cps
Yttrium	89-1	14730786	15131946	14940174	14934302	1.34	cps
Yttrium	89-2	1414122	1436662	1455042	1435275	1.43	cps
Zinc	66-2	1287	1340	1373	1333	3.28	cps
Zirconium	90-1	808	833	867	836	3.50	cps
Zirconium	91-1	217	283	225	242	15.03	cps

LB Number : LB117862 Operator : Jaswal
 Lab Sample ID : M5040-13 Instrumnet Name : P8
 Client Sample ID : C00X4 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-16 14:24:51 DataFile Name : 039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	954	955	994	967	2.35	cps
Antimony	121-1	367	200	325	297	29.18	cps
Arsenic	75-2	394	382	377	384	2.27	cps
Barium	135-1	117997	119652	117610	118420	0.92	cps
Barium	137-1	278895	275655	276969	277173	0.59	cps
Beryllium	9-1	188	178	162	176	7.45	cps
Bismuth	209-1	5614776	5757451	5434887	5602371	2.89	cps
Bismuth	209-2	2931675	2906267	2888191	2908711	0.75	cps
Boron	10-1	2958	3202	3400	3186	6.95	cps
Boron	11-1	15039	15653	16314	15669	4.07	cps
Bromine	81-1	26633	28920	30344	28632	6.54	cps
Cadmium	111-1	533	562	550	548	2.67	cps
Cadmium	106-1	3776	3517	3534	3609	4.01	cps
Cadmium	108-1	50	54	46	50	8.34	cps
Calcium	43-1	562184	566704	562475	563788	0.45	cps
Calcium	44-1	8828022	9008756	8861585	8899454	1.08	cps
Carbon	12-1	7315360	8142755	8472396	7976837	7.47	cps
Carbon	12-2	94111	94473	99195	95926	2.96	cps
Chlorine	35-1	1586455	1544983	1555770	1562403	1.38	cps
Chlorine	35-2	9387	9220	8820	9142	3.19	cps
Chromium	52-2	1483	1403	1397	1428	3.38	cps
Cobalt	59-2	730	577	590	632	13.44	cps
Copper	63-2	21470	20835	21136	21147	1.50	cps
Dysprosium	156-1	42	58	100	67	45.06	cps
Dysprosium	156-2	23	40	37	33	26.47	cps
Erbium	164-1	108	183	158	150	25.46	cps
Erbium	164-2	57	73	53	61	17.53	cps
Gadolinium	160-1	175	183	100	153	30.04	cps
Gadolinium	160-2	127	153	177	152	16.44	cps
Holmium	165-1	9637294	9453957	8972984	9354745	3.67	cps
Holmium	165-2	4011258	4184688	4033442	4076462	2.32	cps
Indium	115-1	8319682	8112579	8089645	8173968	1.55	cps
Indium	115-2	1109547	1113149	1088078	1103592	1.23	cps
Iron	54-2	611146	605654	624786	613862	1.60	cps
Iron	56-2	11188966	11013824	11203160	11135317	0.95	cps
Iron	57-2	278300	272811	275937	275682	1.00	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-13	Instrumnet Name :	P8
Client Sample ID :	C00X4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:24:51	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1140	1167	1093	1133	3.28	cps
Lead	206-1	900	1072	1095	1022	10.41	cps
Lead	207-1	989	822	906	906	9.20	cps
Lead	208-1	3745	3884	4011	3880	3.44	cps
Lithium	6-1	2919197	2851505	2900250	2890317	1.21	cps
Magnesium	24-2	1367133	1315535	1360074	1347581	2.08	cps
Manganese	55-2	389393	385283	380651	385109	1.14	cps
Molybdenum	94-1	850	900	717	822	11.53	cps
Molybdenum	95-1	658	767	642	689	9.85	cps
Molybdenum	96-1	1083	1192	1192	1156	5.41	cps
Molybdenum	97-1	508	425	300	411	25.51	cps
Molybdenum	98-1	983	1150	1050	1061	7.91	cps
Neodymium	150-1	53	120	160	111	48.50	cps
Neodymium	150-2	23	37	20	27	33.08	cps
Nickel	60-2	903	883	880	889	1.42	cps
Phosphorus	31-2	275	233	192	233	17.86	cps
Potassium	39-2	249708	237070	251491	246090	3.19	cps
Rhodium	103-1	7845359	7915927	7598173	7786486	2.14	cps
Rhodium	103-2	3400270	3442942	3421431	3421547	0.62	cps
Scandium	45-1	6044161	6003909	5805177	5951082	2.15	cps
Scandium	45-2	176813	177506	174925	176415	0.76	cps
Selenium	82-1	-94	-54	47	-34	-217.04	cps
Selenium	77-2	0	3	7	3	100.05	cps
Selenium	78-2	33	34	52	40	26.97	cps
Silicon	28-1	17770838	18926719	18584228	18427262	3.22	cps
Silver	107-1	225	233	208	222	5.73	cps
Silver	109-1	175	200	150	175	14.28	cps
Sodium	23-2	3350509	3297384	3407889	3351927	1.65	cps
Strontium	86-1	800700	814830	794498	803343	1.30	cps
Strontium	88-1	6857287	6943356	6739499	6846714	1.49	cps
Sulfur	34-1	1040680	879893	1049734	990102	9.65	cps
Terbium	159-1	10006402	9924479	9763953	9898278	1.25	cps
Terbium	159-2	4036856	4066692	3915576	4006375	2.00	cps
Thallium	203-1	700	700	750	717	4.03	cps
Thallium	205-1	1617	1500	1608	1575	4.13	cps
Tin	118-1	2692	2700	2659	2684	0.82	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-13	Instrumnet Name :	P8
Client Sample ID :	C00X4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:24:51	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	592	617	575	594	3.53	cps
Uranium	238-1	142	142	183	156	15.47	cps
Vanadium	51-2	120	120	123	121	1.59	cps
Ytterbium	172-1	42	75	83	67	33.07	cps
Ytterbium	172-2	39	61	28	43	39.84	cps
Ytterbium	176-1	1200	1300	1142	1214	6.60	cps
Ytterbium	176-2	5940	5679	6374	5998	5.85	cps
Yttrium	89-1	15537562	15756866	15373947	15556125	1.24	cps
Yttrium	89-2	1471530	1495131	1398547	1455069	3.46	cps
Zinc	66-2	897	783	843	841	6.74	cps
Zirconium	90-1	1383	1125	1350	1286	10.93	cps
Zirconium	91-1	192	292	308	264	23.91	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-14	Instrumnet Name :	P8
Client Sample ID :	C00X6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:27:49	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	530	602	639	590	9.38	cps
Antimony	121-1	183	175	100	153	30.04	cps
Arsenic	75-2	81	66	77	75	10.40	cps
Barium	135-1	63298	63910	63651	63620	0.48	cps
Barium	137-1	146161	149503	146474	147379	1.25	cps
Beryllium	9-1	162	230	160	184	21.66	cps
Bismuth	209-1	5641982	5443975	5442216	5509391	2.08	cps
Bismuth	209-2	2912653	3010165	2958975	2960598	1.65	cps
Boron	10-1	2978	3298	3204	3160	5.21	cps
Boron	11-1	15019	15831	15992	15614	3.34	cps
Bromine	81-1	26944	28088	30535	28522	6.43	cps
Cadmium	111-1	518	586	538	547	6.41	cps
Cadmium	106-1	3809	3759	3851	3806	1.21	cps
Cadmium	108-1	38	71	29	46	48.10	cps
Calcium	43-1	488720	494441	491442	491534	0.58	cps
Calcium	44-1	7864496	7876582	8144610	7961896	1.99	cps
Carbon	12-1	7446355	7786408	8313509	7848757	5.57	cps
Carbon	12-2	95537	94547	97022	95702	1.30	cps
Chlorine	35-1	1152560	1149561	1160128	1154083	0.47	cps
Chlorine	35-2	7227	6868	6852	6982	3.04	cps
Chromium	52-2	897	847	813	852	4.92	cps
Cobalt	59-2	240	250	250	247	2.34	cps
Copper	63-2	14721	14374	14581	14559	1.20	cps
Dysprosium	156-1	92	108	100	100	8.33	cps
Dysprosium	156-2	47	60	40	49	20.83	cps
Erbium	164-1	150	225	183	186	20.19	cps
Erbium	164-2	120	73	77	90	28.93	cps
Gadolinium	160-1	175	208	92	158	37.95	cps
Gadolinium	160-2	123	150	150	141	10.91	cps
Holmium	165-1	9340022	9234678	9309887	9294862	0.58	cps
Holmium	165-2	4018221	4204877	4099423	4107507	2.28	cps
Indium	115-1	8005312	8266572	7847756	8039880	2.63	cps
Indium	115-2	1097124	1110338	1130263	1112575	1.50	cps
Iron	54-2	368705	382470	376320	375832	1.83	cps
Iron	56-2	7150274	6970706	6902841	7007940	1.82	cps
Iron	57-2	171974	173355	176733	174021	1.41	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-14	Instrumnet Name :	P8
Client Sample ID :	C00X6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:27:49	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1090	1070	1030	1063	2.87	cps
Lead	206-1	1011	1000	1011	1007	0.64	cps
Lead	207-1	761	844	900	835	8.37	cps
Lead	208-1	3934	3989	3928	3950	0.86	cps
Lithium	6-1	2812901	2839600	2904789	2852430	1.66	cps
Magnesium	24-2	1191826	1189210	1151250	1177429	1.93	cps
Manganese	55-2	302993	294940	297333	298422	1.39	cps
Molybdenum	94-1	592	542	525	553	6.28	cps
Molybdenum	95-1	233	300	317	283	15.56	cps
Molybdenum	96-1	450	533	467	483	9.12	cps
Molybdenum	97-1	175	167	150	164	7.77	cps
Molybdenum	98-1	375	433	383	397	7.94	cps
Neodymium	150-1	60	60	60	60	0.00	cps
Neodymium	150-2	20	10	23	18	39.03	cps
Nickel	60-2	557	507	503	522	5.72	cps
Phosphorus	31-2	333	292	308	311	6.74	cps
Potassium	39-2	164991	162143	164805	163979	0.97	cps
Rhodium	103-1	7977098	7860455	7745112	7860888	1.48	cps
Rhodium	103-2	3463648	3388000	3438811	3430153	1.12	cps
Scandium	45-1	6120986	5998197	6046223	6055136	1.02	cps
Scandium	45-2	180079	179371	180276	179908	0.26	cps
Selenium	82-1	46	6	36	29	71.00	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	41	29	43	38	20.10	cps
Silicon	28-1	18569359	17708375	18726289	18334674	2.99	cps
Silver	107-1	225	7067	142	2478	160.40	cps
Silver	109-1	158	117	133	136	15.41	cps
Sodium	23-2	3743815	3797260	3637601	3726225	2.18	cps
Strontium	86-1	729532	749402	736954	738629	1.36	cps
Strontium	88-1	6143474	6182113	6261328	6195638	0.97	cps
Sulfur	34-1	906469	1066467	931170	968035	8.90	cps
Terbium	159-1	9872475	10013655	9802158	9896096	1.09	cps
Terbium	159-2	4142661	4087240	4148282	4126061	0.82	cps
Thallium	203-1	600	550	600	583	4.95	cps
Thallium	205-1	1725	1542	1625	1631	5.63	cps
Tin	118-1	2550	2584	2509	2548	1.48	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-14	Instrumnet Name :	P8
Client Sample ID :	C00X6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:27:49	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	533	567	725	608	16.83	cps
Uranium	238-1	142	100	83	108	27.73	cps
Vanadium	51-2	83	30	77	63	45.88	cps
Ytterbium	172-1	133	75	125	111	28.40	cps
Ytterbium	172-2	39	39	56	44	21.65	cps
Ytterbium	176-1	1042	1133	992	1056	6.81	cps
Ytterbium	176-2	5651	6263	6074	5996	5.22	cps
Yttrium	89-1	15148409	15322155	15192635	15221067	0.59	cps
Yttrium	89-2	1479616	1473445	1464339	1472466	0.52	cps
Zinc	66-2	530	563	530	541	3.56	cps
Zirconium	90-1	1150	1067	1117	1111	3.77	cps
Zirconium	91-1	275	167	258	233	25.00	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-15	Instrumnet Name :	P8
Client Sample ID :	C00X8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:30:49	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	806	742	719	756	5.99	cps
Antimony	121-1	200	167	192	186	9.32	cps
Arsenic	75-2	40	41	31	37	14.75	cps
Barium	135-1	78737	77439	78939	78372	1.04	cps
Barium	137-1	180438	180467	183850	181585	1.08	cps
Beryllium	9-1	214	198	204	205	3.94	cps
Bismuth	209-1	5592905	5530968	5537086	5553653	0.61	cps
Bismuth	209-2	2914447	2907016	2988798	2936754	1.54	cps
Boron	10-1	2398	2514	2620	2510	4.42	cps
Boron	11-1	11947	12549	12743	12413	3.35	cps
Bromine	81-1	24055	24988	25289	24777	2.60	cps
Cadmium	111-1	548	515	500	521	4.72	cps
Cadmium	106-1	3976	3759	3676	3803	4.07	cps
Cadmium	108-1	83	83	63	76	15.75	cps
Calcium	43-1	457273	458316	458826	458139	0.17	cps
Calcium	44-1	7078646	7191084	7292916	7187549	1.49	cps
Carbon	12-1	7838053	8440404	9115777	8464745	7.55	cps
Carbon	12-2	100463	106471	106461	104465	3.32	cps
Chlorine	35-1	935050	933804	936023	934959	0.12	cps
Chlorine	35-2	5535	5159	5376	5357	3.52	cps
Chromium	52-2	1463	1337	1370	1390	4.72	cps
Cobalt	59-2	8323	8713	8259	8432	2.91	cps
Copper	63-2	103628	104468	102830	103642	0.79	cps
Dysprosium	156-1	42	25	75	47	53.91	cps
Dysprosium	156-2	27	20	20	22	17.33	cps
Erbium	164-1	108	67	108	94	25.47	cps
Erbium	164-2	37	60	50	49	23.94	cps
Gadolinium	160-1	133	67	92	97	34.64	cps
Gadolinium	160-2	80	60	90	77	19.92	cps
Holmium	165-1	9531137	9298691	9395352	9408393	1.24	cps
Holmium	165-2	3980410	4158384	4334732	4157842	4.26	cps
Indium	115-1	8177517	7916062	7883568	7992382	2.02	cps
Indium	115-2	1090349	1102877	1132195	1108474	1.94	cps
Iron	54-2	486492	469481	478431	478135	1.78	cps
Iron	56-2	9023969	8956844	9241806	9074206	1.64	cps
Iron	57-2	225314	223592	224445	224450	0.38	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-15	Instrumnet Name :	P8
Client Sample ID :	C00X8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:30:49	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1163	1157	1163	1161	0.33	cps
Lead	206-1	794	900	1022	906	12.59	cps
Lead	207-1	878	767	811	819	6.83	cps
Lead	208-1	3506	3728	3928	3721	5.68	cps
Lithium	6-1	2858861	2863003	2783239	2835034	1.58	cps
Magnesium	24-2	1415978	1384157	1358375	1386170	2.08	cps
Manganese	55-2	660312	660152	658673	659712	0.14	cps
Molybdenum	94-1	733	692	733	719	3.34	cps
Molybdenum	95-1	575	658	492	575	14.49	cps
Molybdenum	96-1	933	1008	892	945	6.26	cps
Molybdenum	97-1	350	417	375	381	8.85	cps
Molybdenum	98-1	933	967	858	919	6.04	cps
Neodymium	150-1	107	120	87	104	16.06	cps
Neodymium	150-2	23	20	13	19	26.96	cps
Nickel	60-2	2567	2394	2480	2480	3.49	cps
Phosphorus	31-2	358	250	283	297	18.67	cps
Potassium	39-2	200811	202327	200501	201213	0.49	cps
Rhodium	103-1	7555572	7696332	7849210	7700371	1.91	cps
Rhodium	103-2	3207407	3370270	3569627	3382435	5.36	cps
Scandium	45-1	5808841	5817682	6039571	5888698	2.22	cps
Scandium	45-2	175310	176123	183558	178331	2.55	cps
Selenium	82-1	-51	-77	-70	-66	-20.52	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	30	34	42	35	17.29	cps
Silicon	28-1	25067833	25235558	25293856	25199083	0.47	cps
Silver	107-1	192	175	183	183	4.54	cps
Silver	109-1	117	100	183	133	33.07	cps
Sodium	23-2	3364072	3444942	3226273	3345096	3.31	cps
Strontium	86-1	612865	591430	616318	606871	2.22	cps
Strontium	88-1	5259825	5100374	5286367	5215522	1.93	cps
Sulfur	34-1	1148504	1164625	1207511	1173547	2.60	cps
Terbium	159-1	9577007	9625421	9807978	9670135	1.26	cps
Terbium	159-2	3891907	4062915	4123245	4026022	2.98	cps
Thallium	203-1	567	625	650	614	6.97	cps
Thallium	205-1	1483	1483	1567	1511	3.18	cps
Tin	118-1	2509	2400	2684	2531	5.65	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-15	Instrumnet Name :	P8
Client Sample ID :	C00X8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:30:49	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1042	783	808	878	16.24	cps
Uranium	238-1	392	492	517	467	14.17	cps
Vanadium	51-2	73	80	50	68	23.24	cps
Ytterbium	172-1	75	67	33	58	37.80	cps
Ytterbium	172-2	0	28	39	22	90.14	cps
Ytterbium	176-1	883	1125	875	961	14.77	cps
Ytterbium	176-2	5435	5707	6324	5822	7.83	cps
Yttrium	89-1	15349441	15226730	15201220	15259130	0.52	cps
Yttrium	89-2	1426873	1455420	1488858	1457050	2.13	cps
Zinc	66-2	760	810	737	769	4.87	cps
Zirconium	90-1	1142	1083	1025	1083	5.38	cps
Zirconium	91-1	283	300	242	275	10.93	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-16	Instrumnet Name :	P8
Client Sample ID :	C00Y0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:33:46	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1477	1224	1301	1334	9.75	cps
Antimony	121-1	183	108	200	164	29.79	cps
Arsenic	75-2	134	92	83	103	26.43	cps
Barium	135-1	196226	197217	195703	196382	0.39	cps
Barium	137-1	458834	457011	455413	457086	0.37	cps
Beryllium	9-1	192	174	188	185	5.12	cps
Bismuth	209-1	5463676	5538376	5585869	5529307	1.11	cps
Bismuth	209-2	2937056	2856397	2897278	2896910	1.39	cps
Boron	10-1	2782	2952	3028	2920	4.31	cps
Boron	11-1	13326	13976	14727	14009	5.00	cps
Bromine	81-1	36495	39476	44757	40243	10.40	cps
Cadmium	111-1	523	565	502	530	6.01	cps
Cadmium	106-1	3551	3492	3626	3556	1.88	cps
Cadmium	108-1	42	50	46	46	9.09	cps
Calcium	43-1	269399	267384	268861	268548	0.39	cps
Calcium	44-1	4339262	4338979	4297772	4325338	0.55	cps
Carbon	12-1	7884003	8578898	8825985	8429629	5.79	cps
Carbon	12-2	95302	97088	99682	97357	2.26	cps
Chlorine	35-1	911043	901528	936436	916336	1.97	cps
Chlorine	35-2	5301	6010	5101	5471	8.73	cps
Chromium	52-2	1107	1077	1150	1111	3.32	cps
Cobalt	59-2	387	360	417	388	7.31	cps
Copper	63-2	2130	2044	2140	2105	2.53	cps
Dysprosium	156-1	183	183	133	167	17.32	cps
Dysprosium	156-2	80	90	87	86	5.95	cps
Erbium	164-1	267	225	175	222	20.65	cps
Erbium	164-2	123	103	93	107	14.33	cps
Gadolinium	160-1	292	317	292	300	4.81	cps
Gadolinium	160-2	160	170	203	178	12.76	cps
Holmium	165-1	9397468	9448313	9278252	9374678	0.93	cps
Holmium	165-2	4035308	4022156	4060891	4039451	0.49	cps
Indium	115-1	8144675	8148189	7844463	8045776	2.17	cps
Indium	115-2	1098213	1074524	1113615	1095451	1.80	cps
Iron	54-2	1130186	1153946	1124018	1136050	1.39	cps
Iron	56-2	21058292	20807673	20783904	20883290	0.73	cps
Iron	57-2	518129	521403	504487	514673	1.74	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-16	Instrumnet Name :	P8
Client Sample ID :	C00Y0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:33:46	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1113	1073	1097	1095	1.84	cps
Lead	206-1	906	739	911	852	11.49	cps
Lead	207-1	700	783	739	741	5.63	cps
Lead	208-1	3322	3384	3550	3419	3.45	cps
Lithium	6-1	2966951	2851119	2836043	2884704	2.48	cps
Magnesium	24-2	859283	886043	834089	859805	3.02	cps
Manganese	55-2	694606	681521	695246	690458	1.12	cps
Molybdenum	94-1	575	825	767	722	18.11	cps
Molybdenum	95-1	567	467	417	483	15.80	cps
Molybdenum	96-1	1033	917	1033	995	6.77	cps
Molybdenum	97-1	275	233	275	261	9.21	cps
Molybdenum	98-1	667	567	750	661	13.89	cps
Neodymium	150-1	133	113	100	116	14.52	cps
Neodymium	150-2	27	27	27	27	0.00	cps
Nickel	60-2	1020	1023	987	1010	2.01	cps
Phosphorus	31-2	433	317	275	342	24.02	cps
Potassium	39-2	161298	164500	161017	162272	1.19	cps
Rhodium	103-1	7841405	7792249	7563308	7732321	1.92	cps
Rhodium	103-2	3380859	3369815	3483898	3411524	1.84	cps
Scandium	45-1	5911869	6151175	5965468	6009504	2.09	cps
Scandium	45-2	177320	174155	181224	177566	1.99	cps
Selenium	82-1	-23	5	-10	-9	-146.33	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	30	32	38	33	12.49	cps
Silicon	28-1	17860852	18423783	18174732	18153122	1.55	cps
Silver	107-1	142	142	117	133	10.83	cps
Silver	109-1	125	67	92	94	30.98	cps
Sodium	23-2	4621687	4669961	4455869	4582506	2.45	cps
Strontium	86-1	230471	234658	231067	232065	0.98	cps
Strontium	88-1	2025013	1978585	1987216	1996938	1.24	cps
Sulfur	34-1	680199	686072	684271	683514	0.44	cps
Terbium	159-1	9928124	9945912	9852457	9908831	0.50	cps
Terbium	159-2	3995669	3970121	4049867	4005219	1.02	cps
Thallium	203-1	608	783	683	692	12.69	cps
Thallium	205-1	1533	1408	1525	1489	4.69	cps
Tin	118-1	2450	2409	2409	2422	0.99	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-16	Instrumnet Name :	P8
Client Sample ID :	C00Y0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:33:46	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	683	925	567	725	25.22	cps
Uranium	238-1	92	125	250	156	53.66	cps
Vanadium	51-2	130	190	157	159	18.92	cps
Ytterbium	172-1	142	92	108	114	22.35	cps
Ytterbium	172-2	50	67	83	67	25.00	cps
Ytterbium	176-1	1192	1292	783	1089	24.73	cps
Ytterbium	176-2	5646	5840	6207	5898	4.83	cps
Yttrium	89-1	15271844	15198408	15498237	15322830	1.02	cps
Yttrium	89-2	1438925	1416214	1477672	1444271	2.15	cps
Zinc	66-2	1257	1250	1233	1247	0.96	cps
Zirconium	90-1	1718	1200	1442	1453	17.83	cps
Zirconium	91-1	283	300	417	333	21.80	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-17	Instrumnet Name :	P8
Client Sample ID :	C00Y2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:36:47	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	177	167	179	175	3.53	cps
Antimony	121-1	125	133	92	117	18.90	cps
Arsenic	75-2	8	7	8	8	7.53	cps
Barium	135-1	142	175	125	147	17.30	cps
Barium	137-1	302	438	225	322	33.60	cps
Beryllium	9-1	164	122	152	146	14.82	cps
Bismuth	209-1	5429962	5417571	5565230	5470921	1.50	cps
Bismuth	209-2	2907351	2918468	2961636	2929152	0.98	cps
Boron	10-1	872	842	840	851	2.11	cps
Boron	11-1	4398	4212	3854	4154	6.66	cps
Bromine	81-1	22190	23283	22401	22625	2.56	cps
Cadmium	111-1	487	575	472	511	10.90	cps
Cadmium	106-1	3476	3834	3467	3592	5.83	cps
Cadmium	108-1	42	75	42	53	36.46	cps
Calcium	43-1	626	635	675	645	4.03	cps
Calcium	44-1	26659	26172	26213	26348	1.02	cps
Carbon	12-1	7066126	7411556	8037545	7505076	6.56	cps
Carbon	12-2	88360	90421	89441	89407	1.15	cps
Chlorine	35-1	774891	756101	751358	760783	1.64	cps
Chlorine	35-2	4676	4459	4392	4509	3.29	cps
Chromium	52-2	1357	1367	1493	1406	5.42	cps
Cobalt	59-2	87	57	87	77	22.59	cps
Copper	63-2	863	1207	1013	1028	16.75	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	42	67	108	72	46.63	cps
Erbium	164-2	20	17	30	22	31.22	cps
Gadolinium	160-1	25	50	42	39	32.73	cps
Gadolinium	160-2	93	50	80	74	29.81	cps
Holmium	165-1	8949433	9185950	9265011	9133465	1.80	cps
Holmium	165-2	3985748	4160287	4252958	4132998	3.28	cps
Indium	115-1	7840034	8165612	8028138	8011261	2.04	cps
Indium	115-2	1086041	1088451	1136643	1103712	2.59	cps
Iron	54-2	1133	1072	1178	1128	4.70	cps
Iron	56-2	14997	13896	16888	15260	9.92	cps
Iron	57-2	394	483	506	461	12.75	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-17	Instrumnet Name :	P8
Client Sample ID :	C00Y2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:36:47	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1240	1100	1127	1156	6.43	cps
Lead	206-1	1011	1056	1006	1024	2.68	cps
Lead	207-1	983	978	922	961	3.52	cps
Lead	208-1	4095	4106	4078	4093	0.34	cps
Lithium	6-1	2811159	2853404	2827414	2830659	0.75	cps
Magnesium	24-2	1067	850	1125	1014	14.29	cps
Manganese	55-2	393	403	510	436	14.85	cps
Molybdenum	94-1	417	267	408	364	23.17	cps
Molybdenum	95-1	67	83	117	89	28.64	cps
Molybdenum	96-1	233	267	167	222	22.91	cps
Molybdenum	97-1	50	75	50	58	24.74	cps
Molybdenum	98-1	183	167	117	156	22.30	cps
Neodymium	150-1	0	13	13	9	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	293	247	280	273	8.79	cps
Phosphorus	31-2	183	150	100	144	29.04	cps
Potassium	39-2	15367	15600	16568	15845	4.02	cps
Rhodium	103-1	7496283	7688972	7577394	7587550	1.28	cps
Rhodium	103-2	3361274	3349844	3529073	3413397	2.94	cps
Scandium	45-1	5843212	5908683	5825261	5859052	0.75	cps
Scandium	45-2	173573	176133	185903	178536	3.64	cps
Selenium	82-1	-223	-21	-2	-82	-149.01	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	45	39	39	41	8.45	cps
Silicon	28-1	586413	587887	587335	587212	0.13	cps
Silver	107-1	83	92	242	139	64.16	cps
Silver	109-1	83	133	133	117	24.74	cps
Sodium	23-2	15016	14866	15976	15286	3.94	cps
Strontium	86-1	2050	2059	1992	2034	1.79	cps
Strontium	88-1	1792	1792	1742	1775	1.63	cps
Sulfur	34-1	347333	343188	347187	345903	0.68	cps
Terbium	159-1	9556680	9573562	9825802	9652015	1.56	cps
Terbium	159-2	3871998	3923861	4217115	4004325	4.65	cps
Thallium	203-1	583	417	583	528	18.23	cps
Thallium	205-1	1433	1442	1500	1458	2.49	cps
Tin	118-1	2842	2400	3652	2965	21.41	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-17	Instrumnet Name :	P8
Client Sample ID :	C00Y2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:36:47	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	350	308	283	314	10.73	cps
Uranium	238-1	8	33	25	22	57.29	cps
Vanadium	51-2	23	23	33	27	21.65	cps
Ytterbium	172-1	25	42	25	31	31.50	cps
Ytterbium	172-2	6	22	11	13	65.44	cps
Ytterbium	176-1	1125	1017	1092	1078	5.15	cps
Ytterbium	176-2	5640	6074	6263	5992	5.33	cps
Yttrium	89-1	14777661	15097555	15048691	14974636	1.15	cps
Yttrium	89-2	1425417	1439289	1538058	1467588	4.19	cps
Zinc	66-2	630	630	633	631	0.30	cps
Zirconium	90-1	742	750	700	731	3.67	cps
Zirconium	91-1	108	192	183	161	28.49	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-18	Instrumnet Name :	P8
Client Sample ID :	C00Y4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:39:50	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1626	1514	1705	1615	5.95	cps
Antimony	121-1	183	250	175	203	20.27	cps
Arsenic	75-2	48	40	39	42	11.67	cps
Barium	135-1	155868	157519	154528	155972	0.96	cps
Barium	137-1	363227	371523	364297	366349	1.23	cps
Beryllium	9-1	206	180	164	183	11.56	cps
Bismuth	209-1	5460803	5182644	5671533	5438327	4.51	cps
Bismuth	209-2	2953810	2871220	2843644	2889558	1.98	cps
Boron	10-1	3146	3434	3498	3359	5.58	cps
Boron	11-1	15081	16130	17029	16080	6.06	cps
Bromine	81-1	43342	48795	51527	47888	8.70	cps
Cadmium	111-1	575	456	503	511	11.72	cps
Cadmium	106-1	3959	3417	3901	3759	7.91	cps
Cadmium	108-1	33	67	50	50	33.34	cps
Calcium	43-1	365456	374616	371478	370517	1.26	cps
Calcium	44-1	6009636	5917590	5908438	5945221	0.94	cps
Carbon	12-1	7376115	8001470	8582681	7986755	7.56	cps
Carbon	12-2	96745	98556	95697	96999	1.49	cps
Chlorine	35-1	784612	819686	814277	806192	2.34	cps
Chlorine	35-2	5159	5268	5201	5209	1.05	cps
Chromium	52-2	1437	1273	1437	1382	6.82	cps
Cobalt	59-2	380	337	383	367	7.10	cps
Copper	63-2	29651	31051	30894	30532	2.51	cps
Dysprosium	156-1	117	75	150	114	33.00	cps
Dysprosium	156-2	43	30	20	31	37.62	cps
Erbium	164-1	158	208	167	178	15.07	cps
Erbium	164-2	97	97	73	89	15.16	cps
Gadolinium	160-1	158	158	117	144	16.66	cps
Gadolinium	160-2	83	133	127	114	23.73	cps
Holmium	165-1	9272445	8929283	9836984	9346238	4.90	cps
Holmium	165-2	3960978	4195364	4097224	4084522	2.88	cps
Indium	115-1	8023370	7816931	8124720	7988340	1.96	cps
Indium	115-2	1100791	1110505	1112132	1107809	0.55	cps
Iron	54-2	460925	461943	461427	461432	0.11	cps
Iron	56-2	8491414	8633645	8270358	8465139	2.16	cps
Iron	57-2	207781	209212	209423	208805	0.43	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-18	Instrumnet Name :	P8
Client Sample ID :	C00Y4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:39:50	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1153	1070	1243	1156	7.50	cps
Lead	206-1	1039	1167	1039	1082	6.82	cps
Lead	207-1	900	911	889	900	1.23	cps
Lead	208-1	4023	4767	4084	4291	9.63	cps
Lithium	6-1	2847352	2755945	2919959	2841085	2.89	cps
Magnesium	24-2	998645	992826	991302	994258	0.39	cps
Manganese	55-2	273275	270723	265163	269720	1.54	cps
Molybdenum	94-1	667	583	758	669	13.08	cps
Molybdenum	95-1	200	217	142	186	21.16	cps
Molybdenum	96-1	525	683	558	589	14.18	cps
Molybdenum	97-1	92	92	150	111	30.31	cps
Molybdenum	98-1	208	250	308	256	19.66	cps
Neodymium	150-1	127	113	107	116	8.81	cps
Neodymium	150-2	27	13	17	19	36.75	cps
Nickel	60-2	903	793	947	881	8.97	cps
Phosphorus	31-2	333	242	367	314	20.62	cps
Potassium	39-2	179798	180903	176652	179118	1.23	cps
Rhodium	103-1	7699550	7511345	7965237	7725377	2.95	cps
Rhodium	103-2	3451501	3505129	3400550	3452393	1.51	cps
Scandium	45-1	5930114	5761965	6166164	5952748	3.41	cps
Scandium	45-2	180318	177041	180037	179132	1.01	cps
Selenium	82-1	-83	91	-90	-27	-378.45	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	46	40	39	42	9.09	cps
Silicon	28-1	20730241	20730750	21080710	20847234	0.97	cps
Silver	107-1	100	83	125	103	20.40	cps
Silver	109-1	92	50	75	72	29.04	cps
Sodium	23-2	6659352	6741517	6517796	6639555	1.70	cps
Strontium	86-1	478351	482158	477688	479399	0.50	cps
Strontium	88-1	4100613	4120893	4198564	4140023	1.25	cps
Sulfur	34-1	819633	830846	812017	820832	1.15	cps
Terbium	159-1	9513199	9672239	9851877	9679105	1.75	cps
Terbium	159-2	3991818	4084722	3937638	4004726	1.86	cps
Thallium	203-1	508	675	633	606	14.32	cps
Thallium	205-1	1517	1283	1425	1408	8.35	cps
Tin	118-1	3451	3009	3300	3253	6.91	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-18	Instrumnet Name :	P8
Client Sample ID :	C00Y4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:39:50	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1075	833	725	878	20.41	cps
Uranium	238-1	267	175	217	219	20.91	cps
Vanadium	51-2	103	133	100	112	16.36	cps
Ytterbium	172-1	183	233	208	208	12.00	cps
Ytterbium	172-2	94	89	128	104	20.28	cps
Ytterbium	176-1	1133	1067	1092	1097	3.07	cps
Ytterbium	176-2	5885	5913	6491	6096	5.61	cps
Yttrium	89-1	15224838	14516630	15673233	15138234	3.85	cps
Yttrium	89-2	1471839	1493251	1462949	1476013	1.06	cps
Zinc	66-2	740	757	640	712	8.86	cps
Zirconium	90-1	1884	1475	1642	1667	12.32	cps
Zirconium	91-1	308	392	350	350	11.91	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-19	Instrumnet Name :	P8
Client Sample ID :	C00Y6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:42:50	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10704	10361	10531	10532	1.63	cps
Antimony	121-1	9404	9295	9153	9284	1.35	cps
Arsenic	75-2	1251	1315	1289	1285	2.51	cps
Barium	135-1	208391	210242	211747	210127	0.80	cps
Barium	137-1	474350	487263	495947	485853	2.24	cps
Beryllium	9-1	188	224	194	202	9.55	cps
Bismuth	209-1	5324186	5280426	5434398	5346337	1.48	cps
Bismuth	209-2	2964672	2862448	2825418	2884179	2.50	cps
Boron	10-1	4812	5352	5176	5113	5.39	cps
Boron	11-1	23226	25095	26252	24858	6.14	cps
Bromine	81-1	44868	47369	51327	47854	6.81	cps
Cadmium	111-1	507	542	481	510	6.01	cps
Cadmium	106-1	3742	3784	3759	3762	0.56	cps
Cadmium	108-1	29	54	58	47	33.40	cps
Calcium	43-1	706104	727411	712120	715212	1.54	cps
Calcium	44-1	11369594	11842359	11366011	11525988	2.38	cps
Carbon	12-1	7865091	8671873	8931365	8489443	6.55	cps
Carbon	12-2	99287	103709	99881	100959	2.38	cps
Chlorine	35-1	750594	757436	759148	755726	0.60	cps
Chlorine	35-2	4668	4367	4126	4387	6.19	cps
Chromium	52-2	2387	2384	2360	2377	0.61	cps
Cobalt	59-2	55036	56867	56441	56115	1.71	cps
Copper	63-2	59759	59421	58126	59102	1.46	cps
Dysprosium	156-1	892	758	658	770	15.22	cps
Dysprosium	156-2	293	350	307	317	9.36	cps
Erbium	164-1	625	775	708	703	10.69	cps
Erbium	164-2	290	290	350	310	11.17	cps
Gadolinium	160-1	775	792	875	814	6.58	cps
Gadolinium	160-2	437	407	437	427	4.06	cps
Holmium	165-1	9282231	8947100	9490024	9239785	2.96	cps
Holmium	165-2	4183431	4159326	3993118	4111959	2.52	cps
Indium	115-1	8097659	7887083	7995502	7993415	1.32	cps
Indium	115-2	1115717	1104576	1102055	1107450	0.66	cps
Iron	54-2	611684	617295	616420	615133	0.49	cps
Iron	56-2	11662089	11149683	11064550	11292107	2.86	cps
Iron	57-2	276407	273522	277404	275778	0.73	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-19	Instrumnet Name :	P8
Client Sample ID :	C00Y6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:42:50	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1170	1197	1193	1187	1.22	cps
Lead	206-1	3912	3962	4051	3975	1.77	cps
Lead	207-1	3317	2934	3706	3319	11.64	cps
Lead	208-1	15170	14993	15782	15315	2.70	cps
Lithium	6-1	2883734	2850013	2912593	2882113	1.09	cps
Magnesium	24-2	1258111	1259083	1230196	1249130	1.31	cps
Manganese	55-2	414846	418592	410303	414580	1.00	cps
Molybdenum	94-1	4451	4426	4342	4406	1.29	cps
Molybdenum	95-1	5226	5276	4859	5121	4.44	cps
Molybdenum	96-1	6252	6218	6443	6304	1.93	cps
Molybdenum	97-1	3209	3484	3275	3323	4.32	cps
Molybdenum	98-1	8119	7986	8286	8130	1.85	cps
Neodymium	150-1	1107	800	907	938	16.60	cps
Neodymium	150-2	290	293	240	274	10.89	cps
Nickel	60-2	23299	23306	22585	23063	1.80	cps
Phosphorus	31-2	325	517	317	386	29.30	cps
Potassium	39-2	431909	424453	433489	429950	1.12	cps
Rhodium	103-1	7668416	7569042	7653337	7630265	0.70	cps
Rhodium	103-2	3383082	3394284	3478157	3418508	1.52	cps
Scandium	45-1	6014295	5977580	6090629	6027501	0.96	cps
Scandium	45-2	176229	178420	175014	176554	0.98	cps
Selenium	82-1	-66	-105	-38	-70	-48.46	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	50	28	40	39	28.01	cps
Silicon	28-1	19929943	20698566	19491617	20040042	3.05	cps
Silver	107-1	175	117	200	164	26.09	cps
Silver	109-1	42	67	117	75	50.92	cps
Sodium	23-2	3680134	3823840	3705549	3736508	2.05	cps
Strontium	86-1	727922	744856	746554	739778	1.39	cps
Strontium	88-1	6122980	6363553	6477742	6321425	2.86	cps
Sulfur	34-1	572193	564961	560626	565927	1.03	cps
Terbium	159-1	9811568	9816827	9874434	9834276	0.35	cps
Terbium	159-2	3966982	4022677	3905904	3965188	1.47	cps
Thallium	203-1	1650	1617	1575	1614	2.33	cps
Thallium	205-1	3434	3809	3834	3692	6.07	cps
Tin	118-1	9112	9529	9145	9262	2.50	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-19	Instrumnet Name :	P8
Client Sample ID :	C00Y6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:42:50	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2534	2784	2967	2761	7.88	cps
Uranium	238-1	15351	15668	15402	15474	1.10	cps
Vanadium	51-2	1033	967	1000	1000	3.33	cps
Ytterbium	172-1	208	242	258	236	10.78	cps
Ytterbium	172-2	83	122	100	102	19.16	cps
Ytterbium	176-1	1042	1217	1167	1142	7.90	cps
Ytterbium	176-2	5468	6124	6374	5988	7.81	cps
Yttrium	89-1	15458501	15224378	15656671	15446517	1.40	cps
Yttrium	89-2	1444951	1484091	1438152	1455731	1.70	cps
Zinc	66-2	1940	1887	1940	1922	1.60	cps
Zirconium	90-1	4134	4259	3859	4084	5.01	cps
Zirconium	91-1	883	1000	800	895	11.23	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-20	Instrumnet Name :	P8
Client Sample ID :	C00Y8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:45:49	DataFile Name :	046AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1885	1752	2059	1899	8.09	cps
Antimony	121-1	533	617	492	547	11.63	cps
Arsenic	75-2	30	27	24	27	11.11	cps
Barium	135-1	22077	23121	23196	22798	2.74	cps
Barium	137-1	52546	53415	53041	53001	0.82	cps
Beryllium	9-1	176	150	154	160	8.75	cps
Bismuth	209-1	5635043	5665826	5400469	5567113	2.61	cps
Bismuth	209-2	2927200	2799687	2950933	2892607	2.81	cps
Boron	10-1	2098	2106	2094	2099	0.29	cps
Boron	11-1	10200	10208	10083	10164	0.68	cps
Bromine	81-1	34027	36906	35422	35451	4.06	cps
Cadmium	111-1	519	527	523	523	0.76	cps
Cadmium	106-1	3784	3626	3684	3698	2.17	cps
Cadmium	108-1	75	79	33	63	40.56	cps
Calcium	43-1	393062	396431	398613	396035	0.71	cps
Calcium	44-1	6345679	6277199	6420901	6347926	1.13	cps
Carbon	12-1	7419292	8232435	8242473	7964733	5.93	cps
Carbon	12-2	96461	94288	99387	96712	2.65	cps
Chlorine	35-1	631619	635819	635354	634264	0.36	cps
Chlorine	35-2	3342	3834	3467	3548	7.20	cps
Chromium	52-2	1107	1160	1183	1150	3.42	cps
Cobalt	59-2	813	747	737	766	5.44	cps
Copper	63-2	2540	2560	2707	2602	3.50	cps
Dysprosium	156-1	50	42	100	64	49.38	cps
Dysprosium	156-2	17	23	17	19	20.36	cps
Erbium	164-1	125	125	100	117	12.37	cps
Erbium	164-2	57	47	33	46	25.70	cps
Gadolinium	160-1	100	83	67	83	20.00	cps
Gadolinium	160-2	120	60	67	82	39.99	cps
Holmium	165-1	9703369	9380665	9348921	9477652	2.07	cps
Holmium	165-2	4197765	3962603	4169559	4109976	3.12	cps
Indium	115-1	8397503	8115783	7910713	8141333	3.00	cps
Indium	115-2	1113168	1060128	1122721	1098673	3.07	cps
Iron	54-2	11260	11677	11805	11581	2.46	cps
Iron	56-2	204828	211000	203970	206599	1.86	cps
Iron	57-2	6057	5718	5607	5794	4.05	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-20	Instrumnet Name :	P8
Client Sample ID :	C00Y8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:45:49	DataFile Name :	046AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1017	1030	1003	1017	1.31	cps
Lead	206-1	1228	1178	1272	1226	3.85	cps
Lead	207-1	1011	989	1011	1004	1.28	cps
Lead	208-1	4361	4795	4784	4647	5.32	cps
Lithium	6-1	3055802	2883786	3106446	3015345	3.87	cps
Magnesium	24-2	884562	892453	855036	877350	2.25	cps
Manganese	55-2	38679	38251	37981	38304	0.92	cps
Molybdenum	94-1	675	675	700	683	2.11	cps
Molybdenum	95-1	425	408	567	467	18.64	cps
Molybdenum	96-1	575	625	675	625	8.00	cps
Molybdenum	97-1	267	308	283	286	7.33	cps
Molybdenum	98-1	792	858	792	814	4.73	cps
Neodymium	150-1	93	60	73	76	22.21	cps
Neodymium	150-2	20	17	23	20	16.65	cps
Nickel	60-2	1017	993	1027	1012	1.69	cps
Phosphorus	31-2	267	175	192	211	23.13	cps
Potassium	39-2	181169	182576	180540	181428	0.57	cps
Rhodium	103-1	7820814	7826394	7804315	7817175	0.15	cps
Rhodium	103-2	3445742	3264641	3439774	3383386	3.04	cps
Scandium	45-1	6303031	6251130	6158178	6237447	1.18	cps
Scandium	45-2	180959	169193	176594	175582	3.39	cps
Selenium	82-1	111	111	125	116	7.15	cps
Selenium	77-2	10	0	3	4	114.60	cps
Selenium	78-2	25	39	27	30	24.96	cps
Silicon	28-1	14217976	14306902	13938988	14154622	1.36	cps
Silver	107-1	142	125	175	147	17.29	cps
Silver	109-1	100	58	108	89	30.13	cps
Sodium	23-2	625093	629442	627568	627368	0.35	cps
Strontium	86-1	272637	269936	273787	272120	0.73	cps
Strontium	88-1	2359412	2333281	2344670	2345788	0.56	cps
Sulfur	34-1	743298	759569	745495	749454	1.18	cps
Terbium	159-1	9820254	9814361	9950826	9861813	0.78	cps
Terbium	159-2	4055634	3831140	4075616	3987463	3.40	cps
Thallium	203-1	625	700	725	683	7.62	cps
Thallium	205-1	1425	1617	1483	1508	6.51	cps
Tin	118-1	3567	3826	3392	3595	6.07	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-20	Instrumnet Name :	P8
Client Sample ID :	C00Y8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:45:49	DataFile Name :	046AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	775	750	825	783	4.88	cps
Uranium	238-1	358	333	300	331	8.85	cps
Vanadium	51-2	143	127	127	132	7.28	cps
Ytterbium	172-1	58	75	42	58	28.57	cps
Ytterbium	172-2	33	6	28	22	66.13	cps
Ytterbium	176-1	1017	875	1042	978	9.19	cps
Ytterbium	176-2	5724	5751	6185	5887	4.39	cps
Yttrium	89-1	15753495	15224509	14903759	15293921	2.81	cps
Yttrium	89-2	1485399	1386311	1509969	1460560	4.48	cps
Zinc	66-2	730	817	870	806	8.77	cps
Zirconium	90-1	1425	1283	1225	1311	7.84	cps
Zirconium	91-1	175	175	192	181	5.33	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	CCV066	Instrumnet Name :	P8
Client Sample ID :	CCV066	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:53:41	DataFile Name :	048CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1990667	1945881	1957487	1964678	1.18	cps
Antimony	121-1	2330398	2386196	2405377	2373990	1.64	cps
Arsenic	75-2	65578	65830	65698	65702	0.19	cps
Barium	135-1	3226217	3207150	3227153	3220173	0.35	cps
Barium	137-1	7360160	7517724	7405505	7427796	1.09	cps
Beryllium	9-1	649924	664283	660709	658305	1.14	cps
Bismuth	209-1	5280153	5368396	5289026	5312525	0.91	cps
Bismuth	209-2	2730737	2764483	2799490	2764903	1.24	cps
Boron	10-1	63663	67164	69802	66876	4.60	cps
Boron	11-1	303858	316819	325713	315463	3.48	cps
Bromine	81-1	18892	19925	19995	19604	3.15	cps
Cadmium	111-1	560670	584249	566097	570339	2.17	cps
Cadmium	106-1	67013	67734	67968	67572	0.74	cps
Cadmium	108-1	44413	44668	45450	44844	1.21	cps
Calcium	43-1	4541407	4526183	4556295	4541295	0.33	cps
Calcium	44-1	73726814	70690496	72215371	72210894	2.10	cps
Carbon	12-1	5750317	6225830	6103556	6026568	4.10	cps
Carbon	12-2	71752	70932	72589	71757	1.15	cps
Chlorine	35-1	481885	475537	485572	480998	1.06	cps
Chlorine	35-2	2517	2967	2475	2653	10.28	cps
Chromium	52-2	729826	727284	725480	727530	0.30	cps
Cobalt	59-2	1303706	1316707	1341577	1320663	1.46	cps
Copper	63-2	10113834	10050986	9881922	10015581	1.20	cps
Dysprosium	156-1	792	692	683	722	8.35	cps
Dysprosium	156-2	340	303	333	326	6.00	cps
Erbium	164-1	300	250	300	283	10.19	cps
Erbium	164-2	67	90	97	84	18.65	cps
Gadolinium	160-1	508	592	667	589	13.45	cps
Gadolinium	160-2	423	380	380	394	6.34	cps
Holmium	165-1	9268592	9422737	9582507	9424612	1.67	cps
Holmium	165-2	4041902	4125911	4145565	4104459	1.34	cps
Indium	115-1	7778398	7820819	7876521	7825246	0.63	cps
Indium	115-2	1050595	1068504	1084053	1067717	1.57	cps
Iron	54-2	7634001	7706627	7470931	7603853	1.59	cps
Iron	56-2	138643095	134025322	135184722	135951047	1.77	cps
Iron	57-2	3501092	3513723	3510439	3508418	0.19	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	CCV066	Instrumnet Name :	P8
Client Sample ID :	CCV066	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:53:41	DataFile Name :	048CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	993	1150	1090	1078	7.33	cps
Lead	206-1	8758189	9365958	8812637	8978928	3.75	cps
Lead	207-1	7790485	8188025	7733623	7904044	3.13	cps
Lead	208-1	35227381	36808021	35332232	35789211	2.47	cps
Lithium	6-1	2936579	2945260	3011210	2964350	1.38	cps
Magnesium	24-2	29321748	28059410	28025058	28468738	2.60	cps
Manganese	55-2	3653258	3556348	3515729	3575112	1.98	cps
Molybdenum	94-1	10265020	10219459	10216448	10233642	0.27	cps
Molybdenum	95-1	14959518	14900327	15025700	14961848	0.42	cps
Molybdenum	96-1	16518276	16318446	16500667	16445796	0.67	cps
Molybdenum	97-1	9134719	9279555	9211115	9208463	0.79	cps
Molybdenum	98-1	23770577	24440905	23748176	23986552	1.64	cps
Neodymium	150-1	500	500	567	522	7.37	cps
Neodymium	150-2	90	100	103	98	7.10	cps
Nickel	60-2	359928	358972	356523	358475	0.49	cps
Phosphorus	31-2	20298	19797	20181	20092	1.30	cps
Potassium	39-2	10330022	10214937	10259566	10268175	0.57	cps
Rhodium	103-1	7249919	7426023	7299007	7324983	1.24	cps
Rhodium	103-2	3093568	3178527	3250638	3174245	2.48	cps
Scandium	45-1	6175147	6004049	6073802	6084333	1.41	cps
Scandium	45-2	176036	175466	179906	177136	1.36	cps
Selenium	82-1	47900	47982	48230	48037	0.36	cps
Selenium	77-2	1237	1357	1147	1247	8.45	cps
Selenium	78-2	4356	4435	4349	4380	1.09	cps
Silicon	28-1	2507436	2768930	2810771	2695713	6.10	cps
Silver	107-1	3219105	3184165	3248896	3217389	1.01	cps
Silver	109-1	3082733	3097205	3117146	3099028	0.56	cps
Sodium	23-2	57065547	55441953	55720776	56076092	1.55	cps
Strontium	86-1	9029961	9314181	9132186	9158776	1.57	cps
Strontium	88-1	78980796	79168493	80890154	79679814	1.32	cps
Sulfur	34-1	639821	641248	657466	646178	1.52	cps
Terbium	159-1	9863881	9764206	9843191	9823759	0.54	cps
Terbium	159-2	3950504	4107405	4097697	4051868	2.17	cps
Thallium	203-1	2144406	2265644	2228957	2213003	2.81	cps
Thallium	205-1	4863717	5259448	5193407	5105524	4.15	cps
Tin	118-1	2108163	2087739	2131382	2109095	1.04	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	CCV066	Instrumnet Name :	P8
Client Sample ID :	CCV066	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 14:53:41	DataFile Name :	048CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4771774	4598750	4755482	4708669	2.03	cps
Uranium	238-1	6783375	6744895	6979463	6835911	1.84	cps
Vanadium	51-2	604205	605427	598448	602693	0.62	cps
Ytterbium	172-1	83	83	75	81	5.98	cps
Ytterbium	172-2	33	28	28	30	10.81	cps
Ytterbium	176-1	10171	10096	10763	10343	3.53	cps
Ytterbium	176-2	9682	10104	10438	10074	3.76	cps
Yttrium	89-1	15111502	15162521	15299936	15191319	0.64	cps
Yttrium	89-2	1445192	1457576	1482255	1461675	1.29	cps
Zinc	66-2	1007318	990724	1000389	999477	0.83	cps
Zirconium	90-1	4831686	4859417	4955076	4882060	1.33	cps
Zirconium	91-1	1079488	1102947	1092755	1091730	1.08	cps

LB Number : LB117862 Operator : Jaswal
 Lab Sample ID : CCB066 Instrumnet Name : P8
 Client Sample ID : CCB066 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-16 15:08:43 DataFile Name : 050CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	112	109	105	109	3.45	cps
Antimony	121-1	417	475	517	469	10.70	cps
Arsenic	75-2	7	8	14	10	39.16	cps
Barium	135-1	25	25	92	47	81.51	cps
Barium	137-1	107	73	147	109	33.72	cps
Beryllium	9-1	212	204	196	204	3.92	cps
Bismuth	209-1	5543066	5558448	5372989	5491501	1.87	cps
Bismuth	209-2	2941373	2840687	2800103	2860721	2.54	cps
Boron	10-1	2762	2778	2614	2718	3.33	cps
Boron	11-1	12733	12443	12179	12452	2.23	cps
Bromine	81-1	19123	19003	18942	19023	0.48	cps
Cadmium	111-1	327	403	368	366	10.43	cps
Cadmium	106-1	3059	3442	3392	3298	6.32	cps
Cadmium	108-1	58	108	117	94	33.41	cps
Calcium	43-1	225	262	259	249	8.30	cps
Calcium	44-1	19600	19620	19598	19606	0.06	cps
Carbon	12-1	3926213	4138461	4125470	4063381	2.93	cps
Carbon	12-2	42596	42430	42989	42671	0.67	cps
Chlorine	35-1	372319	360737	363767	365608	1.64	cps
Chlorine	35-2	2025	2050	1992	2022	1.45	cps
Chromium	52-2	663	630	597	630	5.29	cps
Cobalt	59-2	67	113	43	74	47.88	cps
Copper	63-2	657	710	470	612	20.59	cps
Dysprosium	156-1	17	25	0	14	91.65	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	42	75	75	64	30.12	cps
Erbium	164-2	17	20	27	21	24.12	cps
Gadolinium	160-1	33	33	50	39	24.75	cps
Gadolinium	160-2	100	73	60	78	26.19	cps
Holmium	165-1	9240412	9224042	9216265	9226906	0.13	cps
Holmium	165-2	4142868	4087176	3900871	4043638	3.13	cps
Indium	115-1	8252625	8011970	8265671	8176755	1.75	cps
Indium	115-2	1112922	1095202	1046437	1084854	3.17	cps
Iron	54-2	550	461	494	502	8.95	cps
Iron	56-2	4323	4279	3951	4184	4.86	cps
Iron	57-2	217	283	189	230	21.14	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	CCB066	Instrumnet Name :	P8
Client Sample ID :	CCB066	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:08:43	DataFile Name :	050CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1127	1160	1073	1120	3.90	cps
Lead	206-1	1011	922	956	963	4.66	cps
Lead	207-1	872	878	900	883	1.66	cps
Lead	208-1	4039	4128	3961	4043	2.06	cps
Lithium	6-1	2818264	2948317	2980327	2915636	2.94	cps
Magnesium	24-2	725	942	867	844	13.03	cps
Manganese	55-2	83	83	103	90	12.83	cps
Molybdenum	94-1	508	467	450	475	6.33	cps
Molybdenum	95-1	383	300	283	322	16.63	cps
Molybdenum	96-1	575	558	392	508	19.94	cps
Molybdenum	97-1	225	200	192	206	8.44	cps
Molybdenum	98-1	650	500	433	528	21.03	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	30	73	53	52	41.53	cps
Phosphorus	31-2	142	100	192	144	31.78	cps
Potassium	39-2	16068	16235	15934	16079	0.94	cps
Rhodium	103-1	7908635	7808594	7764025	7827085	0.95	cps
Rhodium	103-2	3474937	3358806	3237721	3357155	3.53	cps
Scandium	45-1	6018309	5996919	5968583	5994604	0.42	cps
Scandium	45-2	177284	175361	166618	173088	3.28	cps
Selenium	82-1	-85	-25	49	-20	-331.86	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	40	45	39	41	7.78	cps
Silicon	28-1	543680	543622	545808	544370	0.23	cps
Silver	107-1	533	358	442	444	19.70	cps
Silver	109-1	408	292	325	342	17.59	cps
Sodium	23-2	16827	16818	16201	16615	2.16	cps
Strontium	86-1	1542	1817	2184	1847	17.43	cps
Strontium	88-1	842	1033	817	897	13.21	cps
Sulfur	34-1	346270	341427	341732	343143	0.79	cps
Terbium	159-1	9869773	9890934	9786219	9848976	0.56	cps
Terbium	159-2	4043279	3972292	3823293	3946288	2.85	cps
Thallium	203-1	950	767	950	889	11.91	cps
Thallium	205-1	2100	2575	2259	2311	10.47	cps
Tin	118-1	23295	23446	23254	23331	0.43	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	CCB066	Instrumnet Name :	P8
Client Sample ID :	CCB066	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:08:43	DataFile Name :	050CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	275	233	208	239	14.10	cps
Uranium	238-1	58	75	92	75	22.22	cps
Vanadium	51-2	17	7	10	11	45.82	cps
Ytterbium	172-1	33	17	17	22	43.28	cps
Ytterbium	172-2	28	6	11	15	78.05	cps
Ytterbium	176-1	867	842	958	889	6.91	cps
Ytterbium	176-2	5790	5957	5979	5909	1.75	cps
Yttrium	89-1	15336217	15103459	15289163	15242947	0.81	cps
Yttrium	89-2	1459611	1449140	1359221	1422657	3.88	cps
Zinc	66-2	103	120	123	116	9.28	cps
Zirconium	90-1	833	858	867	853	2.03	cps
Zirconium	91-1	192	150	258	200	27.32	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-21	Instrumnet Name :	P8
Client Sample ID :	C00Z0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:11:46	DataFile Name :	051AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	167374	169996	167003	168124	0.97	cps
Antimony	121-1	892	742	925	853	11.45	cps
Arsenic	75-2	458	455	509	474	6.40	cps
Barium	135-1	147305	145639	146842	146595	0.59	cps
Barium	137-1	339624	343334	345993	342984	0.93	cps
Beryllium	9-1	638	672	700	670	4.63	cps
Bismuth	209-1	5609147	5557002	5507104	5557751	0.92	cps
Bismuth	209-2	3030803	2995480	2962247	2996177	1.14	cps
Boron	10-1	3824	4134	4314	4090	6.06	cps
Boron	11-1	19027	20174	20452	19884	3.80	cps
Bromine	81-1	36405	39145	43030	39527	8.42	cps
Cadmium	111-1	596	630	547	591	7.06	cps
Cadmium	106-1	4084	4009	3567	3887	7.18	cps
Cadmium	108-1	108	88	142	113	24.29	cps
Calcium	43-1	612114	616822	618088	615675	0.51	cps
Calcium	44-1	9864356	9813222	9870985	9849521	0.32	cps
Carbon	12-1	7107244	8048373	8494717	7883445	8.98	cps
Carbon	12-2	97314	96635	99160	97703	1.34	cps
Chlorine	35-1	376200	377473	386659	380111	1.50	cps
Chlorine	35-2	2059	2417	2609	2361	11.82	cps
Chromium	52-2	9663	9957	10464	10028	4.04	cps
Cobalt	59-2	87182	87725	86146	87018	0.92	cps
Copper	63-2	18763	18773	18679	18738	0.27	cps
Dysprosium	156-1	4343	4301	4318	4320	0.49	cps
Dysprosium	156-2	1697	1867	1690	1751	5.72	cps
Erbium	164-1	3492	3175	3217	3295	5.22	cps
Erbium	164-2	1257	1360	1470	1362	7.83	cps
Gadolinium	160-1	3601	4209	3684	3831	8.61	cps
Gadolinium	160-2	1957	2034	2004	1998	1.93	cps
Holmium	165-1	9716049	9465171	9422429	9534550	1.66	cps
Holmium	165-2	4283972	4324702	4163685	4257453	1.97	cps
Indium	115-1	8086546	8110616	8209187	8135449	0.80	cps
Indium	115-2	1147126	1139451	1134551	1140376	0.56	cps
Iron	54-2	826792	835667	809731	824063	1.60	cps
Iron	56-2	15456713	15197886	14983799	15212799	1.56	cps
Iron	57-2	374831	371445	368987	371754	0.79	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-21	Instrumnet Name :	P8
Client Sample ID :	C00Z0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:11:46	DataFile Name :	051AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1223	1167	1050	1147	7.71	cps
Lead	206-1	23555	23344	23099	23332	0.98	cps
Lead	207-1	19465	19582	19237	19428	0.90	cps
Lead	208-1	90546	90758	90196	90500	0.31	cps
Lithium	6-1	2886071	2988840	2979722	2951544	1.93	cps
Magnesium	24-2	1378283	1363953	1410656	1384297	1.73	cps
Manganese	55-2	14644028	14278618	14419179	14447275	1.28	cps
Molybdenum	94-1	5159	5051	5326	5179	2.68	cps
Molybdenum	95-1	3200	3059	3134	3131	2.26	cps
Molybdenum	96-1	3184	2917	2950	3017	4.82	cps
Molybdenum	97-1	950	1092	950	997	8.20	cps
Molybdenum	98-1	2809	2750	3192	2917	8.23	cps
Neodymium	150-1	6775	6555	6715	6682	1.70	cps
Neodymium	150-2	1960	2057	1953	1990	2.91	cps
Nickel	60-2	4821	4918	4961	4900	1.46	cps
Phosphorus	31-2	292	367	367	342	12.67	cps
Potassium	39-2	316947	319711	314823	317161	0.77	cps
Rhodium	103-1	7789424	7779257	7758684	7775789	0.20	cps
Rhodium	103-2	3486594	3503799	3457854	3482749	0.67	cps
Scandium	45-1	6071893	6065451	6095387	6077577	0.26	cps
Scandium	45-2	181019	187153	183933	184035	1.67	cps
Selenium	82-1	-70	30	107	22	396.36	cps
Selenium	77-2	10	23	7	13	66.12	cps
Selenium	78-2	47	51	45	48	6.42	cps
Silicon	28-1	22157391	22263503	22235901	22218932	0.25	cps
Silver	107-1	500	317	400	406	22.63	cps
Silver	109-1	358	317	358	344	6.98	cps
Sodium	23-2	1559475	1586622	1615294	1587130	1.76	cps
Strontium	86-1	572375	590034	586666	583025	1.61	cps
Strontium	88-1	4995323	4982257	4884701	4954094	1.22	cps
Sulfur	34-1	585913	569816	585485	580405	1.58	cps
Terbium	159-1	9651132	9929593	10042413	9874379	2.04	cps
Terbium	159-2	4233119	4211440	4274014	4239524	0.75	cps
Thallium	203-1	1450	1417	1633	1500	7.78	cps
Thallium	205-1	3792	3526	3842	3720	4.58	cps
Tin	118-1	2650	2675	2634	2653	0.79	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-21	Instrumnet Name :	P8
Client Sample ID :	C00Z0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:11:46	DataFile Name :	051AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	40341	41151	40399	40630	1.11	cps
Uranium	238-1	5460	5468	5243	5390	2.37	cps
Vanadium	51-2	8799	8726	8789	8772	0.45	cps
Ytterbium	172-1	817	883	900	867	5.09	cps
Ytterbium	172-2	394	422	494	437	11.81	cps
Ytterbium	176-1	1508	1458	1475	1481	1.72	cps
Ytterbium	176-2	6190	6607	6413	6404	3.26	cps
Yttrium	89-1	15447711	15514454	15614008	15525391	0.54	cps
Yttrium	89-2	1569333	1505144	1468592	1514357	3.37	cps
Zinc	66-2	4931	4678	4641	4750	3.33	cps
Zirconium	90-1	11263	11613	11614	11497	1.76	cps
Zirconium	91-1	2559	2892	2300	2584	11.48	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-22	Instrumnet Name :	P8
Client Sample ID :	C00Z2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:14:47	DataFile Name :	052AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5268	5117	5269	5218	1.68	cps
Antimony	121-1	1567	1642	1700	1636	4.09	cps
Arsenic	75-2	1652	1658	1631	1647	0.86	cps
Barium	135-1	219657	226279	220053	221996	1.67	cps
Barium	137-1	509274	521363	518938	516525	1.24	cps
Beryllium	9-1	254	226	226	235	6.87	cps
Bismuth	209-1	4761438	5091586	5422613	5091879	6.49	cps
Bismuth	209-2	2950440	2984679	3024338	2986485	1.24	cps
Boron	10-1	6274	6826	6980	6694	5.55	cps
Boron	11-1	30287	33319	34207	32605	6.30	cps
Bromine	81-1	48815	57276	61054	55715	11.25	cps
Cadmium	111-1	540	460	531	510	8.63	cps
Cadmium	106-1	3234	3359	3526	3373	4.34	cps
Cadmium	108-1	121	79	75	92	27.65	cps
Calcium	43-1	573009	591775	584744	583176	1.63	cps
Calcium	44-1	9061542	9509698	9573328	9381523	2.97	cps
Carbon	12-1	7124026	7706066	8165815	7665302	6.81	cps
Carbon	12-2	91260	91880	93004	92048	0.96	cps
Chlorine	35-1	509751	534778	558793	534441	4.59	cps
Chlorine	35-2	3492	3684	3450	3542	3.51	cps
Chromium	52-2	1067	1113	1147	1109	3.62	cps
Cobalt	59-2	683	800	807	763	9.09	cps
Copper	63-2	1297	1240	1297	1278	2.56	cps
Dysprosium	156-1	142	142	108	131	14.74	cps
Dysprosium	156-2	63	57	70	63	10.52	cps
Erbium	164-1	208	167	125	167	25.00	cps
Erbium	164-2	110	77	37	74	49.32	cps
Gadolinium	160-1	192	233	108	178	35.80	cps
Gadolinium	160-2	123	147	150	140	10.38	cps
Holmium	165-1	8242399	8574546	9249221	8688722	5.90	cps
Holmium	165-2	4268438	4177853	4155170	4200487	1.43	cps
Indium	115-1	6974572	7518332	7839867	7444257	5.88	cps
Indium	115-2	1147090	1139266	1147149	1144502	0.40	cps
Iron	54-2	617572	613117	625302	618663	1.00	cps
Iron	56-2	11341883	11164569	11472189	11326214	1.36	cps
Iron	57-2	281192	274217	280594	278668	1.39	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-22	Instrumnet Name :	P8
Client Sample ID :	C00Z2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:14:47	DataFile Name :	052AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1257	1087	1127	1157	7.68	cps
Lead	206-1	2445	2295	2317	2352	3.44	cps
Lead	207-1	1900	1989	1889	1926	2.85	cps
Lead	208-1	8857	8824	8901	8861	0.44	cps
Lithium	6-1	2510769	2876274	2974630	2787224	8.77	cps
Magnesium	24-2	1008233	1001841	989345	999806	0.96	cps
Manganese	55-2	416574	420367	414994	417312	0.66	cps
Molybdenum	94-1	2042	2225	2250	2172	5.24	cps
Molybdenum	95-1	2542	2850	2700	2698	5.72	cps
Molybdenum	96-1	3417	3367	3476	3420	1.59	cps
Molybdenum	97-1	1558	1458	1558	1525	3.79	cps
Molybdenum	98-1	4643	4101	4259	4334	6.43	cps
Neodymium	150-1	280	193	213	229	19.83	cps
Neodymium	150-2	73	53	73	67	17.32	cps
Nickel	60-2	820	1037	820	892	14.02	cps
Phosphorus	31-2	283	158	225	222	28.15	cps
Potassium	39-2	614427	625261	614637	618108	1.00	cps
Rhodium	103-1	6714675	7160917	7695134	7190242	6.83	cps
Rhodium	103-2	3519044	3418578	3399517	3445713	1.86	cps
Scandium	45-1	5168058	5864586	5920978	5651207	7.42	cps
Scandium	45-2	181087	183206	184959	183084	1.06	cps
Selenium	82-1	-79	63	-5	-7	-1028.82	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	34	60	41	45	29.91	cps
Silicon	28-1	20504347	20934814	21134275	20857812	1.54	cps
Silver	107-1	117	208	158	161	28.49	cps
Silver	109-1	150	133	200	161	21.54	cps
Sodium	23-2	4485576	4556330	4399808	4480571	1.75	cps
Strontium	86-1	552328	561488	560087	557968	0.88	cps
Strontium	88-1	4793783	4810432	4780570	4794928	0.31	cps
Sulfur	34-1	600745	609398	612889	607677	1.03	cps
Terbium	159-1	8378124	9088990	9629609	9032241	6.95	cps
Terbium	159-2	4076893	4065378	4235510	4125927	2.30	cps
Thallium	203-1	608	800	875	761	18.07	cps
Thallium	205-1	1942	1717	1625	1761	9.25	cps
Tin	118-1	2542	2659	2442	2548	4.26	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-22	Instrumnet Name :	P8
Client Sample ID :	C00Z2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:14:47	DataFile Name :	052AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1925	1817	1642	1795	7.97	cps
Uranium	238-1	1867	2125	1909	1967	7.05	cps
Vanadium	51-2	233	187	200	207	11.63	cps
Ytterbium	172-1	42	17	100	53	81.02	cps
Ytterbium	172-2	39	44	44	43	7.54	cps
Ytterbium	176-1	1000	842	900	914	8.76	cps
Ytterbium	176-2	6079	6024	6513	6205	4.32	cps
Yttrium	89-1	13279765	14357538	15558828	14398710	7.92	cps
Yttrium	89-2	1519203	1457674	1511709	1496196	2.24	cps
Zinc	66-2	1367	1253	1330	1317	4.39	cps
Zirconium	90-1	2075	1900	2017	1997	4.46	cps
Zirconium	91-1	492	333	408	411	19.27	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-01	Instrumnet Name :	P8
Client Sample ID :	C00V6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:17:48	DataFile Name :	053AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	344	350	371	355	4.06	cps
Antimony	121-1	383	408	575	456	22.87	cps
Arsenic	75-2	1170	1218	1182	1190	2.10	cps
Barium	135-1	283001	287157	280921	283693	1.12	cps
Barium	137-1	653808	667478	666893	662726	1.17	cps
Beryllium	9-1	148	196	158	167	15.13	cps
Bismuth	209-1	5453767	5427597	5556963	5479442	1.25	cps
Bismuth	209-2	3010599	2991893	2950401	2984298	1.03	cps
Boron	10-1	6412	6838	6640	6630	3.22	cps
Boron	11-1	30724	31431	31630	31262	1.52	cps
Bromine	81-1	51498	54160	58592	54750	6.55	cps
Cadmium	111-1	558	513	496	522	6.12	cps
Cadmium	106-1	3784	3776	3551	3703	3.58	cps
Cadmium	108-1	83	83	79	82	2.93	cps
Calcium	43-1	758272	774988	777681	770314	1.37	cps
Calcium	44-1	12087527	12219708	12087767	12131667	0.63	cps
Carbon	12-1	8123216	8894289	9179078	8732194	6.26	cps
Carbon	12-2	103600	105824	103676	104367	1.21	cps
Chlorine	35-1	500085	516935	515832	510951	1.84	cps
Chlorine	35-2	3134	3050	3242	3142	3.06	cps
Chromium	52-2	1067	1100	933	1033	8.53	cps
Cobalt	59-2	677	753	727	719	5.41	cps
Copper	63-2	853	897	883	878	2.53	cps
Dysprosium	156-1	33	33	8	25	57.74	cps
Dysprosium	156-2	3	7	10	7	50.03	cps
Erbium	164-1	92	83	108	94	13.48	cps
Erbium	164-2	43	20	43	36	37.89	cps
Gadolinium	160-1	67	117	125	103	30.69	cps
Gadolinium	160-2	103	87	127	106	19.03	cps
Holmium	165-1	9278107	9222053	9629282	9376480	2.35	cps
Holmium	165-2	4231107	4170741	4290622	4230823	1.42	cps
Indium	115-1	8048155	7956874	8292750	8099260	2.14	cps
Indium	115-2	1155918	1123925	1135121	1138321	1.43	cps
Iron	54-2	715494	717551	716473	716506	0.14	cps
Iron	56-2	13259094	12989517	12526871	12925161	2.87	cps
Iron	57-2	324029	318332	318071	320144	1.05	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-01	Instrumnet Name :	P8
Client Sample ID :	C00V6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:17:48	DataFile Name :	053AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1023	1147	1207	1126	8.30	cps
Lead	206-1	1000	1072	1050	1041	3.56	cps
Lead	207-1	1022	922	844	930	9.59	cps
Lead	208-1	4478	4317	4211	4336	3.10	cps
Lithium	6-1	2868146	2969142	2912948	2916745	1.73	cps
Magnesium	24-2	1112867	1109685	1150966	1124506	2.04	cps
Manganese	55-2	1265718	1251318	1245464	1254167	0.83	cps
Molybdenum	94-1	1892	2167	1817	1959	9.41	cps
Molybdenum	95-1	2392	2500	2425	2439	2.28	cps
Molybdenum	96-1	3159	3242	3034	3145	3.34	cps
Molybdenum	97-1	1542	1550	1542	1545	0.31	cps
Molybdenum	98-1	3567	3617	3592	3592	0.70	cps
Neodymium	150-1	40	53	53	49	15.74	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	690	843	703	746	11.39	cps
Phosphorus	31-2	167	167	142	158	9.12	cps
Potassium	39-2	788385	765382	813960	789242	3.08	cps
Rhodium	103-1	7812975	7917056	7868893	7866308	0.66	cps
Rhodium	103-2	3508105	3489429	3401443	3466326	1.64	cps
Scandium	45-1	6132018	5869821	6143961	6048600	2.56	cps
Scandium	45-2	187193	184948	180072	184071	1.98	cps
Selenium	82-1	91	-23	-93	-8	-1098.16	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	50	31	32	38	28.40	cps
Silicon	28-1	32759705	33581662	33272386	33204584	1.25	cps
Silver	107-1	183	150	125	153	19.16	cps
Silver	109-1	92	108	150	117	25.75	cps
Sodium	23-2	3291666	3412406	3250238	3318103	2.54	cps
Strontium	86-1	780214	791478	795607	789099	1.01	cps
Strontium	88-1	6535099	6638309	6617963	6597124	0.83	cps
Sulfur	34-1	413985	417278	422841	418034	1.07	cps
Terbium	159-1	9987472	9888178	10130156	10001935	1.22	cps
Terbium	159-2	4231678	4172534	4120726	4174979	1.33	cps
Thallium	203-1	667	667	775	703	8.90	cps
Thallium	205-1	1884	1650	1767	1767	6.60	cps
Tin	118-1	3084	3342	3651	3359	8.45	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-01	Instrumnet Name :	P8
Client Sample ID :	C00V6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:17:48	DataFile Name :	053AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	683	592	650	642	7.23	cps
Uranium	238-1	250	133	267	217	33.53	cps
Vanadium	51-2	67	57	90	71	24.05	cps
Ytterbium	172-1	8	67	0	25	145.31	cps
Ytterbium	172-2	11	28	17	19	45.83	cps
Ytterbium	176-1	1050	1050	1025	1042	1.38	cps
Ytterbium	176-2	6152	6013	6124	6096	1.21	cps
Yttrium	89-1	15355263	15364983	15599995	15440080	0.90	cps
Yttrium	89-2	1547645	1479832	1473973	1500484	2.73	cps
Zinc	66-2	1147	1033	1130	1103	5.55	cps
Zirconium	90-1	1000	1275	1200	1158	12.27	cps
Zirconium	91-1	183	300	267	250	24.04	cps

LB Number : LB117862 Operator : Jaswal
 Lab Sample ID : M5042-02 Instrumnet Name : P8
 Client Sample ID : C00V8 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-16 15:20:49 DataFile Name : 054AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	320	312	284	305	6.27	cps
Antimony	121-1	358	300	417	358	16.28	cps
Arsenic	75-2	255	261	262	259	1.46	cps
Barium	135-1	49500	49792	48337	49210	1.56	cps
Barium	137-1	116027	115203	113542	114924	1.10	cps
Beryllium	9-1	170	214	202	195	11.64	cps
Bismuth	209-1	5540858	5512655	5783289	5612267	2.65	cps
Bismuth	209-2	2985369	3005908	2900807	2964028	1.88	cps
Boron	10-1	4602	4762	4828	4731	2.46	cps
Boron	11-1	22002	23003	23246	22751	2.90	cps
Bromine	81-1	44255	48765	51246	48089	7.37	cps
Cadmium	111-1	534	562	556	551	2.70	cps
Cadmium	106-1	3726	3576	3959	3753	5.15	cps
Cadmium	108-1	67	100	58	75	29.40	cps
Calcium	43-1	387708	386713	388691	387704	0.26	cps
Calcium	44-1	6351222	6356327	6336358	6347969	0.16	cps
Carbon	12-1	7926000	8301584	8497954	8241846	3.53	cps
Carbon	12-2	97834	98414	99203	98484	0.70	cps
Chlorine	35-1	523754	551409	558838	544667	3.39	cps
Chlorine	35-2	3476	3417	3517	3470	1.45	cps
Chromium	52-2	1317	1097	1070	1161	11.66	cps
Cobalt	59-2	14391	13440	14034	13955	3.44	cps
Copper	63-2	21904	21994	21750	21883	0.56	cps
Dysprosium	156-1	8	8	42	19	99.00	cps
Dysprosium	156-2	17	13	7	12	41.65	cps
Erbium	164-1	92	175	108	125	35.28	cps
Erbium	164-2	30	27	30	29	6.65	cps
Gadolinium	160-1	67	83	100	83	20.00	cps
Gadolinium	160-2	93	97	73	88	14.38	cps
Holmium	165-1	9559788	9477037	9825100	9620642	1.89	cps
Holmium	165-2	4140374	4207500	4025555	4124476	2.23	cps
Indium	115-1	8230943	8227263	8222317	8226841	0.05	cps
Indium	115-2	1142114	1120546	1133771	1132143	0.96	cps
Iron	54-2	1455373	1460705	1433624	1449900	0.99	cps
Iron	56-2	26349870	26412150	26250414	26337478	0.31	cps
Iron	57-2	652000	633684	636511	640732	1.54	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-02	Instrumnet Name :	P8
Client Sample ID :	C00V8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:20:49	DataFile Name :	054AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1017	1053	1187	1086	8.24	cps
Lead	206-1	1028	967	1028	1007	3.50	cps
Lead	207-1	961	928	828	906	7.66	cps
Lead	208-1	4167	3811	3934	3971	4.55	cps
Lithium	6-1	2882002	2797011	3001580	2893531	3.55	cps
Magnesium	24-2	1124441	1119206	1116320	1119989	0.37	cps
Manganese	55-2	1201344	1186157	1189005	1192169	0.68	cps
Molybdenum	94-1	525	575	508	536	6.47	cps
Molybdenum	95-1	458	542	425	475	12.65	cps
Molybdenum	96-1	1217	1175	1225	1206	2.22	cps
Molybdenum	97-1	308	283	308	300	4.81	cps
Molybdenum	98-1	775	642	708	708	9.41	cps
Neodymium	150-1	47	13	13	24	78.75	cps
Neodymium	150-2	7	17	10	11	45.82	cps
Nickel	60-2	5158	5458	5234	5283	2.95	cps
Phosphorus	31-2	92	125	125	114	16.90	cps
Potassium	39-2	215038	216752	212361	214717	1.03	cps
Rhodium	103-1	7834558	8025690	8050644	7970298	1.48	cps
Rhodium	103-2	3457994	3513828	3516891	3496238	0.95	cps
Scandium	45-1	6276253	5973664	6413905	6221274	3.62	cps
Scandium	45-2	182524	183462	181512	182499	0.53	cps
Selenium	82-1	145	65	3	71	99.82	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	54	38	51	48	17.85	cps
Silicon	28-1	16856190	16679307	16258277	16597925	1.85	cps
Silver	107-1	100	158	192	150	30.93	cps
Silver	109-1	100	75	117	97	21.57	cps
Sodium	23-2	4125673	4089999	4057059	4090911	0.84	cps
Strontium	86-1	314965	311989	321711	316222	1.58	cps
Strontium	88-1	2665149	2650982	2727798	2681309	1.52	cps
Sulfur	34-1	968114	1010662	971843	983540	2.40	cps
Terbium	159-1	10090700	9713472	10137373	9980515	2.33	cps
Terbium	159-2	4090470	4067240	4107861	4088524	0.50	cps
Thallium	203-1	858	575	750	728	19.64	cps
Thallium	205-1	1792	1442	1784	1672	11.94	cps
Tin	118-1	2875	3025	2759	2887	4.63	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-02	Instrumnet Name :	P8
Client Sample ID :	C00V8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:20:49	DataFile Name :	054AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	450	567	425	481	15.73	cps
Uranium	238-1	317	250	292	286	11.77	cps
Vanadium	51-2	47	63	67	59	18.19	cps
Ytterbium	172-1	17	83	8	36	113.84	cps
Ytterbium	172-2	11	11	50	24	93.27	cps
Ytterbium	176-1	992	967	1075	1011	5.61	cps
Ytterbium	176-2	6090	6335	6435	6287	2.82	cps
Yttrium	89-1	15328964	15244526	15571854	15381781	1.10	cps
Yttrium	89-2	1491591	1492148	1521791	1501843	1.15	cps
Zinc	66-2	1037	1067	1040	1048	1.57	cps
Zirconium	90-1	1017	1025	883	975	8.15	cps
Zirconium	91-1	183	208	175	189	9.18	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-03	Instrumnet Name :	P8
Client Sample ID :	C00W0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:23:47	DataFile Name :	055AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	359	312	330	334	7.00	cps
Antimony	121-1	275	450	225	317	37.31	cps
Arsenic	75-2	268	252	240	253	5.54	cps
Barium	135-1	49048	49257	47995	48767	1.39	cps
Barium	137-1	114589	113238	113395	113741	0.65	cps
Beryllium	9-1	218	190	178	195	10.51	cps
Bismuth	209-1	5619232	5486348	5385654	5497078	2.13	cps
Bismuth	209-2	3049766	2687845	2909007	2882206	6.33	cps
Boron	10-1	4216	4330	4520	4355	3.53	cps
Boron	11-1	20709	20877	21960	21182	3.21	cps
Bromine	81-1	41273	47982	49327	46194	9.34	cps
Cadmium	111-1	533	535	513	527	2.28	cps
Cadmium	106-1	3767	3559	3584	3637	3.13	cps
Cadmium	108-1	54	33	38	42	26.47	cps
Calcium	43-1	401579	399024	396863	399155	0.59	cps
Calcium	44-1	6450883	6551122	6450953	6484319	0.89	cps
Carbon	12-1	7756458	8324564	8726234	8269085	5.89	cps
Carbon	12-2	98053	98799	101266	99373	1.69	cps
Chlorine	35-1	561463	578477	570850	570263	1.49	cps
Chlorine	35-2	3601	3367	3567	3512	3.59	cps
Chromium	52-2	663	620	650	644	3.44	cps
Cobalt	59-2	14734	15115	14945	14931	1.28	cps
Copper	63-2	18432	18789	18232	18484	1.53	cps
Dysprosium	156-1	33	25	25	28	17.31	cps
Dysprosium	156-2	20	7	13	13	49.99	cps
Erbium	164-1	100	142	92	111	24.11	cps
Erbium	164-2	33	40	87	53	54.49	cps
Gadolinium	160-1	67	50	50	56	17.32	cps
Gadolinium	160-2	57	67	70	64	10.76	cps
Holmium	165-1	9565070	9589344	9299722	9484712	1.69	cps
Holmium	165-2	4272114	3823605	4104022	4066580	5.57	cps
Indium	115-1	8676975	8074843	8228852	8326890	3.76	cps
Indium	115-2	1138934	1058419	1126983	1108112	3.92	cps
Iron	54-2	1492395	1500869	1465791	1486352	1.23	cps
Iron	56-2	26308269	27347179	26867201	26840883	1.94	cps
Iron	57-2	662818	668763	641509	657696	2.18	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-03	Instrumnet Name :	P8
Client Sample ID :	C00W0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:23:47	DataFile Name :	055AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1057	1140	1073	1090	4.05	cps
Lead	206-1	1172	989	900	1020	13.61	cps
Lead	207-1	861	1000	844	902	9.47	cps
Lead	208-1	4228	4061	3739	4010	6.20	cps
Lithium	6-1	2942881	2978010	2860853	2927248	2.05	cps
Magnesium	24-2	1144582	1158305	1118599	1140495	1.77	cps
Manganese	55-2	1220211	1241539	1244819	1235523	1.08	cps
Molybdenum	94-1	483	533	450	489	8.58	cps
Molybdenum	95-1	433	400	533	456	15.23	cps
Molybdenum	96-1	1017	1142	1325	1161	13.36	cps
Molybdenum	97-1	158	175	167	167	5.00	cps
Molybdenum	98-1	567	625	483	558	12.75	cps
Neodymium	150-1	40	13	13	22	69.30	cps
Neodymium	150-2	20	7	23	17	52.90	cps
Nickel	60-2	5248	5248	5271	5255	0.26	cps
Phosphorus	31-2	142	125	117	128	9.96	cps
Potassium	39-2	212918	222045	226788	220584	3.20	cps
Rhodium	103-1	7974172	7677915	7538285	7730124	2.88	cps
Rhodium	103-2	3427557	3227500	3374698	3343252	3.10	cps
Scandium	45-1	6293613	6183048	6080314	6185658	1.72	cps
Scandium	45-2	184894	170434	177920	177749	4.07	cps
Selenium	82-1	46	16	70	44	61.50	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	38	56	36	43	25.43	cps
Silicon	28-1	16791270	16942679	16749979	16827976	0.60	cps
Silver	107-1	125	108	83	106	19.86	cps
Silver	109-1	92	100	117	103	12.39	cps
Sodium	23-2	4184135	4274230	4160135	4206167	1.43	cps
Strontium	86-1	322851	331039	325219	326370	1.29	cps
Strontium	88-1	2774374	2808131	2798550	2793685	0.62	cps
Sulfur	34-1	1015593	1006369	995698	1005887	0.99	cps
Terbium	159-1	10242704	9843754	9998315	10028257	2.01	cps
Terbium	159-2	4188629	3830264	4089229	4036041	4.58	cps
Thallium	203-1	742	675	692	703	4.94	cps
Thallium	205-1	1767	1667	1667	1700	3.40	cps
Tin	118-1	2617	2400	2917	2645	9.81	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-03	Instrumnet Name :	P8
Client Sample ID :	C00W0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:23:47	DataFile Name :	055AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	592	517	542	550	6.94	cps
Uranium	238-1	275	258	208	247	14.03	cps
Vanadium	51-2	53	67	43	54	21.51	cps
Ytterbium	172-1	50	50	58	53	9.12	cps
Ytterbium	172-2	22	39	22	28	34.65	cps
Ytterbium	176-1	1233	1133	1050	1139	8.06	cps
Ytterbium	176-2	6118	5985	6024	6042	1.14	cps
Yttrium	89-1	16048356	15878246	15415904	15780835	2.07	cps
Yttrium	89-2	1513408	1400336	1454805	1456183	3.88	cps
Zinc	66-2	920	1043	1043	1002	7.11	cps
Zirconium	90-1	1200	908	825	978	20.14	cps
Zirconium	91-1	208	217	192	206	6.19	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-04	Instrumnet Name :	P8
Client Sample ID :	C00W2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:26:47	DataFile Name :	056AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	187	246	217	217	13.53	cps
Antimony	121-1	483	450	400	444	9.44	cps
Arsenic	75-2	938	937	984	953	2.82	cps
Barium	135-1	49550	48689	49718	49319	1.12	cps
Barium	137-1	112241	115262	115016	114173	1.47	cps
Beryllium	9-1	200	186	184	190	4.59	cps
Bismuth	209-1	5343614	5438522	5407114	5396417	0.90	cps
Bismuth	209-2	2961715	2968160	2748181	2892685	4.33	cps
Boron	10-1	4224	4200	4256	4226	0.66	cps
Boron	11-1	19970	20631	21487	20696	3.68	cps
Bromine	81-1	35181	37911	37509	36867	4.00	cps
Cadmium	111-1	591	515	554	554	6.88	cps
Cadmium	106-1	3851	3801	3651	3767	2.76	cps
Cadmium	108-1	79	63	38	60	35.12	cps
Calcium	43-1	570646	573075	581380	575033	0.98	cps
Calcium	44-1	9361765	9199927	9449975	9337222	1.36	cps
Carbon	12-1	8003626	8679544	9198478	8627216	6.94	cps
Carbon	12-2	105857	105269	106588	105905	0.62	cps
Chlorine	35-1	531319	549916	561926	547720	2.82	cps
Chlorine	35-2	3509	3375	3134	3339	5.69	cps
Chromium	52-2	3124	3240	3267	3210	2.38	cps
Cobalt	59-2	10521	10581	10364	10488	1.07	cps
Copper	63-2	47717	46620	46734	47024	1.28	cps
Dysprosium	156-1	175	308	167	217	36.69	cps
Dysprosium	156-2	100	97	73	90	16.15	cps
Erbium	164-1	358	267	242	289	21.26	cps
Erbium	164-2	127	137	130	131	3.88	cps
Gadolinium	160-1	208	292	325	275	21.85	cps
Gadolinium	160-2	180	200	97	159	34.49	cps
Holmium	165-1	9318515	9311262	8982570	9204116	2.08	cps
Holmium	165-2	4166345	4093493	4017852	4092563	1.81	cps
Indium	115-1	8400233	8369384	8309065	8359560	0.55	cps
Indium	115-2	1139901	1115150	1073631	1109561	3.02	cps
Iron	54-2	954471	951969	969144	958528	0.97	cps
Iron	56-2	17189801	17346436	17391416	17309218	0.61	cps
Iron	57-2	435138	428081	432445	431888	0.82	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-04	Instrumnet Name :	P8
Client Sample ID :	C00W2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:26:47	DataFile Name :	056AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1097	1113	1100	1103	0.80	cps
Lead	206-1	1022	833	683	846	20.07	cps
Lead	207-1	761	750	794	769	3.01	cps
Lead	208-1	3756	3422	3350	3510	6.16	cps
Lithium	6-1	2871255	2880093	2792076	2847808	1.70	cps
Magnesium	24-2	1002222	1029002	1028560	1019928	1.50	cps
Manganese	55-2	1092182	1113398	1079108	1094896	1.58	cps
Molybdenum	94-1	617	750	575	647	14.12	cps
Molybdenum	95-1	700	858	675	744	13.36	cps
Molybdenum	96-1	1200	1133	1367	1233	9.75	cps
Molybdenum	97-1	267	350	267	294	16.34	cps
Molybdenum	98-1	992	875	917	928	6.37	cps
Neodymium	150-1	93	73	120	96	24.50	cps
Neodymium	150-2	27	27	20	24	15.75	cps
Nickel	60-2	3044	3057	3057	3053	0.25	cps
Phosphorus	31-2	325	308	333	322	3.95	cps
Potassium	39-2	241747	239612	235452	238937	1.34	cps
Rhodium	103-1	7818042	7875157	7714475	7802558	1.04	cps
Rhodium	103-2	3423969	3333619	3257044	3338211	2.50	cps
Scandium	45-1	6003712	6195735	6007319	6068922	1.81	cps
Scandium	45-2	181016	183072	171332	178473	3.51	cps
Selenium	82-1	-13	13	25	9	224.48	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	45	42	45	44	3.94	cps
Silicon	28-1	14984023	15046606	15063811	15031480	0.28	cps
Silver	107-1	125	150	67	114	37.55	cps
Silver	109-1	58	42	83	61	34.32	cps
Sodium	23-2	3339346	3428977	3446452	3404925	1.69	cps
Strontium	86-1	757055	778581	779704	771780	1.65	cps
Strontium	88-1	6390078	6506305	6699513	6531965	2.39	cps
Sulfur	34-1	1000560	990395	971511	987489	1.49	cps
Terbium	159-1	9942557	10078623	9920327	9980503	0.86	cps
Terbium	159-2	4148355	3997822	3818001	3988059	4.15	cps
Thallium	203-1	625	792	600	672	15.50	cps
Thallium	205-1	1542	1492	1417	1483	4.24	cps
Tin	118-1	2742	2884	2842	2823	2.58	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-04	Instrumnet Name :	P8
Client Sample ID :	C00W2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:26:47	DataFile Name :	056AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	458	442	458	453	2.12	cps
Uranium	238-1	192	283	283	253	20.94	cps
Vanadium	51-2	70	37	27	44	51.04	cps
Ytterbium	172-1	92	92	158	114	33.80	cps
Ytterbium	172-2	61	56	117	78	43.45	cps
Ytterbium	176-1	1117	1017	1150	1095	6.34	cps
Ytterbium	176-2	5963	6368	5985	6105	3.74	cps
Yttrium	89-1	15132341	15435919	15773790	15447350	2.08	cps
Yttrium	89-2	1496753	1455782	1400315	1450950	3.34	cps
Zinc	66-2	730	740	707	726	2.36	cps
Zirconium	90-1	758	992	842	864	13.69	cps
Zirconium	91-1	167	283	242	231	25.64	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-05	Instrumnet Name :	P8
Client Sample ID :	C00W4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:29:46	DataFile Name :	057AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	232	207	226	222	5.86	cps
Antimony	121-1	775	817	667	753	10.29	cps
Arsenic	75-2	292	276	303	290	4.68	cps
Barium	135-1	134794	131418	129407	131873	2.06	cps
Barium	137-1	305175	307979	311513	308223	1.03	cps
Beryllium	9-1	176	186	136	166	15.94	cps
Bismuth	209-1	5579263	5541640	5290003	5470302	2.88	cps
Bismuth	209-2	2664684	2848394	2931537	2814872	4.85	cps
Boron	10-1	3470	3542	3624	3545	2.17	cps
Boron	11-1	16660	16995	17565	17073	2.68	cps
Bromine	81-1	31648	32893	32832	32458	2.16	cps
Cadmium	111-1	558	535	497	530	5.82	cps
Cadmium	106-1	3801	3359	3709	3623	6.44	cps
Cadmium	108-1	67	79	46	64	26.36	cps
Calcium	43-1	362480	359285	362318	361361	0.50	cps
Calcium	44-1	5866667	5760900	5765539	5797702	1.03	cps
Carbon	12-1	7809859	8567006	8845808	8407558	6.38	cps
Carbon	12-2	97935	102199	95957	98697	3.23	cps
Chlorine	35-1	515302	516565	525483	519116	1.07	cps
Chlorine	35-2	3109	3425	2992	3175	7.06	cps
Chromium	52-2	1493	1553	1447	1498	3.57	cps
Cobalt	59-2	3687	3744	3651	3694	1.27	cps
Copper	63-2	4747	4357	4704	4603	4.65	cps
Dysprosium	156-1	50	33	33	39	24.75	cps
Dysprosium	156-2	17	10	17	14	26.66	cps
Erbium	164-1	58	83	75	72	17.63	cps
Erbium	164-2	30	50	27	36	35.49	cps
Gadolinium	160-1	92	108	92	97	9.90	cps
Gadolinium	160-2	87	87	87	87	0.00	cps
Holmium	165-1	9387032	9363517	9474703	9408417	0.62	cps
Holmium	165-2	3725687	4044451	4042216	3937451	4.66	cps
Indium	115-1	8087276	8186290	8014390	8095985	1.07	cps
Indium	115-2	1014759	1099265	1122379	1078801	5.25	cps
Iron	54-2	196464	198538	193349	196117	1.33	cps
Iron	56-2	3628445	3710826	3652118	3663797	1.16	cps
Iron	57-2	90022	89122	92130	90425	1.71	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-05	Instrumnet Name :	P8
Client Sample ID :	C00W4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:29:46	DataFile Name :	057AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1073	1017	1050	1047	2.72	cps
Lead	206-1	972	900	1022	965	6.37	cps
Lead	207-1	939	856	794	863	8.40	cps
Lead	208-1	4195	3884	3772	3950	5.54	cps
Lithium	6-1	2856669	2938144	2887824	2894213	1.42	cps
Magnesium	24-2	935964	945919	969554	950479	1.82	cps
Manganese	55-2	335002	336429	329988	333807	1.01	cps
Molybdenum	94-1	733	767	758	753	2.30	cps
Molybdenum	95-1	908	817	850	858	5.41	cps
Molybdenum	96-1	1000	1058	1067	1042	3.49	cps
Molybdenum	97-1	450	400	408	419	6.39	cps
Molybdenum	98-1	1208	1092	1158	1153	5.08	cps
Neodymium	150-1	7	40	47	31	68.88	cps
Neodymium	150-2	10	3	10	8	49.52	cps
Nickel	60-2	1910	1940	1847	1899	2.51	cps
Phosphorus	31-2	125	92	167	128	29.41	cps
Potassium	39-2	215660	213014	210413	213029	1.23	cps
Rhodium	103-1	7952092	7987009	7822834	7920645	1.09	cps
Rhodium	103-2	3067909	3341180	3438671	3282587	5.86	cps
Scandium	45-1	6311157	6173827	6111569	6198851	1.65	cps
Scandium	45-2	159294	175505	183047	172615	7.03	cps
Selenium	82-1	47	113	100	87	40.71	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	37	39	52	43	19.10	cps
Silicon	28-1	17642198	17494955	17372007	17503053	0.77	cps
Silver	107-1	108	108	125	114	8.45	cps
Silver	109-1	175	75	58	103	61.40	cps
Sodium	23-2	6798078	6768882	6920553	6829171	1.18	cps
Strontium	86-1	545396	540369	554750	546839	1.33	cps
Strontium	88-1	4702340	4637636	4754603	4698193	1.25	cps
Sulfur	34-1	844367	849191	839139	844232	0.60	cps
Terbium	159-1	9493072	9831188	9601830	9642030	1.79	cps
Terbium	159-2	3724513	3995158	4070232	3929968	4.63	cps
Thallium	203-1	533	692	575	600	13.68	cps
Thallium	205-1	1583	1600	1575	1586	0.80	cps
Tin	118-1	2917	3092	3134	3048	3.77	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-05	Instrumnet Name :	P8
Client Sample ID :	C00W4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:29:46	DataFile Name :	057AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	425	392	367	394	7.42	cps
Uranium	238-1	658	567	475	567	16.18	cps
Vanadium	51-2	43	20	3	22	90.42	cps
Ytterbium	172-1	42	8	67	39	75.26	cps
Ytterbium	172-2	22	22	22	22	0.00	cps
Ytterbium	176-1	1183	1000	1067	1083	8.57	cps
Ytterbium	176-2	5329	6057	6007	5798	7.02	cps
Yttrium	89-1	15908376	15618892	15423716	15650328	1.56	cps
Yttrium	89-2	1326898	1432459	1482938	1414098	5.63	cps
Zinc	66-2	827	823	797	816	2.02	cps
Zirconium	90-1	858	775	1017	883	13.90	cps
Zirconium	91-1	250	242	175	222	18.50	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-06	Instrumnet Name :	P8
Client Sample ID :	C00W6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:32:48	DataFile Name :	058AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	377	359	367	368	2.55	cps
Antimony	121-1	217	217	358	264	31.00	cps
Arsenic	75-2	233	206	192	210	9.91	cps
Barium	135-1	474268	492741	490921	485977	2.09	cps
Barium	137-1	1124159	1146283	1139613	1136685	1.00	cps
Beryllium	9-1	180	200	172	184	7.84	cps
Bismuth	209-1	5682381	5630216	5544239	5618945	1.24	cps
Bismuth	209-2	2900590	2960374	2923869	2928278	1.03	cps
Boron	10-1	6810	7092	7462	7122	4.59	cps
Boron	11-1	31662	33894	34945	33500	5.00	cps
Bromine	81-1	44156	50734	54722	49871	10.70	cps
Cadmium	111-1	552	529	491	524	5.96	cps
Cadmium	106-1	3692	3801	3484	3659	4.40	cps
Cadmium	108-1	88	71	54	71	23.53	cps
Calcium	43-1	573335	581537	578246	577706	0.71	cps
Calcium	44-1	9039034	9117133	9117908	9091358	0.50	cps
Carbon	12-1	8146098	8791455	9256980	8731511	6.39	cps
Carbon	12-2	104155	102535	101604	102765	1.26	cps
Chlorine	35-1	537981	568970	586179	564377	4.33	cps
Chlorine	35-2	3909	3592	3817	3773	4.32	cps
Chromium	52-2	1073	1047	1090	1070	2.04	cps
Cobalt	59-2	310	367	330	336	8.56	cps
Copper	63-2	1257	1283	1360	1300	4.13	cps
Dysprosium	156-1	50	42	42	44	10.82	cps
Dysprosium	156-2	17	27	3	16	75.27	cps
Erbium	164-1	33	125	100	86	55.03	cps
Erbium	164-2	50	17	23	30	58.79	cps
Gadolinium	160-1	75	33	100	69	48.50	cps
Gadolinium	160-2	123	107	103	111	9.64	cps
Holmium	165-1	9569628	9840566	9489897	9633364	1.91	cps
Holmium	165-2	4058748	4267403	4017132	4114428	3.26	cps
Indium	115-1	8278692	8183249	8189523	8217155	0.65	cps
Indium	115-2	1144812	1133734	1133095	1137214	0.58	cps
Iron	54-2	1104764	1079918	1111676	1098786	1.52	cps
Iron	56-2	20457341	20173136	20679830	20436769	1.24	cps
Iron	57-2	507909	499168	498317	501798	1.06	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-06	Instrumnet Name :	P8
Client Sample ID :	C00W6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:32:48	DataFile Name :	058AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1060	1223	1080	1121	7.95	cps
Lead	206-1	1072	1028	956	1019	5.78	cps
Lead	207-1	900	872	839	870	3.52	cps
Lead	208-1	4034	3917	3739	3897	3.81	cps
Lithium	6-1	3053716	3048217	3060132	3054022	0.20	cps
Magnesium	24-2	999027	1041908	1029723	1023552	2.16	cps
Manganese	55-2	356649	351856	347436	351981	1.31	cps
Molybdenum	94-1	1525	1792	1692	1670	8.07	cps
Molybdenum	95-1	675	617	742	678	9.23	cps
Molybdenum	96-1	1475	1425	1400	1433	2.66	cps
Molybdenum	97-1	392	500	483	458	12.73	cps
Molybdenum	98-1	1158	1142	1092	1131	3.07	cps
Neodymium	150-1	40	20	60	40	50.00	cps
Neodymium	150-2	7	10	3	7	50.03	cps
Nickel	60-2	873	873	960	902	5.55	cps
Phosphorus	31-2	208	175	125	169	24.76	cps
Potassium	39-2	359459	342108	345537	349035	2.63	cps
Rhodium	103-1	7947574	7718993	7697649	7788072	1.78	cps
Rhodium	103-2	3474972	3480030	3393444	3449482	1.41	cps
Scandium	45-1	6198065	6279579	6018393	6165346	2.17	cps
Scandium	45-2	183214	180737	183489	182480	0.83	cps
Selenium	82-1	29	-115	-4	-30	-252.46	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	33	43	41	39	13.57	cps
Silicon	28-1	20573741	19681890	20072623	20109418	2.22	cps
Silver	107-1	167	100	92	119	34.42	cps
Silver	109-1	83	150	67	100	44.10	cps
Sodium	23-2	4524959	4521630	4451673	4499421	0.92	cps
Strontium	86-1	620604	620870	630842	624105	0.94	cps
Strontium	88-1	5361046	5324758	5284099	5323301	0.72	cps
Sulfur	34-1	417784	411229	415285	414766	0.80	cps
Terbium	159-1	10282432	9952476	9790807	10008571	2.50	cps
Terbium	159-2	4168136	4054739	4119485	4114120	1.38	cps
Thallium	203-1	642	708	575	642	10.39	cps
Thallium	205-1	1392	1584	1558	1511	6.90	cps
Tin	118-1	2734	2967	2859	2853	4.09	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-06	Instrumnet Name :	P8
Client Sample ID :	C00W6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:32:48	DataFile Name :	058AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	442	483	475	467	4.72	cps
Uranium	238-1	67	67	92	75	19.24	cps
Vanadium	51-2	53	60	57	57	5.89	cps
Ytterbium	172-1	58	42	67	56	22.91	cps
Ytterbium	172-2	28	33	22	28	20.00	cps
Ytterbium	176-1	1025	1067	1000	1031	3.27	cps
Ytterbium	176-2	5957	6402	6602	6320	5.22	cps
Yttrium	89-1	15595390	15483566	15306810	15461922	0.94	cps
Yttrium	89-2	1501169	1490166	1498105	1496480	0.38	cps
Zinc	66-2	573	530	500	534	6.90	cps
Zirconium	90-1	3310	3259	2900	3156	7.07	cps
Zirconium	91-1	2595	700	800	1365	78.11	cps

LB Number : LB117862 Operator : Jaswal
 Lab Sample ID : M5042-07 Instrumnet Name : P8
 Client Sample ID : C00W8 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-16 15:35:47 DataFile Name : 059AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	287	297	480	355	30.54	cps
Antimony	121-1	200	208	217	208	4.00	cps
Arsenic	75-2	153	145	145	148	3.13	cps
Barium	135-1	67687	67519	67938	67714	0.31	cps
Barium	137-1	157986	159601	162628	160071	1.47	cps
Beryllium	9-1	184	184	184	184	0.00	cps
Bismuth	209-1	5396013	5435258	5345607	5392293	0.83	cps
Bismuth	209-2	2962129	2961656	2909854	2944546	1.02	cps
Boron	10-1	3704	3768	3816	3762	1.49	cps
Boron	11-1	17771	18362	18216	18116	1.70	cps
Bromine	81-1	29672	28779	29221	29224	1.53	cps
Cadmium	111-1	520	553	544	539	3.23	cps
Cadmium	106-1	3584	3592	3759	3645	2.71	cps
Cadmium	108-1	58	38	54	50	22.05	cps
Calcium	43-1	467329	466215	471568	468370	0.60	cps
Calcium	44-1	7227580	7757023	7509076	7497893	3.53	cps
Carbon	12-1	7336461	8093892	8489600	7973317	7.35	cps
Carbon	12-2	94398	97936	93893	95409	2.31	cps
Chlorine	35-1	493092	496004	505801	498299	1.34	cps
Chlorine	35-2	2475	3092	3175	2914	13.12	cps
Chromium	52-2	1440	1537	1547	1508	3.91	cps
Cobalt	59-2	6855	6815	6935	6868	0.89	cps
Copper	63-2	36484	36136	35658	36093	1.15	cps
Dysprosium	156-1	50	50	33	44	21.66	cps
Dysprosium	156-2	10	27	3	13	90.16	cps
Erbium	164-1	142	50	92	94	48.60	cps
Erbium	164-2	23	23	23	23	0.00	cps
Gadolinium	160-1	117	58	83	86	33.98	cps
Gadolinium	160-2	107	93	117	106	11.09	cps
Holmium	165-1	9496572	9685607	9397071	9526416	1.54	cps
Holmium	165-2	4198209	4214759	4286004	4232991	1.10	cps
Indium	115-1	8236662	8335248	8441240	8337717	1.23	cps
Indium	115-2	1129381	1125391	1120493	1125088	0.40	cps
Iron	54-2	747475	722672	734667	734938	1.69	cps
Iron	56-2	13749388	13939400	13731300	13806696	0.83	cps
Iron	57-2	328481	339880	330002	332788	1.86	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-07	Instrumnet Name :	P8
Client Sample ID :	C00W8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:35:47	DataFile Name :	059AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1027	1147	1177	1117	7.11	cps
Lead	206-1	867	883	861	870	1.33	cps
Lead	207-1	761	694	672	709	6.52	cps
Lead	208-1	3511	3417	3411	3447	1.63	cps
Lithium	6-1	3066267	2916088	2791116	2924490	4.71	cps
Magnesium	24-2	1392683	1396198	1369174	1386018	1.06	cps
Manganese	55-2	671185	674402	677311	674299	0.45	cps
Molybdenum	94-1	433	383	325	381	14.25	cps
Molybdenum	95-1	250	225	208	228	9.21	cps
Molybdenum	96-1	767	633	683	694	9.70	cps
Molybdenum	97-1	108	142	133	128	13.57	cps
Molybdenum	98-1	275	258	292	275	6.06	cps
Neodymium	150-1	47	53	40	47	14.28	cps
Neodymium	150-2	20	10	10	13	43.30	cps
Nickel	60-2	3824	3717	3807	3783	1.52	cps
Phosphorus	31-2	233	258	242	244	5.21	cps
Potassium	39-2	169203	168569	167831	168534	0.41	cps
Rhodium	103-1	7805119	7960119	7730443	7831894	1.50	cps
Rhodium	103-2	3474464	3471401	3354815	3433560	1.99	cps
Scandium	45-1	5970717	6271425	5933651	6058598	3.06	cps
Scandium	45-2	182459	183823	181865	182716	0.55	cps
Selenium	82-1	53	27	-64	5	1152.96	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	39	44	40	41	6.45	cps
Silicon	28-1	18558305	19045832	18901693	18835276	1.33	cps
Silver	107-1	125	108	117	117	7.14	cps
Silver	109-1	108	50	83	81	36.33	cps
Sodium	23-2	2696298	2791635	2658436	2715456	2.53	cps
Strontium	86-1	634000	643421	630136	635853	1.07	cps
Strontium	88-1	5410844	5530144	5371778	5437589	1.52	cps
Sulfur	34-1	1269018	1269502	1292539	1277019	1.05	cps
Terbium	159-1	9799800	10026275	9481122	9769066	2.80	cps
Terbium	159-2	4148227	4183300	4101802	4144443	0.99	cps
Thallium	203-1	617	567	717	633	12.06	cps
Thallium	205-1	1417	1408	1517	1447	4.17	cps
Tin	118-1	2650	2700	2717	2689	1.29	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-07	Instrumnet Name :	P8
Client Sample ID :	C00W8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:35:47	DataFile Name :	059AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	408	450	358	406	11.32	cps
Uranium	238-1	100	83	100	94	10.18	cps
Vanadium	51-2	20	33	27	27	24.99	cps
Ytterbium	172-1	100	83	108	97	13.09	cps
Ytterbium	172-2	17	39	50	35	48.23	cps
Ytterbium	176-1	933	883	967	928	4.52	cps
Ytterbium	176-2	6029	6207	6179	6139	1.56	cps
Yttrium	89-1	15404160	15809562	15490260	15567994	1.37	cps
Yttrium	89-2	1494696	1477750	1491840	1488095	0.61	cps
Zinc	66-2	303	263	293	287	7.26	cps
Zirconium	90-1	692	967	858	839	16.51	cps
Zirconium	91-1	183	183	200	189	5.10	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-08	Instrumnet Name :	P8
Client Sample ID :	C00X0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:38:48	DataFile Name :	060AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	372	319	356	349	7.90	cps
Antimony	121-1	208	192	250	217	13.87	cps
Arsenic	75-2	37	42	40	40	6.34	cps
Barium	135-1	489385	503973	511232	501530	2.22	cps
Barium	137-1	1164395	1186080	1178094	1176190	0.93	cps
Beryllium	9-1	140	174	214	176	21.05	cps
Bismuth	209-1	5457441	5456914	5314883	5409746	1.52	cps
Bismuth	209-2	3038313	2950555	2991440	2993436	1.47	cps
Boron	10-1	4690	4836	5236	4921	5.75	cps
Boron	11-1	22118	23316	24339	23258	4.78	cps
Bromine	81-1	41183	45079	48814	45025	8.48	cps
Cadmium	111-1	555	518	546	539	3.61	cps
Cadmium	106-1	3842	3909	3567	3773	4.80	cps
Cadmium	108-1	54	42	50	49	13.09	cps
Calcium	43-1	381803	387476	390677	386652	1.16	cps
Calcium	44-1	6209860	6257427	6233679	6233655	0.38	cps
Carbon	12-1	8068960	8448604	8814752	8444105	4.42	cps
Carbon	12-2	100657	98515	98808	99327	1.17	cps
Chlorine	35-1	560922	579644	602250	580939	3.56	cps
Chlorine	35-2	3851	3392	3884	3709	7.41	cps
Chromium	52-2	1287	1270	1227	1261	2.46	cps
Cobalt	59-2	290	313	283	296	5.33	cps
Copper	63-2	3110	3264	3334	3236	3.53	cps
Dysprosium	156-1	292	267	242	267	9.37	cps
Dysprosium	156-2	167	147	97	137	26.38	cps
Erbium	164-1	633	633	592	619	3.88	cps
Erbium	164-2	280	300	270	283	5.39	cps
Gadolinium	160-1	383	317	375	358	10.14	cps
Gadolinium	160-2	247	310	280	279	11.36	cps
Holmium	165-1	9498525	9356029	9298402	9384318	1.10	cps
Holmium	165-2	4292229	4240250	4229297	4253925	0.79	cps
Indium	115-1	8073310	8302378	8087360	8154349	1.57	cps
Indium	115-2	1153765	1147047	1117626	1139479	1.69	cps
Iron	54-2	114893	110610	110716	112073	2.18	cps
Iron	56-2	2111471	2087557	2122963	2107330	0.86	cps
Iron	57-2	52357	52943	50624	51975	2.32	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-08	Instrumnet Name :	P8
Client Sample ID :	C00X0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:38:48	DataFile Name :	060AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1163	1103	1217	1161	4.88	cps
Lead	206-1	1011	789	978	926	12.94	cps
Lead	207-1	683	717	844	748	11.37	cps
Lead	208-1	3622	3306	3628	3519	5.24	cps
Lithium	6-1	2919416	3026286	2870327	2938676	2.71	cps
Magnesium	24-2	891645	900437	863130	885071	2.20	cps
Manganese	55-2	80580	79081	79852	79838	0.94	cps
Molybdenum	94-1	742	642	842	742	13.48	cps
Molybdenum	95-1	758	708	817	761	7.12	cps
Molybdenum	96-1	842	725	983	850	15.22	cps
Molybdenum	97-1	367	358	400	375	5.88	cps
Molybdenum	98-1	1042	942	1133	1039	9.23	cps
Neodymium	150-1	100	113	120	111	9.17	cps
Neodymium	150-2	23	3	13	13	75.02	cps
Nickel	60-2	840	903	1060	934	12.12	cps
Phosphorus	31-2	375	258	292	308	19.49	cps
Potassium	39-2	214314	208665	207856	210278	1.67	cps
Rhodium	103-1	7716973	7805599	7278776	7600449	3.71	cps
Rhodium	103-2	3417108	3540310	3420241	3459219	2.03	cps
Scandium	45-1	6282540	6283845	6029438	6198608	2.36	cps
Scandium	45-2	183502	184235	183339	183692	0.26	cps
Selenium	82-1	-53	-7	-94	-51	-85.46	cps
Selenium	77-2	7	7	3	6	34.70	cps
Selenium	78-2	48	33	46	42	19.25	cps
Silicon	28-1	20826855	21117319	20751701	20898625	0.92	cps
Silver	107-1	67	158	100	108	42.83	cps
Silver	109-1	108	67	67	81	29.86	cps
Sodium	23-2	8928761	8534112	8601870	8688248	2.43	cps
Strontium	86-1	698280	721327	713983	711197	1.66	cps
Strontium	88-1	5926650	6040165	6259323	6075380	2.78	cps
Sulfur	34-1	682243	702481	684079	689601	1.62	cps
Terbium	159-1	9942684	10066692	9643027	9884134	2.20	cps
Terbium	159-2	4200071	4167096	4117040	4161402	1.00	cps
Thallium	203-1	658	533	542	578	12.10	cps
Thallium	205-1	1575	1517	1550	1547	1.89	cps
Tin	118-1	2450	2400	2559	2470	3.28	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-08	Instrumnet Name :	P8
Client Sample ID :	C00X0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:38:48	DataFile Name :	060AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	583	500	425	503	15.75	cps
Uranium	238-1	267	200	283	250	17.64	cps
Vanadium	51-2	57	60	53	57	5.89	cps
Ytterbium	172-1	267	283	192	247	19.75	cps
Ytterbium	172-2	156	83	94	111	35.00	cps
Ytterbium	176-1	1175	1225	1192	1197	2.13	cps
Ytterbium	176-2	6146	6279	6413	6279	2.12	cps
Yttrium	89-1	15465376	15699039	15092341	15418919	1.98	cps
Yttrium	89-2	1506738	1504162	1484641	1498514	0.81	cps
Zinc	66-2	430	467	433	443	4.57	cps
Zirconium	90-1	908	833	867	869	4.32	cps
Zirconium	91-1	242	267	142	217	30.53	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-09	Instrumnet Name :	P8
Client Sample ID :	C00X0D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:41:47	DataFile Name :	061AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	326	360	324	337	6.01	cps
Antimony	121-1	225	225	375	275	31.49	cps
Arsenic	75-2	35	32	43	37	15.51	cps
Barium	135-1	482033	495262	488463	488586	1.35	cps
Barium	137-1	1151683	1140728	1153946	1148786	0.62	cps
Beryllium	9-1	150	176	158	161	8.26	cps
Bismuth	209-1	5128603	5554598	5569726	5417642	4.62	cps
Bismuth	209-2	2967155	3111364	3028674	3035731	2.38	cps
Boron	10-1	4942	5104	5138	5061	2.07	cps
Boron	11-1	23106	25417	24696	24406	4.85	cps
Bromine	81-1	42428	45852	48453	45578	6.63	cps
Cadmium	111-1	458	553	583	532	12.25	cps
Cadmium	106-1	3267	3784	4034	3695	10.58	cps
Cadmium	108-1	83	71	54	69	21.07	cps
Calcium	43-1	386634	387998	387402	387345	0.18	cps
Calcium	44-1	6128067	6166862	5989131	6094687	1.53	cps
Carbon	12-1	7737448	8387726	8957216	8360797	7.30	cps
Carbon	12-2	101032	99975	100479	100495	0.53	cps
Chlorine	35-1	586663	604477	616788	602643	2.51	cps
Chlorine	35-2	3884	3892	4059	3945	2.50	cps
Chromium	52-2	2310	2260	2177	2249	3.00	cps
Cobalt	59-2	357	343	300	333	8.89	cps
Copper	63-2	1773	1817	1787	1792	1.24	cps
Dysprosium	156-1	367	292	350	336	11.72	cps
Dysprosium	156-2	137	180	87	134	34.74	cps
Erbium	164-1	700	567	508	592	16.61	cps
Erbium	164-2	260	230	237	242	6.51	cps
Gadolinium	160-1	450	425	392	422	6.93	cps
Gadolinium	160-2	270	243	240	251	6.55	cps
Holmium	165-1	8642049	9255696	9534719	9144155	4.99	cps
Holmium	165-2	4354811	4251259	4189490	4265187	1.96	cps
Indium	115-1	7689864	8338054	8157435	8061784	4.15	cps
Indium	115-2	1120745	1150197	1129708	1133550	1.33	cps
Iron	54-2	115783	115202	113925	114970	0.83	cps
Iron	56-2	2184921	2155712	2176423	2172352	0.69	cps
Iron	57-2	54114	52798	51883	52932	2.12	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-09	Instrumnet Name :	P8
Client Sample ID :	C00X0D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:41:47	DataFile Name :	061AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1003	1063	1183	1083	8.46	cps
Lead	206-1	1011	1200	1056	1089	9.07	cps
Lead	207-1	939	839	928	902	6.08	cps
Lead	208-1	3622	4345	4139	4036	9.22	cps
Lithium	6-1	2673813	2947847	2886561	2836074	5.07	cps
Magnesium	24-2	889941	873893	875399	879744	1.01	cps
Manganese	55-2	82149	80885	81039	81358	0.85	cps
Molybdenum	94-1	783	792	733	769	4.10	cps
Molybdenum	95-1	725	1067	708	833	24.27	cps
Molybdenum	96-1	808	1217	967	997	20.65	cps
Molybdenum	97-1	517	583	450	517	12.90	cps
Molybdenum	98-1	1158	1100	1058	1106	4.54	cps
Neodymium	150-1	60	120	87	89	33.82	cps
Neodymium	150-2	30	20	40	30	33.33	cps
Nickel	60-2	1337	1223	1147	1236	7.74	cps
Phosphorus	31-2	308	358	275	314	13.36	cps
Potassium	39-2	206626	205933	203025	205195	0.93	cps
Rhodium	103-1	7378972	7990842	7717812	7695875	3.98	cps
Rhodium	103-2	3429325	3559668	3459289	3482761	1.96	cps
Scandium	45-1	5667553	6153870	6123134	5981519	4.55	cps
Scandium	45-2	180022	185894	184373	183430	1.66	cps
Selenium	82-1	88	86	-9	55	101.37	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	35	50	36	40	20.81	cps
Silicon	28-1	21088938	20666740	21130330	20962003	1.22	cps
Silver	107-1	142	208	67	139	51.03	cps
Silver	109-1	108	117	92	106	12.06	cps
Sodium	23-2	8878680	8448178	8756216	8694358	2.55	cps
Strontium	86-1	706914	720622	700971	709502	1.42	cps
Strontium	88-1	5907701	6102864	5989513	6000026	1.63	cps
Sulfur	34-1	674122	675603	682952	677559	0.70	cps
Terbium	159-1	9229262	9848160	9886637	9654686	3.82	cps
Terbium	159-2	4226294	4114777	4195746	4178939	1.38	cps
Thallium	203-1	592	633	542	589	7.79	cps
Thallium	205-1	1300	1342	1650	1431	13.36	cps
Tin	118-1	2300	2300	2342	2314	1.04	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-09	Instrumnet Name :	P8
Client Sample ID :	C00X0D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:41:47	DataFile Name :	061AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	442	633	525	533	18.02	cps
Uranium	238-1	233	292	242	256	12.35	cps
Vanadium	51-2	67	47	57	57	17.65	cps
Ytterbium	172-1	158	258	183	200	26.02	cps
Ytterbium	172-2	117	67	117	100	28.87	cps
Ytterbium	176-1	983	942	1167	1031	11.62	cps
Ytterbium	176-2	6202	6819	6413	6478	4.84	cps
Yttrium	89-1	14386057	15720025	15557348	15221143	4.78	cps
Yttrium	89-2	1510319	1572357	1505268	1529315	2.44	cps
Zinc	66-2	453	377	387	406	10.28	cps
Zirconium	90-1	900	1133	983	1006	11.76	cps
Zirconium	91-1	208	158	258	208	24.00	cps

LB Number : LB117862 Operator : Jaswal
 Lab Sample ID : M5042-08LX5 Instrumnet Name : P8
 Client Sample ID : C00X0L Dilution Factor : 5
 Date & Time Acquired :: 2021-12-16 15:44:48 DataFile Name : 062AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	131	137	129	132	3.40	cps
Antimony	121-1	158	108	142	136	18.70	cps
Arsenic	75-2	15	15	18	16	10.83	cps
Barium	135-1	96938	95530	95495	95988	0.86	cps
Barium	137-1	226101	226986	224189	225759	0.63	cps
Beryllium	9-1	152	188	142	161	15.06	cps
Bismuth	209-1	5705658	5568729	5328584	5534324	3.45	cps
Bismuth	209-2	2884013	3002044	2938948	2941668	2.01	cps
Boron	10-1	2006	2036	1934	1992	2.63	cps
Boron	11-1	10061	10011	9631	9901	2.38	cps
Bromine	81-1	28950	29542	30294	29595	2.28	cps
Cadmium	111-1	452	481	443	459	4.34	cps
Cadmium	106-1	3884	3817	3834	3845	0.90	cps
Cadmium	108-1	88	29	67	61	48.37	cps
Calcium	43-1	73577	74135	73670	73794	0.41	cps
Calcium	44-1	1201735	1240651	1199779	1214055	1.90	cps
Carbon	12-1	5593943	5535214	5643611	5590923	0.97	cps
Carbon	12-2	60635	60015	58987	59879	1.39	cps
Chlorine	35-1	520923	514478	504909	513437	1.57	cps
Chlorine	35-2	3234	2767	3075	3025	7.85	cps
Chromium	52-2	727	697	753	726	3.91	cps
Cobalt	59-2	113	63	107	94	28.75	cps
Copper	63-2	970	1000	1030	1000	3.00	cps
Dysprosium	156-1	33	33	58	42	34.64	cps
Dysprosium	156-2	27	30	33	30	11.10	cps
Erbium	164-1	133	150	208	164	24.03	cps
Erbium	164-2	83	70	83	79	9.76	cps
Gadolinium	160-1	150	100	175	142	26.96	cps
Gadolinium	160-2	113	140	123	126	10.73	cps
Holmium	165-1	9627509	9530540	9231639	9463230	2.18	cps
Holmium	165-2	4125652	4195881	4110838	4144124	1.10	cps
Indium	115-1	8461374	7939670	8138605	8179883	3.22	cps
Indium	115-2	1125281	1143253	1107439	1125324	1.59	cps
Iron	54-2	21939	20799	21617	21452	2.74	cps
Iron	56-2	398135	399783	386513	394810	1.83	cps
Iron	57-2	9809	10599	9481	9963	5.77	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-08LX5	Instrumnet Name :	P8
Client Sample ID :	C00X0L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 15:44:48	DataFile Name :	062AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1190	1163	1077	1143	5.18	cps
Lead	206-1	761	789	939	830	11.53	cps
Lead	207-1	744	833	683	754	10.01	cps
Lead	208-1	3228	3584	3339	3384	5.38	cps
Lithium	6-1	2879811	2907251	2801998	2863020	1.91	cps
Magnesium	24-2	166775	168007	164425	166402	1.09	cps
Manganese	55-2	15385	14844	14818	15016	2.13	cps
Molybdenum	94-1	358	325	417	367	12.66	cps
Molybdenum	95-1	183	150	250	194	26.19	cps
Molybdenum	96-1	258	258	292	269	7.14	cps
Molybdenum	97-1	158	117	150	142	15.56	cps
Molybdenum	98-1	333	183	283	267	28.64	cps
Neodymium	150-1	20	27	13	20	33.35	cps
Neodymium	150-2	17	3	7	9	78.08	cps
Nickel	60-2	260	190	240	230	15.68	cps
Phosphorus	31-2	200	150	208	186	16.95	cps
Potassium	39-2	52488	51768	51610	51955	0.90	cps
Rhodium	103-1	7803630	7746412	7735287	7761777	0.47	cps
Rhodium	103-2	3435626	3588653	3374838	3466372	3.18	cps
Scandium	45-1	6136368	6087738	6035810	6086639	0.83	cps
Scandium	45-2	178053	183345	180200	180533	1.47	cps
Selenium	82-1	-111	-47	54	-35	-238.88	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	39	46	48	44	10.67	cps
Silicon	28-1	4372063	4335624	4459711	4389133	1.45	cps
Silver	107-1	117	133	142	131	9.75	cps
Silver	109-1	175	92	92	119	40.28	cps
Sodium	23-2	1716016	1674446	1687106	1692523	1.26	cps
Strontium	86-1	138254	137188	139418	138287	0.81	cps
Strontium	88-1	1176595	1171190	1161951	1169912	0.63	cps
Sulfur	34-1	393676	402126	396715	397505	1.08	cps
Terbium	159-1	9680525	9607669	9897662	9728618	1.55	cps
Terbium	159-2	4073408	4133446	3964665	4057173	2.11	cps
Thallium	203-1	492	708	633	611	18.01	cps
Thallium	205-1	1167	1550	1500	1406	14.83	cps
Tin	118-1	10930	10696	10863	10830	1.11	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-08LX5	Instrumnet Name :	P8
Client Sample ID :	C00X0L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 15:44:48	DataFile Name :	062AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	158	225	325	236	35.53	cps
Uranium	238-1	33	33	58	42	34.65	cps
Vanadium	51-2	23	7	23	18	54.11	cps
Ytterbium	172-1	58	75	50	61	20.83	cps
Ytterbium	172-2	44	22	22	30	43.32	cps
Ytterbium	176-1	992	967	883	947	5.99	cps
Ytterbium	176-2	5718	6157	6229	6035	4.59	cps
Yttrium	89-1	15565933	15211335	14955404	15244224	2.01	cps
Yttrium	89-2	1486706	1516064	1458456	1487075	1.94	cps
Zinc	66-2	240	207	190	212	12.00	cps
Zirconium	90-1	783	758	792	778	2.23	cps
Zirconium	91-1	142	142	200	161	20.91	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-10	Instrumnet Name :	P8
Client Sample ID :	C00X0S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:47:49	DataFile Name :	063AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	81742	82074	80556	81458	0.98	cps
Antimony	121-1	520920	520327	529050	523432	0.93	cps
Arsenic	75-2	5874	5841	5632	5782	2.27	cps
Barium	135-1	3194826	3206126	3230349	3210434	0.57	cps
Barium	137-1	7232393	7434558	7360452	7342468	1.39	cps
Beryllium	9-1	68545	68650	69763	68986	0.98	cps
Bismuth	209-1	5308336	5444542	5638366	5463748	3.04	cps
Bismuth	209-2	2973995	3012137	2990710	2992281	0.64	cps
Boron	10-1	4482	4620	4700	4600	2.40	cps
Boron	11-1	20879	22419	22517	21938	4.19	cps
Bromine	81-1	30184	32792	32983	31986	4.89	cps
Cadmium	111-1	66827	66290	65926	66348	0.68	cps
Cadmium	106-1	9437	9670	8978	9362	3.76	cps
Cadmium	108-1	4284	4388	4501	4391	2.47	cps
Calcium	43-1	388997	389965	391395	390119	0.31	cps
Calcium	44-1	6246822	6289961	5988172	6174985	2.64	cps
Carbon	12-1	7258713	7946971	8588025	7931236	8.38	cps
Carbon	12-2	98104	101578	104246	101309	3.04	cps
Chlorine	35-1	3174470	4025629	4630344	3943481	18.55	cps
Chlorine	35-2	39170	42021	43524	41572	5.32	cps
Chromium	52-2	318170	321815	315839	318608	0.95	cps
Cobalt	59-2	1493144	1450324	1457156	1466875	1.57	cps
Copper	63-2	544454	541881	540598	542311	0.36	cps
Dysprosium	156-1	367	250	317	311	18.81	cps
Dysprosium	156-2	173	190	133	166	17.59	cps
Erbium	164-1	608	567	517	564	8.14	cps
Erbium	164-2	257	277	263	266	3.83	cps
Gadolinium	160-1	367	508	425	433	16.43	cps
Gadolinium	160-2	217	240	260	239	9.08	cps
Holmium	165-1	9269425	9234768	9330218	9278137	0.52	cps
Holmium	165-2	4195364	4276898	4275679	4249314	1.10	cps
Indium	115-1	8044720	8092653	8217964	8118446	1.10	cps
Indium	115-2	1125674	1145727	1152715	1141372	1.23	cps
Iron	54-2	192915	189518	191218	191217	0.89	cps
Iron	56-2	3335180	3305793	3301159	3314044	0.56	cps
Iron	57-2	81298	80282	81147	80909	0.68	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-10	Instrumnet Name :	P8
Client Sample ID :	C00X0S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:47:49	DataFile Name :	063AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1100	1190	1057	1116	6.10	cps
Lead	206-1	72206	73027	74189	73141	1.36	cps
Lead	207-1	64488	66085	65298	65290	1.22	cps
Lead	208-1	289892	294928	296047	293622	1.12	cps
Lithium	6-1	2898591	2823585	2854833	2859003	1.32	cps
Magnesium	24-2	876933	888378	865545	876952	1.30	cps
Manganese	55-2	451997	455576	439007	448860	1.94	cps
Molybdenum	94-1	592	775	650	672	13.93	cps
Molybdenum	95-1	642	750	750	714	8.76	cps
Molybdenum	96-1	833	908	800	847	6.55	cps
Molybdenum	97-1	275	325	383	328	16.54	cps
Molybdenum	98-1	1117	1125	1225	1156	5.22	cps
Neodymium	150-1	313	267	233	271	14.82	cps
Neodymium	150-2	37	37	17	30	38.49	cps
Nickel	60-2	394815	398299	383905	392339	1.91	cps
Phosphorus	31-2	433	275	392	367	22.38	cps
Potassium	39-2	209711	204602	209464	207926	1.39	cps
Rhodium	103-1	7649897	7704565	7726421	7693628	0.51	cps
Rhodium	103-2	3442067	3586517	3465888	3498157	2.21	cps
Scandium	45-1	6095022	6163989	5963924	6074312	1.67	cps
Scandium	45-2	181054	183308	183541	182634	0.75	cps
Selenium	82-1	9704	9790	9987	9827	1.48	cps
Selenium	77-2	250	307	257	271	11.42	cps
Selenium	78-2	951	937	959	949	1.17	cps
Silicon	28-1	21283995	21198535	21555715	21346082	0.87	cps
Silver	107-1	407734	407102	400726	405187	0.96	cps
Silver	109-1	378199	391134	391548	386960	1.96	cps
Sodium	23-2	8604378	8775842	8565185	8648468	1.30	cps
Strontium	86-1	712939	737073	718576	722863	1.75	cps
Strontium	88-1	5900371	6071326	6158085	6043260	2.17	cps
Sulfur	34-1	689153	694125	691241	691507	0.36	cps
Terbium	159-1	9670842	9895957	10239477	9935425	2.88	cps
Terbium	159-2	4073225	4149376	4071966	4098189	1.08	cps
Thallium	203-1	222247	224500	230319	225689	1.85	cps
Thallium	205-1	515096	540481	540398	531991	2.75	cps
Tin	118-1	2384	2675	3075	2711	12.81	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-10	Instrumnet Name :	P8
Client Sample ID :	C00X0S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:47:49	DataFile Name :	063AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	533	508	542	528	3.29	cps
Uranium	238-1	250	183	200	211	16.43	cps
Vanadium	51-2	654336	648772	647981	650363	0.53	cps
Ytterbium	172-1	158	217	200	192	15.68	cps
Ytterbium	172-2	117	78	128	107	24.44	cps
Ytterbium	176-1	1033	1117	1033	1061	4.53	cps
Ytterbium	176-2	5751	6190	6413	6118	5.50	cps
Yttrium	89-1	15075549	15559815	15481067	15372144	1.69	cps
Yttrium	89-2	1494331	1520871	1530222	1515141	1.23	cps
Zinc	66-2	114144	116265	110572	113660	2.53	cps
Zirconium	90-1	900	1058	992	983	8.09	cps
Zirconium	91-1	292	200	283	258	19.62	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-11	Instrumnet Name :	P8
Client Sample ID :	C00X3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:50:47	DataFile Name :	064AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	250	197	195	214	14.50	cps
Antimony	121-1	233	275	275	261	9.21	cps
Arsenic	75-2	12	12	12	12	0.00	cps
Barium	135-1	1200	917	817	978	20.34	cps
Barium	137-1	2754	2100	1690	2181	24.59	cps
Beryllium	9-1	184	180	156	173	8.74	cps
Bismuth	209-1	5572559	5564487	5512108	5549718	0.59	cps
Bismuth	209-2	3043813	3044798	2935479	3008030	2.09	cps
Boron	10-1	1368	1284	1320	1324	3.18	cps
Boron	11-1	6740	6420	6136	6432	4.70	cps
Bromine	81-1	23283	21790	21799	22291	3.86	cps
Cadmium	111-1	531	519	521	524	1.30	cps
Cadmium	106-1	3501	3467	3451	3473	0.73	cps
Cadmium	108-1	63	50	33	49	30.11	cps
Calcium	43-1	890	782	736	803	9.82	cps
Calcium	44-1	29526	28765	28173	28821	2.35	cps
Carbon	12-1	6819527	7393400	7858282	7357070	7.07	cps
Carbon	12-2	85266	87042	87386	86565	1.31	cps
Chlorine	35-1	2198761	2060435	1970261	2076486	5.54	cps
Chlorine	35-2	10946	11171	9995	10704	5.83	cps
Chromium	52-2	1033	927	1060	1007	7.01	cps
Cobalt	59-2	327	197	253	259	25.18	cps
Copper	63-2	2630	2694	2657	2660	1.20	cps
Dysprosium	156-1	17	8	25	17	50.01	cps
Dysprosium	156-2	0	0	10	3	173.21	cps
Erbium	164-1	50	50	92	64	37.66	cps
Erbium	164-2	20	7	23	17	52.90	cps
Gadolinium	160-1	50	83	92	75	29.40	cps
Gadolinium	160-2	73	80	83	79	6.45	cps
Holmium	165-1	9504729	9686475	9102203	9431136	3.17	cps
Holmium	165-2	4111762	4200980	4172921	4161887	1.10	cps
Indium	115-1	7907363	8256157	8225413	8129644	2.38	cps
Indium	115-2	1113765	1120501	1103215	1112494	0.78	cps
Iron	54-2	767	689	683	713	6.54	cps
Iron	56-2	9987	9309	9287	9527	4.18	cps
Iron	57-2	356	244	394	331	23.48	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-11	Instrumnet Name :	P8
Client Sample ID :	C00X3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:50:47	DataFile Name :	064AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1117	1040	1160	1106	5.50	cps
Lead	206-1	800	911	767	826	9.16	cps
Lead	207-1	789	761	844	798	5.32	cps
Lead	208-1	3195	3528	3439	3387	5.10	cps
Lithium	6-1	3026213	2966565	2909150	2967309	1.97	cps
Magnesium	24-2	1092	1117	1083	1097	1.58	cps
Manganese	55-2	490	350	377	406	18.33	cps
Molybdenum	94-1	308	233	333	292	17.84	cps
Molybdenum	95-1	158	125	117	133	16.54	cps
Molybdenum	96-1	242	250	242	244	1.97	cps
Molybdenum	97-1	108	58	75	81	31.60	cps
Molybdenum	98-1	192	200	208	200	4.17	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	223	167	127	172	28.20	cps
Phosphorus	31-2	133	142	183	153	17.53	cps
Potassium	39-2	17453	17611	17119	17394	1.44	cps
Rhodium	103-1	7654535	7747593	7761834	7721321	0.75	cps
Rhodium	103-2	3432703	3558898	3457452	3483017	1.92	cps
Scandium	45-1	6085099	6028877	6102026	6072001	0.63	cps
Scandium	45-2	179047	182890	177766	179901	1.48	cps
Selenium	82-1	13	41	-79	-8	-761.19	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	33	44	38	38	14.37	cps
Silicon	28-1	576614	584772	581750	581045	0.71	cps
Silver	107-1	417	458	317	397	18.33	cps
Silver	109-1	558	408	250	406	38.02	cps
Sodium	23-2	26041	25114	25323	25492	1.91	cps
Strontium	86-1	2067	2325	2242	2211	5.96	cps
Strontium	88-1	4634	3792	3534	3987	14.43	cps
Sulfur	34-1	328787	328814	328765	328789	0.01	cps
Terbium	159-1	9603534	9890989	9866238	9786920	1.63	cps
Terbium	159-2	4006034	4157789	4057331	4073718	1.89	cps
Thallium	203-1	683	683	667	678	1.42	cps
Thallium	205-1	1684	1658	1625	1656	1.77	cps
Tin	118-1	2842	3150	2850	2948	5.96	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-11	Instrumnet Name :	P8
Client Sample ID :	C00X3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:50:47	DataFile Name :	064AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	233	300	242	258	14.06	cps
Uranium	238-1	42	33	0	25	88.19	cps
Vanadium	51-2	97	73	87	86	13.69	cps
Ytterbium	172-1	33	17	58	36	58.07	cps
Ytterbium	172-2	11	17	11	13	24.76	cps
Ytterbium	176-1	950	942	967	953	1.34	cps
Ytterbium	176-2	6040	6357	6635	6344	4.69	cps
Yttrium	89-1	14820751	15454455	15322189	15199132	2.20	cps
Yttrium	89-2	1501807	1526301	1491403	1506504	1.19	cps
Zinc	66-2	597	410	447	484	20.42	cps
Zirconium	90-1	883	892	758	844	8.85	cps
Zirconium	91-1	133	183	133	150	19.24	cps

LB Number : LB117862 Operator : Jaswal
 Lab Sample ID : M5042-12 Instrumnet Name : P8
 Client Sample ID : C00X5 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-16 15:53:49 DataFile Name : 065AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	350	340	296	329	8.69	cps
Antimony	121-1	292	250	358	300	18.22	cps
Arsenic	75-2	350	362	326	346	5.30	cps
Barium	135-1	110340	113701	111676	111905	1.51	cps
Barium	137-1	262500	261550	261569	261873	0.21	cps
Beryllium	9-1	124	160	190	158	20.91	cps
Bismuth	209-1	5553093	5406958	5482557	5480869	1.33	cps
Bismuth	209-2	2926826	3039279	3196950	3054352	4.44	cps
Boron	10-1	3166	3342	3498	3335	4.98	cps
Boron	11-1	14789	16146	17129	16021	7.33	cps
Bromine	81-1	28539	30465	31688	30230	5.25	cps
Cadmium	111-1	532	515	487	511	4.45	cps
Cadmium	106-1	3817	3417	3300	3512	7.72	cps
Cadmium	108-1	25	50	46	40	33.25	cps
Calcium	43-1	532820	546312	543736	540956	1.32	cps
Calcium	44-1	8650093	8644734	8682232	8659020	0.23	cps
Carbon	12-1	7673683	7841493	8479196	7998124	5.31	cps
Carbon	12-2	94723	95342	95873	95313	0.60	cps
Chlorine	35-1	1333632	1377485	1326769	1345962	2.04	cps
Chlorine	35-2	7727	7786	8211	7908	3.34	cps
Chromium	52-2	903	903	877	894	1.72	cps
Cobalt	59-2	520	460	410	463	11.89	cps
Copper	63-2	680	740	717	712	4.25	cps
Dysprosium	156-1	108	58	117	94	33.41	cps
Dysprosium	156-2	43	40	40	41	4.68	cps
Erbium	164-1	125	142	183	150	20.03	cps
Erbium	164-2	83	67	53	68	22.18	cps
Gadolinium	160-1	150	133	133	139	6.93	cps
Gadolinium	160-2	97	123	113	111	12.13	cps
Holmium	165-1	9226846	9182386	9344923	9251385	0.91	cps
Holmium	165-2	4046298	4150349	4503895	4233514	5.67	cps
Indium	115-1	8339409	8122063	8269227	8243566	1.35	cps
Indium	115-2	1102826	1159018	1202414	1154753	4.32	cps
Iron	54-2	614594	597652	597379	603208	1.63	cps
Iron	56-2	10866780	10859668	11090910	10939119	1.20	cps
Iron	57-2	272411	268469	269152	270011	0.78	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-12	Instrumnet Name :	P8
Client Sample ID :	C00X5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:53:49	DataFile Name :	065AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1083	1187	1013	1095	7.97	cps
Lead	206-1	950	861	906	906	4.91	cps
Lead	207-1	622	700	817	713	13.73	cps
Lead	208-1	3372	3400	3689	3487	5.03	cps
Lithium	6-1	2858673	2880969	2948046	2895896	1.61	cps
Magnesium	24-2	1316680	1295693	1296605	1302993	0.91	cps
Manganese	55-2	370187	368452	372312	370317	0.52	cps
Molybdenum	94-1	775	658	858	764	13.15	cps
Molybdenum	95-1	525	692	575	597	14.32	cps
Molybdenum	96-1	1017	1042	1250	1103	11.62	cps
Molybdenum	97-1	350	417	317	361	14.10	cps
Molybdenum	98-1	925	933	1108	989	10.47	cps
Neodymium	150-1	33	87	47	56	49.96	cps
Neodymium	150-2	10	7	10	9	21.63	cps
Nickel	60-2	653	600	570	608	6.94	cps
Phosphorus	31-2	175	375	217	256	41.29	cps
Potassium	39-2	241203	230697	232875	234925	2.36	cps
Rhodium	103-1	7720174	7610342	7730358	7686958	0.87	cps
Rhodium	103-2	3448823	3563431	3666383	3559545	3.06	cps
Scandium	45-1	5936697	6059851	6010505	6002351	1.03	cps
Scandium	45-2	181660	188058	195162	188293	3.59	cps
Selenium	82-1	77	-95	99	27	391.44	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	40	42	51	44	13.23	cps
Silicon	28-1	17741000	17536896	17647691	17641862	0.58	cps
Silver	107-1	300	167	258	242	28.23	cps
Silver	109-1	167	142	158	156	8.18	cps
Sodium	23-2	3208894	3237483	3191158	3212512	0.73	cps
Strontium	86-1	759087	780436	759660	766394	1.59	cps
Strontium	88-1	6302580	6391475	6505763	6399939	1.59	cps
Sulfur	34-1	1008328	872218	855189	911912	9.20	cps
Terbium	159-1	9911243	10164988	10446459	10174230	2.63	cps
Terbium	159-2	4047659	4247973	4400878	4232170	4.19	cps
Thallium	203-1	575	508	483	522	9.07	cps
Thallium	205-1	1233	1392	1267	1297	6.44	cps
Tin	118-1	2717	2484	2917	2706	8.02	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-12	Instrumnet Name :	P8
Client Sample ID :	C00X5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:53:49	DataFile Name :	065AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	450	608	400	486	22.37	cps
Uranium	238-1	117	125	158	133	16.54	cps
Vanadium	51-2	43	63	77	61	27.46	cps
Ytterbium	172-1	67	50	25	47	44.41	cps
Ytterbium	172-2	33	22	22	26	24.74	cps
Ytterbium	176-1	983	883	1042	970	8.26	cps
Ytterbium	176-2	5879	5957	6746	6194	7.75	cps
Yttrium	89-1	15105071	15104857	15308455	15172794	0.77	cps
Yttrium	89-2	1475889	1561561	1563191	1533547	3.26	cps
Zinc	66-2	783	777	737	766	3.30	cps
Zirconium	90-1	1075	1025	1158	1086	6.20	cps
Zirconium	91-1	225	158	200	194	17.32	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-13	Instrumnet Name :	P8
Client Sample ID :	C00X7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:56:49	DataFile Name :	066AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	274	250	236	253	7.49	cps
Antimony	121-1	142	167	125	144	14.52	cps
Arsenic	75-2	70	78	84	77	9.08	cps
Barium	135-1	63793	61825	62487	62702	1.60	cps
Barium	137-1	147980	146352	146413	146915	0.63	cps
Beryllium	9-1	164	124	144	144	13.89	cps
Bismuth	209-1	5397146	5614072	5506010	5505743	1.97	cps
Bismuth	209-2	2820621	2908790	3016020	2915143	3.36	cps
Boron	10-1	3034	3370	3260	3221	5.32	cps
Boron	11-1	14795	15469	16166	15477	4.43	cps
Bromine	81-1	27004	28418	30545	28656	6.22	cps
Cadmium	111-1	516	515	543	525	3.07	cps
Cadmium	106-1	3784	3567	3759	3703	3.20	cps
Cadmium	108-1	38	50	67	51	28.48	cps
Calcium	43-1	487039	490383	490969	489464	0.43	cps
Calcium	44-1	7882280	7917676	7741482	7847146	1.19	cps
Carbon	12-1	7623999	7973602	8447757	8015119	5.16	cps
Carbon	12-2	94044	96259	97013	95772	1.61	cps
Chlorine	35-1	1127046	1113939	1079761	1106915	2.21	cps
Chlorine	35-2	6760	6293	6076	6377	5.48	cps
Chromium	52-2	967	960	950	959	0.87	cps
Cobalt	59-2	183	170	197	183	7.27	cps
Copper	63-2	2220	2294	2234	2249	1.74	cps
Dysprosium	156-1	100	67	83	83	20.00	cps
Dysprosium	156-2	50	33	50	44	21.66	cps
Erbium	164-1	150	258	242	217	26.92	cps
Erbium	164-2	87	117	83	96	19.21	cps
Gadolinium	160-1	200	200	117	172	27.94	cps
Gadolinium	160-2	137	130	157	141	9.84	cps
Holmium	165-1	9191340	9526018	9466799	9394719	1.90	cps
Holmium	165-2	4030856	4193886	4259664	4161469	2.83	cps
Indium	115-1	8226055	8499973	8404382	8376803	1.66	cps
Indium	115-2	1090676	1115401	1159347	1121808	3.10	cps
Iron	54-2	362088	353254	348096	354479	2.00	cps
Iron	56-2	6397323	6561376	6627085	6528595	1.81	cps
Iron	57-2	160389	163846	163535	162590	1.18	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-13	Instrumnet Name :	P8
Client Sample ID :	C00X7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:56:49	DataFile Name :	066AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1127	1220	1070	1139	6.65	cps
Lead	206-1	772	928	844	848	9.18	cps
Lead	207-1	772	700	694	722	6.01	cps
Lead	208-1	3228	3522	3306	3352	4.55	cps
Lithium	6-1	2916265	2920501	3018618	2951795	1.96	cps
Magnesium	24-2	1195926	1147635	1195396	1179652	2.35	cps
Manganese	55-2	284200	286236	284105	284847	0.42	cps
Molybdenum	94-1	467	525	408	467	12.50	cps
Molybdenum	95-1	325	317	250	297	13.83	cps
Molybdenum	96-1	575	442	433	483	16.45	cps
Molybdenum	97-1	67	150	133	117	37.79	cps
Molybdenum	98-1	483	483	383	450	12.83	cps
Neodymium	150-1	40	47	33	40	16.68	cps
Neodymium	150-2	33	17	7	19	71.30	cps
Nickel	60-2	513	553	557	541	4.46	cps
Phosphorus	31-2	217	225	258	233	9.45	cps
Potassium	39-2	163869	163733	164586	164063	0.28	cps
Rhodium	103-1	7962567	7900916	7965323	7942935	0.46	cps
Rhodium	103-2	3515508	3399482	3495310	3470100	1.79	cps
Scandium	45-1	6305122	6221208	6069367	6198566	1.93	cps
Scandium	45-2	175709	178251	185283	179748	2.76	cps
Selenium	82-1	-1	-110	1	-37	-173.22	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	46	34	28	36	25.46	cps
Silicon	28-1	18516264	18279075	18956626	18583988	1.85	cps
Silver	107-1	175	208	217	200	11.02	cps
Silver	109-1	125	158	150	144	12.01	cps
Sodium	23-2	3679337	3616929	3580149	3625472	1.38	cps
Strontium	86-1	739372	730817	732033	734074	0.63	cps
Strontium	88-1	6298274	6184118	6250005	6244132	0.92	cps
Sulfur	34-1	912805	936134	904681	917873	1.78	cps
Terbium	159-1	10085060	9967145	9931714	9994640	0.80	cps
Terbium	159-2	4032640	4032057	4107058	4057252	1.06	cps
Thallium	203-1	517	633	533	561	11.25	cps
Thallium	205-1	1517	1442	1167	1375	13.40	cps
Tin	118-1	2492	2792	2592	2625	5.82	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-13	Instrumnet Name :	P8
Client Sample ID :	C00X7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:56:49	DataFile Name :	066AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	558	525	475	519	8.08	cps
Uranium	238-1	50	50	83	61	31.50	cps
Vanadium	51-2	47	37	60	48	24.50	cps
Ytterbium	172-1	100	92	58	83	26.46	cps
Ytterbium	172-2	33	67	22	41	56.78	cps
Ytterbium	176-1	875	1000	1075	983	10.28	cps
Ytterbium	176-2	5879	6507	6335	6241	5.20	cps
Yttrium	89-1	15671786	15324491	15835927	15610735	1.67	cps
Yttrium	89-2	1468898	1467443	1495022	1477121	1.05	cps
Zinc	66-2	910	923	943	926	1.81	cps
Zirconium	90-1	758	825	1017	867	15.48	cps
Zirconium	91-1	175	142	150	156	11.15	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-14	Instrumnet Name :	P8
Client Sample ID :	C00X9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:59:47	DataFile Name :	067AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	267	296	269	277	5.86	cps
Antimony	121-1	108	267	133	169	50.23	cps
Arsenic	75-2	26	36	30	31	16.41	cps
Barium	135-1	75963	78201	75168	76444	2.06	cps
Barium	137-1	172659	179183	177816	176553	1.95	cps
Beryllium	9-1	148	184	170	167	10.85	cps
Bismuth	209-1	5562748	5672022	5307515	5514095	3.39	cps
Bismuth	209-2	2995875	2966051	3011801	2991242	0.78	cps
Boron	10-1	2650	2748	2750	2716	2.10	cps
Boron	11-1	12297	12915	13117	12776	3.35	cps
Bromine	81-1	25449	25309	24407	25055	2.26	cps
Cadmium	111-1	502	575	476	518	9.85	cps
Cadmium	106-1	3942	4034	3542	3840	6.81	cps
Cadmium	108-1	50	67	63	60	14.53	cps
Calcium	43-1	461371	464582	468554	464836	0.77	cps
Calcium	44-1	7399332	7624898	7541413	7521881	1.52	cps
Carbon	12-1	7726865	8356865	8786225	8289985	6.43	cps
Carbon	12-2	99278	99456	98172	98968	0.70	cps
Chlorine	35-1	901519	896973	901933	900142	0.31	cps
Chlorine	35-2	5460	4693	5218	5123	7.65	cps
Chromium	52-2	1297	1160	1013	1157	12.25	cps
Cobalt	59-2	7936	8012	8192	8047	1.64	cps
Copper	63-2	8779	8503	8523	8602	1.79	cps
Dysprosium	156-1	33	50	42	42	20.00	cps
Dysprosium	156-2	17	3	27	16	75.27	cps
Erbium	164-1	125	75	67	89	35.49	cps
Erbium	164-2	17	40	43	33	43.58	cps
Gadolinium	160-1	117	117	100	111	8.66	cps
Gadolinium	160-2	87	97	83	89	7.81	cps
Holmium	165-1	9390577	9443809	9142611	9325666	1.72	cps
Holmium	165-2	4221428	4118430	4344005	4227954	2.67	cps
Indium	115-1	8028146	8623861	7916816	8189608	4.64	cps
Indium	115-2	1140733	1136647	1151486	1142955	0.67	cps
Iron	54-2	506990	492627	502029	500548	1.46	cps
Iron	56-2	9375523	9156882	9282119	9271508	1.18	cps
Iron	57-2	231004	229961	230421	230462	0.23	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-14	Instrumnet Name :	P8
Client Sample ID :	C00X9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:59:47	DataFile Name :	067AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1070	1213	1060	1115	7.70	cps
Lead	206-1	922	1045	1022	996	6.54	cps
Lead	207-1	806	733	650	730	10.67	cps
Lead	208-1	3467	3845	3684	3665	5.17	cps
Lithium	6-1	3018232	2894146	2836356	2916245	3.19	cps
Magnesium	24-2	1427575	1423041	1408709	1419775	0.69	cps
Manganese	55-2	660698	658666	649340	656235	0.92	cps
Molybdenum	94-1	675	675	583	644	8.21	cps
Molybdenum	95-1	683	750	617	683	9.76	cps
Molybdenum	96-1	950	875	1058	961	9.59	cps
Molybdenum	97-1	358	433	225	339	31.14	cps
Molybdenum	98-1	800	825	950	858	9.36	cps
Neodymium	150-1	47	27	7	27	74.99	cps
Neodymium	150-2	10	7	0	6	91.64	cps
Nickel	60-2	2840	2670	2874	2795	3.90	cps
Phosphorus	31-2	175	200	358	244	40.67	cps
Potassium	39-2	205161	205237	209276	206558	1.14	cps
Rhodium	103-1	7643461	8026837	7541143	7737147	3.31	cps
Rhodium	103-2	3510100	3448753	3669551	3542801	3.22	cps
Scandium	45-1	6175455	6307129	5881947	6121511	3.56	cps
Scandium	45-2	182238	180998	183118	182118	0.59	cps
Selenium	82-1	20	-88	64	-1	-5823.06	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	31	39	33	34	12.13	cps
Silicon	28-1	25672255	25690121	25904670	25755682	0.50	cps
Silver	107-1	133	158	217	169	25.24	cps
Silver	109-1	92	183	117	131	36.30	cps
Sodium	23-2	3423010	3392768	3393755	3403178	0.50	cps
Strontium	86-1	608433	614734	613511	612226	0.55	cps
Strontium	88-1	5238969	5271576	5279760	5263435	0.41	cps
Sulfur	34-1	1201503	1224219	1178625	1201449	1.90	cps
Terbium	159-1	10170700	10087037	9692275	9983337	2.56	cps
Terbium	159-2	4059411	4032513	4182388	4091437	1.95	cps
Thallium	203-1	492	525	667	561	16.56	cps
Thallium	205-1	1442	1425	1233	1367	8.47	cps
Tin	118-1	2342	2659	2459	2486	6.44	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-14	Instrumnet Name :	P8
Client Sample ID :	C00X9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 15:59:47	DataFile Name :	067AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	542	667	558	589	11.53	cps
Uranium	238-1	250	283	317	283	11.76	cps
Vanadium	51-2	47	33	43	41	16.89	cps
Ytterbium	172-1	33	67	58	53	32.87	cps
Ytterbium	172-2	28	22	22	24	13.33	cps
Ytterbium	176-1	1067	1017	958	1014	5.35	cps
Ytterbium	176-2	5646	6374	6329	6116	6.67	cps
Yttrium	89-1	15611738	15660158	14810390	15360762	3.11	cps
Yttrium	89-2	1494796	1497010	1529871	1507226	1.30	cps
Zinc	66-2	597	677	590	621	7.76	cps
Zirconium	90-1	942	917	1092	983	9.63	cps
Zirconium	91-1	217	192	175	194	10.78	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-15	Instrumnet Name :	P8
Client Sample ID :	C00Y1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 16:02:48	DataFile Name :	068AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	304	339	324	322	5.45	cps
Antimony	121-1	150	233	158	181	25.42	cps
Arsenic	75-2	76	91	102	90	14.55	cps
Barium	135-1	192886	196227	194246	194453	0.86	cps
Barium	137-1	457395	459987	452673	456685	0.81	cps
Beryllium	9-1	144	126	188	153	20.89	cps
Bismuth	209-1	5446379	5536832	5503860	5495690	0.83	cps
Bismuth	209-2	2824127	2851767	2945216	2873703	2.21	cps
Boron	10-1	2718	3060	3162	2980	7.80	cps
Boron	11-1	13688	15007	15525	14740	6.43	cps
Bromine	81-1	37669	41605	43723	40999	7.49	cps
Cadmium	111-1	524	492	514	510	3.27	cps
Cadmium	106-1	3567	3559	4017	3714	7.06	cps
Cadmium	108-1	58	71	58	62	11.55	cps
Calcium	43-1	270554	271614	271011	271060	0.20	cps
Calcium	44-1	4175068	4360866	4459568	4331834	3.33	cps
Carbon	12-1	7893488	8491227	8960046	8448254	6.33	cps
Carbon	12-2	98851	98724	100279	99285	0.87	cps
Chlorine	35-1	868717	877215	882748	876227	0.81	cps
Chlorine	35-2	5301	5043	5735	5360	6.52	cps
Chromium	52-2	2244	2260	1980	2161	7.27	cps
Cobalt	59-2	340	297	287	308	9.21	cps
Copper	63-2	747	800	763	770	3.54	cps
Dysprosium	156-1	233	183	133	183	27.27	cps
Dysprosium	156-2	57	77	77	70	16.49	cps
Erbium	164-1	208	292	233	244	17.49	cps
Erbium	164-2	83	80	103	89	14.20	cps
Gadolinium	160-1	367	242	225	278	27.87	cps
Gadolinium	160-2	153	130	173	152	14.25	cps
Holmium	165-1	9420621	9420838	9692390	9511283	1.65	cps
Holmium	165-2	3978341	4202716	4232381	4137813	3.36	cps
Indium	115-1	8430730	7949677	8075036	8151815	3.06	cps
Indium	115-2	1076451	1127186	1148159	1117265	3.30	cps
Iron	54-2	1118517	1146470	1132844	1132611	1.23	cps
Iron	56-2	21399322	21534955	21879655	21604644	1.15	cps
Iron	57-2	516581	530473	528186	525080	1.42	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-15	Instrumnet Name :	P8
Client Sample ID :	C00Y1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 16:02:48	DataFile Name :	068AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1053	1060	1020	1044	2.05	cps
Lead	206-1	861	850	889	867	2.31	cps
Lead	207-1	722	800	689	737	7.74	cps
Lead	208-1	3150	3467	3345	3321	4.81	cps
Lithium	6-1	3023438	2825014	2889389	2912614	3.48	cps
Magnesium	24-2	875557	880758	875640	877318	0.34	cps
Manganese	55-2	717719	710715	702653	710362	1.06	cps
Molybdenum	94-1	600	558	475	544	11.69	cps
Molybdenum	95-1	358	600	375	444	30.37	cps
Molybdenum	96-1	1117	1158	1108	1128	2.38	cps
Molybdenum	97-1	333	325	267	308	11.78	cps
Molybdenum	98-1	725	800	550	692	18.55	cps
Neodymium	150-1	107	113	40	87	46.79	cps
Neodymium	150-2	37	50	20	36	42.27	cps
Nickel	60-2	1130	970	960	1020	9.35	cps
Phosphorus	31-2	392	283	242	306	25.34	cps
Potassium	39-2	160386	166827	167037	164750	2.29	cps
Rhodium	103-1	7875859	7862406	7901977	7880081	0.26	cps
Rhodium	103-2	3281933	3412714	3476425	3390357	2.92	cps
Scandium	45-1	5985706	6113183	6245278	6114722	2.12	cps
Scandium	45-2	172756	179090	181754	177867	2.60	cps
Selenium	82-1	63	71	147	94	49.62	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	35	41	43	40	10.50	cps
Silicon	28-1	18071696	17551975	18137524	17920398	1.79	cps
Silver	107-1	142	133	125	133	6.25	cps
Silver	109-1	67	100	125	97	30.10	cps
Sodium	23-2	4614828	4649836	4548781	4604482	1.11	cps
Strontium	86-1	230434	233222	232968	232208	0.66	cps
Strontium	88-1	1987089	1986685	2039855	2004543	1.53	cps
Sulfur	34-1	676941	671403	668696	672347	0.63	cps
Terbium	159-1	10143574	9675430	9883083	9900695	2.37	cps
Terbium	159-2	4029192	4010432	4145070	4061564	1.80	cps
Thallium	203-1	667	508	675	617	15.23	cps
Thallium	205-1	1300	1333	1325	1320	1.31	cps
Tin	118-1	2892	2509	2575	2659	7.70	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-15	Instrumnet Name :	P8
Client Sample ID :	C00Y1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 16:02:48	DataFile Name :	068AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	417	442	525	461	12.30	cps
Uranium	238-1	117	92	108	106	12.06	cps
Vanadium	51-2	117	107	97	107	9.37	cps
Ytterbium	172-1	175	192	100	156	31.39	cps
Ytterbium	172-2	50	22	78	50	55.56	cps
Ytterbium	176-1	1433	1183	1025	1214	16.96	cps
Ytterbium	176-2	5546	6318	6413	6092	7.81	cps
Yttrium	89-1	15763691	15463715	15438139	15555182	1.16	cps
Yttrium	89-2	1410098	1450489	1535997	1465528	4.39	cps
Zinc	66-2	703	773	773	750	5.39	cps
Zirconium	90-1	883	1017	900	933	7.78	cps
Zirconium	91-1	175	258	225	219	19.11	cps

LB Number : LB117862 Operator : Jaswal
 Lab Sample ID : M5042-16 Instrumnet Name : P8
 Client Sample ID : C00Y3 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-16 16:05:47 DataFile Name : 069AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	277	244	280	267	7.58	cps
Antimony	121-1	225	192	233	217	10.18	cps
Arsenic	75-2	7	8	9	8	12.50	cps
Barium	135-1	208	225	183	206	10.20	cps
Barium	137-1	742	502	618	621	19.34	cps
Beryllium	9-1	132	158	126	139	12.27	cps
Bismuth	209-1	5519144	5325086	5351568	5398599	1.95	cps
Bismuth	209-2	2994179	2905577	2884525	2928094	1.99	cps
Boron	10-1	1144	990	950	1028	9.96	cps
Boron	11-1	5066	4896	4762	4908	3.10	cps
Bromine	81-1	23334	21960	22461	22585	3.08	cps
Cadmium	111-1	551	550	485	529	7.15	cps
Cadmium	106-1	4042	3884	3517	3815	7.06	cps
Cadmium	108-1	50	58	33	47	26.96	cps
Calcium	43-1	1777	1842	1762	1794	2.37	cps
Calcium	44-1	44557	44964	45041	44854	0.58	cps
Carbon	12-1	7889347	8170427	8921718	8327164	6.41	cps
Carbon	12-2	101518	108225	105034	104926	3.20	cps
Chlorine	35-1	743733	732016	713495	729748	2.09	cps
Chlorine	35-2	4467	4317	4409	4398	1.72	cps
Chromium	52-2	1173	1193	1117	1161	3.43	cps
Cobalt	59-2	103	70	63	79	27.17	cps
Copper	63-2	6245	5981	6245	6157	2.47	cps
Dysprosium	156-1	25	25	58	36	53.30	cps
Dysprosium	156-2	17	7	17	13	43.29	cps
Erbium	164-1	92	117	92	100	14.43	cps
Erbium	164-2	40	30	37	36	14.32	cps
Gadolinium	160-1	117	83	83	94	20.37	cps
Gadolinium	160-2	87	60	93	80	22.05	cps
Holmium	165-1	9418125	9198448	9003516	9206696	2.25	cps
Holmium	165-2	4230165	4221409	4187218	4212931	0.54	cps
Indium	115-1	8329213	8177495	7711481	8072730	3.99	cps
Indium	115-2	1132983	1112201	1130022	1125068	1.00	cps
Iron	54-2	1706	1561	1661	1643	4.50	cps
Iron	56-2	26508	25724	25735	25989	1.73	cps
Iron	57-2	722	672	789	728	8.04	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-16	Instrumnet Name :	P8
Client Sample ID :	C00Y3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 16:05:47	DataFile Name :	069AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1030	980	1133	1048	7.46	cps
Lead	206-1	1934	2184	2039	2052	6.12	cps
Lead	207-1	1695	1745	1667	1702	2.32	cps
Lead	208-1	7356	7857	8012	7742	4.43	cps
Lithium	6-1	3046798	2922066	2753170	2907345	5.07	cps
Magnesium	24-2	1442	1375	1450	1422	2.89	cps
Manganese	55-2	1013	953	1090	1019	6.72	cps
Molybdenum	94-1	375	383	325	361	8.74	cps
Molybdenum	95-1	192	158	133	161	18.16	cps
Molybdenum	96-1	292	225	250	256	13.18	cps
Molybdenum	97-1	117	92	125	111	15.61	cps
Molybdenum	98-1	275	175	317	256	28.49	cps
Neodymium	150-1	27	27	33	29	13.31	cps
Neodymium	150-2	3	10	7	7	50.03	cps
Nickel	60-2	267	240	250	252	5.34	cps
Phosphorus	31-2	142	125	108	125	13.33	cps
Potassium	39-2	25707	25139	24655	25167	2.09	cps
Rhodium	103-1	8152398	7714440	7337792	7734876	5.27	cps
Rhodium	103-2	3469669	3480608	3339448	3429908	2.29	cps
Scandium	45-1	6003769	6006632	5910396	5973599	0.92	cps
Scandium	45-2	183831	180119	180822	181590	1.09	cps
Selenium	82-1	43	115	-48	37	221.94	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	41	33	50	41	20.59	cps
Silicon	28-1	611386	618533	613686	614535	0.59	cps
Silver	107-1	175	150	225	183	20.83	cps
Silver	109-1	125	150	192	156	21.65	cps
Sodium	23-2	77013	75622	77045	76560	1.06	cps
Strontium	86-1	2125	2259	2209	2197	3.07	cps
Strontium	88-1	3951	3726	3409	3695	7.37	cps
Sulfur	34-1	356154	358977	355508	356880	0.52	cps
Terbium	159-1	10159966	9523788	9485945	9723233	3.89	cps
Terbium	159-2	4047641	4034812	4014793	4032415	0.41	cps
Thallium	203-1	650	583	367	533	27.78	cps
Thallium	205-1	1250	1217	1383	1283	6.87	cps
Tin	118-1	3217	3159	3451	3275	4.71	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-16	Instrumnet Name :	P8
Client Sample ID :	C00Y3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 16:05:47	DataFile Name :	069AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	192	225	325	247	28.07	cps
Uranium	238-1	17	33	17	22	43.28	cps
Vanadium	51-2	40	13	30	28	48.51	cps
Ytterbium	172-1	8	33	33	25	57.74	cps
Ytterbium	172-2	17	11	28	19	45.83	cps
Ytterbium	176-1	892	1258	900	1017	20.59	cps
Ytterbium	176-2	5712	6279	6218	6070	5.13	cps
Yttrium	89-1	15904034	15295495	15172964	15457498	2.53	cps
Yttrium	89-2	1468594	1463482	1468108	1466728	0.19	cps
Zinc	66-2	933	947	800	893	9.08	cps
Zirconium	90-1	858	892	817	856	4.39	cps
Zirconium	91-1	133	167	258	186	34.78	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-17	Instrumnet Name :	P8
Client Sample ID :	C00Y5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 16:08:52	DataFile Name :	070AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	434	352	390	392	10.37	cps
Antimony	121-1	183	167	192	181	7.05	cps
Arsenic	75-2	43	27	28	33	27.44	cps
Barium	135-1	164460	171200	166012	167224	2.11	cps
Barium	137-1	379096	388121	382445	383220	1.19	cps
Beryllium	9-1	158	168	158	161	3.58	cps
Bismuth	209-1	5411590	5543770	5581237	5512199	1.62	cps
Bismuth	209-2	3018917	2957437	2957615	2977990	1.19	cps
Boron	10-1	3598	3704	3828	3710	3.10	cps
Boron	11-1	16778	18108	18564	17817	5.21	cps
Bromine	81-1	36274	42026	44838	41046	10.63	cps
Cadmium	111-1	480	518	489	496	3.93	cps
Cadmium	106-1	3559	3842	3834	3745	4.31	cps
Cadmium	108-1	54	46	38	46	18.19	cps
Calcium	43-1	387129	389901	391214	389415	0.54	cps
Calcium	44-1	6280470	6246004	6428107	6318194	1.53	cps
Carbon	12-1	7948679	8331185	8938637	8406167	5.94	cps
Carbon	12-2	94959	97759	99571	97430	2.38	cps
Chlorine	35-1	740672	778200	773011	763961	2.66	cps
Chlorine	35-2	5093	4351	4784	4743	7.86	cps
Chromium	52-2	1777	1837	1567	1727	8.21	cps
Cobalt	59-2	380	363	317	353	9.29	cps
Copper	63-2	10020	10110	9657	9929	2.42	cps
Dysprosium	156-1	75	42	58	58	28.57	cps
Dysprosium	156-2	43	23	40	36	30.14	cps
Erbium	164-1	108	83	142	111	26.34	cps
Erbium	164-2	93	83	83	87	6.66	cps
Gadolinium	160-1	133	133	133	133	0.00	cps
Gadolinium	160-2	87	113	103	101	13.32	cps
Holmium	165-1	9280838	9615662	9699643	9532048	2.32	cps
Holmium	165-2	4248987	4128959	4121108	4166351	1.72	cps
Indium	115-1	7988127	8300494	8308561	8199060	2.23	cps
Indium	115-2	1142755	1142958	1137229	1140981	0.28	cps
Iron	54-2	438709	439171	442591	440157	0.48	cps
Iron	56-2	8070481	8158172	7986474	8071709	1.06	cps
Iron	57-2	196879	200517	194052	197149	1.64	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-17	Instrumnet Name :	P8
Client Sample ID :	C00Y5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 16:08:52	DataFile Name :	070AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1173	1177	1143	1165	1.58	cps
Lead	206-1	1667	1500	1517	1561	5.88	cps
Lead	207-1	1372	1528	1239	1380	10.48	cps
Lead	208-1	6278	6378	6084	6247	2.40	cps
Lithium	6-1	2921420	3077932	3017230	3005527	2.63	cps
Magnesium	24-2	1036880	1062600	1011500	1036993	2.46	cps
Manganese	55-2	256074	259021	251973	255689	1.38	cps
Molybdenum	94-1	425	392	417	411	4.22	cps
Molybdenum	95-1	183	250	158	197	24.03	cps
Molybdenum	96-1	483	583	475	514	11.73	cps
Molybdenum	97-1	167	75	100	114	41.61	cps
Molybdenum	98-1	300	283	308	297	4.28	cps
Neodymium	150-1	80	47	27	51	52.71	cps
Neodymium	150-2	13	7	20	13	49.99	cps
Nickel	60-2	933	930	930	931	0.21	cps
Phosphorus	31-2	208	242	333	261	24.79	cps
Potassium	39-2	185723	188854	187538	187372	0.84	cps
Rhodium	103-1	7776622	8008266	7776228	7853705	1.70	cps
Rhodium	103-2	3521792	3475409	3446040	3481080	1.10	cps
Scandium	45-1	6226934	6407996	6102362	6245764	2.46	cps
Scandium	45-2	187557	182312	181191	183687	1.85	cps
Selenium	82-1	-75	-67	-9	-50	-70.94	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	44	51	44	46	8.73	cps
Silicon	28-1	22160597	21288080	22526364	21991680	2.89	cps
Silver	107-1	183	100	133	139	30.20	cps
Silver	109-1	117	108	100	108	7.69	cps
Sodium	23-2	6852129	6946991	6571016	6790046	2.88	cps
Strontium	86-1	513797	506105	507129	509010	0.82	cps
Strontium	88-1	4295119	4295513	4398576	4329736	1.38	cps
Sulfur	34-1	846050	840794	847420	844755	0.41	cps
Terbium	159-1	10116230	10029339	9838423	9994664	1.42	cps
Terbium	159-2	4218374	4159012	4107350	4161579	1.33	cps
Thallium	203-1	575	608	475	553	12.55	cps
Thallium	205-1	1233	1250	1400	1295	7.09	cps
Tin	118-1	2459	2700	2834	2664	7.14	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-17	Instrumnet Name :	P8
Client Sample ID :	C00Y5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 16:08:52	DataFile Name :	070AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	508	567	425	500	14.24	cps
Uranium	238-1	83	83	67	78	12.37	cps
Vanadium	51-2	77	83	60	73	16.39	cps
Ytterbium	172-1	267	233	208	236	12.40	cps
Ytterbium	172-2	128	78	67	91	35.87	cps
Ytterbium	176-1	992	1333	1167	1164	14.68	cps
Ytterbium	176-2	5657	6368	6746	6257	8.84	cps
Yttrium	89-1	15596113	15580982	15394358	15523818	0.72	cps
Yttrium	89-2	1504426	1534818	1500539	1513261	1.24	cps
Zinc	66-2	483	513	567	521	8.10	cps
Zirconium	90-1	1150	900	875	975	15.60	cps
Zirconium	91-1	275	200	150	208	30.20	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-18	Instrumnet Name :	P8
Client Sample ID :	C00Y7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 16:11:51	DataFile Name :	071AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	347	310	294	317	8.69	cps
Antimony	121-1	6627	6785	6443	6618	2.59	cps
Arsenic	75-2	458	493	482	478	3.75	cps
Barium	135-1	187581	188976	188094	188217	0.38	cps
Barium	137-1	442414	439728	445201	442448	0.62	cps
Beryllium	9-1	146	176	144	155	11.54	cps
Bismuth	209-1	5395212	5509762	5400293	5435089	1.19	cps
Bismuth	209-2	2808912	2912890	2945602	2889135	2.47	cps
Boron	10-1	4790	5104	5456	5117	6.51	cps
Boron	11-1	23456	24674	26300	24810	5.75	cps
Bromine	81-1	40701	43200	45902	43268	6.01	cps
Cadmium	111-1	581	556	526	554	4.91	cps
Cadmium	106-1	3959	3934	4009	3967	0.96	cps
Cadmium	108-1	79	46	21	49	60.21	cps
Calcium	43-1	708808	708860	707410	708359	0.12	cps
Calcium	44-1	11565432	11110661	11531544	11402546	2.22	cps
Carbon	12-1	8120849	8939458	9149323	8736543	6.22	cps
Carbon	12-2	103987	98976	99346	100770	2.77	cps
Chlorine	35-1	701793	688987	703774	698185	1.15	cps
Chlorine	35-2	4476	4309	4442	4409	2.00	cps
Chromium	52-2	1360	1287	1237	1295	4.79	cps
Cobalt	59-2	32136	31769	32133	32013	0.66	cps
Copper	63-2	8316	7862	8116	8098	2.81	cps
Dysprosium	156-1	150	183	175	169	10.24	cps
Dysprosium	156-2	80	63	70	71	11.80	cps
Erbium	164-1	300	325	217	281	20.22	cps
Erbium	164-2	80	107	63	83	26.23	cps
Gadolinium	160-1	258	200	183	214	18.41	cps
Gadolinium	160-2	157	120	183	153	20.74	cps
Holmium	165-1	9281146	9500478	9549930	9443852	1.51	cps
Holmium	165-2	4034107	4067208	4125320	4075545	1.13	cps
Indium	115-1	7990528	8057104	8269816	8105816	1.80	cps
Indium	115-2	1075827	1113087	1121297	1103404	2.20	cps
Iron	54-2	288184	276325	280477	281662	2.14	cps
Iron	56-2	5336139	5272314	5186312	5264922	1.43	cps
Iron	57-2	128979	130520	127648	129049	1.11	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-18	Instrumnet Name :	P8
Client Sample ID :	C00Y7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 16:11:51	DataFile Name :	071AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1190	1143	1030	1121	7.34	cps
Lead	206-1	1028	1050	1122	1067	4.63	cps
Lead	207-1	911	756	906	857	10.29	cps
Lead	208-1	4234	4111	4406	4250	3.48	cps
Lithium	6-1	2866435	3049761	3051577	2989258	3.56	cps
Magnesium	24-2	1257700	1249842	1210536	1239359	2.04	cps
Manganese	55-2	429784	426530	417552	424622	1.49	cps
Molybdenum	94-1	2725	2909	2875	2836	3.44	cps
Molybdenum	95-1	4159	3984	4267	4137	3.46	cps
Molybdenum	96-1	4543	4468	4518	4509	0.85	cps
Molybdenum	97-1	2342	2625	2334	2434	6.82	cps
Molybdenum	98-1	6443	6627	6360	6477	2.11	cps
Neodymium	150-1	67	160	133	120	40.06	cps
Neodymium	150-2	27	27	30	28	6.92	cps
Nickel	60-2	13390	13163	13376	13310	0.96	cps
Phosphorus	31-2	117	100	108	108	7.69	cps
Potassium	39-2	449210	438368	442337	443305	1.24	cps
Rhodium	103-1	7742750	7762416	7763682	7756282	0.15	cps
Rhodium	103-2	3376309	3492072	3380544	3416308	1.92	cps
Scandium	45-1	6204297	6047795	6068721	6106938	1.39	cps
Scandium	45-2	175636	180421	179828	178628	1.46	cps
Selenium	82-1	-37	33	125	40	201.70	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	43	36	37	39	9.79	cps
Silicon	28-1	18341938	18492726	18466613	18433759	0.44	cps
Silver	107-1	125	183	92	133	34.80	cps
Silver	109-1	50	92	83	75	29.40	cps
Sodium	23-2	3800755	3769991	3636055	3735600	2.34	cps
Strontium	86-1	732892	735620	714475	727662	1.58	cps
Strontium	88-1	6256365	6290105	6117195	6221222	1.47	cps
Sulfur	34-1	561792	573884	576346	570674	1.37	cps
Terbium	159-1	9865113	9786618	9910300	9854010	0.64	cps
Terbium	159-2	3937876	4000268	4084412	4007518	1.83	cps
Thallium	203-1	1192	1183	1225	1200	1.84	cps
Thallium	205-1	2584	2584	2709	2625	2.75	cps
Tin	118-1	3376	3784	3609	3589	5.71	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-18	Instrumnet Name :	P8
Client Sample ID :	C00Y7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 16:11:51	DataFile Name :	071AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	408	575	508	497	16.87	cps
Uranium	238-1	11606	11614	12164	11795	2.72	cps
Vanadium	51-2	140	103	123	122	15.02	cps
Ytterbium	172-1	83	67	67	72	13.33	cps
Ytterbium	172-2	56	61	22	46	45.43	cps
Ytterbium	176-1	975	1192	1183	1117	10.99	cps
Ytterbium	176-2	5496	6496	6657	6216	10.12	cps
Yttrium	89-1	15680667	15825106	15297797	15601190	1.75	cps
Yttrium	89-2	1447444	1486450	1494120	1476005	1.70	cps
Zinc	66-2	1353	1430	1503	1429	5.25	cps
Zirconium	90-1	1633	1650	1558	1614	3.03	cps
Zirconium	91-1	375	308	392	358	12.31	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-19	Instrumnet Name :	P8
Client Sample ID :	C00Y9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 16:14:52	DataFile Name :	072AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	72072	70520	69672	70755	1.72	cps
Antimony	121-1	1058	933	967	986	6.56	cps
Arsenic	75-2	187	184	190	187	1.60	cps
Barium	135-1	42384	42450	43437	42757	1.38	cps
Barium	137-1	97901	101870	102871	100881	2.61	cps
Beryllium	9-1	352	268	282	301	14.97	cps
Bismuth	209-1	5445207	5778208	5604984	5609466	2.97	cps
Bismuth	209-2	2945492	2941077	2973443	2953338	0.59	cps
Boron	10-1	2352	2424	2428	2401	1.78	cps
Boron	11-1	10944	11424	11308	11225	2.23	cps
Bromine	81-1	33384	35170	35100	34551	2.93	cps
Cadmium	111-1	545	549	562	552	1.56	cps
Cadmium	106-1	3734	3792	3901	3809	2.22	cps
Cadmium	108-1	29	54	63	49	35.68	cps
Calcium	43-1	417791	422044	423998	421278	0.75	cps
Calcium	44-1	6780044	6536103	6891015	6735721	2.70	cps
Carbon	12-1	7885272	8313404	8696902	8298526	4.89	cps
Carbon	12-2	101435	99362	101485	100761	1.20	cps
Chlorine	35-1	587162	584674	590780	587538	0.52	cps
Chlorine	35-2	3501	3567	3642	3570	1.99	cps
Chromium	52-2	4311	3997	4147	4152	3.78	cps
Cobalt	59-2	4501	5014	4841	4785	5.46	cps
Copper	63-2	8706	8683	8596	8662	0.67	cps
Dysprosium	156-1	1767	1467	1584	1606	9.42	cps
Dysprosium	156-2	603	610	613	609	0.84	cps
Erbium	164-1	1317	1183	1392	1297	8.13	cps
Erbium	164-2	567	503	553	541	6.17	cps
Gadolinium	160-1	1742	1508	1458	1570	9.64	cps
Gadolinium	160-2	727	710	713	717	1.23	cps
Holmium	165-1	9171624	9493659	9666470	9443918	2.66	cps
Holmium	165-2	4321728	4109490	4269103	4233440	2.61	cps
Indium	115-1	8065356	8058662	8183427	8102482	0.87	cps
Indium	115-2	1147980	1120702	1138806	1135830	1.22	cps
Iron	54-2	220742	224729	216531	220667	1.86	cps
Iron	56-2	4180554	4051422	4095115	4109030	1.60	cps
Iron	57-2	99994	100022	100525	100180	0.30	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-19	Instrumnet Name :	P8
Client Sample ID :	C00Y9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 16:14:52	DataFile Name :	072AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1107	997	1100	1068	5.78	cps
Lead	206-1	11144	11744	12162	11683	4.38	cps
Lead	207-1	9854	10143	9898	9965	1.56	cps
Lead	208-1	44681	45871	46395	45649	1.92	cps
Lithium	6-1	2997834	3079852	3091005	3056230	1.66	cps
Magnesium	24-2	928333	941424	942935	937564	0.86	cps
Manganese	55-2	121582	121994	119648	121074	1.03	cps
Molybdenum	94-1	2617	3293	2400	2770	16.81	cps
Molybdenum	95-1	875	1075	975	975	10.26	cps
Molybdenum	96-1	1367	1508	1508	1461	5.60	cps
Molybdenum	97-1	592	650	525	589	10.62	cps
Molybdenum	98-1	1483	1233	1600	1439	13.02	cps
Neodymium	150-1	1987	2300	1980	2089	8.76	cps
Neodymium	150-2	660	557	600	606	8.57	cps
Nickel	60-2	2080	1993	1883	1986	4.96	cps
Phosphorus	31-2	275	392	350	339	17.45	cps
Potassium	39-2	233289	232887	230733	232303	0.59	cps
Rhodium	103-1	7487229	7879573	7946787	7771196	3.19	cps
Rhodium	103-2	3568472	3532889	3552614	3551325	0.50	cps
Scandium	45-1	6134137	6020175	6325360	6159891	2.50	cps
Scandium	45-2	185348	179371	181384	182034	1.67	cps
Selenium	82-1	-1	143	-5	46	184.71	cps
Selenium	77-2	0	13	3	6	124.93	cps
Selenium	78-2	46	39	38	41	10.63	cps
Silicon	28-1	21186761	20869097	21605574	21220477	1.74	cps
Silver	107-1	158	175	217	183	16.39	cps
Silver	109-1	183	125	142	150	20.03	cps
Sodium	23-2	673423	666372	662441	667412	0.83	cps
Strontium	86-1	295676	287026	301895	294866	2.53	cps
Strontium	88-1	2515214	2513521	2483856	2504197	0.70	cps
Sulfur	34-1	768148	770321	795074	777847	1.92	cps
Terbium	159-1	9869375	10084190	10257391	10070319	1.93	cps
Terbium	159-2	4078243	4176585	4165837	4140222	1.30	cps
Thallium	203-1	650	750	708	703	7.15	cps
Thallium	205-1	1658	1567	1900	1709	10.08	cps
Tin	118-1	3242	3517	3559	3439	5.00	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-19	Instrumnet Name :	P8
Client Sample ID :	C00Y9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 16:14:52	DataFile Name :	072AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	14233	18196	14435	15621	14.29	cps
Uranium	238-1	1875	1667	1575	1706	9.02	cps
Vanadium	51-2	3457	3287	3567	3437	4.11	cps
Ytterbium	172-1	258	375	308	314	18.65	cps
Ytterbium	172-2	178	178	117	157	22.41	cps
Ytterbium	176-1	1233	1292	1208	1245	3.44	cps
Ytterbium	176-2	5929	6318	6580	6276	5.21	cps
Yttrium	89-1	15543631	15562101	15676424	15594052	0.46	cps
Yttrium	89-2	1522945	1477483	1505537	1501988	1.53	cps
Zinc	66-2	10617	10344	10190	10384	2.08	cps
Zirconium	90-1	5251	6215	6044	5837	8.81	cps
Zirconium	91-1	942	975	1325	1081	19.65	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-20	Instrumnet Name :	P8
Client Sample ID :	C00Z1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 16:17:52	DataFile Name :	073AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	26611	24868	25543	25674	3.42	cps
Antimony	121-1	433	342	375	383	12.10	cps
Arsenic	75-2	203	204	221	209	4.83	cps
Barium	135-1	103279	101690	104168	103045	1.22	cps
Barium	137-1	234895	239163	237263	237107	0.90	cps
Beryllium	9-1	210	214	274	233	15.41	cps
Bismuth	209-1	5683827	5673800	5567067	5641565	1.15	cps
Bismuth	209-2	2960355	2959133	3075252	2998247	2.22	cps
Boron	10-1	2838	2868	3084	2930	4.58	cps
Boron	11-1	13788	14090	14528	14135	2.63	cps
Bromine	81-1	34769	36285	35632	35562	2.14	cps
Cadmium	111-1	587	492	515	531	9.38	cps
Cadmium	106-1	4167	3784	3576	3842	7.81	cps
Cadmium	108-1	79	71	58	69	15.10	cps
Calcium	43-1	613489	618182	608838	613503	0.76	cps
Calcium	44-1	9796130	9740694	9555446	9697423	1.30	cps
Carbon	12-1	9248951	9761452	10184198	9731534	4.81	cps
Carbon	12-2	114287	112255	118108	114883	2.59	cps
Chlorine	35-1	529609	529496	533310	530805	0.41	cps
Chlorine	35-2	2909	3117	3050	3025	3.52	cps
Chromium	52-2	2484	2564	2517	2521	1.59	cps
Cobalt	59-2	73597	72892	73425	73305	0.50	cps
Copper	63-2	3210	3247	3394	3284	2.96	cps
Dysprosium	156-1	825	867	850	847	2.48	cps
Dysprosium	156-2	323	317	340	327	3.68	cps
Erbium	164-1	683	683	783	717	8.06	cps
Erbium	164-2	320	297	280	299	6.72	cps
Gadolinium	160-1	775	900	667	781	14.96	cps
Gadolinium	160-2	490	490	480	487	1.19	cps
Holmium	165-1	9564907	9668731	9518819	9584153	0.80	cps
Holmium	165-2	4088173	4159474	4138952	4128866	0.89	cps
Indium	115-1	8116295	8323032	7887426	8108918	2.69	cps
Indium	115-2	1121931	1120900	1126579	1123137	0.27	cps
Iron	54-2	415620	415723	419392	416911	0.52	cps
Iron	56-2	7818880	7807712	7572172	7732921	1.80	cps
Iron	57-2	194802	192600	188687	192030	1.61	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-20	Instrumnet Name :	P8
Client Sample ID :	C00Z1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 16:17:52	DataFile Name :	073AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1133	1047	1100	1093	4.00	cps
Lead	206-1	4073	4317	4184	4192	2.92	cps
Lead	207-1	3117	3262	3389	3256	4.18	cps
Lead	208-1	15287	15565	15748	15534	1.50	cps
Lithium	6-1	3162359	3155369	2975246	3097658	3.42	cps
Magnesium	24-2	1365062	1389950	1293583	1349532	3.71	cps
Manganese	55-2	14466402	14168564	14165973	14266980	1.21	cps
Molybdenum	94-1	2225	2375	4231	2944	37.95	cps
Molybdenum	95-1	2284	2084	2475	2281	8.59	cps
Molybdenum	96-1	1650	1625	1750	1675	3.95	cps
Molybdenum	97-1	550	600	517	556	7.55	cps
Molybdenum	98-1	1575	1617	1575	1589	1.51	cps
Neodymium	150-1	1173	1127	1240	1180	4.83	cps
Neodymium	150-2	390	1407	353	717	83.44	cps
Nickel	60-2	1900	1720	1963	1861	6.78	cps
Phosphorus	31-2	217	250	192	219	13.34	cps
Potassium	39-2	266255	268492	258402	264383	2.00	cps
Rhodium	103-1	8043165	7647620	7823775	7838187	2.53	cps
Rhodium	103-2	3444412	3371915	3465538	3427288	1.43	cps
Scandium	45-1	6129674	6061578	6133463	6108238	0.66	cps
Scandium	45-2	182255	180917	181229	181467	0.39	cps
Selenium	82-1	1	67	9	26	138.29	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	50	39	19	36	43.66	cps
Silicon	28-1	10706148	10644434	10887523	10746035	1.18	cps
Silver	107-1	125	117	125	122	3.93	cps
Silver	109-1	83	75	42	67	33.07	cps
Sodium	23-2	1486079	1461214	1468319	1471871	0.87	cps
Strontium	86-1	573943	563541	577286	571590	1.25	cps
Strontium	88-1	4919263	4775113	5005546	4899974	2.38	cps
Sulfur	34-1	599405	600851	603354	601204	0.33	cps
Terbium	159-1	10102286	10158243	9898006	10052845	1.36	cps
Terbium	159-2	4154176	4056802	4149377	4120118	1.33	cps
Thallium	203-1	758	775	833	789	4.99	cps
Thallium	205-1	1992	1942	2042	1992	2.51	cps
Tin	118-1	2017	2200	2092	2103	4.38	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-20	Instrumnet Name :	P8
Client Sample ID :	C00Z1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 16:17:52	DataFile Name :	073AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	8492	17867	8415	11591	46.89	cps
Uranium	238-1	1842	2159	1784	1928	10.47	cps
Vanadium	51-2	1380	1340	1417	1379	2.78	cps
Ytterbium	172-1	192	258	208	219	15.81	cps
Ytterbium	172-2	83	89	100	91	9.35	cps
Ytterbium	176-1	1042	1158	1117	1106	5.35	cps
Ytterbium	176-2	5724	6574	6691	6329	8.34	cps
Yttrium	89-1	15201237	15539979	15224115	15321777	1.24	cps
Yttrium	89-2	1467504	1448903	1490818	1469075	1.43	cps
Zinc	66-2	1177	1180	1203	1187	1.22	cps
Zirconium	90-1	5136	4326	3967	4476	13.37	cps
Zirconium	91-1	775	1283	1100	1053	24.45	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-21	Instrumnet Name :	P8
Client Sample ID :	C00Z3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 16:20:53	DataFile Name :	074AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1810	1765	1794	1790	1.27	cps
Antimony	121-1	1525	1400	1550	1492	5.39	cps
Arsenic	75-2	1713	1726	1754	1731	1.21	cps
Barium	135-1	230403	227502	233439	230448	1.29	cps
Barium	137-1	527642	539357	530579	532526	1.14	cps
Beryllium	9-1	138	158	148	148	6.76	cps
Bismuth	209-1	5362592	5606176	5538298	5502355	2.28	cps
Bismuth	209-2	2980362	2953219	2980224	2971268	0.53	cps
Boron	10-1	5652	5986	6362	6000	5.92	cps
Boron	11-1	26226	28949	29456	28210	6.16	cps
Bromine	81-1	42478	47077	47730	45762	6.25	cps
Cadmium	111-1	469	549	502	507	8.00	cps
Cadmium	106-1	3884	3976	3726	3862	3.28	cps
Cadmium	108-1	71	75	63	69	9.16	cps
Calcium	43-1	594479	606161	608991	603211	1.28	cps
Calcium	44-1	9699811	9549339	9990558	9746570	2.30	cps
Carbon	12-1	8333129	9159311	9255955	8916132	5.69	cps
Carbon	12-2	107585	106704	108476	107588	0.82	cps
Chlorine	35-1	623188	649358	677219	649922	4.16	cps
Chlorine	35-2	4084	4234	4509	4276	5.04	cps
Chromium	52-2	2090	2070	2120	2094	1.20	cps
Cobalt	59-2	733	660	690	694	5.31	cps
Copper	63-2	880	907	937	908	3.12	cps
Dysprosium	156-1	158	117	50	108	50.44	cps
Dysprosium	156-2	33	40	20	31	32.73	cps
Erbium	164-1	117	142	117	125	11.55	cps
Erbium	164-2	70	43	53	56	24.25	cps
Gadolinium	160-1	142	117	142	133	10.83	cps
Gadolinium	160-2	93	117	123	111	14.18	cps
Holmium	165-1	9058539	9605026	9278541	9314035	2.95	cps
Holmium	165-2	4315559	4204508	4182896	4234321	1.68	cps
Indium	115-1	7974210	8027557	8396673	8132813	2.83	cps
Indium	115-2	1141295	1124965	1131318	1132526	0.73	cps
Iron	54-2	638780	633908	632205	634964	0.54	cps
Iron	56-2	11765037	11449530	11698508	11637692	1.43	cps
Iron	57-2	291515	289627	287261	289467	0.74	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-21	Instrumnet Name :	P8
Client Sample ID :	C00Z3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 16:20:53	DataFile Name :	074AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1060	1107	1100	1089	2.32	cps
Lead	206-1	1139	1239	1133	1170	5.08	cps
Lead	207-1	1000	1139	1117	1085	6.88	cps
Lead	208-1	4695	4906	4684	4762	2.63	cps
Lithium	6-1	2921430	3125508	3016333	3021090	3.38	cps
Magnesium	24-2	1046774	1045390	1052628	1048264	0.37	cps
Manganese	55-2	446006	440539	442617	443054	0.62	cps
Molybdenum	94-1	1917	1875	2100	1964	6.10	cps
Molybdenum	95-1	2825	2400	2642	2623	8.13	cps
Molybdenum	96-1	3234	3242	3817	3431	9.75	cps
Molybdenum	97-1	1617	1700	1675	1664	2.57	cps
Molybdenum	98-1	4284	4376	4051	4237	3.96	cps
Neodymium	150-1	80	53	147	93	51.51	cps
Neodymium	150-2	33	23	43	33	30.00	cps
Nickel	60-2	980	1003	897	960	5.84	cps
Phosphorus	31-2	150	133	100	128	19.92	cps
Potassium	39-2	644288	640194	658626	647703	1.49	cps
Rhodium	103-1	7589992	7724419	7973093	7762501	2.50	cps
Rhodium	103-2	3477212	3425089	3342791	3415031	1.98	cps
Scandium	45-1	5983292	6147344	6150333	6093656	1.57	cps
Scandium	45-2	185421	183593	180155	183056	1.46	cps
Selenium	82-1	31	28	48	36	30.55	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	30	38	45	38	19.93	cps
Silicon	28-1	21835482	21879400	21325097	21679993	1.42	cps
Silver	107-1	150	67	92	103	41.60	cps
Silver	109-1	50	42	25	39	32.73	cps
Sodium	23-2	4647518	4760091	4648730	4685447	1.38	cps
Strontium	86-1	585301	577162	591457	584640	1.23	cps
Strontium	88-1	4886558	4978001	4970950	4945170	1.03	cps
Sulfur	34-1	647254	649389	656090	650911	0.71	cps
Terbium	159-1	9336081	9718585	10254019	9769562	4.72	cps
Terbium	159-2	4197626	4062021	4065178	4108275	1.88	cps
Thallium	203-1	533	483	517	511	4.98	cps
Thallium	205-1	1192	1408	1450	1350	10.27	cps
Tin	118-1	2159	2175	2009	2114	4.34	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-21	Instrumnet Name :	P8
Client Sample ID :	C00Z3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 16:20:53	DataFile Name :	074AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	750	1017	783	850	17.09	cps
Uranium	238-1	1533	1834	1650	1672	9.04	cps
Vanadium	51-2	123	97	137	119	17.13	cps
Ytterbium	172-1	42	92	25	53	65.74	cps
Ytterbium	172-2	33	22	22	26	24.74	cps
Ytterbium	176-1	958	958	983	967	1.49	cps
Ytterbium	176-2	5846	6268	6479	6198	5.21	cps
Yttrium	89-1	14965567	15223128	15763461	15317385	2.66	cps
Yttrium	89-2	1515556	1505083	1444619	1488419	2.57	cps
Zinc	66-2	1030	1063	1013	1036	2.46	cps
Zirconium	90-1	1258	1258	1283	1267	1.14	cps
Zirconium	91-1	292	308	225	275	16.03	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-22	Instrumnet Name :	P8
Client Sample ID :	C00Z5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 16:23:53	DataFile Name :	075AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	189	195	162	182	9.47	cps
Antimony	121-1	167	125	125	139	17.32	cps
Arsenic	75-2	10	12	9	10	14.78	cps
Barium	135-1	175	142	158	158	10.53	cps
Barium	137-1	438	460	487	462	5.24	cps
Beryllium	9-1	142	180	120	147	20.60	cps
Bismuth	209-1	5272843	5508238	5627871	5469651	3.30	cps
Bismuth	209-2	2996801	2908100	3001630	2968844	1.77	cps
Boron	10-1	1380	1194	1246	1273	7.54	cps
Boron	11-1	5986	5982	5506	5825	4.74	cps
Bromine	81-1	24507	23905	23424	23945	2.27	cps
Cadmium	111-1	513	511	433	486	9.37	cps
Cadmium	106-1	3751	3617	3434	3601	4.42	cps
Cadmium	108-1	21	108	63	64	68.51	cps
Calcium	43-1	1326	1201	1167	1232	6.79	cps
Calcium	44-1	36765	36201	35351	36106	1.97	cps
Carbon	12-1	7365191	7962613	8366602	7898135	6.38	cps
Carbon	12-2	95647	94295	93967	94636	0.94	cps
Chlorine	35-1	556738	535498	524140	538792	3.07	cps
Chlorine	35-2	3225	2967	2867	3020	6.12	cps
Chromium	52-2	1427	1427	1430	1428	0.13	cps
Cobalt	59-2	53	80	53	62	24.75	cps
Copper	63-2	1177	1167	1207	1183	1.76	cps
Dysprosium	156-1	17	0	0	6	173.21	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	100	92	67	86	20.14	cps
Erbium	164-2	17	20	30	22	31.22	cps
Gadolinium	160-1	42	75	75	64	30.12	cps
Gadolinium	160-2	70	77	100	82	19.16	cps
Holmium	165-1	9423316	9209988	9339135	9324146	1.15	cps
Holmium	165-2	4168987	4146193	4289699	4201626	1.84	cps
Indium	115-1	8075218	8326526	7994457	8132067	2.13	cps
Indium	115-2	1112268	1118496	1117958	1116241	0.31	cps
Iron	54-2	817	822	867	835	3.28	cps
Iron	56-2	10982	11277	10910	11056	1.76	cps
Iron	57-2	439	433	406	426	4.19	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-22	Instrumnet Name :	P8
Client Sample ID :	C00Z5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 16:23:53	DataFile Name :	075AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1007	1097	1197	1100	8.64	cps
Lead	206-1	883	911	939	911	3.05	cps
Lead	207-1	756	811	733	767	5.23	cps
Lead	208-1	3556	3723	3361	3547	5.10	cps
Lithium	6-1	3010553	2827665	3049135	2962451	3.99	cps
Magnesium	24-2	1175	958	1025	1053	10.54	cps
Manganese	55-2	797	1113	877	929	17.73	cps
Molybdenum	94-1	433	292	350	358	19.87	cps
Molybdenum	95-1	192	92	108	131	41.03	cps
Molybdenum	96-1	208	292	250	250	16.67	cps
Molybdenum	97-1	58	117	75	83	36.06	cps
Molybdenum	98-1	192	225	158	192	17.39	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	617	800	710	709	12.93	cps
Phosphorus	31-2	142	142	92	125	23.09	cps
Potassium	39-2	16293	16134	16935	16454	2.58	cps
Rhodium	103-1	7773113	8071269	7700611	7848331	2.50	cps
Rhodium	103-2	3424511	3440667	3431845	3432341	0.24	cps
Scandium	45-1	6076300	6037424	6080510	6064745	0.39	cps
Scandium	45-2	176652	177078	182535	178755	1.84	cps
Selenium	82-1	122	-10	-107	2	7442.52	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	43	33	30	35	19.26	cps
Silicon	28-1	589124	593790	587507	590141	0.55	cps
Silver	107-1	233	125	117	158	41.11	cps
Silver	109-1	92	75	117	94	22.21	cps
Sodium	23-2	16293	16234	16251	16259	0.18	cps
Strontium	86-1	2125	1859	2117	2034	7.46	cps
Strontium	88-1	3642	3167	2767	3192	13.73	cps
Sulfur	34-1	350006	353525	353842	352458	0.60	cps
Terbium	159-1	9639509	9831115	9723299	9731308	0.99	cps
Terbium	159-2	4091145	4029812	4125343	4082100	1.19	cps
Thallium	203-1	408	417	467	431	7.33	cps
Thallium	205-1	1158	1317	1250	1242	6.40	cps
Tin	118-1	2500	2750	2800	2684	5.99	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-22	Instrumnet Name :	P8
Client Sample ID :	C00Z5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 16:23:53	DataFile Name :	075AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	292	267	367	308	16.88	cps
Uranium	238-1	8	33	0	14	124.91	cps
Vanadium	51-2	37	33	53	41	26.06	cps
Ytterbium	172-1	8	25	25	19	49.50	cps
Ytterbium	172-2	0	17	11	9	91.66	cps
Ytterbium	176-1	992	1150	950	1031	10.24	cps
Ytterbium	176-2	6190	6190	6001	6127	1.78	cps
Yttrium	89-1	15358092	15571245	15207043	15378793	1.19	cps
Yttrium	89-2	1477461	1501846	1423486	1467598	2.73	cps
Zinc	66-2	370	370	313	351	9.32	cps
Zirconium	90-1	808	942	908	886	7.83	cps
Zirconium	91-1	158	117	200	158	26.32	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-20DLX5	Instrumnet Name :	P8
Client Sample ID :	C00Z1	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 16:28:39	DataFile Name :	076AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4828	4485	4650	4654	3.68	cps
Antimony	121-1	117	167	133	139	18.33	cps
Arsenic	75-2	46	51	38	45	14.58	cps
Barium	135-1	18964	18488	19515	18989	2.71	cps
Barium	137-1	44970	44519	45995	45161	1.67	cps
Beryllium	9-1	134	130	136	133	2.29	cps
Bismuth	209-1	5336832	5499130	5471181	5435714	1.60	cps
Bismuth	209-2	2945985	3012077	2953633	2970565	1.22	cps
Boron	10-1	982	1076	1038	1032	4.58	cps
Boron	11-1	4984	5142	5160	5095	1.90	cps
Bromine	81-1	23384	23183	24928	23832	4.01	cps
Cadmium	111-1	469	490	466	475	2.75	cps
Cadmium	106-1	3501	3401	3701	3534	4.32	cps
Cadmium	108-1	67	79	63	69	12.49	cps
Calcium	43-1	115376	117156	117223	116585	0.90	cps
Calcium	44-1	1804504	1928149	1868608	1867087	3.31	cps
Carbon	12-1	5390912	5554647	5711370	5552309	2.89	cps
Carbon	12-2	62208	60793	61178	61393	1.19	cps
Chlorine	35-1	416999	414214	410229	413814	0.82	cps
Chlorine	35-2	2817	2359	2742	2639	9.32	cps
Chromium	52-2	1000	940	900	947	5.32	cps
Cobalt	59-2	13914	14004	13954	13957	0.32	cps
Copper	63-2	1157	933	847	979	16.34	cps
Dysprosium	156-1	200	158	133	164	20.55	cps
Dysprosium	156-2	50	70	47	56	22.71	cps
Erbium	164-1	117	150	183	150	22.22	cps
Erbium	164-2	100	60	63	74	29.81	cps
Gadolinium	160-1	217	167	242	208	18.33	cps
Gadolinium	160-2	113	110	130	118	9.10	cps
Holmium	165-1	9007387	9366592	9369342	9247774	2.25	cps
Holmium	165-2	4217733	4173512	4233859	4208368	0.74	cps
Indium	115-1	7799440	8076715	8186578	8020911	2.49	cps
Indium	115-2	1107129	1130238	1125519	1120962	1.09	cps
Iron	54-2	81543	80577	80572	80897	0.69	cps
Iron	56-2	1520868	1472461	1523862	1505730	1.92	cps
Iron	57-2	37260	36514	37522	37099	1.41	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-20DLX5	Instrumnet Name :	P8
Client Sample ID :	C00Z1	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 16:28:39	DataFile Name :	076AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1103	1130	1120	1118	1.21	cps
Lead	206-1	1572	1406	1428	1469	6.17	cps
Lead	207-1	1117	1228	1122	1156	5.42	cps
Lead	208-1	5678	5484	5439	5534	2.30	cps
Lithium	6-1	2972627	2925489	2991762	2963292	1.15	cps
Magnesium	24-2	261753	266151	260257	262720	1.17	cps
Manganese	55-2	2762239	2814517	2806492	2794416	1.01	cps
Molybdenum	94-1	650	608	717	658	8.30	cps
Molybdenum	95-1	592	542	567	567	4.41	cps
Molybdenum	96-1	408	542	442	464	14.96	cps
Molybdenum	97-1	150	183	150	161	11.95	cps
Molybdenum	98-1	367	350	442	386	12.65	cps
Neodymium	150-1	267	260	260	262	1.47	cps
Neodymium	150-2	90	117	80	96	19.84	cps
Nickel	60-2	337	413	390	380	10.34	cps
Phosphorus	31-2	117	108	175	133	27.24	cps
Potassium	39-2	61699	62855	61131	61895	1.42	cps
Rhodium	103-1	7699550	7688082	7692224	7693285	0.08	cps
Rhodium	103-2	3451658	3440579	3552422	3481553	1.77	cps
Scandium	45-1	5893568	5961622	5886467	5913886	0.70	cps
Scandium	45-2	180528	178642	181709	180293	0.86	cps
Selenium	82-1	7	-68	26	-12	-430.17	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	36	42	32	37	13.73	cps
Silicon	28-1	2381133	2437614	2439831	2419526	1.37	cps
Silver	107-1	150	200	275	208	30.20	cps
Silver	109-1	58	142	225	142	58.82	cps
Sodium	23-2	285396	292808	292993	290399	1.49	cps
Strontium	86-1	112200	111579	113048	112276	0.66	cps
Strontium	88-1	933787	923499	951829	936372	1.53	cps
Sulfur	34-1	401283	403800	401186	402090	0.37	cps
Terbium	159-1	9638476	9565438	9895431	9699782	1.79	cps
Terbium	159-2	4053261	4081638	4182498	4105799	1.65	cps
Thallium	203-1	483	508	558	517	7.39	cps
Thallium	205-1	1233	1200	1192	1208	1.82	cps
Tin	118-1	6068	6177	6277	6174	1.69	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-20DLX5	Instrumnet Name :	P8
Client Sample ID :	C00Z1	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 16:28:39	DataFile Name :	076AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1392	3435	1442	2090	55.79	cps
Uranium	238-1	467	467	425	453	5.31	cps
Vanadium	51-2	297	233	210	247	18.18	cps
Ytterbium	172-1	58	58	67	61	7.87	cps
Ytterbium	172-2	28	33	39	33	16.67	cps
Ytterbium	176-1	1000	983	1025	1003	2.09	cps
Ytterbium	176-2	5851	6174	6752	6259	7.29	cps
Yttrium	89-1	14899105	14968561	15174296	15013987	0.95	cps
Yttrium	89-2	1509877	1460412	1524138	1498142	2.23	cps
Zinc	66-2	297	383	370	350	13.33	cps
Zirconium	90-1	1275	1517	1508	1433	9.57	cps
Zirconium	91-1	275	325	233	278	16.52	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-09A	Instrumnet Name :	P8
Client Sample ID :	C00W9A	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 16:34:08	DataFile Name :	077AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2022	1819	2024	1955	6.04	cps
Antimony	121-1	367	358	208	311	28.64	cps
Arsenic	75-2	43	47	44	45	4.66	cps
Barium	135-1	532061	521278	526527	526622	1.02	cps
Barium	137-1	1225994	1221764	1218439	1222066	0.31	cps
Beryllium	9-1	154	148	164	155	5.20	cps
Bismuth	209-1	5365992	5680758	5358272	5468341	3.36	cps
Bismuth	209-2	2985999	3005770	2969599	2987123	0.61	cps
Boron	10-1	3706	4136	4124	3988	6.14	cps
Boron	11-1	18770	19872	20362	19668	4.14	cps
Bromine	81-1	38081	43071	43663	41605	7.37	cps
Cadmium	111-1	517	527	533	526	1.61	cps
Cadmium	106-1	3459	3617	3459	3512	2.60	cps
Cadmium	108-1	117	83	88	96	18.95	cps
Calcium	43-1	390823	387800	388049	388891	0.43	cps
Calcium	44-1	6314866	6365691	6049461	6243339	2.72	cps
Carbon	12-1	7659505	8185907	8982643	8276018	8.05	cps
Carbon	12-2	102786	99789	101878	101484	1.51	cps
Chlorine	35-1	496113	525230	549601	523648	5.11	cps
Chlorine	35-2	3851	3334	3959	3714	8.99	cps
Chromium	52-2	3130	2990	3010	3044	2.49	cps
Cobalt	59-2	363	423	367	384	8.77	cps
Copper	63-2	4964	5254	4834	5018	4.29	cps
Dysprosium	156-1	400	342	300	347	14.47	cps
Dysprosium	156-2	137	147	120	134	10.02	cps
Erbium	164-1	617	708	500	608	17.16	cps
Erbium	164-2	260	217	260	246	10.19	cps
Gadolinium	160-1	483	583	542	536	9.37	cps
Gadolinium	160-2	260	270	220	250	10.58	cps
Holmium	165-1	9056676	9792181	9540995	9463284	3.95	cps
Holmium	165-2	4226655	4120776	4118301	4155244	1.49	cps
Indium	115-1	7769063	8495001	8023881	8095982	4.55	cps
Indium	115-2	1128526	1142258	1128150	1132978	0.71	cps
Iron	54-2	110817	111208	109748	110591	0.68	cps
Iron	56-2	2097428	2071142	2170115	2112895	2.43	cps
Iron	57-2	52770	51265	51577	51871	1.53	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-09A	Instrumnet Name :	P8
Client Sample ID :	C00W9A	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 16:34:08	DataFile Name :	077AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1227	1067	1123	1139	7.12	cps
Lead	206-1	1250	1211	1122	1195	5.48	cps
Lead	207-1	1078	989	1000	1022	4.74	cps
Lead	208-1	5256	4667	4295	4739	10.23	cps
Lithium	6-1	2861041	3113343	2873092	2949159	4.83	cps
Magnesium	24-2	863487	867454	881403	870781	1.08	cps
Manganese	55-2	77567	77593	76826	77329	0.56	cps
Molybdenum	94-1	933	1033	1142	1036	10.06	cps
Molybdenum	95-1	950	850	808	869	8.37	cps
Molybdenum	96-1	1125	1342	1325	1264	9.54	cps
Molybdenum	97-1	733	433	542	569	26.68	cps
Molybdenum	98-1	1667	1408	1458	1511	9.07	cps
Neodymium	150-1	233	147	120	167	35.57	cps
Neodymium	150-2	27	17	17	20	28.86	cps
Nickel	60-2	1473	1293	1347	1371	6.74	cps
Phosphorus	31-2	267	275	425	322	27.65	cps
Potassium	39-2	212169	213800	214952	213640	0.65	cps
Rhodium	103-1	7601887	8051980	7712113	7788660	3.01	cps
Rhodium	103-2	3420311	3529983	3435486	3461926	1.72	cps
Scandium	45-1	5867337	6269572	5946016	6027642	3.54	cps
Scandium	45-2	185753	182303	179847	182634	1.62	cps
Selenium	82-1	-84	60	16	-3	-2753.66	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	42	46	37	42	10.82	cps
Silicon	28-1	21766229	20399285	22086551	21417355	4.18	cps
Silver	107-1	15801	16018	16352	16057	1.73	cps
Silver	109-1	14892	15634	14158	14895	4.96	cps
Sodium	23-2	8713433	8593834	9119055	8808774	3.13	cps
Strontium	86-1	727160	721922	718520	722534	0.60	cps
Strontium	88-1	6108797	6037371	5980556	6042241	1.06	cps
Sulfur	34-1	700585	692352	685852	692930	1.07	cps
Terbium	159-1	9529609	10463993	9492908	9828837	5.60	cps
Terbium	159-2	4101091	4199013	4096127	4132077	1.40	cps
Thallium	203-1	592	575	483	550	10.61	cps
Thallium	205-1	1300	1375	1367	1347	3.05	cps
Tin	118-1	3460	2750	2725	2979	14.00	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-09A	Instrumnet Name :	P8
Client Sample ID :	C00W9A	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 16:34:08	DataFile Name :	077AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	692	975	5455	2374	112.56	cps
Uranium	238-1	408	333	283	342	18.41	cps
Vanadium	51-2	123	113	73	103	25.61	cps
Ytterbium	172-1	192	325	108	208	52.46	cps
Ytterbium	172-2	117	100	94	104	11.15	cps
Ytterbium	176-1	1000	1092	1142	1078	6.67	cps
Ytterbium	176-2	5896	6224	6241	6120	3.18	cps
Yttrium	89-1	14754931	15644139	15373947	15257672	2.99	cps
Yttrium	89-2	1522468	1504844	1461704	1496339	2.09	cps
Zinc	66-2	703	723	750	726	3.23	cps
Zirconium	90-1	2134	1075	1367	1525	35.87	cps
Zirconium	91-1	283	242	267	264	7.95	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-08A	Instrumnet Name :	P8
Client Sample ID :	C00X0A	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 16:37:07	DataFile Name :	078AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	282	334	260	292	12.94	cps
Antimony	121-1	217	233	192	214	9.81	cps
Arsenic	75-2	29	35	39	34	14.66	cps
Barium	135-1	507224	503596	525178	511999	2.26	cps
Barium	137-1	1185547	1205930	1211451	1200976	1.14	cps
Beryllium	9-1	152	140	126	139	9.34	cps
Bismuth	209-1	5427812	5612313	5674035	5571387	2.30	cps
Bismuth	209-2	2921523	3040974	2962681	2975059	2.04	cps
Boron	10-1	3936	4234	4342	4170	5.04	cps
Boron	11-1	19479	21117	21101	20566	4.58	cps
Bromine	81-1	42769	47509	50021	46766	7.87	cps
Cadmium	111-1	484	534	507	508	4.93	cps
Cadmium	106-1	3576	3742	3751	3689	2.68	cps
Cadmium	108-1	88	75	50	71	26.96	cps
Calcium	43-1	381812	389170	390377	387120	1.20	cps
Calcium	44-1	6083490	6128039	6171826	6127785	0.72	cps
Carbon	12-1	8231215	8928160	9244169	8801181	5.89	cps
Carbon	12-2	106201	108535	109870	108202	1.72	cps
Chlorine	35-1	560683	591390	606007	586027	3.95	cps
Chlorine	35-2	3942	3601	4251	3931	8.27	cps
Chromium	52-2	1287	1140	1210	1212	6.05	cps
Cobalt	59-2	340	290	247	292	15.98	cps
Copper	63-2	3564	3347	3187	3366	5.62	cps
Dysprosium	156-1	308	342	317	322	5.38	cps
Dysprosium	156-2	120	113	173	136	24.26	cps
Erbium	164-1	658	625	683	656	4.46	cps
Erbium	164-2	277	300	213	263	17.03	cps
Gadolinium	160-1	333	475	458	422	18.34	cps
Gadolinium	160-2	267	247	227	247	8.11	cps
Holmium	165-1	9545861	9659995	9477543	9561133	0.96	cps
Holmium	165-2	4290216	4242356	4331482	4288018	1.04	cps
Indium	115-1	8286160	8277919	8181229	8248436	0.71	cps
Indium	115-2	1147817	1141303	1134836	1141319	0.57	cps
Iron	54-2	113543	113415	115072	114010	0.81	cps
Iron	56-2	2097953	2173339	2153411	2141568	1.82	cps
Iron	57-2	51756	52603	52475	52278	0.87	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-08A	Instrumnet Name :	P8
Client Sample ID :	C00X0A	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 16:37:07	DataFile Name :	078AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1073	1013	1023	1037	3.10	cps
Lead	206-1	950	833	850	878	7.19	cps
Lead	207-1	706	750	706	720	3.56	cps
Lead	208-1	3534	3350	3256	3380	4.18	cps
Lithium	6-1	2907856	2967994	2966179	2947343	1.16	cps
Magnesium	24-2	882838	891085	875791	883238	0.87	cps
Manganese	55-2	80777	80688	77959	79808	2.01	cps
Molybdenum	94-1	842	708	717	756	9.89	cps
Molybdenum	95-1	692	650	583	642	8.52	cps
Molybdenum	96-1	908	958	833	900	6.99	cps
Molybdenum	97-1	483	533	525	514	5.21	cps
Molybdenum	98-1	1050	1042	1008	1033	2.13	cps
Neodymium	150-1	87	80	87	84	4.56	cps
Neodymium	150-2	17	13	30	20	44.10	cps
Nickel	60-2	897	967	893	919	4.51	cps
Phosphorus	31-2	367	308	175	283	34.68	cps
Potassium	39-2	209500	210397	202860	207586	1.98	cps
Rhodium	103-1	8081248	8168658	7719318	7989741	2.98	cps
Rhodium	103-2	3475585	3446792	3395212	3439196	1.18	cps
Scandium	45-1	6153968	6170361	6100201	6141510	0.60	cps
Scandium	45-2	180617	180798	186262	182559	1.76	cps
Selenium	82-1	71	51	92	71	28.52	cps
Selenium	77-2	0	0	10	3	173.21	cps
Selenium	78-2	34	44	46	41	15.55	cps
Silicon	28-1	20904337	21180041	21102849	21062409	0.68	cps
Silver	107-1	15250	15292	15918	15487	2.41	cps
Silver	109-1	13849	14742	15000	14530	4.16	cps
Sodium	23-2	8834589	8700559	9043296	8859482	1.95	cps
Strontium	86-1	702039	721706	725567	716437	1.76	cps
Strontium	88-1	6025538	6188473	6179565	6131192	1.49	cps
Sulfur	34-1	693110	701201	705345	699885	0.89	cps
Terbium	159-1	10199839	9985876	10002666	10062794	1.18	cps
Terbium	159-2	4184012	4218922	4213247	4205393	0.45	cps
Thallium	203-1	517	550	500	522	4.87	cps
Thallium	205-1	1333	1067	1325	1242	12.21	cps
Tin	118-1	2492	2700	2492	2561	4.70	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5042-08A	Instrumnet Name :	P8
Client Sample ID :	C00X0A	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 16:37:07	DataFile Name :	078AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	650	492	542	561	14.42	cps
Uranium	238-1	267	333	283	294	11.78	cps
Vanadium	51-2	43	37	33	38	13.48	cps
Ytterbium	172-1	175	192	233	200	15.02	cps
Ytterbium	172-2	89	128	117	111	18.03	cps
Ytterbium	176-1	1158	992	1108	1086	7.87	cps
Ytterbium	176-2	5996	6568	6235	6266	4.59	cps
Yttrium	89-1	16015907	15681457	15625438	15774267	1.34	cps
Yttrium	89-2	1483174	1515863	1504479	1501172	1.11	cps
Zinc	66-2	723	667	680	690	4.29	cps
Zirconium	90-1	725	1033	1008	922	18.57	cps
Zirconium	91-1	208	192	200	200	4.17	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	CCV067	Instrumnet Name :	P8
Client Sample ID :	CCV067	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 16:40:09	DataFile Name :	079CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2003671	1973653	2007961	1995095	0.94	cps
Antimony	121-1	2400897	2421321	2336258	2386159	1.86	cps
Arsenic	75-2	65818	65204	65028	65350	0.63	cps
Barium	135-1	3246556	3286122	3175865	3236181	1.73	cps
Barium	137-1	7472951	7376387	7288331	7379223	1.25	cps
Beryllium	9-1	646552	661736	669167	659152	1.75	cps
Bismuth	209-1	5346760	5286387	5300205	5311118	0.60	cps
Bismuth	209-2	2736947	2789516	2815614	2780692	1.44	cps
Boron	10-1	56630	61248	64707	60862	6.66	cps
Boron	11-1	269944	287779	301512	286412	5.53	cps
Bromine	81-1	24035	25169	22161	23788	6.39	cps
Cadmium	111-1	551819	572532	565497	563282	1.87	cps
Cadmium	106-1	66570	67131	68060	67254	1.12	cps
Cadmium	108-1	44973	45985	45049	45336	1.24	cps
Calcium	43-1	4561826	4491392	4464227	4505815	1.12	cps
Calcium	44-1	73428689	70309519	73022492	72253567	2.35	cps
Carbon	12-1	6456917	6707819	6487323	6550686	2.09	cps
Carbon	12-2	77949	73334	75695	75659	3.05	cps
Chlorine	35-1	487009	474826	472578	478138	1.62	cps
Chlorine	35-2	2450	3225	2792	2823	13.76	cps
Chromium	52-2	725920	739907	736275	734034	0.99	cps
Cobalt	59-2	1304121	1281191	1307574	1297629	1.11	cps
Copper	63-2	9827310	9811951	9730668	9789976	0.53	cps
Dysprosium	156-1	500	625	617	581	12.04	cps
Dysprosium	156-2	223	230	300	251	16.91	cps
Erbium	164-1	200	192	200	197	2.44	cps
Erbium	164-2	87	77	77	80	7.22	cps
Gadolinium	160-1	608	650	533	597	9.90	cps
Gadolinium	160-2	353	283	303	313	11.51	cps
Holmium	165-1	9758374	9441078	9351417	9516956	2.25	cps
Holmium	165-2	4141150	4223219	4164941	4176437	1.01	cps
Indium	115-1	8107323	8006642	7907931	8007299	1.25	cps
Indium	115-2	1077756	1079599	1072391	1076582	0.35	cps
Iron	54-2	7754826	7710213	7515032	7660024	1.66	cps
Iron	56-2	139459748	137612381	139808095	138960074	0.85	cps
Iron	57-2	3486658	3526645	3539454	3517586	0.78	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	CCV067	Instrumnet Name :	P8
Client Sample ID :	CCV067	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 16:40:09	DataFile Name :	079CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1047	1090	1047	1061	2.36	cps
Lead	206-1	8981822	8831057	8893573	8902151	0.85	cps
Lead	207-1	7761425	7764569	7600134	7708709	1.22	cps
Lead	208-1	35641930	35280473	35113703	35345369	0.76	cps
Lithium	6-1	3090233	3030731	3034821	3051928	1.09	cps
Magnesium	24-2	29252025	28050975	28044386	28449128	2.44	cps
Manganese	55-2	3658519	3562162	3534214	3584965	1.82	cps
Molybdenum	94-1	10314467	10247114	10048287	10203289	1.36	cps
Molybdenum	95-1	15250958	14746874	14825542	14941125	1.82	cps
Molybdenum	96-1	16794409	16480999	16170294	16481901	1.89	cps
Molybdenum	97-1	9272625	9228689	8999727	9167013	1.60	cps
Molybdenum	98-1	23864777	23708166	24050576	23874506	0.72	cps
Neodymium	150-1	360	373	447	393	11.87	cps
Neodymium	150-2	67	73	77	72	7.05	cps
Nickel	60-2	355503	347711	347761	350325	1.28	cps
Phosphorus	31-2	20765	20841	20098	20568	1.99	cps
Potassium	39-2	10307090	10310581	10598394	10405355	1.61	cps
Rhodium	103-1	7490104	7649178	7521563	7553615	1.12	cps
Rhodium	103-2	3275125	3312073	3332954	3306717	0.89	cps
Scandium	45-1	6167062	6012596	6122979	6100879	1.30	cps
Scandium	45-2	178002	181981	179132	179705	1.14	cps
Selenium	82-1	47187	46526	47246	46986	0.85	cps
Selenium	77-2	1250	1273	1113	1212	7.13	cps
Selenium	78-2	4380	4336	4282	4333	1.13	cps
Silicon	28-1	2608255	2781323	2785537	2725038	3.71	cps
Silver	107-1	3105320	3159017	3102746	3122361	1.02	cps
Silver	109-1	2989105	2970939	2945133	2968392	0.74	cps
Sodium	23-2	56776608	55987193	56879591	56547797	0.86	cps
Strontium	86-1	9241184	9475468	9386834	9367829	1.26	cps
Strontium	88-1	79951498	80128479	80323483	80134487	0.23	cps
Sulfur	34-1	659147	670995	677782	669308	1.41	cps
Terbium	159-1	10191008	10370284	9891079	10150791	2.39	cps
Terbium	159-2	4032203	4162132	4108992	4101109	1.59	cps
Thallium	203-1	2174683	2140171	2225525	2180126	1.97	cps
Thallium	205-1	5227070	5135872	5105294	5156079	1.23	cps
Tin	118-1	2142832	2156177	2065481	2121497	2.31	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	CCV067	Instrumnet Name :	P8
Client Sample ID :	CCV067	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 16:40:09	DataFile Name :	079CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4740593	4736262	4582417	4686424	1.92	cps
Uranium	238-1	6758102	6641126	6780756	6726662	1.11	cps
Vanadium	51-2	613491	599601	611658	608250	1.24	cps
Ytterbium	172-1	50	33	108	64	61.65	cps
Ytterbium	172-2	33	44	22	33	33.35	cps
Ytterbium	176-1	10263	10371	10471	10368	1.01	cps
Ytterbium	176-2	10037	10410	10432	10293	2.15	cps
Yttrium	89-1	15726966	15443469	15377401	15515945	1.20	cps
Yttrium	89-2	1456236	1510506	1480783	1482508	1.83	cps
Zinc	66-2	1002732	1008000	993706	1001480	0.72	cps
Zirconium	90-1	4938890	4901038	4982300	4940743	0.82	cps
Zirconium	91-1	1109911	1077304	1102270	1096495	1.56	cps

LB Number : LB117862 Operator : Jaswal
 Lab Sample ID : CCB067 Instrumnet Name : P8
 Client Sample ID : CCB067 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-16 16:49:40 DataFile Name : 080CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	116	115	124	118	4.00	cps
Antimony	121-1	508	375	500	461	16.20	cps
Arsenic	75-2	11	10	9	10	10.00	cps
Barium	135-1	158	133	92	128	26.36	cps
Barium	137-1	345	238	222	268	24.94	cps
Beryllium	9-1	196	150	140	162	18.44	cps
Bismuth	209-1	5509665	5594391	5529424	5544493	0.80	cps
Bismuth	209-2	2671405	2851862	2952766	2825344	5.05	cps
Boron	10-1	1844	1704	1700	1749	4.69	cps
Boron	11-1	8249	8059	8181	8163	1.18	cps
Bromine	81-1	19313	18582	19514	19136	2.56	cps
Cadmium	111-1	435	400	366	401	8.57	cps
Cadmium	106-1	3559	3484	3234	3426	4.97	cps
Cadmium	108-1	121	142	88	117	23.42	cps
Calcium	43-1	361	340	335	345	4.04	cps
Calcium	44-1	21145	20377	19707	20410	3.53	cps
Carbon	12-1	4085653	4154485	4181101	4140413	1.19	cps
Carbon	12-2	44911	44777	43206	44298	2.14	cps
Chlorine	35-1	357467	360608	359361	359145	0.44	cps
Chlorine	35-2	2484	2167	1850	2167	14.62	cps
Chromium	52-2	650	503	667	607	14.81	cps
Cobalt	59-2	60	67	40	56	24.98	cps
Copper	63-2	613	573	560	582	4.77	cps
Dysprosium	156-1	8	17	42	22	78.07	cps
Dysprosium	156-2	0	10	0	3	173.21	cps
Erbium	164-1	75	67	75	72	6.66	cps
Erbium	164-2	7	10	23	13	66.12	cps
Gadolinium	160-1	42	33	42	39	12.38	cps
Gadolinium	160-2	67	97	100	88	20.91	cps
Holmium	165-1	9500912	9470326	9161838	9377692	2.00	cps
Holmium	165-2	3687229	3993894	4086529	3922551	5.33	cps
Indium	115-1	7777789	7924975	7941849	7881537	1.15	cps
Indium	115-2	998984	1088343	1095244	1060857	5.06	cps
Iron	54-2	578	456	456	496	14.22	cps
Iron	56-2	4990	4851	4017	4619	11.39	cps
Iron	57-2	256	222	222	233	8.25	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	CCB067	Instrumnet Name :	P8
Client Sample ID :	CCB067	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 16:49:40	DataFile Name :	080CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1167	990	1160	1106	9.06	cps
Lead	206-1	1189	1022	950	1054	11.63	cps
Lead	207-1	939	917	833	896	6.21	cps
Lead	208-1	4350	4206	3789	4115	7.08	cps
Lithium	6-1	3080728	3000891	2920387	3000669	2.67	cps
Magnesium	24-2	958	658	800	806	18.63	cps
Manganese	55-2	173	143	160	159	9.46	cps
Molybdenum	94-1	617	550	425	531	18.34	cps
Molybdenum	95-1	617	408	375	467	28.07	cps
Molybdenum	96-1	675	642	642	653	2.95	cps
Molybdenum	97-1	342	258	192	264	28.48	cps
Molybdenum	98-1	867	667	483	672	28.52	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	43	40	63	49	25.81	cps
Phosphorus	31-2	125	125	133	128	3.77	cps
Potassium	39-2	15601	15559	15267	15475	1.18	cps
Rhodium	103-1	7661330	7740473	7698386	7700063	0.51	cps
Rhodium	103-2	3108568	3428222	3367085	3301292	5.14	cps
Scandium	45-1	5898915	5723678	5997313	5873302	2.36	cps
Scandium	45-2	161794	173954	176354	170701	4.57	cps
Selenium	82-1	-53	145	-76	5	2287.79	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	48	33	39	40	18.89	cps
Silicon	28-1	548203	550143	546590	548312	0.32	cps
Silver	107-1	258	242	308	269	12.88	cps
Silver	109-1	192	158	158	169	11.36	cps
Sodium	23-2	16168	16193	15993	16118	0.68	cps
Strontium	86-1	2234	1942	2125	2100	7.02	cps
Strontium	88-1	2584	2275	1675	2178	21.21	cps
Sulfur	34-1	351379	345391	345426	347399	0.99	cps
Terbium	159-1	9645493	9520071	9682212	9615925	0.88	cps
Terbium	159-2	3696009	4061710	4014976	3924232	5.07	cps
Thallium	203-1	717	792	817	775	6.72	cps
Thallium	205-1	1934	1734	1600	1756	9.56	cps
Tin	118-1	18112	18454	18154	18240	1.02	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	CCB067	Instrumnet Name :	P8
Client Sample ID :	CCB067	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 16:49:40	DataFile Name :	080CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	308	250	200	253	21.45	cps
Uranium	238-1	233	117	125	158	41.11	cps
Vanadium	51-2	10	13	7	10	33.30	cps
Ytterbium	172-1	42	67	25	44	47.19	cps
Ytterbium	172-2	17	17	6	13	49.47	cps
Ytterbium	176-1	900	950	958	936	3.37	cps
Ytterbium	176-2	5234	5924	6580	5913	11.38	cps
Yttrium	89-1	14961192	15001209	15171862	15044754	0.74	cps
Yttrium	89-2	1334869	1429814	1428200	1397628	3.89	cps
Zinc	66-2	147	133	127	136	7.51	cps
Zirconium	90-1	850	983	1025	953	9.59	cps
Zirconium	91-1	225	200	200	208	6.93	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-01	Instrumnet Name :	P8
Client Sample ID :	MH1D92	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 16:52:49	DataFile Name :	081AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2322	2261	2290	2291	1.34	cps
Antimony	121-1	27437	26927	26635	26999	1.50	cps
Arsenic	75-2	780	782	758	773	1.72	cps
Barium	135-1	14550	14558	14708	14605	0.61	cps
Barium	137-1	33745	33358	34458	33854	1.65	cps
Beryllium	9-1	146	136	180	154	14.98	cps
Bismuth	209-1	5373888	5303371	5185713	5287658	1.80	cps
Bismuth	209-2	2871870	2927752	2963095	2920906	1.57	cps
Boron	10-1	2844	2906	3082	2944	4.19	cps
Boron	11-1	14394	14058	14178	14210	1.20	cps
Bromine	81-1	23454	25630	26022	25035	5.53	cps
Cadmium	111-1	3560	3490	3622	3557	1.86	cps
Cadmium	106-1	3709	3851	4092	3884	4.99	cps
Cadmium	108-1	279	308	408	332	20.41	cps
Calcium	43-1	1082825	1086998	1109353	1093059	1.31	cps
Calcium	44-1	17535172	17719165	17623452	17625930	0.52	cps
Carbon	12-1	6497206	7173693	7611301	7094067	7.91	cps
Carbon	12-2	90162	89549	92425	90712	1.67	cps
Chlorine	35-1	491412	521132	567926	526823	7.32	cps
Chlorine	35-2	3609	3909	3701	3740	4.11	cps
Chromium	52-2	1187	1083	1150	1140	4.60	cps
Cobalt	59-2	1300	1193	1107	1200	8.07	cps
Copper	63-2	28148	28672	28261	28361	0.97	cps
Dysprosium	156-1	83	42	67	64	32.83	cps
Dysprosium	156-2	43	37	53	44	18.87	cps
Erbium	164-1	125	167	142	144	14.52	cps
Erbium	164-2	70	40	53	54	27.61	cps
Gadolinium	160-1	100	117	133	117	14.29	cps
Gadolinium	160-2	110	140	130	127	12.06	cps
Holmium	165-1	8835878	9332298	9201776	9123317	2.82	cps
Holmium	165-2	4059709	4031650	4107384	4066248	0.94	cps
Indium	115-1	7573754	7773026	7791823	7712868	1.57	cps
Indium	115-2	1091982	1106134	1091614	1096577	0.75	cps
Iron	54-2	20131	19892	19853	19959	0.75	cps
Iron	56-2	355990	355897	355596	355828	0.06	cps
Iron	57-2	10471	10699	10549	10573	1.10	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-01	Instrumnet Name :	P8
Client Sample ID :	MH1D92	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 16:52:49	DataFile Name :	081AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1013	1060	1070	1048	2.89	cps
Lead	206-1	15454	15204	15676	15445	1.53	cps
Lead	207-1	13340	13963	13557	13620	2.32	cps
Lead	208-1	61619	62566	62772	62319	0.99	cps
Lithium	6-1	2924028	2998439	2846664	2923044	2.60	cps
Magnesium	24-2	1066240	1094320	1107989	1089516	1.95	cps
Manganese	55-2	15448	15438	15635	15507	0.72	cps
Molybdenum	94-1	4834	4359	4776	4656	5.57	cps
Molybdenum	95-1	7427	7260	7527	7405	1.82	cps
Molybdenum	96-1	7886	8053	8369	8103	3.03	cps
Molybdenum	97-1	4684	4192	4743	4540	6.66	cps
Molybdenum	98-1	12331	11505	11213	11683	4.96	cps
Neodymium	150-1	133	120	100	118	14.25	cps
Neodymium	150-2	30	17	30	26	30.11	cps
Nickel	60-2	697	713	790	733	6.79	cps
Phosphorus	31-2	217	175	125	172	26.65	cps
Potassium	39-2	131640	135931	135133	134235	1.70	cps
Rhodium	103-1	7294779	7373614	7251819	7306738	0.85	cps
Rhodium	103-2	3426122	3377971	3404453	3402849	0.71	cps
Scandium	45-1	5615316	5912417	5909806	5812513	2.94	cps
Scandium	45-2	177202	179781	177772	178252	0.76	cps
Selenium	82-1	214	183	103	167	34.24	cps
Selenium	77-2	0	7	7	4	86.60	cps
Selenium	78-2	54	50	51	52	4.03	cps
Silicon	28-1	31232115	32018843	31314979	31521979	1.37	cps
Silver	107-1	292	342	242	292	17.14	cps
Silver	109-1	383	250	258	297	25.13	cps
Sodium	23-2	4056524	4084876	4141127	4094176	1.05	cps
Strontium	86-1	276468	281477	285953	281299	1.69	cps
Strontium	88-1	2418397	2431265	2413088	2420917	0.39	cps
Sulfur	34-1	969677	948529	945546	954584	1.38	cps
Terbium	159-1	9357187	9598512	9410242	9455314	1.34	cps
Terbium	159-2	4061802	4063663	3918131	4014532	2.08	cps
Thallium	203-1	675	658	667	667	1.25	cps
Thallium	205-1	1925	1600	1508	1678	13.05	cps
Tin	118-1	7911	8245	11258	9138	20.18	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-01	Instrumnet Name :	P8
Client Sample ID :	MH1D92	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 16:52:49	DataFile Name :	081AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1717	1575	1417	1570	9.56	cps
Uranium	238-1	27230	26671	27873	27258	2.21	cps
Vanadium	51-2	760	747	650	719	8.35	cps
Ytterbium	172-1	108	75	67	83	26.46	cps
Ytterbium	172-2	17	50	6	24	96.06	cps
Ytterbium	176-1	1183	1150	925	1086	12.94	cps
Ytterbium	176-2	5979	6146	6118	6081	1.47	cps
Yttrium	89-1	14482009	15050220	14271323	14601184	2.76	cps
Yttrium	89-2	1435089	1500090	1419636	1451605	2.94	cps
Zinc	66-2	130668	133028	133761	132486	1.22	cps
Zirconium	90-1	1225	1283	1358	1289	5.19	cps
Zirconium	91-1	275	283	192	250	20.28	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-02	Instrumnet Name :	P8
Client Sample ID :	MH1D94	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 16:55:50	DataFile Name :	082AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3825	3901	3946	3891	1.58	cps
Antimony	121-1	26217	27219	27278	26905	2.22	cps
Arsenic	75-2	549	560	552	554	1.03	cps
Barium	135-1	20733	20408	19365	20168	3.54	cps
Barium	137-1	47478	47650	45938	47022	2.00	cps
Beryllium	9-1	148	162	162	157	5.14	cps
Bismuth	209-1	5394352	5271924	5339841	5335372	1.15	cps
Bismuth	209-2	2541527	2544472	2659362	2581787	2.60	cps
Boron	10-1	3066	3224	3360	3216	4.57	cps
Boron	11-1	14294	15099	15505	14966	4.12	cps
Bromine	81-1	23263	23213	25239	23905	4.83	cps
Cadmium	111-1	3518	3037	3401	3319	7.57	cps
Cadmium	106-1	3976	4017	3367	3787	9.61	cps
Cadmium	108-1	279	333	292	301	9.41	cps
Calcium	43-1	1122302	1142832	1135777	1133637	0.92	cps
Calcium	44-1	17699958	17794401	18113380	17869246	1.21	cps
Carbon	12-1	7045928	7482853	8131106	7553296	7.23	cps
Carbon	12-2	92719	91747	95285	93250	1.96	cps
Chlorine	35-1	705586	748642	790892	748373	5.70	cps
Chlorine	35-2	4968	5109	5510	5195	5.41	cps
Chromium	52-2	1370	1323	1300	1331	2.68	cps
Cobalt	59-2	830	800	777	802	3.33	cps
Copper	63-2	15866	15799	16643	16103	2.91	cps
Dysprosium	156-1	75	83	142	100	36.32	cps
Dysprosium	156-2	53	17	33	34	53.29	cps
Erbium	164-1	158	108	133	133	18.75	cps
Erbium	164-2	37	57	47	47	21.43	cps
Gadolinium	160-1	225	167	117	169	32.00	cps
Gadolinium	160-2	90	97	160	116	33.43	cps
Holmium	165-1	9338936	9146952	9342228	9276039	1.21	cps
Holmium	165-2	3710004	3550114	3836128	3698749	3.88	cps
Indium	115-1	8062652	7951397	8050792	8021614	0.76	cps
Indium	115-2	966416	966320	997579	976771	1.84	cps
Iron	54-2	13851	14408	13957	14072	2.10	cps
Iron	56-2	259392	253652	253650	255565	1.30	cps
Iron	57-2	7825	7819	8230	7958	2.96	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-02	Instrumnet Name :	P8
Client Sample ID :	MH1D94	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 16:55:50	DataFile Name :	082AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1007	973	1040	1007	3.31	cps
Lead	206-1	18664	19509	18842	19005	2.35	cps
Lead	207-1	16294	16661	16872	16609	1.76	cps
Lead	208-1	77406	77927	76852	77395	0.69	cps
Lithium	6-1	2869691	2857588	2905206	2877495	0.86	cps
Magnesium	24-2	1128661	1150885	1109450	1129666	1.84	cps
Manganese	55-2	23159	22812	22611	22861	1.21	cps
Molybdenum	94-1	4743	4926	4984	4884	2.58	cps
Molybdenum	95-1	7636	7636	7219	7497	3.21	cps
Molybdenum	96-1	8028	7744	8061	7944	2.19	cps
Molybdenum	97-1	4584	4843	4393	4606	4.90	cps
Molybdenum	98-1	11689	11647	11914	11750	1.22	cps
Neodymium	150-1	200	167	160	176	12.21	cps
Neodymium	150-2	30	70	60	53	39.03	cps
Nickel	60-2	793	853	767	804	5.52	cps
Phosphorus	31-2	167	175	142	161	10.77	cps
Potassium	39-2	148454	145117	143418	145663	1.76	cps
Rhodium	103-1	7677197	7358724	7426245	7487389	2.24	cps
Rhodium	103-2	2917543	3009100	3142156	3022933	3.74	cps
Scandium	45-1	6075079	5957047	5946633	5992920	1.19	cps
Scandium	45-2	156943	154996	162947	158296	2.62	cps
Selenium	82-1	231	225	207	221	5.71	cps
Selenium	77-2	3	3	10	6	69.34	cps
Selenium	78-2	52	41	49	47	12.02	cps
Silicon	28-1	31804284	30368805	31221110	31131400	2.32	cps
Silver	107-1	342	375	333	350	6.30	cps
Silver	109-1	308	367	250	308	18.92	cps
Sodium	23-2	6797519	6867036	6473849	6712801	3.13	cps
Strontium	86-1	315183	311030	318768	314993	1.23	cps
Strontium	88-1	2683654	2709654	2708882	2700730	0.55	cps
Sulfur	34-1	981913	963755	954424	966698	1.45	cps
Terbium	159-1	9821269	9731785	9453924	9668993	1.98	cps
Terbium	159-2	3416350	3491461	3685954	3531255	3.94	cps
Thallium	203-1	842	692	692	742	11.68	cps
Thallium	205-1	1625	1583	1700	1636	3.61	cps
Tin	118-1	8061	11813	8195	9356	22.75	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-02	Instrumnet Name :	P8
Client Sample ID :	MH1D94	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 16:55:50	DataFile Name :	082AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2875	2492	2600	2656	7.44	cps
Uranium	238-1	26495	26395	26846	26578	0.89	cps
Vanadium	51-2	797	713	773	761	5.65	cps
Ytterbium	172-1	67	83	83	78	12.37	cps
Ytterbium	172-2	17	11	33	20	56.76	cps
Ytterbium	176-1	958	1058	1208	1075	11.71	cps
Ytterbium	176-2	4801	5246	5540	5196	7.16	cps
Yttrium	89-1	15449406	14904171	15105400	15152992	1.82	cps
Yttrium	89-2	1283623	1256608	1307651	1282627	1.99	cps
Zinc	66-2	112158	110979	112017	111718	0.58	cps
Zirconium	90-1	1792	1725	1683	1733	3.15	cps
Zirconium	91-1	408	325	2335	1023	111.19	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-03	Instrumnet Name :	P8
Client Sample ID :	MH1D96	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 16:58:49	DataFile Name :	083AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4065	4008	4110	4061	1.27	cps
Antimony	121-1	25316	25950	25858	25708	1.33	cps
Arsenic	75-2	563	525	577	555	4.85	cps
Barium	135-1	20107	19590	19723	19807	1.36	cps
Barium	137-1	47010	45488	45476	45992	1.92	cps
Beryllium	9-1	174	144	152	157	9.92	cps
Bismuth	209-1	5357784	5350259	5309313	5339119	0.49	cps
Bismuth	209-2	2877941	2794996	2792217	2821718	1.73	cps
Boron	10-1	3100	3172	3242	3171	2.24	cps
Boron	11-1	14735	15423	15773	15310	3.45	cps
Bromine	81-1	23183	22241	23073	22832	2.26	cps
Cadmium	111-1	3288	3348	3348	3328	1.04	cps
Cadmium	106-1	3767	3917	3692	3792	3.02	cps
Cadmium	108-1	217	279	258	251	12.66	cps
Calcium	43-1	1123271	1124287	1107940	1118499	0.82	cps
Calcium	44-1	17679283	18328623	17710802	17906236	2.04	cps
Carbon	12-1	7155278	7709580	8072743	7645867	6.04	cps
Carbon	12-2	90639	92651	92475	91922	1.21	cps
Chlorine	35-1	837465	871256	913511	874077	4.36	cps
Chlorine	35-2	6176	5543	5843	5854	5.41	cps
Chromium	52-2	1030	1157	1283	1157	10.95	cps
Cobalt	59-2	820	790	760	790	3.80	cps
Copper	63-2	15675	15459	15846	15660	1.24	cps
Dysprosium	156-1	133	142	125	133	6.25	cps
Dysprosium	156-2	60	50	43	51	16.42	cps
Erbium	164-1	83	183	150	139	36.66	cps
Erbium	164-2	47	57	60	54	12.74	cps
Gadolinium	160-1	117	167	83	122	34.31	cps
Gadolinium	160-2	110	117	150	126	17.07	cps
Holmium	165-1	8973870	8955746	9347383	9092333	2.43	cps
Holmium	165-2	4094029	3929761	4058360	4027383	2.15	cps
Indium	115-1	8243355	8025096	7982062	8083505	1.73	cps
Indium	115-2	1095604	1083226	1079989	1086273	0.76	cps
Iron	54-2	13863	13685	14041	13863	1.29	cps
Iron	56-2	259855	246855	252274	252994	2.58	cps
Iron	57-2	7602	7958	7569	7710	2.80	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-03	Instrumnet Name :	P8
Client Sample ID :	MH1D96	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 16:58:49	DataFile Name :	083AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1143	1140	1117	1133	1.28	cps
Lead	206-1	18703	19159	19203	19022	1.46	cps
Lead	207-1	16794	16717	16711	16741	0.28	cps
Lead	208-1	76902	76846	76222	76657	0.49	cps
Lithium	6-1	2952042	3015727	2902295	2956688	1.92	cps
Magnesium	24-2	1106844	1127982	1133282	1122702	1.25	cps
Manganese	55-2	22858	22047	22184	22363	1.94	cps
Molybdenum	94-1	4868	4718	5251	4945	5.56	cps
Molybdenum	95-1	7177	6710	6802	6896	3.59	cps
Molybdenum	96-1	7536	8111	7736	7794	3.75	cps
Molybdenum	97-1	4367	4868	4401	4545	6.15	cps
Molybdenum	98-1	11080	11438	11664	11394	2.58	cps
Neodymium	150-1	127	167	173	156	16.23	cps
Neodymium	150-2	43	43	43	43	0.00	cps
Nickel	60-2	727	807	720	751	6.42	cps
Phosphorus	31-2	183	125	217	175	26.51	cps
Potassium	39-2	143451	143466	138217	141712	2.14	cps
Rhodium	103-1	7718257	7634116	7632165	7661513	0.64	cps
Rhodium	103-2	3449645	3394582	3383100	3409109	1.04	cps
Scandium	45-1	6009565	5906227	5789627	5901806	1.86	cps
Scandium	45-2	178244	176544	177327	177372	0.48	cps
Selenium	82-1	140	129	68	112	34.50	cps
Selenium	77-2	10	3	7	7	50.03	cps
Selenium	78-2	50	52	50	51	2.28	cps
Silicon	28-1	31257908	30806523	30488816	30851082	1.25	cps
Silver	107-1	550	717	642	636	13.12	cps
Silver	109-1	508	550	483	514	6.55	cps
Sodium	23-2	6828426	6885687	6726658	6813590	1.18	cps
Strontium	86-1	307604	313986	314421	312004	1.22	cps
Strontium	88-1	2563844	2640924	2630257	2611675	1.60	cps
Sulfur	34-1	952571	964647	946378	954532	0.97	cps
Terbium	159-1	9718368	9668739	9582483	9656530	0.71	cps
Terbium	159-2	3974829	3922729	4027458	3975005	1.32	cps
Thallium	203-1	742	700	642	694	7.23	cps
Thallium	205-1	1508	1700	1575	1595	6.10	cps
Tin	118-1	8728	9387	8611	8909	4.69	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-03	Instrumnet Name :	P8
Client Sample ID :	MH1D96	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 16:58:49	DataFile Name :	083AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2359	2767	2375	2500	9.25	cps
Uranium	238-1	25142	25125	25911	25393	1.77	cps
Vanadium	51-2	750	657	677	694	7.08	cps
Ytterbium	172-1	42	58	67	56	22.91	cps
Ytterbium	172-2	56	28	28	37	43.30	cps
Ytterbium	176-1	933	842	942	906	6.13	cps
Ytterbium	176-2	5207	5774	6396	5792	10.27	cps
Yttrium	89-1	15121896	14832824	15021307	14992009	0.98	cps
Yttrium	89-2	1455712	1439290	1461245	1452082	0.79	cps
Zinc	66-2	108493	109905	108927	109108	0.66	cps
Zirconium	90-1	1683	1550	1617	1617	4.12	cps
Zirconium	91-1	408	400	458	422	7.47	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-04	Instrumnet Name :	P8
Client Sample ID :	MH1D98	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:01:50	DataFile Name :	084AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1651	1645	1585	1627	2.25	cps
Antimony	121-1	25491	25558	25241	25430	0.66	cps
Arsenic	75-2	440	451	408	433	5.16	cps
Barium	135-1	21868	21927	23045	22280	2.98	cps
Barium	137-1	51158	51202	52583	51648	1.57	cps
Beryllium	9-1	150	124	190	155	21.49	cps
Bismuth	209-1	5456464	5268269	5273546	5332760	2.01	cps
Bismuth	209-2	2870254	2819665	2747472	2812464	2.19	cps
Boron	10-1	3290	3420	3710	3473	6.19	cps
Boron	11-1	15831	16402	16822	16352	3.04	cps
Bromine	81-1	21809	22622	22822	22418	2.39	cps
Cadmium	111-1	3342	3349	3205	3299	2.45	cps
Cadmium	106-1	3742	3792	3884	3806	1.89	cps
Cadmium	108-1	229	254	292	258	12.18	cps
Calcium	43-1	1192261	1166061	1177771	1178698	1.11	cps
Calcium	44-1	19140535	18445476	19348192	18978067	2.49	cps
Carbon	12-1	7346823	7912319	8184540	7814561	5.47	cps
Carbon	12-2	93037	94555	97658	95083	2.48	cps
Chlorine	35-1	964673	1012327	1066919	1014640	5.04	cps
Chlorine	35-2	6668	6918	7686	7091	7.48	cps
Chromium	52-2	1010	810	1087	969	14.74	cps
Cobalt	59-2	247	313	257	272	13.21	cps
Copper	63-2	7122	7252	6762	7045	3.60	cps
Dysprosium	156-1	33	92	33	53	63.82	cps
Dysprosium	156-2	20	20	13	18	21.66	cps
Erbium	164-1	100	142	83	108	27.73	cps
Erbium	164-2	47	33	43	41	16.89	cps
Gadolinium	160-1	92	67	83	81	15.80	cps
Gadolinium	160-2	97	103	87	96	8.78	cps
Holmium	165-1	9195174	9085128	9084387	9121563	0.70	cps
Holmium	165-2	3946108	4077866	4012680	4012218	1.64	cps
Indium	115-1	7896403	7841208	7775293	7837635	0.77	cps
Indium	115-2	1086199	1067991	1062598	1072263	1.15	cps
Iron	54-2	5073	4901	5073	5016	1.98	cps
Iron	56-2	88633	87524	85467	87208	1.84	cps
Iron	57-2	3745	3706	3923	3791	3.05	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-04	Instrumnet Name :	P8
Client Sample ID :	MH1D98	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:01:50	DataFile Name :	084AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1000	1227	1093	1107	10.29	cps
Lead	206-1	10288	10232	10627	10382	2.06	cps
Lead	207-1	9081	9270	9192	9181	1.03	cps
Lead	208-1	41210	41577	41883	41556	0.81	cps
Lithium	6-1	2883379	2966419	3028373	2959390	2.46	cps
Magnesium	24-2	1217037	1214501	1206385	1212641	0.46	cps
Manganese	55-2	7842	7522	7709	7691	2.09	cps
Molybdenum	94-1	4584	4451	4701	4579	2.73	cps
Molybdenum	95-1	7669	7135	7536	7447	3.73	cps
Molybdenum	96-1	8278	7844	8186	8103	2.82	cps
Molybdenum	97-1	4751	4301	4601	4551	5.04	cps
Molybdenum	98-1	11655	11597	11538	11597	0.50	cps
Neodymium	150-1	67	67	120	84	36.46	cps
Neodymium	150-2	37	20	7	21	71.19	cps
Nickel	60-2	727	623	703	684	7.92	cps
Phosphorus	31-2	167	92	167	142	30.56	cps
Potassium	39-2	151087	148243	148072	149134	1.14	cps
Rhodium	103-1	7324972	7417397	7511499	7417956	1.26	cps
Rhodium	103-2	3414027	3256467	3312668	3327721	2.40	cps
Scandium	45-1	5866144	5732211	5755537	5784631	1.24	cps
Scandium	45-2	176864	174116	172320	174433	1.31	cps
Selenium	82-1	286	63	153	167	66.97	cps
Selenium	77-2	3	7	7	6	34.70	cps
Selenium	78-2	42	56	51	50	14.29	cps
Silicon	28-1	29316639	29865830	30889925	30024131	2.66	cps
Silver	107-1	225	283	275	261	12.08	cps
Silver	109-1	192	200	250	214	14.75	cps
Sodium	23-2	8661402	8203357	8582398	8482386	2.89	cps
Strontium	86-1	319288	326653	330025	325322	1.69	cps
Strontium	88-1	2734405	2806389	2719383	2753392	1.69	cps
Sulfur	34-1	1023726	1020669	1043152	1029182	1.18	cps
Terbium	159-1	9505674	9468484	9275156	9416438	1.31	cps
Terbium	159-2	4029921	3969519	3867637	3955692	2.07	cps
Thallium	203-1	750	767	733	750	2.22	cps
Thallium	205-1	1658	1558	1592	1603	3.18	cps
Tin	118-1	8295	9640	8862	8932	7.56	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-04	Instrumnet Name :	P8
Client Sample ID :	MH1D98	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:01:50	DataFile Name :	084AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1483	1508	1350	1447	5.88	cps
Uranium	238-1	26512	25335	25885	25910	2.27	cps
Vanadium	51-2	547	593	640	593	7.87	cps
Ytterbium	172-1	58	67	67	64	7.53	cps
Ytterbium	172-2	22	6	17	15	57.25	cps
Ytterbium	176-1	983	950	1050	995	5.12	cps
Ytterbium	176-2	5668	5779	5974	5807	2.66	cps
Yttrium	89-1	14446648	14984153	14485282	14638694	2.05	cps
Yttrium	89-2	1454821	1449061	1387455	1430446	2.61	cps
Zinc	66-2	97360	98048	94471	96626	1.96	cps
Zirconium	90-1	1242	1359	1258	1286	4.91	cps
Zirconium	91-1	217	333	283	278	21.07	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-05	Instrumnet Name :	P8
Client Sample ID :	MH1E00	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:04:48	DataFile Name :	085AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7372	7357	7325	7351	0.33	cps
Antimony	121-1	27645	26501	27478	27208	2.27	cps
Arsenic	75-2	493	471	449	471	4.67	cps
Barium	135-1	23162	23504	22978	23215	1.15	cps
Barium	137-1	53105	52901	53546	53184	0.62	cps
Beryllium	9-1	144	166	198	169	16.04	cps
Bismuth	209-1	5355125	5457989	5292993	5368703	1.55	cps
Bismuth	209-2	2823361	2825273	2834340	2827658	0.21	cps
Boron	10-1	3142	3368	3588	3366	6.63	cps
Boron	11-1	15171	16150	16128	15816	3.53	cps
Bromine	81-1	21870	23935	23534	23113	4.74	cps
Cadmium	111-1	3367	3518	3318	3401	3.06	cps
Cadmium	106-1	3350	3984	3492	3609	9.21	cps
Cadmium	108-1	288	267	275	276	3.79	cps
Calcium	43-1	1136921	1153912	1165256	1152030	1.24	cps
Calcium	44-1	18949815	18216680	18283581	18483359	2.19	cps
Carbon	12-1	7052289	7806280	7849562	7569377	5.92	cps
Carbon	12-2	90261	90680	93129	91357	1.70	cps
Chlorine	35-1	1022616	1070522	1119584	1070907	4.53	cps
Chlorine	35-2	7144	6977	7644	7255	4.78	cps
Chromium	52-2	1253	1270	1173	1232	4.19	cps
Cobalt	59-2	497	443	603	514	15.84	cps
Copper	63-2	10511	9997	10491	10333	2.82	cps
Dysprosium	156-1	158	175	150	161	7.90	cps
Dysprosium	156-2	60	53	57	57	5.89	cps
Erbium	164-1	267	167	200	211	24.12	cps
Erbium	164-2	67	100	57	74	30.48	cps
Gadolinium	160-1	217	225	225	222	2.16	cps
Gadolinium	160-2	110	120	120	117	4.95	cps
Holmium	165-1	9125790	9244030	9149358	9173059	0.68	cps
Holmium	165-2	3935099	3982350	4059764	3992404	1.58	cps
Indium	115-1	7951386	7788802	7893200	7877796	1.05	cps
Indium	115-2	1043553	1050552	1054881	1049662	0.54	cps
Iron	54-2	13240	12289	13673	13067	5.42	cps
Iron	56-2	241174	242023	244181	242459	0.64	cps
Iron	57-2	7524	7663	7363	7517	2.00	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-05	Instrumnet Name :	P8
Client Sample ID :	MH1E00	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:04:48	DataFile Name :	085AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1127	1197	1163	1162	3.01	cps
Lead	206-1	42598	44242	44281	43707	2.20	cps
Lead	207-1	38006	38285	37544	37945	0.99	cps
Lead	208-1	175002	176421	174679	175367	0.53	cps
Lithium	6-1	2927534	2844827	2972710	2915024	2.22	cps
Magnesium	24-2	1165288	1147135	1171405	1161276	1.09	cps
Manganese	55-2	11642	11538	11351	11510	1.28	cps
Molybdenum	94-1	4351	4434	4968	4584	7.30	cps
Molybdenum	95-1	6994	6810	7060	6955	1.86	cps
Molybdenum	96-1	7619	7419	7861	7633	2.90	cps
Molybdenum	97-1	4534	4359	4076	4323	5.35	cps
Molybdenum	98-1	11046	11772	11372	11397	3.19	cps
Neodymium	150-1	320	227	287	278	17.03	cps
Neodymium	150-2	60	110	53	74	41.61	cps
Nickel	60-2	757	707	720	728	3.56	cps
Phosphorus	31-2	175	150	192	172	12.18	cps
Potassium	39-2	150652	143437	143948	146012	2.76	cps
Rhodium	103-1	7384466	7627783	7354701	7455650	2.01	cps
Rhodium	103-2	3170073	3275247	3278853	3241391	1.91	cps
Scandium	45-1	6044764	5939265	5855352	5946460	1.60	cps
Scandium	45-2	172100	170122	173336	171853	0.94	cps
Selenium	82-1	59	13	85	52	70.13	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	48	44	42	45	6.85	cps
Silicon	28-1	30954943	30548573	30397034	30633517	0.94	cps
Silver	107-1	442	475	650	522	21.43	cps
Silver	109-1	567	608	517	564	8.14	cps
Sodium	23-2	7630159	7701246	7738857	7690087	0.72	cps
Strontium	86-1	312726	313643	319471	315280	1.16	cps
Strontium	88-1	2657211	2699086	2722966	2693088	1.24	cps
Sulfur	34-1	1034714	1001450	990565	1008910	2.28	cps
Terbium	159-1	9759873	9474740	9454594	9563069	1.79	cps
Terbium	159-2	3947858	3891086	3886634	3908526	0.87	cps
Thallium	203-1	725	792	783	767	4.74	cps
Thallium	205-1	1750	1684	1708	1714	1.97	cps
Tin	118-1	8411	8436	8703	8517	1.90	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-05	Instrumnet Name :	P8
Client Sample ID :	MH1E00	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:04:48	DataFile Name :	085AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4659	4351	4217	4409	5.14	cps
Uranium	238-1	24792	25677	24566	25011	2.35	cps
Vanadium	51-2	930	997	1030	986	5.17	cps
Ytterbium	172-1	75	92	83	83	10.00	cps
Ytterbium	172-2	17	28	17	20	31.48	cps
Ytterbium	176-1	858	850	992	900	8.83	cps
Ytterbium	176-2	5357	5657	6024	5679	5.88	cps
Yttrium	89-1	14960962	15201796	14858514	15007091	1.17	cps
Yttrium	89-2	1414369	1373090	1384167	1390542	1.54	cps
Zinc	66-2	98424	97833	97812	98023	0.35	cps
Zirconium	90-1	2075	14363	2417	6285	111.34	cps
Zirconium	91-1	467	533	442	481	9.86	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-06	Instrumnet Name :	P8
Client Sample ID :	MH1E02	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:07:48	DataFile Name :	086AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8200	7954	7807	7987	2.48	cps
Antimony	121-1	25458	25958	26460	25959	1.93	cps
Arsenic	75-2	505	489	518	504	2.88	cps
Barium	135-1	23571	22277	22578	22809	2.97	cps
Barium	137-1	54387	54831	54183	54467	0.61	cps
Beryllium	9-1	154	160	156	157	1.95	cps
Bismuth	209-1	5179908	5283495	5121333	5194912	1.58	cps
Bismuth	209-2	2852060	2789516	2832369	2824648	1.13	cps
Boron	10-1	3390	3460	3414	3421	1.04	cps
Boron	11-1	15781	16564	17021	16455	3.81	cps
Bromine	81-1	22852	22622	24557	23344	4.53	cps
Cadmium	111-1	3847	4138	4007	3997	3.65	cps
Cadmium	106-1	3634	4009	3884	3842	4.97	cps
Cadmium	108-1	342	342	408	364	10.58	cps
Calcium	43-1	1169478	1192317	1171111	1177635	1.08	cps
Calcium	44-1	19194659	18990486	19488847	19224664	1.30	cps
Carbon	12-1	7200301	7545910	7803401	7516537	4.03	cps
Carbon	12-2	91460	89701	93658	91606	2.16	cps
Chlorine	35-1	1162423	1188550	1293127	1214700	5.69	cps
Chlorine	35-2	8203	8169	8411	8261	1.59	cps
Chromium	52-2	1603	1537	1620	1587	2.78	cps
Cobalt	59-2	530	567	583	560	4.87	cps
Copper	63-2	12075	11918	12002	11999	0.65	cps
Dysprosium	156-1	175	192	192	186	5.17	cps
Dysprosium	156-2	57	77	87	73	20.83	cps
Erbium	164-1	192	192	258	214	18.00	cps
Erbium	164-2	80	117	107	101	18.75	cps
Gadolinium	160-1	200	200	192	197	2.44	cps
Gadolinium	160-2	117	130	100	116	13.01	cps
Holmium	165-1	8898769	9298058	9009720	9068849	2.27	cps
Holmium	165-2	4114329	4056033	3964986	4045116	1.86	cps
Indium	115-1	7807750	7824632	7598490	7743624	1.63	cps
Indium	115-2	1075659	1079885	1071039	1075528	0.41	cps
Iron	54-2	16844	16554	16332	16577	1.55	cps
Iron	56-2	299806	312122	304777	305568	2.03	cps
Iron	57-2	8875	8920	9125	8973	1.49	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-06	Instrumnet Name :	P8
Client Sample ID :	MH1E02	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:07:48	DataFile Name :	086AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1037	1033	997	1022	2.17	cps
Lead	206-1	42509	44276	43223	43336	2.05	cps
Lead	207-1	37923	37861	39394	38392	2.26	cps
Lead	208-1	170935	173860	177221	174005	1.81	cps
Lithium	6-1	2870755	2880531	2892164	2881150	0.37	cps
Magnesium	24-2	1216525	1180607	1184104	1193745	1.66	cps
Manganese	55-2	18098	18008	18192	18099	0.51	cps
Molybdenum	94-1	4626	4626	4709	4654	1.03	cps
Molybdenum	95-1	6360	6810	6760	6643	3.71	cps
Molybdenum	96-1	7360	7594	7694	7549	2.27	cps
Molybdenum	97-1	3817	4092	4117	4009	4.15	cps
Molybdenum	98-1	10212	10062	11455	10577	7.23	cps
Neodymium	150-1	240	393	247	293	29.55	cps
Neodymium	150-2	77	100	87	88	13.33	cps
Nickel	60-2	843	847	850	847	0.39	cps
Phosphorus	31-2	167	142	217	175	21.82	cps
Potassium	39-2	157253	158495	153943	156564	1.50	cps
Rhodium	103-1	7127969	7510797	7262037	7300268	2.66	cps
Rhodium	103-2	3450153	3351017	3291700	3364290	2.38	cps
Scandium	45-1	5816532	5898312	5857288	5857377	0.70	cps
Scandium	45-2	174102	174948	173131	174060	0.52	cps
Selenium	82-1	183	167	239	197	19.22	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	60	55	45	53	14.33	cps
Silicon	28-1	30203137	29960198	29487619	29883651	1.22	cps
Silver	107-1	692	667	825	728	11.70	cps
Silver	109-1	492	683	650	608	16.83	cps
Sodium	23-2	9190355	9067463	9414432	9224084	1.91	cps
Strontium	86-1	318136	319975	319062	319058	0.29	cps
Strontium	88-1	2706482	2800538	2738842	2748621	1.74	cps
Sulfur	34-1	1073243	1038776	1041008	1051009	1.84	cps
Terbium	159-1	9342717	9589119	9541939	9491258	1.38	cps
Terbium	159-2	3965322	3935357	3927328	3942669	0.51	cps
Thallium	203-1	725	833	775	778	6.97	cps
Thallium	205-1	2042	1742	1759	1847	9.13	cps
Tin	118-1	8603	12833	8453	9963	24.96	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-06	Instrumnet Name :	P8
Client Sample ID :	MH1E02	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:07:48	DataFile Name :	086AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	10550	5444	4809	6935	45.39	cps
Uranium	238-1	23564	23714	23664	23648	0.32	cps
Vanadium	51-2	1053	1007	1077	1046	3.41	cps
Ytterbium	172-1	58	83	58	67	21.65	cps
Ytterbium	172-2	67	22	44	44	50.00	cps
Ytterbium	176-1	892	908	892	897	1.07	cps
Ytterbium	176-2	5440	6213	5996	5883	6.77	cps
Yttrium	89-1	14361962	14892165	14411270	14555132	2.01	cps
Yttrium	89-2	1475920	1449770	1395409	1440367	2.85	cps
Zinc	66-2	108725	109547	108604	108959	0.47	cps
Zirconium	90-1	2567	2175	2642	2461	10.18	cps
Zirconium	91-1	433	483	592	503	16.10	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-07	Instrumnet Name :	P8
Client Sample ID :	MH1E04	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:10:46	DataFile Name :	087AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9095	9349	8983	9143	2.05	cps
Antimony	121-1	27253	27971	27128	27450	1.66	cps
Arsenic	75-2	489	540	505	511	5.10	cps
Barium	135-1	23947	23563	23045	23518	1.92	cps
Barium	137-1	53726	55293	54255	54425	1.46	cps
Beryllium	9-1	142	136	158	145	7.83	cps
Bismuth	209-1	5220502	5078159	5147640	5148767	1.38	cps
Bismuth	209-2	2724114	2706571	2787446	2739377	1.55	cps
Boron	10-1	3160	3136	3374	3223	4.07	cps
Boron	11-1	14921	15129	15853	15301	3.20	cps
Bromine	81-1	23444	22662	24326	23477	3.55	cps
Cadmium	111-1	3284	3193	3332	3270	2.17	cps
Cadmium	106-1	3751	3892	3626	3756	3.55	cps
Cadmium	108-1	292	188	275	251	22.26	cps
Calcium	43-1	1147054	1130674	1134123	1137284	0.76	cps
Calcium	44-1	18527480	17836002	18008445	18123976	1.99	cps
Carbon	12-1	7432201	7608438	7707945	7582861	1.84	cps
Carbon	12-2	91696	94221	93834	93250	1.46	cps
Chlorine	35-1	1186005	1271351	1234969	1230775	3.48	cps
Chlorine	35-2	8386	8361	8161	8303	1.49	cps
Chromium	52-2	1723	1473	1463	1553	9.48	cps
Cobalt	59-2	620	593	560	591	5.09	cps
Copper	63-2	12149	11875	11999	12007	1.14	cps
Dysprosium	156-1	200	208	192	200	4.17	cps
Dysprosium	156-2	97	103	107	102	4.98	cps
Erbium	164-1	317	225	183	242	28.23	cps
Erbium	164-2	97	77	60	78	23.61	cps
Gadolinium	160-1	225	275	158	219	26.67	cps
Gadolinium	160-2	127	177	170	158	17.21	cps
Holmium	165-1	8914469	8821860	8916622	8884317	0.61	cps
Holmium	165-2	3944834	3874401	3893870	3904369	0.93	cps
Indium	115-1	7752307	7536278	7397130	7561905	2.37	cps
Indium	115-2	1035028	1034257	1031482	1033589	0.18	cps
Iron	54-2	18401	18039	17767	18069	1.76	cps
Iron	56-2	325551	335750	326832	329378	1.69	cps
Iron	57-2	9476	9570	9954	9666	2.62	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-07	Instrumnet Name :	P8
Client Sample ID :	MH1E04	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:10:46	DataFile Name :	087AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1210	1233	1107	1183	5.70	cps
Lead	206-1	49528	50058	50331	49972	0.82	cps
Lead	207-1	43824	44476	43323	43874	1.32	cps
Lead	208-1	201361	200342	202010	201237	0.42	cps
Lithium	6-1	2890662	2808644	2694815	2798040	3.52	cps
Magnesium	24-2	1153504	1133044	1172204	1152917	1.70	cps
Manganese	55-2	15812	15749	15302	15621	1.78	cps
Molybdenum	94-1	4818	5051	5043	4970	2.67	cps
Molybdenum	95-1	6794	6860	7419	7024	4.89	cps
Molybdenum	96-1	7636	8036	7135	7602	5.93	cps
Molybdenum	97-1	3842	4151	4259	4084	5.30	cps
Molybdenum	98-1	10521	10646	10905	10691	1.83	cps
Neodymium	150-1	347	320	313	327	5.40	cps
Neodymium	150-2	143	103	90	112	24.74	cps
Nickel	60-2	977	863	813	884	9.46	cps
Phosphorus	31-2	200	117	167	161	26.03	cps
Potassium	39-2	149295	147500	145337	147377	1.34	cps
Rhodium	103-1	7248019	7103357	7083195	7144857	1.26	cps
Rhodium	103-2	3215038	3168918	3202523	3195493	0.75	cps
Scandium	45-1	5813402	5531697	5731018	5692039	2.54	cps
Scandium	45-2	169711	165474	168867	168017	1.33	cps
Selenium	82-1	211	67	160	146	49.92	cps
Selenium	77-2	3	13	3	7	86.65	cps
Selenium	78-2	55	49	62	55	11.76	cps
Silicon	28-1	30238767	28975048	28030162	29081326	3.81	cps
Silver	107-1	833	617	875	775	17.90	cps
Silver	109-1	850	825	683	786	11.43	cps
Sodium	23-2	8022288	7937056	7806413	7921919	1.37	cps
Strontium	86-1	312410	311432	312892	312245	0.24	cps
Strontium	88-1	2635056	2648073	2737330	2673486	2.08	cps
Sulfur	34-1	1027493	1005343	980280	1004372	2.35	cps
Terbium	159-1	9418819	9007665	9370768	9265751	2.43	cps
Terbium	159-2	3821267	3778985	3805519	3801924	0.56	cps
Thallium	203-1	650	675	583	636	7.45	cps
Thallium	205-1	1659	1567	1575	1600	3.17	cps
Tin	118-1	8245	7927	8603	8258	4.09	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-07	Instrumnet Name :	P8
Client Sample ID :	MH1E04	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:10:46	DataFile Name :	087AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4993	5476	5343	5271	4.74	cps
Uranium	238-1	23564	24332	24532	24143	2.12	cps
Vanadium	51-2	1223	1180	1260	1221	3.28	cps
Ytterbium	172-1	33	125	42	67	76.03	cps
Ytterbium	172-2	39	28	67	44	45.07	cps
Ytterbium	176-1	975	967	958	967	0.86	cps
Ytterbium	176-2	5668	6029	6096	5931	3.88	cps
Yttrium	89-1	14499311	14287589	14303657	14363519	0.82	cps
Yttrium	89-2	1348167	1381676	1356941	1362262	1.28	cps
Zinc	66-2	91162	92313	90669	91381	0.92	cps
Zirconium	90-1	2725	2417	2592	2578	6.00	cps
Zirconium	91-1	567	692	442	567	22.06	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-08	Instrumnet Name :	P8
Client Sample ID :	MH1E06	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:13:47	DataFile Name :	088AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1916	1945	1795	1885	4.22	cps
Antimony	121-1	22887	23204	23354	23148	1.03	cps
Arsenic	75-2	374	382	373	376	1.31	cps
Barium	135-1	23229	24373	23137	23580	2.92	cps
Barium	137-1	54198	56130	55271	55200	1.75	cps
Beryllium	9-1	150	162	120	144	15.02	cps
Bismuth	209-1	5087267	5061780	5030333	5059793	0.56	cps
Bismuth	209-2	2718851	2722576	2643317	2694915	1.66	cps
Boron	10-1	3642	3914	3882	3812	3.90	cps
Boron	11-1	17323	18378	19161	18287	5.04	cps
Bromine	81-1	24607	25128	24176	24637	1.94	cps
Cadmium	111-1	5237	5177	4968	5128	2.76	cps
Cadmium	106-1	3701	4084	3809	3865	5.11	cps
Cadmium	108-1	313	425	375	371	15.20	cps
Calcium	43-1	1343227	1372868	1343989	1353361	1.25	cps
Calcium	44-1	21079276	21253425	21075834	21136178	0.48	cps
Carbon	12-1	7303500	7842331	8083505	7743112	5.16	cps
Carbon	12-2	93625	93842	96543	94670	1.72	cps
Chlorine	35-1	1410353	1528877	1600390	1513207	6.34	cps
Chlorine	35-2	11130	11321	11113	11188	1.04	cps
Chromium	52-2	790	847	913	850	7.26	cps
Cobalt	59-2	370	387	270	342	18.44	cps
Copper	63-2	6118	6088	6141	6116	0.44	cps
Dysprosium	156-1	108	50	58	72	43.69	cps
Dysprosium	156-2	40	20	27	29	35.25	cps
Erbium	164-1	100	100	83	94	10.18	cps
Erbium	164-2	60	50	33	48	28.20	cps
Gadolinium	160-1	100	133	108	114	15.23	cps
Gadolinium	160-2	103	103	90	99	7.78	cps
Holmium	165-1	8844795	8594948	8845790	8761845	1.65	cps
Holmium	165-2	4002687	3872628	3774156	3883157	2.95	cps
Indium	115-1	7661246	7587611	7715850	7654902	0.84	cps
Indium	115-2	1046453	1035862	998388	1026901	2.46	cps
Iron	54-2	6168	6229	5879	6092	3.07	cps
Iron	56-2	105213	105415	105257	105295	0.10	cps
Iron	57-2	4301	4579	4623	4501	3.88	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-08	Instrumnet Name :	P8
Client Sample ID :	MH1E06	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:13:47	DataFile Name :	088AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1117	1163	1093	1125	3.17	cps
Lead	206-1	14080	14547	14519	14382	1.82	cps
Lead	207-1	12139	12200	12912	12417	3.46	cps
Lead	208-1	56628	57718	58608	57651	1.72	cps
Lithium	6-1	2675148	2653207	2794549	2707634	2.81	cps
Magnesium	24-2	1317350	1283430	1316741	1305840	1.49	cps
Manganese	55-2	24247	23680	24628	24185	1.97	cps
Molybdenum	94-1	3676	4051	3976	3901	5.09	cps
Molybdenum	95-1	5810	5751	6160	5907	3.74	cps
Molybdenum	96-1	6443	6585	6535	6521	1.10	cps
Molybdenum	97-1	3517	3959	4034	3837	7.28	cps
Molybdenum	98-1	9095	9487	9437	9340	2.28	cps
Neodymium	150-1	87	73	73	78	9.89	cps
Neodymium	150-2	33	33	33	33	0.00	cps
Nickel	60-2	993	1097	950	1013	7.44	cps
Phosphorus	31-2	133	100	142	125	17.64	cps
Potassium	39-2	178185	177282	176388	177285	0.51	cps
Rhodium	103-1	7080405	7200865	7093122	7124797	0.93	cps
Rhodium	103-2	3285084	3129589	3161567	3192080	2.57	cps
Scandium	45-1	5768968	5755789	5630024	5718261	1.34	cps
Scandium	45-2	171032	169361	163641	168011	2.31	cps
Selenium	82-1	141	125	111	126	11.70	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	49	47	47	48	2.43	cps
Silicon	28-1	28259270	28582688	29690934	28844298	2.60	cps
Silver	107-1	325	367	292	328	11.46	cps
Silver	109-1	275	342	325	314	11.05	cps
Sodium	23-2	13912383	13496396	13789705	13732828	1.56	cps
Strontium	86-1	344299	348293	340600	344397	1.12	cps
Strontium	88-1	2928023	2917784	2975059	2940289	1.04	cps
Sulfur	34-1	1177400	1202244	1201204	1193616	1.18	cps
Terbium	159-1	9137204	9298964	9173015	9203061	0.92	cps
Terbium	159-2	3802526	3753748	3779825	3778699	0.65	cps
Thallium	203-1	800	642	692	711	11.38	cps
Thallium	205-1	1975	1725	1667	1789	9.16	cps
Tin	118-1	7836	7844	7953	7878	0.83	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-08	Instrumnet Name :	P8
Client Sample ID :	MH1E06	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:13:47	DataFile Name :	088AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1592	1400	1433	1475	6.94	cps
Uranium	238-1	22070	22195	22028	22098	0.39	cps
Vanadium	51-2	513	667	650	610	13.79	cps
Ytterbium	172-1	42	83	67	64	32.83	cps
Ytterbium	172-2	17	6	17	13	49.47	cps
Ytterbium	176-1	1008	950	925	961	4.45	cps
Ytterbium	176-2	5518	5913	5807	5746	3.56	cps
Yttrium	89-1	14026048	14537156	14066606	14209937	2.00	cps
Yttrium	89-2	1361014	1394487	1327405	1360968	2.46	cps
Zinc	66-2	143357	141875	143322	142851	0.59	cps
Zirconium	90-1	1283	1283	958	1175	15.97	cps
Zirconium	91-1	292	267	350	303	14.12	cps

LB Number : LB117862 Operator : Jaswal
 Lab Sample ID : M5046-09 Instrumnet Name : P8
 Client Sample ID : MH1E08 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-16 17:16:44 DataFile Name : 089AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18680	18232	18732	18548	1.48	cps
Antimony	121-1	27495	26543	26501	26846	2.09	cps
Arsenic	75-2	662	652	667	660	1.16	cps
Barium	135-1	42459	43914	43638	43337	1.78	cps
Barium	137-1	99327	101843	102909	101359	1.81	cps
Beryllium	9-1	140	134	132	135	3.08	cps
Bismuth	209-1	5161165	5252282	5111815	5175087	1.38	cps
Bismuth	209-2	2684435	2665729	2800791	2716985	2.69	cps
Boron	10-1	4198	4500	4588	4428	4.62	cps
Boron	11-1	20635	21636	22241	21504	3.77	cps
Bromine	81-1	25670	28659	27636	27321	5.56	cps
Cadmium	111-1	6160	6359	6512	6344	2.78	cps
Cadmium	106-1	4051	3934	4192	4059	3.19	cps
Cadmium	108-1	400	371	417	396	5.86	cps
Calcium	43-1	1436505	1559255	1485046	1493602	4.14	cps
Calcium	44-1	23486382	24058329	23896039	23813584	1.24	cps
Carbon	12-1	7207207	7930198	8312932	7816779	7.18	cps
Carbon	12-2	94882	94538	94755	94725	0.18	cps
Chlorine	35-1	1833776	2064450	2141232	2013153	7.95	cps
Chlorine	35-2	14166	14841	15575	14861	4.74	cps
Chromium	52-2	2020	1790	1853	1888	6.29	cps
Cobalt	59-2	1350	1223	1337	1303	5.34	cps
Copper	63-2	15812	15071	15412	15432	2.40	cps
Dysprosium	156-1	342	292	275	303	11.46	cps
Dysprosium	156-2	150	127	123	133	10.89	cps
Erbium	164-1	383	317	358	353	9.55	cps
Erbium	164-2	137	157	187	160	15.73	cps
Gadolinium	160-1	292	342	317	317	7.89	cps
Gadolinium	160-2	193	223	183	200	10.41	cps
Holmium	165-1	8765480	9115461	9021513	8967485	2.02	cps
Holmium	165-2	3948048	3871963	4034310	3951440	2.06	cps
Indium	115-1	7611100	7386395	7618925	7538807	1.75	cps
Indium	115-2	1041099	1040990	1063686	1048592	1.25	cps
Iron	54-2	52285	53383	51861	52510	1.50	cps
Iron	56-2	982781	953846	967142	967923	1.50	cps
Iron	57-2	26358	25712	26503	26191	1.61	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-09	Instrumnet Name :	P8
Client Sample ID :	MH1E08	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:16:44	DataFile Name :	089AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1000	1087	1027	1038	4.28	cps
Lead	206-1	106613	106971	105022	106202	0.98	cps
Lead	207-1	90727	92322	91997	91682	0.92	cps
Lead	208-1	418510	426994	426963	424156	1.15	cps
Lithium	6-1	2654991	2921764	2876837	2817864	5.07	cps
Magnesium	24-2	1446370	1516916	1484810	1482698	2.38	cps
Manganese	55-2	130267	125565	125301	127044	2.20	cps
Molybdenum	94-1	4292	4618	4484	4465	3.66	cps
Molybdenum	95-1	5284	5360	5593	5412	2.97	cps
Molybdenum	96-1	6243	5468	5985	5899	6.69	cps
Molybdenum	97-1	3175	3267	3275	3239	1.71	cps
Molybdenum	98-1	8219	8028	8169	8139	1.22	cps
Neodymium	150-1	647	633	667	649	2.59	cps
Neodymium	150-2	190	183	227	200	11.67	cps
Nickel	60-2	1503	1497	1620	1540	4.50	cps
Phosphorus	31-2	317	217	308	281	19.78	cps
Potassium	39-2	210960	203584	212614	209053	2.30	cps
Rhodium	103-1	7237613	7222928	7293222	7251254	0.51	cps
Rhodium	103-2	3241712	3264623	3268124	3258153	0.44	cps
Scandium	45-1	5583261	5852811	5802511	5746194	2.49	cps
Scandium	45-2	170349	169561	171215	170375	0.49	cps
Selenium	82-1	253	150	232	212	25.67	cps
Selenium	77-2	0	10	13	8	89.21	cps
Selenium	78-2	40	58	59	52	20.44	cps
Silicon	28-1	31277751	32754702	31786368	31939607	2.35	cps
Silver	107-1	1725	2134	1909	1922	10.64	cps
Silver	109-1	1850	1892	1775	1839	3.22	cps
Sodium	23-2	18048232	17981330	17492912	17840825	1.70	cps
Strontium	86-1	384027	398543	397055	393208	2.03	cps
Strontium	88-1	3296162	3405454	3458538	3386718	2.44	cps
Sulfur	34-1	1321543	1333127	1296581	1317084	1.42	cps
Terbium	159-1	9463878	9205092	9407160	9358710	1.45	cps
Terbium	159-2	3897273	3853859	3910047	3887059	0.76	cps
Thallium	203-1	742	808	850	800	6.83	cps
Thallium	205-1	1959	1859	1959	1925	3.00	cps
Tin	118-1	7978	8486	7819	8094	4.31	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-09	Instrumnet Name :	P8
Client Sample ID :	MH1E08	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:16:44	DataFile Name :	089AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	9387	9628	9937	9651	2.86	cps
Uranium	238-1	18347	19841	19924	19371	4.58	cps
Vanadium	51-2	1453	1547	1510	1503	3.13	cps
Ytterbium	172-1	125	108	133	122	10.41	cps
Ytterbium	172-2	44	61	50	52	16.36	cps
Ytterbium	176-1	858	925	983	922	6.78	cps
Ytterbium	176-2	5562	5701	6140	5801	5.20	cps
Yttrium	89-1	14262507	14317407	14748450	14442788	1.84	cps
Yttrium	89-2	1361489	1353653	1409416	1374853	2.20	cps
Zinc	66-2	194513	190050	193707	192757	1.23	cps
Zirconium	90-1	3692	4923	3967	4194	15.40	cps
Zirconium	91-1	992	792	867	883	11.44	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-10	Instrumnet Name :	P8
Client Sample ID :	MH1E10	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:19:43	DataFile Name :	090AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	373819	371973	371201	372331	0.36	cps
Antimony	121-1	146718	153151	150600	150156	2.16	cps
Arsenic	75-2	20403	20578	20682	20554	0.69	cps
Barium	135-1	207456	209981	210432	209290	0.77	cps
Barium	137-1	482756	494075	493718	490183	1.31	cps
Beryllium	9-1	824	848	920	864	5.78	cps
Bismuth	209-1	5247787	5159210	5341112	5249370	1.73	cps
Bismuth	209-2	2725494	2724050	2905991	2785178	3.76	cps
Boron	10-1	6592	6838	7062	6831	3.44	cps
Boron	11-1	31171	34089	34961	33407	5.94	cps
Bromine	81-1	34458	36013	36937	35803	3.50	cps
Cadmium	111-1	110596	114628	116887	114037	2.79	cps
Cadmium	106-1	14091	13924	14608	14208	2.51	cps
Cadmium	108-1	7873	8194	8382	8150	3.16	cps
Calcium	43-1	2246779	2376961	2235745	2286495	3.43	cps
Calcium	44-1	35617710	36510837	36166417	36098322	1.25	cps
Carbon	12-1	12721507	13454463	14045890	13407287	4.95	cps
Carbon	12-2	159579	160651	158877	159702	0.56	cps
Chlorine	35-1	2322092	2576836	2702027	2533652	7.64	cps
Chlorine	35-2	17695	19155	19756	18868	5.62	cps
Chromium	52-2	26318	26531	26822	26557	0.95	cps
Cobalt	59-2	23877	24044	24561	24161	1.48	cps
Copper	63-2	356044	351316	348640	352000	1.07	cps
Dysprosium	156-1	7402	7010	7411	7274	3.14	cps
Dysprosium	156-2	2930	3107	3204	3080	4.50	cps
Erbium	164-1	5660	6210	6260	6043	5.51	cps
Erbium	164-2	2394	2460	2584	2479	3.89	cps
Gadolinium	160-1	7110	6635	7010	6919	3.62	cps
Gadolinium	160-2	3197	3324	3407	3309	3.20	cps
Holmium	165-1	8985066	9009630	9463543	9152746	2.94	cps
Holmium	165-2	3910366	4034975	4138453	4027931	2.84	cps
Indium	115-1	7587207	8018835	7891852	7832631	2.83	cps
Indium	115-2	1029481	1051661	1096497	1059213	3.22	cps
Iron	54-2	1488106	1452016	1457841	1465987	1.32	cps
Iron	56-2	27178651	25735755	26052324	26322243	2.88	cps
Iron	57-2	646444	652240	637487	645390	1.15	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-10	Instrumnet Name :	P8
Client Sample ID :	MH1E10	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:19:43	DataFile Name :	090AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1087	1037	1050	1058	2.45	cps
Lead	206-1	4324468	4343087	4250705	4306087	1.13	cps
Lead	207-1	3744011	3897305	3673887	3771734	3.03	cps
Lead	208-1	17225302	17555490	17064545	17281779	1.45	cps
Lithium	6-1	2808874	2740420	2916401	2821898	3.14	cps
Magnesium	24-2	2973083	2952738	2974979	2966933	0.42	cps
Manganese	55-2	2490058	2402937	2375991	2422995	2.46	cps
Molybdenum	94-1	12181	11664	10996	11614	5.11	cps
Molybdenum	95-1	6568	6744	6718	6677	1.42	cps
Molybdenum	96-1	8828	9045	9253	9042	2.35	cps
Molybdenum	97-1	4176	4042	4334	4184	3.49	cps
Molybdenum	98-1	10921	10254	10479	10552	3.22	cps
Neodymium	150-1	11685	11819	12479	11994	3.54	cps
Neodymium	150-2	3687	3764	3711	3721	1.06	cps
Nickel	60-2	10094	10187	10167	10149	0.48	cps
Phosphorus	31-2	5334	5118	5484	5312	3.47	cps
Potassium	39-2	466010	482716	466653	471793	2.01	cps
Rhodium	103-1	7316088	7237989	7504909	7352996	1.87	cps
Rhodium	103-2	3135645	3197797	3251461	3194968	1.81	cps
Scandium	45-1	5739074	6036371	5847450	5874298	2.56	cps
Scandium	45-2	167772	172328	178021	172707	2.97	cps
Selenium	82-1	408	451	462	440	6.49	cps
Selenium	77-2	60	20	20	33	69.28	cps
Selenium	78-2	87	84	83	85	2.46	cps
Silicon	28-1	95428527	97689679	100027277	97715161	2.35	cps
Silver	107-1	62492	66930	65499	64973	3.49	cps
Silver	109-1	61446	63264	61915	62208	1.52	cps
Sodium	23-2	21181177	20537642	20363658	20694159	2.08	cps
Strontium	86-1	810313	812191	837232	819912	1.83	cps
Strontium	88-1	6725036	7094588	7026565	6948730	2.83	cps
Sulfur	34-1	1580807	1665625	1575755	1607396	3.14	cps
Terbium	159-1	9270568	9816573	9641704	9576282	2.91	cps
Terbium	159-2	3733382	3972986	4015907	3907425	3.90	cps
Thallium	203-1	8753	8703	9362	8939	4.10	cps
Thallium	205-1	21685	21769	21627	21694	0.33	cps
Tin	118-1	8603	9128	8086	8606	6.06	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-10	Instrumnet Name :	P8
Client Sample ID :	MH1E10	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:19:43	DataFile Name :	090AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	165183	169415	171588	168729	1.93	cps
Uranium	238-1	26787	27105	27739	27210	1.78	cps
Vanadium	51-2	25600	25500	26164	25754	1.39	cps
Ytterbium	172-1	2084	1742	2300	2042	13.79	cps
Ytterbium	172-2	1011	878	950	946	7.05	cps
Ytterbium	176-1	2059	2159	2125	2114	2.41	cps
Ytterbium	176-2	6079	6641	7330	6683	9.37	cps
Yttrium	89-1	14299677	15202174	14647104	14716319	3.09	cps
Yttrium	89-2	1354936	1393386	1456268	1401530	3.65	cps
Zinc	66-2	2199788	2166612	2177078	2181160	0.78	cps
Zirconium	90-1	22204	21116	21993	21771	2.65	cps
Zirconium	91-1	4876	5018	5034	4976	1.75	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-11	Instrumnet Name :	P8
Client Sample ID :	MH1E12	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:25:54	DataFile Name :	092AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3873	3736	3714	3774	2.28	cps
Antimony	121-1	32039	32122	32331	32164	0.47	cps
Arsenic	75-2	768	736	737	747	2.44	cps
Barium	135-1	53616	54585	54979	54393	1.29	cps
Barium	137-1	127372	128893	128540	128268	0.62	cps
Beryllium	9-1	144	108	162	138	19.92	cps
Bismuth	209-1	5158604	5276869	5145314	5193596	1.39	cps
Bismuth	209-2	2781080	2611108	2689347	2693845	3.16	cps
Boron	10-1	4128	4500	4296	4308	4.32	cps
Boron	11-1	20592	21850	22030	21491	3.64	cps
Bromine	81-1	26753	27746	29271	27923	4.54	cps
Cadmium	111-1	2047	1950	2050	2016	2.82	cps
Cadmium	106-1	3751	3592	3584	3642	2.58	cps
Cadmium	108-1	158	192	175	175	9.52	cps
Calcium	43-1	1825658	1858912	1868004	1850858	1.20	cps
Calcium	44-1	30390456	29785510	30472912	30216293	1.24	cps
Carbon	12-1	6732572	7435674	7647849	7272031	6.59	cps
Carbon	12-2	92182	90513	91787	91494	0.95	cps
Chlorine	35-1	2027470	2260933	2462022	2250141	9.67	cps
Chlorine	35-2	17077	18512	17995	17861	4.07	cps
Chromium	52-2	1017	1027	1097	1047	4.16	cps
Cobalt	59-2	560	480	507	516	7.90	cps
Copper	63-2	12492	12532	12169	12398	1.61	cps
Dysprosium	156-1	133	125	125	128	3.77	cps
Dysprosium	156-2	57	63	33	51	30.82	cps
Erbium	164-1	150	142	158	150	5.56	cps
Erbium	164-2	47	60	70	59	19.88	cps
Gadolinium	160-1	75	200	133	136	45.95	cps
Gadolinium	160-2	70	133	117	107	30.78	cps
Holmium	165-1	9226575	9212412	8757106	9065364	2.95	cps
Holmium	165-2	4015488	3885540	3897676	3932901	1.83	cps
Indium	115-1	7720210	7713847	7566019	7666692	1.14	cps
Indium	115-2	1056375	1043584	1031489	1043816	1.19	cps
Iron	54-2	13762	14096	13812	13890	1.30	cps
Iron	56-2	250938	246641	249905	249162	0.90	cps
Iron	57-2	8503	9426	8597	8842	5.74	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-11	Instrumnet Name :	P8
Client Sample ID :	MH1E12	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:25:54	DataFile Name :	092AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1147	1140	1173	1153	1.53	cps
Lead	206-1	244724	253837	258199	252253	2.73	cps
Lead	207-1	221728	224068	227947	224581	1.40	cps
Lead	208-1	1007628	1031318	1050403	1029783	2.08	cps
Lithium	6-1	2768747	2813631	2701388	2761256	2.05	cps
Magnesium	24-2	2489732	2495053	2452567	2479117	0.93	cps
Manganese	55-2	117478	119110	118370	118319	0.69	cps
Molybdenum	94-1	2909	2717	2884	2837	3.68	cps
Molybdenum	95-1	4376	4042	4217	4212	3.96	cps
Molybdenum	96-1	4234	4543	4434	4404	3.55	cps
Molybdenum	97-1	2209	2425	2309	2314	4.69	cps
Molybdenum	98-1	6193	6660	5660	6171	8.11	cps
Neodymium	150-1	187	240	247	224	14.65	cps
Neodymium	150-2	57	73	77	69	15.55	cps
Nickel	60-2	1037	953	1077	1022	6.16	cps
Phosphorus	31-2	167	133	117	139	18.33	cps
Potassium	39-2	197283	191901	195939	195041	1.44	cps
Rhodium	103-1	7178084	7231964	7205589	7205213	0.37	cps
Rhodium	103-2	3265743	3215895	3109881	3197173	2.49	cps
Scandium	45-1	5943770	5744267	5784631	5824222	1.81	cps
Scandium	45-2	171799	170039	169368	170402	0.74	cps
Selenium	82-1	41	88	103	77	42.03	cps
Selenium	77-2	10	3	10	8	49.52	cps
Selenium	78-2	57	43	47	49	14.73	cps
Silicon	28-1	24884390	25701585	25911281	25499085	2.13	cps
Silver	107-1	1792	1600	1775	1722	6.17	cps
Silver	109-1	1642	1450	1575	1556	6.26	cps
Sodium	23-2	19988469	20235452	19879413	20034445	0.91	cps
Strontium	86-1	749556	745742	749918	748405	0.31	cps
Strontium	88-1	6260934	6325144	6496642	6360907	1.92	cps
Sulfur	34-1	1478337	1470433	1535898	1494889	2.39	cps
Terbium	159-1	9606907	9284857	9396262	9429342	1.73	cps
Terbium	159-2	3962456	3876141	3864973	3901190	1.37	cps
Thallium	203-1	625	717	625	656	8.07	cps
Thallium	205-1	1592	1642	1600	1611	1.66	cps
Tin	118-1	7969	7527	8069	7855	3.67	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-11	Instrumnet Name :	P8
Client Sample ID :	MH1E12	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:25:54	DataFile Name :	092AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2484	2667	2650	2600	3.90	cps
Uranium	238-1	18756	18506	18264	18508	1.33	cps
Vanadium	51-2	663	623	647	644	3.12	cps
Ytterbium	172-1	92	75	50	72	29.04	cps
Ytterbium	172-2	39	28	28	31	20.37	cps
Ytterbium	176-1	1000	975	933	970	3.48	cps
Ytterbium	176-2	5685	5940	5746	5790	2.31	cps
Yttrium	89-1	14222804	14550461	14665064	14479443	1.59	cps
Yttrium	89-2	1425862	1351906	1374716	1384161	2.74	cps
Zinc	66-2	108167	108527	108000	108231	0.25	cps
Zirconium	90-1	1483	1492	1492	1489	0.32	cps
Zirconium	91-1	458	350	342	383	16.98	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-12	Instrumnet Name :	P8
Client Sample ID :	MH1E14	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:28:50	DataFile Name :	093AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10085	10013	9987	10028	0.50	cps
Antimony	121-1	23905	25625	23846	24459	4.13	cps
Arsenic	75-2	693	663	640	665	3.99	cps
Barium	135-1	57690	60310	59607	59202	2.29	cps
Barium	137-1	136658	143789	138152	139533	2.70	cps
Beryllium	9-1	150	142	142	145	3.19	cps
Bismuth	209-1	5011727	5003655	5261487	5092290	2.88	cps
Bismuth	209-2	2559707	2763339	2743313	2688786	4.17	cps
Boron	10-1	4414	4850	4726	4663	4.82	cps
Boron	11-1	21574	22895	23807	22759	4.93	cps
Bromine	81-1	27455	28789	30725	28990	5.67	cps
Cadmium	111-1	2205	2512	2422	2379	6.65	cps
Cadmium	106-1	3317	3434	3459	3403	2.22	cps
Cadmium	108-1	213	221	179	204	10.80	cps
Calcium	43-1	1919555	1961622	2031442	1970873	2.87	cps
Calcium	44-1	30702737	31041136	31327215	31023696	1.01	cps
Carbon	12-1	7049687	7742483	7993092	7595087	6.43	cps
Carbon	12-2	93339	94446	94429	94072	0.67	cps
Chlorine	35-1	2801847	3051947	3251984	3035259	7.43	cps
Chlorine	35-2	20832	22034	21183	21350	2.89	cps
Chromium	52-2	1430	1477	1490	1466	2.15	cps
Cobalt	59-2	690	760	730	727	4.83	cps
Copper	63-2	8086	8002	8199	8096	1.22	cps
Dysprosium	156-1	217	292	225	244	16.82	cps
Dysprosium	156-2	63	110	73	82	29.89	cps
Erbium	164-1	258	250	192	233	15.57	cps
Erbium	164-2	103	93	97	98	5.21	cps
Gadolinium	160-1	200	192	233	208	10.59	cps
Gadolinium	160-2	123	167	130	140	16.67	cps
Holmium	165-1	8719989	8579013	8891841	8730281	1.79	cps
Holmium	165-2	3930352	3992989	3902737	3942026	1.17	cps
Indium	115-1	7519423	7306422	7782689	7536178	3.17	cps
Indium	115-2	1015975	1043370	1041762	1033702	1.49	cps
Iron	54-2	24093	23670	23497	23753	1.29	cps
Iron	56-2	436817	426557	429716	431030	1.22	cps
Iron	57-2	13195	13329	13484	13336	1.09	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-12	Instrumnet Name :	P8
Client Sample ID :	MH1E14	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:28:50	DataFile Name :	093AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1170	1073	1013	1086	7.28	cps
Lead	206-1	115338	122048	117764	118383	2.87	cps
Lead	207-1	103858	105605	105980	105148	1.08	cps
Lead	208-1	472925	483567	482256	479583	1.21	cps
Lithium	6-1	2745574	2725229	2848396	2773066	2.38	cps
Magnesium	24-2	2615872	2555952	2592678	2588167	1.17	cps
Manganese	55-2	130160	124356	125283	126600	2.46	cps
Molybdenum	94-1	2625	2892	2709	2742	4.98	cps
Molybdenum	95-1	3159	3792	3909	3620	11.15	cps
Molybdenum	96-1	4026	3834	4142	4001	3.89	cps
Molybdenum	97-1	2067	2325	2400	2264	7.73	cps
Molybdenum	98-1	6218	5776	6060	6018	3.72	cps
Neodymium	150-1	360	360	373	364	2.11	cps
Neodymium	150-2	117	133	97	116	15.89	cps
Nickel	60-2	1207	1243	1230	1227	1.51	cps
Phosphorus	31-2	175	225	183	194	13.78	cps
Potassium	39-2	200017	194050	194941	196336	1.64	cps
Rhodium	103-1	6965456	6759998	7176664	6967373	2.99	cps
Rhodium	103-2	3168743	3166345	3206216	3180435	0.70	cps
Scandium	45-1	5592510	5291170	5742485	5542055	4.15	cps
Scandium	45-2	168822	170869	172597	170762	1.11	cps
Selenium	82-1	69	136	267	157	64.23	cps
Selenium	77-2	7	3	3	4	43.40	cps
Selenium	78-2	62	48	47	52	16.03	cps
Silicon	28-1	26124123	27661868	26334568	26706853	3.12	cps
Silver	107-1	1558	1617	2025	1733	14.67	cps
Silver	109-1	1442	1675	1775	1631	10.49	cps
Sodium	23-2	20412598	20232516	20323966	20323027	0.44	cps
Strontium	86-1	808038	819410	801936	809794	1.10	cps
Strontium	88-1	6838765	6988288	6821295	6882783	1.33	cps
Sulfur	34-1	1567678	1608034	1582580	1586097	1.29	cps
Terbium	159-1	8995480	8901246	9367468	9088065	2.71	cps
Terbium	159-2	3883823	3953697	3785737	3874419	2.18	cps
Thallium	203-1	700	783	817	767	7.84	cps
Thallium	205-1	2034	2034	1850	1972	5.37	cps
Tin	118-1	8211	8403	8061	8225	2.08	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-12	Instrumnet Name :	P8
Client Sample ID :	MH1E14	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:28:50	DataFile Name :	093AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5660	5776	5576	5671	1.77	cps
Uranium	238-1	18739	19599	19165	19168	2.24	cps
Vanadium	51-2	1010	1000	947	986	3.45	cps
Ytterbium	172-1	83	75	108	89	19.52	cps
Ytterbium	172-2	39	61	39	46	27.71	cps
Ytterbium	176-1	783	900	917	867	8.38	cps
Ytterbium	176-2	5173	5701	5879	5585	6.57	cps
Yttrium	89-1	14284974	13989371	14473095	14249146	1.71	cps
Yttrium	89-2	1356648	1373166	1399851	1376555	1.58	cps
Zinc	66-2	103085	100629	98018	100577	2.52	cps
Zirconium	90-1	2275	2442	2134	2284	6.76	cps
Zirconium	91-1	325	467	617	469	31.07	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-13	Instrumnet Name :	P8
Client Sample ID :	MH1E16	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:31:49	DataFile Name :	094AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10395	10483	9653	10177	4.48	cps
Antimony	121-1	23896	24673	25357	24642	2.97	cps
Arsenic	75-2	755	766	726	749	2.76	cps
Barium	135-1	57632	58536	59188	58452	1.34	cps
Barium	137-1	132298	130734	138765	133932	3.18	cps
Beryllium	9-1	134	152	156	147	7.96	cps
Bismuth	209-1	5095886	5002736	5223063	5107228	2.17	cps
Bismuth	209-2	2723918	2831166	3422429	2992505	12.57	cps
Boron	10-1	4578	4664	4816	4686	2.57	cps
Boron	11-1	21287	21782	24171	22413	6.88	cps
Bromine	81-1	25951	27466	28800	27405	5.20	cps
Cadmium	111-1	2366	2178	2509	2351	7.06	cps
Cadmium	106-1	3917	3534	3359	3603	7.93	cps
Cadmium	108-1	171	171	196	179	8.06	cps
Calcium	43-1	1886985	1868102	1984039	1913042	3.25	cps
Calcium	44-1	30450926	29829213	31203848	30494663	2.26	cps
Carbon	12-1	6948781	7273525	7920152	7380819	6.70	cps
Carbon	12-2	89860	89894	92124	90626	1.43	cps
Chlorine	35-1	2868868	3055821	3233679	3052789	5.98	cps
Chlorine	35-2	21475	23102	22568	22382	3.71	cps
Chromium	52-2	1167	1240	1223	1210	3.18	cps
Cobalt	59-2	740	840	693	758	9.89	cps
Copper	63-2	9410	9447	9226	9361	1.26	cps
Dysprosium	156-1	200	233	175	203	14.43	cps
Dysprosium	156-2	87	90	107	94	11.35	cps
Erbium	164-1	200	208	233	214	8.11	cps
Erbium	164-2	87	97	113	99	13.62	cps
Gadolinium	160-1	258	175	167	200	25.34	cps
Gadolinium	160-2	183	150	193	176	12.93	cps
Holmium	165-1	8568468	8509718	8906258	8661481	2.47	cps
Holmium	165-2	3959223	4213226	5062292	4411580	13.09	cps
Indium	115-1	7644448	7384630	7573508	7534195	1.78	cps
Indium	115-2	1058496	1093798	1332238	1161511	12.82	cps
Iron	54-2	24577	25345	23659	24527	3.44	cps
Iron	56-2	455661	438611	452063	448778	2.00	cps
Iron	57-2	13963	13857	13518	13779	1.69	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-13	Instrumnet Name :	P8
Client Sample ID :	MH1E16	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:31:49	DataFile Name :	094AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1047	1057	1030	1044	1.29	cps
Lead	206-1	138281	136216	142194	138897	2.19	cps
Lead	207-1	119968	121293	123935	121732	1.66	cps
Lead	208-1	549482	553956	568371	557270	1.77	cps
Lithium	6-1	2765648	2805567	2932959	2834724	3.08	cps
Magnesium	24-2	2594209	2728671	2549401	2624094	3.56	cps
Manganese	55-2	120386	124132	114641	119720	3.99	cps
Molybdenum	94-1	2842	2692	2917	2817	4.07	cps
Molybdenum	95-1	3726	3275	3426	3476	6.59	cps
Molybdenum	96-1	3801	4142	3784	3909	5.18	cps
Molybdenum	97-1	2159	2209	2234	2200	1.74	cps
Molybdenum	98-1	5476	5560	5735	5590	2.36	cps
Neodymium	150-1	320	293	300	304	4.56	cps
Neodymium	150-2	117	97	80	98	18.78	cps
Nickel	60-2	1140	1160	1153	1151	0.88	cps
Phosphorus	31-2	208	167	267	214	23.49	cps
Potassium	39-2	197652	200363	194722	197579	1.43	cps
Rhodium	103-1	6963419	6980518	7125162	7023033	1.27	cps
Rhodium	103-2	3240907	3337662	4015896	3531488	11.96	cps
Scandium	45-1	5693784	5742456	5907785	5781342	1.94	cps
Scandium	45-2	174999	174635	215133	188256	12.36	cps
Selenium	82-1	179	181	185	182	1.53	cps
Selenium	77-2	3	10	0	4	114.60	cps
Selenium	78-2	40	43	48	44	9.27	cps
Silicon	28-1	25104552	25183641	25975031	25421075	1.89	cps
Silver	107-1	1784	1625	1750	1720	4.85	cps
Silver	109-1	1892	1792	2017	1900	5.93	cps
Sodium	23-2	20301273	20722062	19904412	20309249	2.01	cps
Strontium	86-1	780328	779408	786825	782187	0.52	cps
Strontium	88-1	6625178	6614693	6775819	6671897	1.35	cps
Sulfur	34-1	1494451	1524591	1532017	1517020	1.31	cps
Terbium	159-1	9318710	9270278	9257567	9282185	0.35	cps
Terbium	159-2	3899608	4019465	4935306	4284793	13.22	cps
Thallium	203-1	675	783	767	742	7.86	cps
Thallium	205-1	1892	2017	1817	1909	5.29	cps
Tin	118-1	9062	9545	9303	9304	2.60	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-13	Instrumnet Name :	P8
Client Sample ID :	MH1E16	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:31:49	DataFile Name :	094AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5593	5443	5459	5498	1.50	cps
Uranium	238-1	18447	18197	18915	18520	1.97	cps
Vanadium	51-2	957	980	1040	992	4.33	cps
Ytterbium	172-1	67	100	100	89	21.65	cps
Ytterbium	172-2	22	17	33	24	35.24	cps
Ytterbium	176-1	1025	983	842	950	10.12	cps
Ytterbium	176-2	5801	6296	7502	6533	13.39	cps
Yttrium	89-1	14060374	14312226	14604654	14325751	1.90	cps
Yttrium	89-2	1378267	1440686	1755263	1524739	13.25	cps
Zinc	66-2	100591	100015	96040	98882	2.51	cps
Zirconium	90-1	2184	2567	2409	2386	8.07	cps
Zirconium	91-1	492	650	567	569	13.91	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-14	Instrumnet Name :	P8
Client Sample ID :	MH1E18	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:34:44	DataFile Name :	095AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1645	1629	1671	1648	1.30	cps
Antimony	121-1	23638	23479	23229	23448	0.88	cps
Arsenic	75-2	550	538	521	536	2.72	cps
Barium	135-1	57347	56318	56335	56666	1.04	cps
Barium	137-1	133607	134080	131999	133228	0.82	cps
Beryllium	9-1	122	128	136	129	5.46	cps
Bismuth	209-1	5141210	5182332	5091234	5138259	0.89	cps
Bismuth	209-2	2792966	2664226	2750507	2735900	2.40	cps
Boron	10-1	4846	5014	4988	4949	1.83	cps
Boron	11-1	21960	23154	23520	22878	3.57	cps
Bromine	81-1	25750	27556	30043	27783	7.76	cps
Cadmium	111-1	1595	1684	1462	1580	7.07	cps
Cadmium	106-1	3517	3442	3292	3417	3.35	cps
Cadmium	108-1	150	100	175	142	26.96	cps
Calcium	43-1	1926287	1963201	1946999	1945496	0.95	cps
Calcium	44-1	31269226	30283095	30926894	30826405	1.62	cps
Carbon	12-1	7234530	7737212	7903371	7625038	4.57	cps
Carbon	12-2	93222	93053	95132	93803	1.23	cps
Chlorine	35-1	3091877	3202677	3434870	3243141	5.40	cps
Chlorine	35-2	23737	22885	23611	23411	1.96	cps
Chromium	52-2	857	827	837	840	1.82	cps
Cobalt	59-2	593	527	553	558	6.02	cps
Copper	63-2	2907	3064	2907	2959	3.06	cps
Dysprosium	156-1	92	25	25	47	81.51	cps
Dysprosium	156-2	30	13	20	21	39.75	cps
Erbium	164-1	92	92	58	81	23.89	cps
Erbium	164-2	37	50	60	49	23.94	cps
Gadolinium	160-1	125	100	92	106	16.43	cps
Gadolinium	160-2	77	103	113	98	19.38	cps
Holmium	165-1	8869702	9115552	8819545	8934933	1.77	cps
Holmium	165-2	3997108	3861693	4014361	3957721	2.11	cps
Indium	115-1	7568644	7663439	7716801	7649628	0.98	cps
Indium	115-2	1045055	1030982	1036361	1037466	0.68	cps
Iron	54-2	13723	13946	14241	13970	1.86	cps
Iron	56-2	254245	253270	247741	251752	1.39	cps
Iron	57-2	9281	8953	8903	9046	2.27	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-14	Instrumnet Name :	P8
Client Sample ID :	MH1E18	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:34:44	DataFile Name :	095AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1027	1083	1127	1079	4.65	cps
Lead	206-1	40229	40792	40374	40465	0.72	cps
Lead	207-1	35660	35972	36012	35881	0.54	cps
Lead	208-1	165235	165881	163315	164810	0.81	cps
Lithium	6-1	2872434	2914220	2891027	2892561	0.72	cps
Magnesium	24-2	2639331	2617542	2605342	2620738	0.66	cps
Manganese	55-2	157776	150938	151116	153277	2.54	cps
Molybdenum	94-1	2392	2534	2950	2625	11.06	cps
Molybdenum	95-1	3909	3917	4034	3953	1.77	cps
Molybdenum	96-1	4234	4626	4334	4398	4.63	cps
Molybdenum	97-1	2417	2400	2650	2489	5.62	cps
Molybdenum	98-1	6193	6493	6627	6438	3.45	cps
Neodymium	150-1	87	53	40	60	40.07	cps
Neodymium	150-2	17	13	23	18	28.64	cps
Nickel	60-2	933	837	907	892	5.60	cps
Phosphorus	31-2	142	208	217	189	21.76	cps
Potassium	39-2	200890	193532	188397	194273	3.23	cps
Rhodium	103-1	7269979	7217964	7146181	7211374	0.86	cps
Rhodium	103-2	3260510	3219553	3161479	3213848	1.55	cps
Scandium	45-1	5724127	5555191	5754063	5677794	1.89	cps
Scandium	45-2	171712	169786	169800	170433	0.65	cps
Selenium	82-1	184	190	110	161	27.62	cps
Selenium	77-2	10	23	3	12	83.33	cps
Selenium	78-2	43	57	55	52	14.66	cps
Silicon	28-1	24587945	24806070	24510025	24634680	0.62	cps
Silver	107-1	442	475	467	461	3.76	cps
Silver	109-1	458	475	475	469	2.05	cps
Sodium	23-2	21204394	21278488	20585013	21022632	1.81	cps
Strontium	86-1	775974	794527	805804	792102	1.90	cps
Strontium	88-1	6789707	6714748	6836891	6780449	0.91	cps
Sulfur	34-1	1521963	1574288	1568859	1555037	1.85	cps
Terbium	159-1	9192381	9280740	9303261	9258794	0.63	cps
Terbium	159-2	3874298	3812307	3756248	3814284	1.55	cps
Thallium	203-1	925	625	683	744	21.37	cps
Thallium	205-1	1542	1700	1658	1633	5.02	cps
Tin	118-1	9279	9028	11256	9854	12.38	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-14	Instrumnet Name :	P8
Client Sample ID :	MH1E18	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:34:44	DataFile Name :	095AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1342	1458	1467	1422	4.91	cps
Uranium	238-1	18848	19198	19749	19265	2.36	cps
Vanadium	51-2	580	540	517	546	5.87	cps
Ytterbium	172-1	67	33	83	61	41.67	cps
Ytterbium	172-2	22	6	6	11	86.55	cps
Ytterbium	176-1	892	792	942	875	8.73	cps
Ytterbium	176-2	5251	5979	5757	5662	6.59	cps
Yttrium	89-1	14392093	14470348	14427552	14429998	0.27	cps
Yttrium	89-2	1396490	1353149	1352017	1367219	1.85	cps
Zinc	66-2	73654	72860	71976	72830	1.15	cps
Zirconium	90-1	1417	1267	2102	1595	27.90	cps
Zirconium	91-1	392	250	292	311	23.40	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-15	Instrumnet Name :	P8
Client Sample ID :	MH1E20	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:37:43	DataFile Name :	096AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2854	2896	2877	2876	0.74	cps
Antimony	121-1	26142	26919	29282	27448	5.96	cps
Arsenic	75-2	1287	1182	1242	1237	4.26	cps
Barium	135-1	68859	71380	72411	70883	2.58	cps
Barium	137-1	163355	166406	168363	166042	1.52	cps
Beryllium	9-1	134	158	114	135	16.28	cps
Bismuth	209-1	4872002	4884609	5033187	4929933	1.82	cps
Bismuth	209-2	2708660	2605096	2601647	2638468	2.30	cps
Boron	10-1	4276	4656	4890	4607	6.73	cps
Boron	11-1	20773	22090	23356	22073	5.85	cps
Bromine	81-1	27636	27977	29612	28408	3.72	cps
Cadmium	111-1	1485	1262	1576	1441	11.21	cps
Cadmium	106-1	3434	3092	3367	3298	5.49	cps
Cadmium	108-1	92	88	129	103	22.33	cps
Calcium	43-1	2023313	2037754	1994849	2018639	1.08	cps
Calcium	44-1	30666707	31898020	31491324	31352017	2.00	cps
Carbon	12-1	7483374	7687438	8301609	7824140	5.44	cps
Carbon	12-2	93757	93390	92972	93373	0.42	cps
Chlorine	35-1	3147444	3417400	3531406	3365417	5.86	cps
Chlorine	35-2	23169	24279	25406	24285	4.61	cps
Chromium	52-2	873	830	810	838	3.86	cps
Cobalt	59-2	740	767	740	749	2.06	cps
Copper	63-2	4471	4607	4364	4481	2.72	cps
Dysprosium	156-1	67	67	25	53	45.58	cps
Dysprosium	156-2	40	43	27	37	24.04	cps
Erbium	164-1	67	83	125	92	32.77	cps
Erbium	164-2	47	30	33	37	24.06	cps
Gadolinium	160-1	67	117	83	89	28.64	cps
Gadolinium	160-2	93	77	133	101	28.81	cps
Holmium	165-1	8262024	8591005	8799901	8550977	3.17	cps
Holmium	165-2	3763701	3829903	3689057	3760887	1.87	cps
Indium	115-1	7199957	7249518	7399610	7283028	1.43	cps
Indium	115-2	1025958	1003221	999902	1009694	1.40	cps
Iron	54-2	37655	37934	37939	37843	0.43	cps
Iron	56-2	699933	675577	672749	682753	2.19	cps
Iron	57-2	20187	19575	20443	20068	2.22	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-15	Instrumnet Name :	P8
Client Sample ID :	MH1E20	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:37:43	DataFile Name :	096AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	997	1080	1220	1099	10.27	cps
Lead	206-1	78218	78013	80913	79048	2.05	cps
Lead	207-1	68659	69704	69324	69229	0.76	cps
Lead	208-1	315391	315829	323492	318237	1.43	cps
Lithium	6-1	2746743	2763749	2776728	2762407	0.54	cps
Magnesium	24-2	2931350	2877618	2772287	2860418	2.83	cps
Manganese	55-2	321202	318365	316612	318727	0.73	cps
Molybdenum	94-1	2234	2250	2817	2434	13.65	cps
Molybdenum	95-1	3334	3467	3851	3551	7.56	cps
Molybdenum	96-1	3392	3867	3484	3581	7.04	cps
Molybdenum	97-1	2167	2175	2034	2125	3.74	cps
Molybdenum	98-1	5401	5460	6001	5621	5.89	cps
Neodymium	150-1	80	53	73	69	20.15	cps
Neodymium	150-2	23	40	43	36	30.14	cps
Nickel	60-2	690	767	693	717	6.05	cps
Phosphorus	31-2	200	267	200	222	17.32	cps
Potassium	39-2	200882	197112	194576	197523	1.61	cps
Rhodium	103-1	6589611	6850763	7027688	6822687	3.23	cps
Rhodium	103-2	3170300	3091783	3103457	3121847	1.36	cps
Scandium	45-1	5221390	5488695	5581296	5430460	3.44	cps
Scandium	45-2	167598	168800	165050	167150	1.15	cps
Selenium	82-1	225	110	13	116	91.21	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	54	57	44	52	13.18	cps
Silicon	28-1	23686668	24033413	24216606	23978896	1.12	cps
Silver	107-1	858	750	883	831	8.53	cps
Silver	109-1	683	792	525	667	20.12	cps
Sodium	23-2	22187528	21554881	21126567	21622992	2.47	cps
Strontium	86-1	878535	891204	893521	887754	0.91	cps
Strontium	88-1	7177766	7531886	7508384	7406012	2.67	cps
Sulfur	34-1	1546552	1608431	1613198	1589394	2.34	cps
Terbium	159-1	8647972	8716295	9013468	8792578	2.21	cps
Terbium	159-2	3764387	3748437	3630771	3714531	1.96	cps
Thallium	203-1	542	592	633	589	7.79	cps
Thallium	205-1	1525	1608	1400	1511	6.94	cps
Tin	118-1	7986	8604	8244	8278	3.75	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-15	Instrumnet Name :	P8
Client Sample ID :	MH1E20	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:37:43	DataFile Name :	096AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1975	1909	1900	1928	2.13	cps
Uranium	238-1	17187	17913	18439	17846	3.52	cps
Vanadium	51-2	673	560	587	607	9.77	cps
Ytterbium	172-1	75	58	33	56	37.75	cps
Ytterbium	172-2	33	11	56	33	66.68	cps
Ytterbium	176-1	942	783	858	861	9.20	cps
Ytterbium	176-2	5490	5635	5924	5683	3.88	cps
Yttrium	89-1	13716104	14150569	14076557	13981077	1.66	cps
Yttrium	89-2	1346229	1338393	1317850	1334157	1.10	cps
Zinc	66-2	49904	48285	49382	49191	1.68	cps
Zirconium	90-1	1333	1267	1175	1258	6.32	cps
Zirconium	91-1	283	250	325	286	13.13	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-16	Instrumnet Name :	P8
Client Sample ID :	MH1E22	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:40:40	DataFile Name :	097AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11977	11534	11966	11826	2.14	cps
Antimony	121-1	10071	10921	10346	10446	4.16	cps
Arsenic	75-2	390	369	362	374	3.90	cps
Barium	135-1	70971	74480	76785	74079	3.95	cps
Barium	137-1	167743	173416	175152	172103	2.25	cps
Beryllium	9-1	138	134	114	129	9.99	cps
Bismuth	209-1	4938024	4918343	4930890	4929086	0.20	cps
Bismuth	209-2	2535890	2395456	2617377	2516241	4.46	cps
Boron	10-1	4454	5026	5244	4908	8.31	cps
Boron	11-1	22339	23719	25335	23797	6.30	cps
Bromine	81-1	29090	31096	31698	30628	4.46	cps
Cadmium	111-1	1454	1533	1467	1485	2.85	cps
Cadmium	106-1	3401	3267	3592	3420	4.78	cps
Cadmium	108-1	92	133	108	111	18.88	cps
Calcium	43-1	2325452	2465998	2418205	2403218	2.97	cps
Calcium	44-1	37052210	38807239	38176191	38011880	2.34	cps
Carbon	12-1	7305013	7715754	7854508	7625092	3.75	cps
Carbon	12-2	90555	92811	94613	92660	2.19	cps
Chlorine	35-1	3773374	4034724	4250358	4019485	5.94	cps
Chlorine	35-2	26759	28120	29230	28036	4.42	cps
Chromium	52-2	1350	1270	1267	1296	3.64	cps
Cobalt	59-2	620	577	577	591	4.23	cps
Copper	63-2	5815	5378	5738	5643	4.13	cps
Dysprosium	156-1	283	208	225	239	16.49	cps
Dysprosium	156-2	70	107	70	82	25.75	cps
Erbium	164-1	283	208	300	264	18.50	cps
Erbium	164-2	100	120	97	106	11.95	cps
Gadolinium	160-1	158	317	200	225	36.48	cps
Gadolinium	160-2	170	170	160	167	3.46	cps
Holmium	165-1	8538334	8382923	8762478	8561245	2.23	cps
Holmium	165-2	3580906	3457719	3883988	3640871	6.03	cps
Indium	115-1	7396472	7410491	7300148	7369037	0.82	cps
Indium	115-2	935497	930322	996129	953983	3.84	cps
Iron	54-2	18662	19463	20109	19412	3.73	cps
Iron	56-2	361177	344614	347956	351249	2.49	cps
Iron	57-2	11827	12139	12016	11994	1.31	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-16	Instrumnet Name :	P8
Client Sample ID :	MH1E22	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:40:40	DataFile Name :	097AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1150	1077	1040	1089	5.14	cps
Lead	206-1	67285	68050	69235	68190	1.44	cps
Lead	207-1	57924	58984	59877	58928	1.66	cps
Lead	208-1	266006	273365	276267	271880	1.95	cps
Lithium	6-1	2826465	2822312	2695253	2781343	2.68	cps
Magnesium	24-2	3678895	3737308	3937753	3784652	3.59	cps
Manganese	55-2	38993	37720	39444	38719	2.31	cps
Molybdenum	94-1	1683	1800	1725	1736	3.41	cps
Molybdenum	95-1	1508	1683	1600	1597	5.48	cps
Molybdenum	96-1	1683	1834	2084	1867	10.83	cps
Molybdenum	97-1	1025	1092	1000	1039	4.56	cps
Molybdenum	98-1	2634	2625	2734	2664	2.26	cps
Neodymium	150-1	353	407	427	396	9.58	cps
Neodymium	150-2	93	140	117	117	20.00	cps
Nickel	60-2	650	637	677	654	3.11	cps
Phosphorus	31-2	292	217	217	242	17.92	cps
Potassium	39-2	181389	177916	183967	181091	1.68	cps
Rhodium	103-1	6932166	6862162	6832346	6875558	0.75	cps
Rhodium	103-2	2902735	2833249	3036002	2923995	3.52	cps
Scandium	45-1	5591022	5484021	5433637	5502893	1.46	cps
Scandium	45-2	151828	153227	164095	156383	4.29	cps
Selenium	82-1	140	227	249	205	28.01	cps
Selenium	77-2	13	7	3	8	65.47	cps
Selenium	78-2	56	43	55	51	14.10	cps
Silicon	28-1	21894609	22306013	22075676	22092099	0.93	cps
Silver	107-1	1283	1417	1342	1347	4.96	cps
Silver	109-1	1108	1408	1417	1311	13.40	cps
Sodium	23-2	20937605	20940517	21566661	21148261	1.71	cps
Strontium	86-1	1236523	1269896	1259218	1255212	1.36	cps
Strontium	88-1	10469244	10563497	10851945	10628229	1.88	cps
Sulfur	34-1	1743231	1789933	1772067	1768411	1.33	cps
Terbium	159-1	8966976	8960231	9110241	9012483	0.94	cps
Terbium	159-2	3478231	3491224	3817490	3595648	5.35	cps
Thallium	203-1	917	775	783	825	9.64	cps
Thallium	205-1	2284	2134	2275	2231	3.78	cps
Tin	118-1	9937	9871	10096	9968	1.16	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-16	Instrumnet Name :	P8
Client Sample ID :	MH1E22	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:40:40	DataFile Name :	097AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	7060	7319	6919	7099	2.86	cps
Uranium	238-1	19824	19808	19816	19816	0.04	cps
Vanadium	51-2	1390	1133	1327	1283	10.42	cps
Ytterbium	172-1	175	100	167	147	27.92	cps
Ytterbium	172-2	39	28	33	33	16.67	cps
Ytterbium	176-1	775	975	1033	928	14.60	cps
Ytterbium	176-2	4695	5607	5646	5316	10.12	cps
Yttrium	89-1	14006378	14015391	13706137	13909302	1.27	cps
Yttrium	89-2	1243063	1218475	1319749	1260429	4.19	cps
Zinc	66-2	25931	24588	25203	25240	2.66	cps
Zirconium	90-1	2725	2359	2409	2498	7.96	cps
Zirconium	91-1	600	433	375	469	24.87	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-17	Instrumnet Name :	P8
Client Sample ID :	MH1E24	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:43:39	DataFile Name :	098AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20433	20344	20332	20370	0.27	cps
Antimony	121-1	11989	12206	13082	12425	4.66	cps
Arsenic	75-2	475	494	457	475	3.89	cps
Barium	135-1	74566	78746	78822	77378	3.15	cps
Barium	137-1	176143	181983	185944	181357	2.72	cps
Beryllium	9-1	148	186	192	175	13.61	cps
Bismuth	209-1	5243682	5172872	5300303	5238952	1.22	cps
Bismuth	209-2	2706157	2469557	2687448	2621054	5.02	cps
Boron	10-1	5038	5594	5674	5435	6.37	cps
Boron	11-1	24832	26705	27695	26411	5.50	cps
Bromine	81-1	31468	33936	35080	33495	5.51	cps
Cadmium	111-1	1693	1795	1800	1763	3.42	cps
Cadmium	106-1	3434	3551	3642	3542	2.95	cps
Cadmium	108-1	117	125	108	117	7.14	cps
Calcium	43-1	2437241	2515230	2641572	2531348	4.07	cps
Calcium	44-1	40206104	41132089	42031194	41123129	2.22	cps
Carbon	12-1	7611578	8170248	8720288	8167372	6.79	cps
Carbon	12-2	96955	99746	99757	98819	1.63	cps
Chlorine	35-1	3777812	4063110	4289865	4043596	6.35	cps
Chlorine	35-2	28053	29739	31635	29809	6.01	cps
Chromium	52-2	1983	1813	1980	1926	5.05	cps
Cobalt	59-2	1063	1163	1013	1080	7.07	cps
Copper	63-2	10124	10060	9864	10016	1.35	cps
Dysprosium	156-1	542	475	375	464	18.09	cps
Dysprosium	156-2	210	173	213	199	11.16	cps
Erbium	164-1	442	417	458	439	4.78	cps
Erbium	164-2	167	193	190	183	7.93	cps
Gadolinium	160-1	542	442	408	464	14.96	cps
Gadolinium	160-2	293	260	273	276	6.09	cps
Holmium	165-1	8939630	9270347	9030593	9080190	1.88	cps
Holmium	165-2	4008764	3670401	3845844	3841670	4.40	cps
Indium	115-1	7614156	7798580	7651270	7688002	1.27	cps
Indium	115-2	1050772	963914	1024023	1012903	4.39	cps
Iron	54-2	39839	40508	40446	40265	0.92	cps
Iron	56-2	747501	747263	745623	746795	0.14	cps
Iron	57-2	21077	22129	21672	21626	2.44	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-17	Instrumnet Name :	P8
Client Sample ID :	MH1E24	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:43:39	DataFile Name :	098AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1020	1077	1093	1063	3.62	cps
Lead	206-1	131125	133729	135443	133432	1.63	cps
Lead	207-1	114491	116965	119413	116956	2.10	cps
Lead	208-1	525463	534581	539215	533087	1.31	cps
Lithium	6-1	2878663	2912614	3101574	2964284	4.05	cps
Magnesium	24-2	4322175	4265130	4299922	4295742	0.67	cps
Manganese	55-2	70457	68939	68842	69413	1.30	cps
Molybdenum	94-1	2084	2242	2100	2142	4.06	cps
Molybdenum	95-1	1575	1583	1692	1617	4.03	cps
Molybdenum	96-1	2025	1984	2034	2014	1.33	cps
Molybdenum	97-1	925	1075	1233	1078	14.31	cps
Molybdenum	98-1	2525	2500	2775	2600	5.85	cps
Neodymium	150-1	847	907	733	829	10.62	cps
Neodymium	150-2	223	257	237	239	7.02	cps
Nickel	60-2	727	757	857	780	8.73	cps
Phosphorus	31-2	242	242	183	222	15.16	cps
Potassium	39-2	189513	195759	190104	191792	1.80	cps
Rhodium	103-1	7120627	6967869	7194738	7094411	1.63	cps
Rhodium	103-2	3238019	2898552	3107448	3081340	5.56	cps
Scandium	45-1	5991446	5903252	5697545	5864081	2.57	cps
Scandium	45-2	171180	155081	166082	164114	5.01	cps
Selenium	82-1	179	139	113	144	23.09	cps
Selenium	77-2	13	10	3	9	57.30	cps
Selenium	78-2	55	52	61	56	8.18	cps
Silicon	28-1	26527377	26861451	27893693	27094174	2.63	cps
Silver	107-1	1959	2300	2042	2100	8.48	cps
Silver	109-1	1842	1909	2025	1925	4.82	cps
Sodium	23-2	20515709	19839138	20315098	20223315	1.72	cps
Strontium	86-1	1496941	1574808	1597313	1556354	3.38	cps
Strontium	88-1	12768159	13408410	13249699	13142089	2.54	cps
Sulfur	34-1	1881117	1923888	1963399	1922801	2.14	cps
Terbium	159-1	9194285	9396661	9620434	9403793	2.27	cps
Terbium	159-2	3981581	3539947	3806395	3775974	5.89	cps
Thallium	203-1	967	1100	1058	1042	6.55	cps
Thallium	205-1	2350	2375	2534	2420	4.11	cps
Tin	118-1	7644	7519	7661	7608	1.02	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-17	Instrumnet Name :	P8
Client Sample ID :	MH1E24	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:43:39	DataFile Name :	098AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	11130	11872	12131	11711	4.44	cps
Uranium	238-1	20050	19607	19849	19835	1.12	cps
Vanadium	51-2	1833	1777	1903	1838	3.45	cps
Ytterbium	172-1	92	117	133	114	18.41	cps
Ytterbium	172-2	94	78	56	76	25.70	cps
Ytterbium	176-1	1142	992	1042	1058	7.22	cps
Ytterbium	176-2	5151	5079	5518	5249	4.48	cps
Yttrium	89-1	14452980	14440200	14687596	14526926	0.96	cps
Yttrium	89-2	1412056	1264924	1342449	1339809	5.49	cps
Zinc	66-2	31555	31926	31783	31755	0.59	cps
Zirconium	90-1	3559	3442	3634	3545	2.73	cps
Zirconium	91-1	867	717	725	770	10.96	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-18	Instrumnet Name :	P8
Client Sample ID :	MH1E26	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:46:36	DataFile Name :	099AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11533	11594	11491	11539	0.45	cps
Antimony	121-1	16027	15593	15551	15723	1.68	cps
Arsenic	75-2	490	540	509	513	4.92	cps
Barium	135-1	75520	74338	77028	75629	1.78	cps
Barium	137-1	174595	175552	179529	176559	1.48	cps
Beryllium	9-1	162	164	124	150	15.02	cps
Bismuth	209-1	5245636	5225213	5214228	5228359	0.30	cps
Bismuth	209-2	2644263	2550949	2680039	2625084	2.54	cps
Boron	10-1	4986	5356	5318	5220	3.90	cps
Boron	11-1	24558	25631	25692	25294	2.52	cps
Bromine	81-1	30445	30655	31588	30896	1.97	cps
Cadmium	111-1	1739	1870	1800	1803	3.62	cps
Cadmium	106-1	3692	3626	3492	3603	2.83	cps
Cadmium	108-1	163	150	117	143	16.56	cps
Calcium	43-1	2412827	2562214	2513317	2496119	3.05	cps
Calcium	44-1	38237494	39222384	40321952	39260610	2.66	cps
Carbon	12-1	7180779	7640260	8119409	7646816	6.14	cps
Carbon	12-2	93985	91520	94388	93298	1.66	cps
Chlorine	35-1	3928221	4346381	4444135	4239579	6.46	cps
Chlorine	35-2	29623	29038	29623	29428	1.15	cps
Chromium	52-2	1353	1403	1360	1372	1.98	cps
Cobalt	59-2	673	703	733	703	4.27	cps
Copper	63-2	8353	8573	8509	8478	1.34	cps
Dysprosium	156-1	242	250	200	231	11.62	cps
Dysprosium	156-2	87	100	73	87	15.39	cps
Erbium	164-1	300	225	292	272	15.10	cps
Erbium	164-2	113	207	83	134	47.85	cps
Gadolinium	160-1	317	300	342	319	6.57	cps
Gadolinium	160-2	157	160	123	147	13.82	cps
Holmium	165-1	8928216	8961335	8990131	8959894	0.35	cps
Holmium	165-2	3739614	3752895	3858756	3783755	1.73	cps
Indium	115-1	7706397	7895924	7679254	7760525	1.52	cps
Indium	115-2	988888	991766	1035424	1005359	2.59	cps
Iron	54-2	20916	20304	21261	20827	2.33	cps
Iron	56-2	378118	367419	382360	375966	2.05	cps
Iron	57-2	12445	12356	12461	12420	0.46	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-18	Instrumnet Name :	P8
Client Sample ID :	MH1E26	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:46:36	DataFile Name :	099AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1070	1090	1157	1106	4.10	cps
Lead	206-1	133851	133628	136131	134537	1.03	cps
Lead	207-1	115899	120098	119486	118494	1.91	cps
Lead	208-1	537257	544128	538797	540061	0.67	cps
Lithium	6-1	2797126	2914972	2974630	2895576	3.12	cps
Magnesium	24-2	3946978	3823084	3875536	3881866	1.60	cps
Manganese	55-2	64019	63879	63327	63742	0.57	cps
Molybdenum	94-1	1925	2125	1900	1984	6.22	cps
Molybdenum	95-1	1733	1992	1734	1820	8.20	cps
Molybdenum	96-1	2225	3894	2275	2798	33.92	cps
Molybdenum	97-1	967	1258	1050	1092	13.76	cps
Molybdenum	98-1	2684	3292	2684	2886	12.17	cps
Neodymium	150-1	380	413	387	393	4.48	cps
Neodymium	150-2	160	113	117	130	20.03	cps
Nickel	60-2	683	623	693	667	5.68	cps
Phosphorus	31-2	250	208	158	206	22.33	cps
Potassium	39-2	184415	178777	180290	181161	1.61	cps
Rhodium	103-1	7152993	7408839	7179111	7246981	1.94	cps
Rhodium	103-2	3062973	3044648	3195435	3101019	2.65	cps
Scandium	45-1	5916487	5749670	5741446	5802534	1.70	cps
Scandium	45-2	165576	165065	170158	166933	1.68	cps
Selenium	82-1	202	157	45	134	60.24	cps
Selenium	77-2	7	7	7	7	0.00	cps
Selenium	78-2	65	47	50	54	17.86	cps
Silicon	28-1	22674916	23496944	23186049	23119303	1.80	cps
Silver	107-1	1483	1450	1508	1481	1.98	cps
Silver	109-1	1550	1508	1458	1506	3.05	cps
Sodium	23-2	21934100	21590591	21216316	21580336	1.66	cps
Strontium	86-1	1284974	1319080	1304750	1302935	1.31	cps
Strontium	88-1	11024855	11043229	11381211	11149765	1.80	cps
Sulfur	34-1	1835882	1912938	1859320	1869380	2.11	cps
Terbium	159-1	9667270	9545692	9598113	9603692	0.63	cps
Terbium	159-2	3653910	3752160	3771485	3725852	1.69	cps
Thallium	203-1	817	808	783	803	2.16	cps
Thallium	205-1	2017	2234	2025	2092	5.87	cps
Tin	118-1	8853	8595	9663	9037	6.17	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-18	Instrumnet Name :	P8
Client Sample ID :	MH1E26	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:46:36	DataFile Name :	099AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	7127	7036	6268	6810	6.93	cps
Uranium	238-1	21118	21978	20910	21335	2.65	cps
Vanadium	51-2	1277	1340	1397	1338	4.49	cps
Ytterbium	172-1	50	100	100	83	34.64	cps
Ytterbium	172-2	39	56	39	44	21.65	cps
Ytterbium	176-1	975	858	975	936	7.20	cps
Ytterbium	176-2	5151	5551	5701	5468	5.20	cps
Yttrium	89-1	14506466	14512156	14372899	14463840	0.54	cps
Yttrium	89-2	1307148	1320589	1353445	1327061	1.79	cps
Zinc	66-2	33266	33493	35344	34034	3.35	cps
Zirconium	90-1	2709	2717	2734	2720	0.47	cps
Zirconium	91-1	417	2166	533	1039	94.15	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-19	Instrumnet Name :	P8
Client Sample ID :	MH1E28	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:49:35	DataFile Name :	100AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3779	3836	3684	3766	2.05	cps
Antimony	121-1	27036	25616	25257	25970	3.62	cps
Arsenic	75-2	669	622	615	635	4.62	cps
Barium	135-1	66195	64554	65317	65355	1.26	cps
Barium	137-1	156847	151502	151185	153178	2.08	cps
Beryllium	9-1	124	126	138	129	5.85	cps
Bismuth	209-1	5021440	5522232	5267155	5270276	4.75	cps
Bismuth	209-2	2674065	2627892	2579964	2627307	1.79	cps
Boron	10-1	5184	5342	5292	5273	1.53	cps
Boron	11-1	24059	25149	25800	25002	3.52	cps
Bromine	81-1	28689	30364	29712	29588	2.85	cps
Cadmium	111-1	1538	1509	1537	1528	1.09	cps
Cadmium	106-1	3817	3651	3576	3681	3.36	cps
Cadmium	108-1	100	117	129	115	12.69	cps
Calcium	43-1	2182113	2123649	2163482	2156415	1.38	cps
Calcium	44-1	35429503	33843106	34270956	34514522	2.38	cps
Carbon	12-1	7218294	7856054	8286935	7787094	6.90	cps
Carbon	12-2	91419	93741	94647	93269	1.79	cps
Chlorine	35-1	4017151	4187070	4223203	4142475	2.66	cps
Chlorine	35-2	27335	27134	27627	27365	0.91	cps
Chromium	52-2	987	1040	1127	1051	6.72	cps
Cobalt	59-2	790	773	833	799	3.88	cps
Copper	63-2	5104	4938	4814	4952	2.94	cps
Dysprosium	156-1	92	117	142	117	21.43	cps
Dysprosium	156-2	47	17	13	26	71.84	cps
Erbium	164-1	208	108	217	178	33.91	cps
Erbium	164-2	93	50	40	61	46.39	cps
Gadolinium	160-1	192	150	175	172	12.18	cps
Gadolinium	160-2	93	110	117	107	11.27	cps
Holmium	165-1	8851687	9686656	9214402	9250915	4.53	cps
Holmium	165-2	3911234	3830550	3688023	3809935	2.97	cps
Indium	115-1	7237973	8233061	7766030	7745688	6.43	cps
Indium	115-2	1004112	995591	989436	996380	0.74	cps
Iron	54-2	20721	21194	20804	20906	1.21	cps
Iron	56-2	383999	368173	370292	374154	2.30	cps
Iron	57-2	12122	12055	12055	12078	0.32	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-19	Instrumnet Name :	P8
Client Sample ID :	MH1E28	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:49:35	DataFile Name :	100AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1170	1113	1110	1131	2.98	cps
Lead	206-1	96194	96165	94783	95714	0.84	cps
Lead	207-1	85268	83333	84872	84491	1.21	cps
Lead	208-1	388273	379763	383913	383983	1.11	cps
Lithium	6-1	2870035	3214620	3004585	3029747	5.73	cps
Magnesium	24-2	2996341	3032715	2918799	2982618	1.95	cps
Manganese	55-2	148158	144684	143337	145393	1.71	cps
Molybdenum	94-1	2400	2417	2350	2389	1.45	cps
Molybdenum	95-1	3209	3325	3417	3317	3.15	cps
Molybdenum	96-1	3659	3484	3392	3512	3.86	cps
Molybdenum	97-1	2092	2234	1925	2084	7.41	cps
Molybdenum	98-1	5685	5068	5418	5390	5.74	cps
Neodymium	150-1	180	133	200	171	19.99	cps
Neodymium	150-2	53	40	50	48	14.52	cps
Nickel	60-2	940	977	940	952	2.22	cps
Phosphorus	31-2	125	133	167	142	15.56	cps
Potassium	39-2	195126	190177	189428	191577	1.62	cps
Rhodium	103-1	7075561	7894070	7544447	7504693	5.47	cps
Rhodium	103-2	3172068	3098574	3055867	3108837	1.89	cps
Scandium	45-1	5560426	6207370	5919673	5895823	5.50	cps
Scandium	45-2	166752	165765	165160	165892	0.48	cps
Selenium	82-1	27	121	99	82	59.32	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	65	62	42	56	22.20	cps
Silicon	28-1	24510634	24665927	23715747	24297436	2.10	cps
Silver	107-1	842	875	808	842	3.96	cps
Silver	109-1	883	750	742	792	10.04	cps
Sodium	23-2	21663995	20832520	20845680	21114065	2.26	cps
Strontium	86-1	986740	966249	966776	973255	1.20	cps
Strontium	88-1	8513996	8159974	8338686	8337552	2.12	cps
Sulfur	34-1	1706419	1739096	1643899	1696471	2.85	cps
Terbium	159-1	8952942	10240383	9427197	9540174	6.82	cps
Terbium	159-2	3760500	3658928	3638015	3685814	1.78	cps
Thallium	203-1	708	733	792	744	5.75	cps
Thallium	205-1	1850	1767	1700	1772	4.24	cps
Tin	118-1	9020	8403	8928	8784	3.79	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-19	Instrumnet Name :	P8
Client Sample ID :	MH1E28	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:49:35	DataFile Name :	100AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2659	2300	2350	2436	7.97	cps
Uranium	238-1	19808	20350	19140	19766	3.07	cps
Vanadium	51-2	620	643	587	617	4.62	cps
Ytterbium	172-1	33	50	42	42	20.00	cps
Ytterbium	172-2	33	39	17	30	39.02	cps
Ytterbium	176-1	942	975	942	953	2.02	cps
Ytterbium	176-2	4968	5462	5774	5401	7.52	cps
Yttrium	89-1	13956346	15688907	14850258	14831837	5.84	cps
Yttrium	89-2	1333126	1301206	1293599	1309310	1.60	cps
Zinc	66-2	63318	61567	62263	62383	1.41	cps
Zirconium	90-1	1467	1392	1617	1492	7.68	cps
Zirconium	91-1	317	325	283	308	7.15	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-20	Instrumnet Name :	P8
Client Sample ID :	MH1E30	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:52:32	DataFile Name :	101AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3319	3345	3399	3354	1.22	cps
Antimony	121-1	26785	26977	26885	26883	0.36	cps
Arsenic	75-2	648	647	705	667	4.98	cps
Barium	135-1	59899	61959	64890	62249	4.03	cps
Barium	137-1	142324	143964	149325	145204	2.52	cps
Beryllium	9-1	130	130	124	128	2.71	cps
Bismuth	209-1	4572442	5027753	5149575	4916590	6.19	cps
Bismuth	209-2	2710077	2700697	2725589	2712121	0.46	cps
Boron	10-1	4814	5072	4938	4941	2.61	cps
Boron	11-1	22567	23664	24409	23547	3.94	cps
Bromine	81-1	28428	29943	29371	29247	2.62	cps
Cadmium	111-1	1597	1557	1484	1546	3.69	cps
Cadmium	106-1	3117	3417	3676	3403	8.21	cps
Cadmium	108-1	125	88	96	103	19.16	cps
Calcium	43-1	2042824	2098314	2181094	2107410	3.30	cps
Calcium	44-1	33711984	32944566	34172381	33609643	1.85	cps
Carbon	12-1	6970133	7720114	7893276	7527841	6.52	cps
Carbon	12-2	88333	92927	93272	91511	3.01	cps
Chlorine	35-1	3727762	3996743	4175820	3966775	5.69	cps
Chlorine	35-2	26466	28971	30174	28537	6.63	cps
Chromium	52-2	847	890	880	872	2.60	cps
Cobalt	59-2	937	913	893	914	2.37	cps
Copper	63-2	6101	6071	6171	6115	0.84	cps
Dysprosium	156-1	25	42	133	67	87.50	cps
Dysprosium	156-2	40	30	23	31	26.97	cps
Erbium	164-1	125	150	108	128	16.41	cps
Erbium	164-2	57	43	23	41	40.82	cps
Gadolinium	160-1	100	133	150	128	19.93	cps
Gadolinium	160-2	87	100	80	89	11.46	cps
Holmium	165-1	7985100	8667155	8802560	8484938	5.16	cps
Holmium	165-2	3831381	3968145	3917071	3905532	1.77	cps
Indium	115-1	6807854	7249084	7536507	7197815	5.10	cps
Indium	115-2	1029672	1054247	1018195	1034038	1.78	cps
Iron	54-2	22997	23219	21789	22668	3.39	cps
Iron	56-2	400675	404696	400246	401872	0.61	cps
Iron	57-2	12350	12456	13557	12787	5.23	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-20	Instrumnet Name :	P8
Client Sample ID :	MH1E30	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:52:32	DataFile Name :	101AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1057	1093	1153	1101	4.43	cps
Lead	206-1	115970	117339	117562	116957	0.74	cps
Lead	207-1	104317	104693	104547	104519	0.18	cps
Lead	208-1	468309	473128	475295	472244	0.76	cps
Lithium	6-1	2639414	2777052	2840717	2752394	3.74	cps
Magnesium	24-2	3038451	3096011	3039291	3057918	1.08	cps
Manganese	55-2	178236	183699	180514	180816	1.52	cps
Molybdenum	94-1	2359	2217	2434	2336	4.71	cps
Molybdenum	95-1	3200	3292	3275	3256	1.50	cps
Molybdenum	96-1	3534	3501	3626	3553	1.82	cps
Molybdenum	97-1	2125	2284	2042	2150	5.71	cps
Molybdenum	98-1	4809	5226	5101	5046	4.24	cps
Neodymium	150-1	133	107	147	129	15.80	cps
Neodymium	150-2	37	63	27	42	44.88	cps
Nickel	60-2	830	863	787	827	4.65	cps
Phosphorus	31-2	183	192	142	172	15.55	cps
Potassium	39-2	189562	188666	187732	188653	0.49	cps
Rhodium	103-1	6468654	6974630	7131341	6858208	5.05	cps
Rhodium	103-2	3220919	3257640	3202506	3227021	0.87	cps
Scandium	45-1	5176142	5460373	5778848	5471788	5.51	cps
Scandium	45-2	166444	172289	165420	168051	2.21	cps
Selenium	82-1	184	103	82	123	43.88	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	58	47	36	47	23.41	cps
Silicon	28-1	22309877	22602108	22849352	22587112	1.20	cps
Silver	107-1	983	1267	1242	1164	13.48	cps
Silver	109-1	858	858	1058	925	12.48	cps
Sodium	23-2	22017040	22443024	20884860	21781641	3.70	cps
Strontium	86-1	926323	959781	958124	948076	1.99	cps
Strontium	88-1	8072739	8074135	8095041	8080638	0.15	cps
Sulfur	34-1	1622610	1634680	1690540	1649277	2.20	cps
Terbium	159-1	8347190	8835353	9251964	8811502	5.14	cps
Terbium	159-2	3896579	4065816	3688491	3883629	4.87	cps
Thallium	203-1	892	708	833	811	11.55	cps
Thallium	205-1	1834	1667	1892	1797	6.50	cps
Tin	118-1	9137	9187	9671	9331	3.16	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-20	Instrumnet Name :	P8
Client Sample ID :	MH1E30	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:52:32	DataFile Name :	101AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2092	2584	2309	2328	10.59	cps
Uranium	238-1	19207	20200	19841	19749	2.55	cps
Vanadium	51-2	610	603	670	628	5.85	cps
Ytterbium	172-1	33	25	25	28	17.31	cps
Ytterbium	172-2	28	39	6	24	70.49	cps
Ytterbium	176-1	792	958	842	864	9.90	cps
Ytterbium	176-2	5379	5751	5807	5646	4.12	cps
Yttrium	89-1	12473434	13812549	14321601	13535861	7.05	cps
Yttrium	89-2	1345943	1405466	1343916	1365108	2.56	cps
Zinc	66-2	67698	68592	67970	68087	0.67	cps
Zirconium	90-1	1367	1267	1317	1317	3.80	cps
Zirconium	91-1	317	283	317	306	6.30	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-21	Instrumnet Name :	P8
Client Sample ID :	MH1E30D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:55:31	DataFile Name :	102AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3648	3344	3596	3529	4.61	cps
Antimony	121-1	27528	27395	27887	27603	0.92	cps
Arsenic	75-2	669	636	688	664	3.96	cps
Barium	135-1	65534	65316	64822	65224	0.56	cps
Barium	137-1	151368	150473	153706	151849	1.10	cps
Beryllium	9-1	148	150	136	145	5.24	cps
Bismuth	209-1	5154969	5226464	5179752	5187062	0.70	cps
Bismuth	209-2	2803748	2721407	2676111	2733755	2.37	cps
Boron	10-1	4874	5280	5284	5146	4.58	cps
Boron	11-1	23406	24390	25153	24316	3.60	cps
Bromine	81-1	27706	27475	30374	28518	5.65	cps
Cadmium	111-1	1710	1442	1709	1620	9.52	cps
Cadmium	106-1	3926	3501	3484	3637	6.89	cps
Cadmium	108-1	142	138	154	144	6.01	cps
Calcium	43-1	2127643	2191345	2155926	2158305	1.48	cps
Calcium	44-1	34660249	35177959	34690429	34842879	0.83	cps
Carbon	12-1	7249554	7502644	7977003	7576400	4.87	cps
Carbon	12-2	93624	95208	93314	94049	1.08	cps
Chlorine	35-1	4261120	4583423	4568236	4470926	4.07	cps
Chlorine	35-2	31376	30257	29781	30472	2.69	cps
Chromium	52-2	867	923	877	889	3.40	cps
Cobalt	59-2	933	923	930	929	0.55	cps
Copper	63-2	6268	6058	5958	6095	2.60	cps
Dysprosium	156-1	133	158	83	125	30.55	cps
Dysprosium	156-2	20	27	23	23	14.29	cps
Erbium	164-1	150	117	83	117	28.57	cps
Erbium	164-2	50	67	43	53	22.54	cps
Gadolinium	160-1	125	150	117	131	13.29	cps
Gadolinium	160-2	113	100	123	112	10.43	cps
Holmium	165-1	9042622	9090012	9098205	9076946	0.33	cps
Holmium	165-2	4042715	4022747	3890952	3985471	2.07	cps
Indium	115-1	7533371	7657904	7700941	7630739	1.14	cps
Indium	115-2	1062383	1036769	1031296	1043483	1.59	cps
Iron	54-2	23125	23208	22657	22997	1.29	cps
Iron	56-2	418259	407291	399738	408429	2.28	cps
Iron	57-2	13195	12889	13735	13273	3.22	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-21	Instrumnet Name :	P8
Client Sample ID :	MH1E30D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:55:31	DataFile Name :	102AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1100	1150	1247	1166	6.40	cps
Lead	206-1	121071	122210	122041	121774	0.50	cps
Lead	207-1	103864	107207	106990	106020	1.76	cps
Lead	208-1	480155	488141	492422	486906	1.28	cps
Lithium	6-1	2968381	3047362	2947388	2987710	1.76	cps
Magnesium	24-2	3141911	3072804	3093739	3102818	1.14	cps
Manganese	55-2	188542	181398	176450	182130	3.34	cps
Molybdenum	94-1	2475	2525	2242	2414	6.27	cps
Molybdenum	95-1	3401	3534	3426	3453	2.05	cps
Molybdenum	96-1	3576	3592	3609	3592	0.46	cps
Molybdenum	97-1	1934	2200	1975	2036	7.05	cps
Molybdenum	98-1	5076	5043	5159	5093	1.18	cps
Neodymium	150-1	87	160	147	131	29.79	cps
Neodymium	150-2	30	30	37	32	11.95	cps
Nickel	60-2	833	883	780	832	6.21	cps
Phosphorus	31-2	183	167	275	208	28.00	cps
Potassium	39-2	195687	192759	188929	192458	1.76	cps
Rhodium	103-1	7262345	7292554	7259162	7271354	0.25	cps
Rhodium	103-2	3239787	3192669	3134420	3188959	1.66	cps
Scandium	45-1	5890130	5722527	6079682	5897446	3.03	cps
Scandium	45-2	175107	166735	173112	171651	2.55	cps
Selenium	82-1	80	43	-13	37	128.29	cps
Selenium	77-2	7	3	13	8	65.47	cps
Selenium	78-2	47	55	48	50	8.72	cps
Silicon	28-1	23202117	23198313	23601618	23334016	0.99	cps
Silver	107-1	983	1117	1233	1111	11.26	cps
Silver	109-1	1017	1100	1092	1070	4.29	cps
Sodium	23-2	22469117	21691230	21964307	22041551	1.79	cps
Strontium	86-1	953940	968200	985510	969217	1.63	cps
Strontium	88-1	8334430	8303056	8322843	8320109	0.19	cps
Sulfur	34-1	1695276	1694074	1676188	1688513	0.63	cps
Terbium	159-1	9493779	9228573	9510497	9410950	1.68	cps
Terbium	159-2	3960358	3810628	3824078	3865021	2.14	cps
Thallium	203-1	917	808	825	850	6.86	cps
Thallium	205-1	1700	2075	1825	1867	10.23	cps
Tin	118-1	10250	9128	10365	9915	6.89	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-21	Instrumnet Name :	P8
Client Sample ID :	MH1E30D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 17:55:31	DataFile Name :	102AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2267	1934	1900	2034	9.97	cps
Uranium	238-1	19708	20258	20651	20206	2.34	cps
Vanadium	51-2	597	680	690	656	7.82	cps
Ytterbium	172-1	50	83	42	58	37.80	cps
Ytterbium	172-2	33	28	28	30	10.81	cps
Ytterbium	176-1	983	883	933	933	5.36	cps
Ytterbium	176-2	5518	5690	5757	5655	2.18	cps
Yttrium	89-1	14513982	14541169	14663666	14572939	0.55	cps
Yttrium	89-2	1427173	1371251	1341641	1380022	3.15	cps
Zinc	66-2	68462	69219	67266	68315	1.44	cps
Zirconium	90-1	1425	1392	1333	1383	3.35	cps
Zirconium	91-1	233	250	425	303	35.07	cps

LB Number : LB117862 Operator : Jaswal
 Lab Sample ID : M5046-20LX5 Instrumnet Name : P8
 Client Sample ID : MH1E30L Dilution Factor : 5
 Date & Time Acquired :: 2021-12-16 17:58:28 DataFile Name : 103AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	859	725	711	765	10.65	cps
Antimony	121-1	5193	4993	5234	5140	2.51	cps
Arsenic	75-2	126	126	166	139	16.58	cps
Barium	135-1	12581	11647	12089	12106	3.86	cps
Barium	137-1	28048	28464	28437	28316	0.82	cps
Beryllium	9-1	134	128	128	130	2.66	cps
Bismuth	209-1	5066432	5340428	5239930	5215597	2.66	cps
Bismuth	209-2	2725632	2695256	2721768	2714219	0.61	cps
Boron	10-1	1934	1860	1954	1916	2.58	cps
Boron	11-1	8745	9069	9129	8981	2.30	cps
Bromine	81-1	20426	20386	20938	20583	1.49	cps
Cadmium	111-1	591	703	619	638	9.15	cps
Cadmium	106-1	3417	3492	3226	3378	4.07	cps
Cadmium	108-1	33	71	46	50	38.19	cps
Calcium	43-1	398435	397203	399157	398265	0.25	cps
Calcium	44-1	6340165	6569765	6380442	6430124	1.91	cps
Carbon	12-1	5289681	5479502	5280473	5349885	2.10	cps
Carbon	12-2	57530	57505	57589	57542	0.08	cps
Chlorine	35-1	2941404	2809338	2811390	2854044	2.65	cps
Chlorine	35-2	16401	16335	15734	16157	2.28	cps
Chromium	52-2	560	610	583	584	4.28	cps
Cobalt	59-2	243	143	197	194	25.73	cps
Copper	63-2	1607	1670	1737	1671	3.89	cps
Dysprosium	156-1	8	17	42	22	78.07	cps
Dysprosium	156-2	0	13	7	7	99.98	cps
Erbium	164-1	117	92	75	94	22.21	cps
Erbium	164-2	37	43	113	64	65.91	cps
Gadolinium	160-1	83	67	92	81	15.80	cps
Gadolinium	160-2	67	63	57	62	8.18	cps
Holmium	165-1	8862286	8964555	8550832	8792558	2.45	cps
Holmium	165-2	3837717	3870467	3884782	3864322	0.62	cps
Indium	115-1	7448146	7611655	7530265	7530022	1.09	cps
Indium	115-2	1030673	1036841	1021802	1029772	0.73	cps
Iron	54-2	4645	4473	4545	4555	1.90	cps
Iron	56-2	80314	78973	77627	78972	1.70	cps
Iron	57-2	2578	2511	2595	2561	1.72	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-20LX5	Instrumnet Name :	P8
Client Sample ID :	MH1E30L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 17:58:28	DataFile Name :	103AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1040	1107	1160	1102	5.45	cps
Lead	206-1	23421	23549	24379	23783	2.19	cps
Lead	207-1	20628	20661	20806	20698	0.46	cps
Lead	208-1	92523	94782	96526	94610	2.12	cps
Lithium	6-1	2870859	3048478	2976665	2965334	3.01	cps
Magnesium	24-2	607319	588254	589438	595004	1.80	cps
Manganese	55-2	35274	35010	34248	34844	1.53	cps
Molybdenum	94-1	617	600	642	619	3.39	cps
Molybdenum	95-1	517	717	683	639	16.77	cps
Molybdenum	96-1	725	792	775	764	4.54	cps
Molybdenum	97-1	300	367	333	333	10.00	cps
Molybdenum	98-1	942	1108	925	992	10.22	cps
Neodymium	150-1	20	33	33	29	26.64	cps
Neodymium	150-2	20	3	17	13	66.16	cps
Nickel	60-2	200	167	200	189	10.19	cps
Phosphorus	31-2	142	133	192	156	20.28	cps
Potassium	39-2	47454	48959	48691	48368	1.66	cps
Rhodium	103-1	7001929	7222756	7167164	7130617	1.61	cps
Rhodium	103-2	3149262	3185038	3191497	3175266	0.72	cps
Scandium	45-1	5684297	5661883	5633519	5659900	0.45	cps
Scandium	45-2	169690	168350	166153	168064	1.06	cps
Selenium	82-1	111	3	-65	16	541.88	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	38	33	38	36	7.95	cps
Silicon	28-1	4745840	4828124	4878134	4817366	1.39	cps
Silver	107-1	408	308	375	364	13.99	cps
Silver	109-1	250	242	267	253	5.04	cps
Sodium	23-2	4292976	4106463	4058747	4152729	2.98	cps
Strontium	86-1	184257	188394	180442	184364	2.16	cps
Strontium	88-1	1596906	1569177	1571697	1579260	0.97	cps
Sulfur	34-1	712154	706871	723391	714139	1.18	cps
Terbium	159-1	9003912	9096224	9070277	9056805	0.53	cps
Terbium	159-2	3753821	3750937	3816194	3773651	0.98	cps
Thallium	203-1	675	667	592	644	7.12	cps
Thallium	205-1	1142	1333	1292	1256	8.03	cps
Tin	118-1	6694	7027	7261	6994	4.07	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-20LX5	Instrumnet Name :	P8
Client Sample ID :	MH1E30L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 17:58:28	DataFile Name :	103AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	567	642	433	547	19.28	cps
Uranium	238-1	3384	3676	3976	3678	8.05	cps
Vanadium	51-2	133	117	120	123	7.15	cps
Ytterbium	172-1	42	17	17	25	57.73	cps
Ytterbium	172-2	6	28	6	13	98.94	cps
Ytterbium	176-1	792	983	892	889	10.79	cps
Ytterbium	176-2	5196	5629	5940	5588	6.69	cps
Yttrium	89-1	14282178	14005160	14281832	14189723	1.13	cps
Yttrium	89-2	1343632	1352897	1331045	1342525	0.82	cps
Zinc	66-2	13497	13350	13323	13390	0.70	cps
Zirconium	90-1	792	708	917	806	13.02	cps
Zirconium	91-1	158	100	150	136	23.18	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-22	Instrumnet Name :	P8
Client Sample ID :	MH1E30S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:01:29	DataFile Name :	104AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	77876	78941	77333	78050	1.05	cps
Antimony	121-1	483473	489632	499207	490771	1.62	cps
Arsenic	75-2	5787	5824	5710	5773	1.01	cps
Barium	135-1	2486991	2474862	2576327	2512727	2.21	cps
Barium	137-1	5673849	5617729	5857270	5716282	2.19	cps
Beryllium	9-1	63722	65442	64283	64482	1.36	cps
Bismuth	209-1	5051168	5186729	5168299	5135399	1.43	cps
Bismuth	209-2	2619762	2704994	2692714	2672490	1.72	cps
Boron	10-1	4490	4830	5114	4811	6.49	cps
Boron	11-1	21325	22389	23899	22538	5.74	cps
Bromine	81-1	26081	27144	28990	27405	5.37	cps
Cadmium	111-1	59171	59340	59009	59173	0.28	cps
Cadmium	106-1	9112	8369	8795	8759	4.25	cps
Cadmium	108-1	3821	3859	4197	3959	5.22	cps
Calcium	43-1	2052643	2101903	2052256	2068934	1.38	cps
Calcium	44-1	32636485	32138280	32609748	32461504	0.86	cps
Carbon	12-1	7084558	7622063	7912595	7539739	5.57	cps
Carbon	12-2	92116	91680	94421	92739	1.59	cps
Chlorine	35-1	5757950	6911749	7701236	6790312	14.39	cps
Chlorine	35-2	60025	65013	69978	65005	7.66	cps
Chromium	52-2	284923	288992	286908	286941	0.71	cps
Cobalt	59-2	1264682	1274763	1261526	1266990	0.55	cps
Copper	63-2	482496	480059	482583	481713	0.30	cps
Dysprosium	156-1	117	125	108	117	7.14	cps
Dysprosium	156-2	50	47	57	51	9.96	cps
Erbium	164-1	150	83	125	119	28.20	cps
Erbium	164-2	33	50	63	49	30.75	cps
Gadolinium	160-1	142	92	125	119	21.31	cps
Gadolinium	160-2	120	77	127	108	25.19	cps
Holmium	165-1	8539871	8806540	8978103	8774838	2.52	cps
Holmium	165-2	3750660	3960701	3901130	3870830	2.80	cps
Indium	115-1	7306732	7348880	7536518	7397377	1.65	cps
Indium	115-2	1008114	1035503	1032561	1025393	1.47	cps
Iron	54-2	90021	91822	91078	90974	0.99	cps
Iron	56-2	1528442	1502254	1536577	1522424	1.18	cps
Iron	57-2	38914	39533	41199	39882	2.96	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-22	Instrumnet Name :	P8
Client Sample ID :	MH1E30S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:01:29	DataFile Name :	104AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1097	1070	1237	1135	7.89	cps
Lead	206-1	182520	182152	185147	183273	0.89	cps
Lead	207-1	157369	162920	162293	160861	1.89	cps
Lead	208-1	721848	739465	738067	733127	1.34	cps
Lithium	6-1	2866811	2858714	2840508	2855344	0.47	cps
Magnesium	24-2	3087664	3049722	3047249	3061545	0.74	cps
Manganese	55-2	515724	514038	507841	512534	0.81	cps
Molybdenum	94-1	2259	2584	2567	2470	7.41	cps
Molybdenum	95-1	3250	3442	3401	3364	3.00	cps
Molybdenum	96-1	3492	3584	3692	3589	2.79	cps
Molybdenum	97-1	2050	1942	2000	1997	2.71	cps
Molybdenum	98-1	4601	4668	5418	4895	9.27	cps
Neodymium	150-1	140	313	280	244	37.63	cps
Neodymium	150-2	60	43	37	47	25.75	cps
Nickel	60-2	340723	349972	344924	345206	1.34	cps
Phosphorus	31-2	125	192	192	169	22.72	cps
Potassium	39-2	185609	185336	190490	187145	1.55	cps
Rhodium	103-1	6889479	7135346	7020020	7014948	1.75	cps
Rhodium	103-2	3139811	3165102	3274162	3193025	2.24	cps
Scandium	45-1	5469299	5653813	5795437	5639516	2.90	cps
Scandium	45-2	166952	170633	171868	169818	1.51	cps
Selenium	82-1	8746	9058	8892	8899	1.76	cps
Selenium	77-2	243	200	237	227	10.30	cps
Selenium	78-2	856	868	874	866	1.06	cps
Silicon	28-1	22806542	23200949	22903766	22970419	0.89	cps
Silver	107-1	203925	202782	205875	204194	0.77	cps
Silver	109-1	191959	193654	192489	192700	0.45	cps
Sodium	23-2	21688091	21855834	21788766	21777564	0.39	cps
Strontium	86-1	933574	926504	945770	935283	1.04	cps
Strontium	88-1	7974754	7724617	8333476	8010949	3.82	cps
Sulfur	34-1	1669404	1721912	1610550	1667289	3.34	cps
Terbium	159-1	8995970	9118854	9458747	9191190	2.61	cps
Terbium	159-2	3714349	3921288	3930211	3855283	3.17	cps
Thallium	203-1	200063	205283	212701	206016	3.08	cps
Thallium	205-1	486910	489847	490368	489042	0.38	cps
Tin	118-1	9354	8628	9345	9109	4.57	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-22	Instrumnet Name :	P8
Client Sample ID :	MH1E30S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:01:29	DataFile Name :	104AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2125	2084	2767	2325	16.49	cps
Uranium	238-1	18789	19132	20167	19363	3.70	cps
Vanadium	51-2	578121	583924	588648	583564	0.90	cps
Ytterbium	172-1	25	58	50	44	39.04	cps
Ytterbium	172-2	22	22	22	22	0.00	cps
Ytterbium	176-1	925	767	875	856	9.46	cps
Ytterbium	176-2	5101	5690	5785	5525	6.70	cps
Yttrium	89-1	14111359	13797550	14330926	14079945	1.90	cps
Yttrium	89-2	1335761	1367913	1387964	1363880	1.93	cps
Zinc	66-2	167175	166516	167849	167180	0.40	cps
Zirconium	90-1	1325	1843	1283	1484	21.00	cps
Zirconium	91-1	242	333	367	314	20.62	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-01	Instrumnet Name :	P8
Client Sample ID :	MH1F14	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:04:23	DataFile Name :	105AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1404	1360	1326	1363	2.85	cps
Antimony	121-1	79390	77000	79464	78618	1.78	cps
Arsenic	75-2	871	846	833	850	2.27	cps
Barium	135-1	55071	53925	54402	54466	1.06	cps
Barium	137-1	127817	126625	125494	126645	0.92	cps
Beryllium	9-1	132	166	154	151	11.44	cps
Bismuth	209-1	5124910	4963979	5087149	5058679	1.66	cps
Bismuth	209-2	2679408	2619210	2644565	2647728	1.14	cps
Boron	10-1	5268	5536	5610	5471	3.29	cps
Boron	11-1	24940	26218	26901	26020	3.83	cps
Bromine	81-1	34719	37789	38141	36883	5.10	cps
Cadmium	111-1	8536	8741	8752	8676	1.40	cps
Cadmium	106-1	4684	4609	4167	4487	6.22	cps
Cadmium	108-1	654	608	642	635	3.73	cps
Calcium	43-1	2998852	2939131	2807649	2915211	3.36	cps
Calcium	44-1	48455832	45852690	45530100	46612874	3.44	cps
Carbon	12-1	7624934	8036309	8787461	8149568	7.23	cps
Carbon	12-2	95948	103163	102853	100655	4.05	cps
Chlorine	35-1	6554929	6841945	6963686	6786853	3.09	cps
Chlorine	35-2	46149	47905	48423	47492	2.51	cps
Chromium	52-2	1110	1060	1063	1078	2.59	cps
Cobalt	59-2	937	920	820	892	7.07	cps
Copper	63-2	11805	12222	12416	12148	2.57	cps
Dysprosium	156-1	67	33	25	42	52.92	cps
Dysprosium	156-2	23	13	17	18	28.64	cps
Erbium	164-1	142	142	125	136	7.07	cps
Erbium	164-2	23	50	20	31	52.86	cps
Gadolinium	160-1	8	58	42	36	70.51	cps
Gadolinium	160-2	77	90	80	82	8.44	cps
Holmium	165-1	8730878	8709444	8646119	8695480	0.51	cps
Holmium	165-2	3901185	3823124	3863596	3862635	1.01	cps
Indium	115-1	7453863	7628698	7622208	7568257	1.31	cps
Indium	115-2	1030289	1015793	1020490	1022191	0.72	cps
Iron	54-2	7352	7624	7658	7545	2.22	cps
Iron	56-2	129466	131922	129888	130425	1.01	cps
Iron	57-2	6691	7535	7358	7195	6.19	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-01	Instrumnet Name :	P8
Client Sample ID :	MH1F14	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:04:23	DataFile Name :	105AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1020	1130	1073	1075	5.12	cps
Lead	206-1	143064	144120	143712	143632	0.37	cps
Lead	207-1	123177	123449	123591	123406	0.17	cps
Lead	208-1	573083	570151	574569	572601	0.39	cps
Lithium	6-1	2878684	2821665	2854635	2851661	1.00	cps
Magnesium	24-2	4515993	4451504	4519633	4495710	0.85	cps
Manganese	55-2	52359	51931	52169	52153	0.41	cps
Molybdenum	94-1	2375	2500	2367	2414	3.09	cps
Molybdenum	95-1	3217	3334	3384	3312	2.58	cps
Molybdenum	96-1	3842	3601	3726	3723	3.25	cps
Molybdenum	97-1	1784	2050	1842	1892	7.41	cps
Molybdenum	98-1	5293	5360	5151	5268	2.02	cps
Neodymium	150-1	67	60	40	56	24.98	cps
Neodymium	150-2	10	27	17	18	47.19	cps
Nickel	60-2	1363	1267	1363	1331	4.19	cps
Phosphorus	31-2	242	167	200	203	18.53	cps
Potassium	39-2	215421	213528	216823	215257	0.77	cps
Rhodium	103-1	7134542	6979918	7066644	7060368	1.10	cps
Rhodium	103-2	3173014	3051351	3047098	3090488	2.31	cps
Scandium	45-1	5875884	5771677	5699665	5782408	1.53	cps
Scandium	45-2	171754	169493	169758	170335	0.73	cps
Selenium	82-1	187	81	117	128	42.33	cps
Selenium	77-2	0	10	0	3	173.21	cps
Selenium	78-2	34	45	39	39	14.00	cps
Silicon	28-1	26369559	25645134	25175892	25730195	2.34	cps
Silver	107-1	1975	1767	1650	1797	9.16	cps
Silver	109-1	1792	1775	1625	1731	5.31	cps
Sodium	23-2	29816428	30724160	31630288	30723625	2.95	cps
Strontium	86-1	1403302	1451606	1445946	1433618	1.84	cps
Strontium	88-1	12333213	12495835	12099904	12309651	1.62	cps
Sulfur	34-1	2207870	2214959	2234140	2218990	0.61	cps
Terbium	159-1	9329571	9557587	9257894	9381684	1.67	cps
Terbium	159-2	3926233	3893860	3876706	3898933	0.65	cps
Thallium	203-1	2009	1775	1675	1820	9.40	cps
Thallium	205-1	4584	4518	4134	4412	5.51	cps
Tin	118-1	12865	12347	12456	12556	2.17	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-01	Instrumnet Name :	P8
Client Sample ID :	MH1F14	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:04:23	DataFile Name :	105AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1158	1233	1233	1208	3.58	cps
Uranium	238-1	32367	30763	32183	31771	2.76	cps
Vanadium	51-2	300	267	233	267	12.50	cps
Ytterbium	172-1	25	50	50	42	34.64	cps
Ytterbium	172-2	22	17	28	22	25.00	cps
Ytterbium	176-1	808	875	933	872	7.17	cps
Ytterbium	176-2	5796	5668	5657	5707	1.35	cps
Yttrium	89-1	14486022	14398935	14002052	14295670	1.80	cps
Yttrium	89-2	1417478	1351535	1326903	1365305	3.43	cps
Zinc	66-2	426815	423580	418663	423019	0.97	cps
Zirconium	90-1	1258	1250	1075	1195	8.67	cps
Zirconium	91-1	167	283	267	239	26.41	cps

LB Number : LB117862 Operator : Jaswal
 Lab Sample ID : M5049-02 Instrumnet Name : P8
 Client Sample ID : MH1F16 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-16 18:07:22 DataFile Name : 106AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1674	1575	1580	1609	3.46	cps
Antimony	121-1	13507	14066	14458	14010	3.41	cps
Arsenic	75-2	443	410	379	411	7.79	cps
Barium	135-1	76425	79584	78603	78204	2.07	cps
Barium	137-1	180513	182765	185097	182792	1.25	cps
Beryllium	9-1	112	98	126	112	12.50	cps
Bismuth	209-1	5104192	5113202	4894342	5037246	2.46	cps
Bismuth	209-2	2758116	2757546	2565871	2693844	4.11	cps
Boron	10-1	16046	16306	17865	16739	5.88	cps
Boron	11-1	75852	79748	80881	78827	3.35	cps
Bromine	81-1	39808	46404	49337	45183	10.80	cps
Cadmium	111-1	1002	982	995	993	1.03	cps
Cadmium	106-1	3642	3626	3334	3534	4.91	cps
Cadmium	108-1	100	75	100	92	15.75	cps
Calcium	43-1	1788674	1855211	1874890	1839592	2.46	cps
Calcium	44-1	28597843	29992701	29900655	29497066	2.64	cps
Carbon	12-1	9116590	9599815	10261132	9659179	5.95	cps
Carbon	12-2	118787	118890	119470	119049	0.31	cps
Chlorine	35-1	6752823	7435898	8047308	7412010	8.74	cps
Chlorine	35-2	54620	54286	58059	55655	3.75	cps
Chromium	52-2	887	970	880	912	5.50	cps
Cobalt	59-2	740	730	807	759	5.49	cps
Copper	63-2	10334	10104	10457	10298	1.74	cps
Dysprosium	156-1	600	733	558	631	14.50	cps
Dysprosium	156-2	280	280	250	270	6.42	cps
Erbium	164-1	92	100	133	108	20.35	cps
Erbium	164-2	37	27	47	37	27.27	cps
Gadolinium	160-1	517	617	767	633	19.87	cps
Gadolinium	160-2	347	433	333	371	14.63	cps
Holmium	165-1	8895604	8972803	8885149	8917852	0.54	cps
Holmium	165-2	4038208	3986820	3587944	3870990	6.37	cps
Indium	115-1	7542608	7516768	7319792	7459723	1.63	cps
Indium	115-2	1050306	1027901	960706	1012971	4.60	cps
Iron	54-2	8608	8436	8136	8393	2.85	cps
Iron	56-2	149735	153707	151768	151736	1.31	cps
Iron	57-2	6085	6029	6346	6153	2.75	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-02	Instrumnet Name :	P8
Client Sample ID :	MH1F16	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:07:22	DataFile Name :	106AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1130	1090	1153	1125	2.85	cps
Lead	206-1	140032	144610	145734	143459	2.11	cps
Lead	207-1	123348	123609	128180	125046	2.17	cps
Lead	208-1	570444	576052	583515	576671	1.14	cps
Lithium	6-1	2850555	2958688	2751469	2853571	3.63	cps
Magnesium	24-2	3024908	3074598	2998939	3032815	1.27	cps
Manganese	55-2	17050	17247	17144	17147	0.57	cps
Molybdenum	94-1	1550	1400	1700	1550	9.68	cps
Molybdenum	95-1	1817	1892	1959	1889	3.75	cps
Molybdenum	96-1	1950	2217	2059	2075	6.46	cps
Molybdenum	97-1	1117	1067	1025	1070	4.29	cps
Molybdenum	98-1	2834	2909	2550	2764	6.84	cps
Neodymium	150-1	53	67	53	58	13.33	cps
Neodymium	150-2	33	17	17	22	43.28	cps
Nickel	60-2	1277	1230	1313	1273	3.28	cps
Phosphorus	31-2	300	275	350	308	12.39	cps
Potassium	39-2	1173804	1211034	1197099	1193979	1.58	cps
Rhodium	103-1	7051325	7115030	6961673	7042676	1.09	cps
Rhodium	103-2	3209804	3143416	2913604	3088942	5.03	cps
Scandium	45-1	5768463	5777753	5555472	5700563	2.21	cps
Scandium	45-2	173854	173655	158891	168800	5.08	cps
Selenium	82-1	54	35	-31	19	232.18	cps
Selenium	77-2	0	3	10	4	114.60	cps
Selenium	78-2	36	56	57	50	23.86	cps
Silicon	28-1	24219042	25096832	24370451	24562108	1.91	cps
Silver	107-1	1308	1350	1508	1389	7.60	cps
Silver	109-1	1342	1400	1458	1400	4.17	cps
Sodium	23-2	59454728	59476603	60014310	59648547	0.53	cps
Strontium	86-1	945358	940165	958524	948016	1.00	cps
Strontium	88-1	8004550	7935229	8114236	8018005	1.13	cps
Sulfur	34-1	1323247	1303986	1335542	1320925	1.20	cps
Terbium	159-1	9212272	9445528	8967194	9208332	2.60	cps
Terbium	159-2	3943952	3817928	3583781	3781887	4.83	cps
Thallium	203-1	892	850	842	861	3.11	cps
Thallium	205-1	1784	1809	2000	1864	6.36	cps
Tin	118-1	4568	4151	4643	4454	5.95	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-02	Instrumnet Name :	P8
Client Sample ID :	MH1F16	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:07:22	DataFile Name :	106AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1033	1133	1108	1092	4.77	cps
Uranium	238-1	14884	15543	16703	15710	5.86	cps
Vanadium	51-2	763	833	670	756	10.85	cps
Ytterbium	172-1	108	17	42	56	85.29	cps
Ytterbium	172-2	28	6	33	22	66.13	cps
Ytterbium	176-1	792	767	875	811	6.99	cps
Ytterbium	176-2	5612	5751	5323	5562	3.93	cps
Yttrium	89-1	14414280	14070636	13909159	14131358	1.83	cps
Yttrium	89-2	1384491	1422845	1280870	1362736	5.39	cps
Zinc	66-2	26976	26358	27283	26872	1.75	cps
Zirconium	90-1	1442	1475	1258	1392	8.38	cps
Zirconium	91-1	325	350	300	325	7.69	cps

LB Number : LB117862 Operator : Jaswal
 Lab Sample ID : M5049-03 Instrumnet Name : P8
 Client Sample ID : MH1F18 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-16 18:10:18 DataFile Name : 107AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1722	1647	1642	1671	2.68	cps
Antimony	121-1	98187	96581	96842	97203	0.89	cps
Arsenic	75-2	1180	1173	1212	1189	1.75	cps
Barium	135-1	56033	57498	57874	57135	1.70	cps
Barium	137-1	132366	135820	131728	133305	1.65	cps
Beryllium	9-1	154	136	136	142	7.32	cps
Bismuth	209-1	5068465	5157706	5079723	5101964	0.95	cps
Bismuth	209-2	2732900	2688259	2666024	2695728	1.26	cps
Boron	10-1	6546	6692	6848	6696	2.26	cps
Boron	11-1	32205	32534	33187	32642	1.53	cps
Bromine	81-1	39447	41806	43713	41655	5.13	cps
Cadmium	111-1	9890	10311	9967	10056	2.23	cps
Cadmium	106-1	4384	4276	4251	4304	1.65	cps
Cadmium	108-1	708	738	679	708	4.12	cps
Calcium	43-1	3073461	3155669	3183127	3137419	1.82	cps
Calcium	44-1	49083046	50533128	48847298	49487824	1.84	cps
Carbon	12-1	8524749	8865079	9344212	8911346	4.62	cps
Carbon	12-2	111213	110946	109122	110427	1.03	cps
Chlorine	35-1	6632480	6952526	7164659	6916555	3.87	cps
Chlorine	35-2	49243	51250	50572	50355	2.03	cps
Chromium	52-2	827	810	833	823	1.46	cps
Cobalt	59-2	697	790	670	719	8.77	cps
Copper	63-2	25069	24708	24748	24842	0.80	cps
Dysprosium	156-1	50	58	33	47	26.97	cps
Dysprosium	156-2	40	10	27	26	58.81	cps
Erbium	164-1	67	75	125	89	35.49	cps
Erbium	164-2	23	37	63	41	49.54	cps
Gadolinium	160-1	117	108	75	100	22.05	cps
Gadolinium	160-2	60	80	73	71	14.32	cps
Holmium	165-1	8865922	9147115	8753705	8922247	2.27	cps
Holmium	165-2	3931405	3941860	3999214	3957493	0.92	cps
Indium	115-1	7731829	7331480	7446551	7503287	2.75	cps
Indium	115-2	1028774	1033047	1032365	1031395	0.22	cps
Iron	54-2	8775	9170	8508	8818	3.77	cps
Iron	56-2	151487	151470	150194	151050	0.49	cps
Iron	57-2	7574	7913	7619	7702	2.39	cps

LB Number : LB117862 Operator : Jaswal
 Lab Sample ID : M5049-03 Instrumnet Name : P8
 Client Sample ID : MH1F18 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-16 18:10:18 DataFile Name : 107AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1160	1170	1180	1170	0.85	cps
Lead	206-1	422437	425613	429173	425741	0.79	cps
Lead	207-1	377105	356946	374272	369441	2.95	cps
Lead	208-1	1690641	1672010	1708621	1690424	1.08	cps
Lithium	6-1	2866779	2834613	2876963	2859452	0.77	cps
Magnesium	24-2	4645284	4756100	4653330	4684904	1.32	cps
Manganese	55-2	61680	63585	61469	62244	1.87	cps
Molybdenum	94-1	2375	2434	2892	2567	11.03	cps
Molybdenum	95-1	3559	3876	3642	3692	4.45	cps
Molybdenum	96-1	3876	3967	4309	4051	5.64	cps
Molybdenum	97-1	2150	2192	2642	2328	11.71	cps
Molybdenum	98-1	5860	5793	5751	5801	0.94	cps
Neodymium	150-1	87	73	113	91	22.35	cps
Neodymium	150-2	10	23	20	18	39.03	cps
Nickel	60-2	1147	1240	1097	1161	6.27	cps
Phosphorus	31-2	108	217	158	161	33.65	cps
Potassium	39-2	221451	229035	221625	224037	1.93	cps
Rhodium	103-1	7181696	6950804	7041261	7057920	1.65	cps
Rhodium	103-2	3174781	3220866	3091608	3162418	2.07	cps
Scandium	45-1	5685377	5728955	5731804	5715379	0.46	cps
Scandium	45-2	170455	167942	170082	169493	0.80	cps
Selenium	82-1	45	39	37	40	10.13	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	40	51	63	51	22.42	cps
Silicon	28-1	27939739	27252092	27056726	27416186	1.69	cps
Silver	107-1	2350	2434	2750	2511	8.41	cps
Silver	109-1	2500	2567	2475	2514	1.88	cps
Sodium	23-2	32572721	32197626	32324559	32364968	0.59	cps
Strontium	86-1	1517643	1520558	1548220	1528807	1.10	cps
Strontium	88-1	12439349	12843382	12866078	12716269	1.89	cps
Sulfur	34-1	2341183	2326026	2265512	2310907	1.73	cps
Terbium	159-1	9325002	8921826	9159398	9135409	2.22	cps
Terbium	159-2	3902510	3874553	3840629	3872564	0.80	cps
Thallium	203-1	2050	1892	1925	1956	4.27	cps
Thallium	205-1	4518	4051	4634	4401	7.02	cps
Tin	118-1	4843	4768	4859	4823	1.01	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-03	Instrumnet Name :	P8
Client Sample ID :	MH1F18	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:10:18	DataFile Name :	107AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1483	1342	1383	1403	5.19	cps
Uranium	238-1	33771	32843	33119	33244	1.43	cps
Vanadium	51-2	270	280	257	269	4.35	cps
Ytterbium	172-1	58	92	92	81	23.89	cps
Ytterbium	172-2	17	39	28	28	39.99	cps
Ytterbium	176-1	708	925	942	858	15.17	cps
Ytterbium	176-2	5479	5829	5657	5655	3.10	cps
Yttrium	89-1	14197838	14059797	14010868	14089501	0.69	cps
Yttrium	89-2	1376857	1409834	1378911	1388534	1.33	cps
Zinc	66-2	464307	468203	470865	467792	0.71	cps
Zirconium	90-1	1283	1283	1083	1217	9.49	cps
Zirconium	91-1	300	308	250	286	11.03	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-04	Instrumnet Name :	P8
Client Sample ID :	MH1F20	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:13:16	DataFile Name :	108AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2262	2129	2130	2174	3.54	cps
Antimony	121-1	81494	82582	82574	82217	0.76	cps
Arsenic	75-2	1187	1142	1178	1169	2.04	cps
Barium	135-1	63316	63449	65074	63947	1.53	cps
Barium	137-1	147330	149327	150102	148920	0.96	cps
Beryllium	9-1	130	120	156	135	13.73	cps
Bismuth	209-1	5187335	5206548	5060842	5151575	1.54	cps
Bismuth	209-2	2699593	2699810	2633126	2677509	1.44	cps
Boron	10-1	8153	8467	8681	8433	3.15	cps
Boron	11-1	39084	40903	42248	40745	3.90	cps
Bromine	81-1	41364	43061	45511	43312	4.81	cps
Cadmium	111-1	8469	8446	8567	8494	0.76	cps
Cadmium	106-1	4034	4318	4359	4237	4.18	cps
Cadmium	108-1	625	567	563	585	5.98	cps
Calcium	43-1	2953139	2767523	2806462	2842375	3.44	cps
Calcium	44-1	46170033	45322274	45153413	45548573	1.20	cps
Carbon	12-1	8405484	9344643	9748486	9166204	7.52	cps
Carbon	12-2	108015	110265	110080	109453	1.14	cps
Chlorine	35-1	7329690	7879813	8387531	7865678	6.73	cps
Chlorine	35-2	53658	54947	54938	54514	1.36	cps
Chromium	52-2	1810	2050	1940	1933	6.21	cps
Cobalt	59-2	837	870	927	878	5.18	cps
Copper	63-2	26876	26177	26558	26537	1.32	cps
Dysprosium	156-1	200	133	158	164	20.55	cps
Dysprosium	156-2	83	77	63	74	13.68	cps
Erbium	164-1	117	183	92	131	36.30	cps
Erbium	164-2	30	27	67	41	53.99	cps
Gadolinium	160-1	183	200	183	189	5.10	cps
Gadolinium	160-2	183	157	160	167	8.72	cps
Holmium	165-1	9157172	8902568	8962764	9007501	1.48	cps
Holmium	165-2	3919288	3875066	3874845	3889733	0.66	cps
Indium	115-1	7809634	7881278	7773992	7821635	0.70	cps
Indium	115-2	1036644	1032280	1026908	1031944	0.47	cps
Iron	54-2	13351	13440	13117	13303	1.25	cps
Iron	56-2	235973	237727	235261	236320	0.54	cps
Iron	57-2	9615	9731	9348	9564	2.06	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-04	Instrumnet Name :	P8
Client Sample ID :	MH1F20	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:13:16	DataFile Name :	108AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1087	1160	1217	1155	5.65	cps
Lead	206-1	500125	507376	505195	504232	0.74	cps
Lead	207-1	438660	438049	431541	436083	0.90	cps
Lead	208-1	1994734	2018699	2010960	2008131	0.61	cps
Lithium	6-1	2947054	2897819	2868125	2904333	1.37	cps
Magnesium	24-2	4351796	4209590	4302031	4287806	1.68	cps
Manganese	55-2	66622	67345	65376	66448	1.50	cps
Molybdenum	94-1	2792	2625	2625	2681	3.59	cps
Molybdenum	95-1	3542	3784	3642	3656	3.32	cps
Molybdenum	96-1	4309	4051	3901	4087	5.06	cps
Molybdenum	97-1	2042	2300	2309	2217	6.84	cps
Molybdenum	98-1	5560	5826	5393	5593	3.91	cps
Neodymium	150-1	173	120	160	151	18.37	cps
Neodymium	150-2	33	30	20	28	24.98	cps
Nickel	60-2	1527	1523	1380	1477	5.67	cps
Phosphorus	31-2	192	225	200	206	8.44	cps
Potassium	39-2	447793	442443	432077	440771	1.81	cps
Rhodium	103-1	7302909	7194156	7296491	7264519	0.84	cps
Rhodium	103-2	3178457	3163702	3187646	3176602	0.38	cps
Scandium	45-1	6080945	5917862	5888473	5962427	1.74	cps
Scandium	45-2	169173	172549	168241	169988	1.33	cps
Selenium	82-1	166	33	-15	61	153.04	cps
Selenium	77-2	0	10	3	4	114.60	cps
Selenium	78-2	56	46	42	48	15.03	cps
Silicon	28-1	26785346	27256066	27851642	27297685	1.96	cps
Silver	107-1	2684	3017	2734	2811	6.40	cps
Silver	109-1	2709	2759	2950	2806	4.55	cps
Sodium	23-2	38681472	38554491	37968823	38401595	0.99	cps
Strontium	86-1	1419945	1450193	1421329	1430489	1.19	cps
Strontium	88-1	11754757	11958023	11943691	11885490	0.95	cps
Sulfur	34-1	2069852	2068507	2040526	2059628	0.80	cps
Terbium	159-1	9718023	9576427	9214122	9502857	2.73	cps
Terbium	159-2	3872491	3846596	3791157	3836748	1.08	cps
Thallium	203-1	1900	1642	1834	1792	7.49	cps
Thallium	205-1	4117	3984	4059	4054	1.65	cps
Tin	118-1	8294	8545	7919	8253	3.81	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-04	Instrumnet Name :	P8
Client Sample ID :	MH1F20	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:13:16	DataFile Name :	108AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1733	2000	1742	1825	8.31	cps
Uranium	238-1	30036	29944	30136	30039	0.32	cps
Vanadium	51-2	447	503	560	503	11.26	cps
Ytterbium	172-1	17	75	50	47	61.97	cps
Ytterbium	172-2	11	17	22	17	33.33	cps
Ytterbium	176-1	1058	917	925	967	8.22	cps
Ytterbium	176-2	5690	5629	5590	5636	0.89	cps
Yttrium	89-1	14540445	14576102	14653847	14590131	0.40	cps
Yttrium	89-2	1399058	1355548	1349822	1368142	1.97	cps
Zinc	66-2	366585	376858	372953	372132	1.39	cps
Zirconium	90-1	1458	1442	1700	1533	9.43	cps
Zirconium	91-1	300	367	233	300	22.22	cps

LB Number : LB117862 Operator : Jaswal
 Lab Sample ID : M5049-05 Instrumnet Name : P8
 Client Sample ID : MH1F22 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-16 18:16:12 DataFile Name : 109AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1307	1301	1236	1282	3.08	cps
Antimony	121-1	72920	73180	73541	73214	0.43	cps
Arsenic	75-2	919	1020	964	968	5.23	cps
Barium	135-1	65426	62495	65191	64371	2.53	cps
Barium	137-1	150840	148637	152044	150507	1.15	cps
Beryllium	9-1	126	96	110	111	13.57	cps
Bismuth	209-1	5168690	5010124	5060706	5079840	1.59	cps
Bismuth	209-2	2572711	2638105	2625458	2612091	1.33	cps
Boron	10-1	9231	9363	10027	9541	4.47	cps
Boron	11-1	44450	45871	48193	46171	4.09	cps
Bromine	81-1	41885	44797	46816	44499	5.57	cps
Cadmium	111-1	7641	7384	7087	7371	3.76	cps
Cadmium	106-1	4076	3867	3884	3942	2.94	cps
Cadmium	108-1	579	592	550	574	3.73	cps
Calcium	43-1	2718137	2682075	2647285	2682499	1.32	cps
Calcium	44-1	43063200	43129381	43269431	43154004	0.24	cps
Carbon	12-1	8671458	9652908	9974147	9432838	7.19	cps
Carbon	12-2	115318	118411	119839	117856	1.96	cps
Chlorine	35-1	6476184	6990545	7508717	6991815	7.38	cps
Chlorine	35-2	50137	54177	53692	52669	4.19	cps
Chromium	52-2	837	900	873	870	3.66	cps
Cobalt	59-2	790	827	740	786	5.54	cps
Copper	63-2	20018	19907	19917	19947	0.31	cps
Dysprosium	156-1	542	525	525	531	1.81	cps
Dysprosium	156-2	247	343	223	271	23.47	cps
Erbium	164-1	100	133	125	119	14.53	cps
Erbium	164-2	27	30	37	31	16.37	cps
Gadolinium	160-1	458	683	583	575	19.61	cps
Gadolinium	160-2	307	343	407	352	14.36	cps
Holmium	165-1	8701703	8841232	9021513	8854816	1.81	cps
Holmium	165-2	3789802	3984289	3797190	3857094	2.86	cps
Indium	115-1	7427561	7358211	7307481	7364418	0.82	cps
Indium	115-2	998324	1044454	1018427	1020402	2.27	cps
Iron	54-2	9431	9403	9381	9405	0.27	cps
Iron	56-2	167586	171443	168462	169164	1.20	cps
Iron	57-2	7541	7641	8191	7791	4.49	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-05	Instrumnet Name :	P8
Client Sample ID :	MH1F22	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:16:12	DataFile Name :	109AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1113	1137	1050	1100	4.08	cps
Lead	206-1	324521	319119	329470	324370	1.60	cps
Lead	207-1	286279	287537	279937	284585	1.43	cps
Lead	208-1	1310615	1311849	1292070	1304845	0.85	cps
Lithium	6-1	2862888	2900939	2996520	2920115	2.36	cps
Magnesium	24-2	4145929	4258101	4179554	4194528	1.37	cps
Manganese	55-2	49522	51610	50532	50555	2.06	cps
Molybdenum	94-1	2359	2167	2209	2245	4.49	cps
Molybdenum	95-1	3842	3325	3334	3501	8.46	cps
Molybdenum	96-1	3959	3601	3742	3767	4.79	cps
Molybdenum	97-1	1984	1975	2300	2086	8.88	cps
Molybdenum	98-1	5201	5485	5176	5287	3.24	cps
Neodymium	150-1	67	73	67	69	5.59	cps
Neodymium	150-2	13	30	23	22	37.76	cps
Nickel	60-2	1460	1410	1407	1426	2.10	cps
Phosphorus	31-2	150	183	200	178	14.32	cps
Potassium	39-2	497567	499457	497457	498160	0.23	cps
Rhodium	103-1	7037684	6729121	6913869	6893558	2.25	cps
Rhodium	103-2	3157576	3193002	3194892	3181823	0.66	cps
Scandium	45-1	5699651	5689391	5508778	5632607	1.91	cps
Scandium	45-2	166781	171905	169744	169477	1.52	cps
Selenium	82-1	121	71	191	128	47.42	cps
Selenium	77-2	3	10	0	4	114.60	cps
Selenium	78-2	40	49	49	46	11.31	cps
Silicon	28-1	25921088	26266903	27047239	26411743	2.18	cps
Silver	107-1	2417	2234	2417	2356	4.49	cps
Silver	109-1	1900	2092	2142	2045	6.24	cps
Sodium	23-2	40029918	40967084	40641987	40546330	1.17	cps
Strontium	86-1	1383353	1299481	1351328	1344720	3.15	cps
Strontium	88-1	11431550	11405025	11916426	11584334	2.49	cps
Sulfur	34-1	2000435	1999549	1962553	1987512	1.09	cps
Terbium	159-1	9044039	9114973	9115010	9091341	0.45	cps
Terbium	159-2	3750408	3753474	3792763	3765548	0.63	cps
Thallium	203-1	1709	1842	1734	1761	4.02	cps
Thallium	205-1	4167	3859	3984	4004	3.87	cps
Tin	118-1	3784	4418	4267	4156	7.97	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-05	Instrumnet Name :	P8
Client Sample ID :	MH1F22	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:16:12	DataFile Name :	109AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1250	1175	1158	1195	4.09	cps
Uranium	238-1	28424	26395	27681	27500	3.73	cps
Vanadium	51-2	420	387	457	421	8.31	cps
Ytterbium	172-1	25	50	33	36	35.25	cps
Ytterbium	172-2	28	11	28	22	43.31	cps
Ytterbium	176-1	1067	975	983	1008	5.03	cps
Ytterbium	176-2	5107	5357	5629	5364	4.87	cps
Yttrium	89-1	13952382	14277770	14168529	14132894	1.17	cps
Yttrium	89-2	1345183	1351956	1345862	1347667	0.28	cps
Zinc	66-2	323563	332417	336652	330877	2.02	cps
Zirconium	90-1	1350	1158	1050	1186	12.81	cps
Zirconium	91-1	392	258	250	300	26.50	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-06	Instrumnet Name :	P8
Client Sample ID :	MH1F24	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:19:10	DataFile Name :	110AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3556	3589	3639	3595	1.16	cps
Antimony	121-1	91313	91474	93294	92027	1.20	cps
Arsenic	75-2	1644	1716	1721	1694	2.54	cps
Barium	135-1	65694	65945	64086	65242	1.55	cps
Barium	137-1	150362	152579	149313	150751	1.11	cps
Beryllium	9-1	114	108	110	111	2.76	cps
Bismuth	209-1	4834907	5059826	5263657	5052796	4.24	cps
Bismuth	209-2	2644204	2585257	2694645	2641369	2.07	cps
Boron	10-1	8209	8835	8671	8572	3.79	cps
Boron	11-1	39562	41420	42654	41212	3.78	cps
Bromine	81-1	43653	46385	47771	45936	4.56	cps
Cadmium	111-1	9478	9035	9113	9209	2.57	cps
Cadmium	106-1	4334	4126	4259	4240	2.49	cps
Cadmium	108-1	692	746	579	672	12.65	cps
Calcium	43-1	2772914	2781965	2836420	2797100	1.23	cps
Calcium	44-1	44153646	46285968	45266712	45235442	2.36	cps
Carbon	12-1	8790943	9474686	10105556	9457062	6.95	cps
Carbon	12-2	116891	117110	114389	116130	1.30	cps
Chlorine	35-1	6543358	7090070	7556022	7063150	7.18	cps
Chlorine	35-2	49209	52086	52838	51378	3.73	cps
Chromium	52-2	1243	1163	1297	1235	5.44	cps
Cobalt	59-2	1590	1543	1560	1565	1.51	cps
Copper	63-2	33416	33476	33804	33565	0.62	cps
Dysprosium	156-1	258	225	300	261	14.39	cps
Dysprosium	156-2	97	107	103	102	4.98	cps
Erbium	164-1	167	142	167	158	9.12	cps
Erbium	164-2	33	100	50	61	56.78	cps
Gadolinium	160-1	183	233	233	217	13.32	cps
Gadolinium	160-2	167	170	173	170	1.96	cps
Holmium	165-1	8585579	8584711	9237084	8802458	4.28	cps
Holmium	165-2	3813833	3810859	3862783	3829158	0.76	cps
Indium	115-1	7140574	7263989	7723607	7376057	4.17	cps
Indium	115-2	1015805	992985	1005906	1004899	1.14	cps
Iron	54-2	31886	32343	32543	32257	1.04	cps
Iron	56-2	561879	583689	580175	575248	2.04	cps
Iron	57-2	18401	17706	18490	18199	2.36	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-06	Instrumnet Name :	P8
Client Sample ID :	MH1F24	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:19:10	DataFile Name :	110AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1153	1170	1183	1169	1.29	cps
Lead	206-1	813962	819289	821195	818149	0.46	cps
Lead	207-1	721691	724509	729405	725202	0.54	cps
Lead	208-1	3459036	3470286	3467226	3465516	0.17	cps
Lithium	6-1	2762988	2737248	2938875	2813037	3.90	cps
Magnesium	24-2	4510232	4510495	4479017	4499915	0.40	cps
Manganese	55-2	101043	100979	100468	100830	0.31	cps
Molybdenum	94-1	2059	2100	2284	2147	5.58	cps
Molybdenum	95-1	2967	3084	2842	2964	4.08	cps
Molybdenum	96-1	3267	3175	3275	3239	1.71	cps
Molybdenum	97-1	2125	1950	2000	2025	4.45	cps
Molybdenum	98-1	4984	5059	4684	4909	4.04	cps
Neodymium	150-1	220	260	287	256	13.13	cps
Neodymium	150-2	57	67	67	63	9.12	cps
Nickel	60-2	1333	1373	1350	1352	1.49	cps
Phosphorus	31-2	267	308	250	275	10.92	cps
Potassium	39-2	458116	451191	448337	452548	1.11	cps
Rhodium	103-1	6671852	6972764	7318861	6987826	4.63	cps
Rhodium	103-2	3101445	3009817	3045103	3052122	1.51	cps
Scandium	45-1	5378999	5619035	5834285	5610773	4.06	cps
Scandium	45-2	166428	165839	172441	168236	2.17	cps
Selenium	82-1	121	103	78	101	21.32	cps
Selenium	77-2	0	3	7	3	100.05	cps
Selenium	78-2	56	59	43	53	16.16	cps
Silicon	28-1	27788640	27616691	28273311	27892881	1.22	cps
Silver	107-1	4601	4584	4776	4654	2.28	cps
Silver	109-1	4451	4409	4601	4487	2.25	cps
Sodium	23-2	39654050	39648903	40404098	39902350	1.09	cps
Strontium	86-1	1403940	1413485	1411020	1409482	0.35	cps
Strontium	88-1	11932302	12101696	12247949	12093982	1.31	cps
Sulfur	34-1	2067183	2073865	2070789	2070612	0.16	cps
Terbium	159-1	8909732	9037384	9626907	9191341	4.16	cps
Terbium	159-2	3754733	3780062	3810537	3781777	0.74	cps
Thallium	203-1	2092	2284	2167	2181	4.43	cps
Thallium	205-1	5460	5451	4943	5285	5.60	cps
Tin	118-1	4259	4251	3959	4156	4.11	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-06	Instrumnet Name :	P8
Client Sample ID :	MH1F24	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:19:10	DataFile Name :	110AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2042	1917	2042	2000	3.61	cps
Uranium	238-1	28374	29251	28290	28638	1.86	cps
Vanadium	51-2	637	680	583	633	7.65	cps
Ytterbium	172-1	50	92	25	56	60.62	cps
Ytterbium	172-2	39	39	28	35	18.23	cps
Ytterbium	176-1	833	942	925	900	6.48	cps
Ytterbium	176-2	5301	5401	5601	5435	2.81	cps
Yttrium	89-1	13967365	14183282	14860290	14336979	3.25	cps
Yttrium	89-2	1343842	1331810	1346524	1340725	0.58	cps
Zinc	66-2	410815	417130	419035	415660	1.04	cps
Zirconium	90-1	1433	1400	1650	1495	9.08	cps
Zirconium	91-1	283	317	383	328	15.54	cps

LB Number : LB117862 Operator : Jaswal
 Lab Sample ID : M5049-07 Instrumnet Name : P8
 Client Sample ID : MH1F26 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-16 18:22:06 DataFile Name : 111AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2904	2874	2801	2860	1.84	cps
Antimony	121-1	93218	95785	96911	95305	1.99	cps
Arsenic	75-2	1583	1631	1678	1631	2.91	cps
Barium	135-1	66865	67134	68206	67402	1.05	cps
Barium	137-1	155317	157616	159198	157377	1.24	cps
Beryllium	9-1	122	104	140	122	14.75	cps
Bismuth	209-1	4021851	4784599	5251226	4685892	13.24	cps
Bismuth	209-2	2799983	2769884	2727465	2765777	1.32	cps
Boron	10-1	8547	9031	9571	9050	5.66	cps
Boron	11-1	40398	45614	46458	44157	7.43	cps
Bromine	81-1	39285	45219	47550	44018	9.68	cps
Cadmium	111-1	9554	9264	9468	9429	1.58	cps
Cadmium	106-1	3642	4326	4217	4062	9.04	cps
Cadmium	108-1	708	592	717	672	10.40	cps
Calcium	43-1	2966379	2946519	3015570	2976156	1.19	cps
Calcium	44-1	46338866	46433337	47546839	46773014	1.44	cps
Carbon	12-1	8484695	8845190	9425473	8918453	5.32	cps
Carbon	12-2	108007	106318	107979	107435	0.90	cps
Chlorine	35-1	6860672	7357127	8003209	7407003	7.73	cps
Chlorine	35-2	52538	54955	55800	54431	3.11	cps
Chromium	52-2	1403	1190	1180	1258	10.03	cps
Cobalt	59-2	883	893	887	888	0.57	cps
Copper	63-2	35575	35150	35026	35251	0.82	cps
Dysprosium	156-1	275	142	175	197	35.18	cps
Dysprosium	156-2	120	57	83	87	36.69	cps
Erbium	164-1	125	217	158	167	27.84	cps
Erbium	164-2	53	40	43	46	15.23	cps
Gadolinium	160-1	325	300	217	281	20.22	cps
Gadolinium	160-2	143	193	160	166	15.38	cps
Holmium	165-1	7043665	8240301	9219774	8167913	13.34	cps
Holmium	165-2	3981666	4102397	4034366	4039476	1.50	cps
Indium	115-1	5905706	7171145	7712592	6929814	13.38	cps
Indium	115-2	1072241	1067777	1059454	1066491	0.61	cps
Iron	54-2	18596	18774	18829	18733	0.65	cps
Iron	56-2	334100	338053	337216	336456	0.62	cps
Iron	57-2	12539	12311	12589	12480	1.19	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-07	Instrumnet Name :	P8
Client Sample ID :	MH1F26	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:22:06	DataFile Name :	111AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1190	1217	1150	1186	2.83	cps
Lead	206-1	713433	727398	734593	725141	1.48	cps
Lead	207-1	625919	631426	627321	628222	0.46	cps
Lead	208-1	2915292	2902159	3040019	2952490	2.58	cps
Lithium	6-1	2325575	2710716	2965720	2667337	12.08	cps
Magnesium	24-2	4448040	4522783	4437522	4469448	1.04	cps
Manganese	55-2	72406	74041	72206	72884	1.38	cps
Molybdenum	94-1	2800	2842	2609	2750	4.53	cps
Molybdenum	95-1	3701	3417	3709	3609	4.60	cps
Molybdenum	96-1	3934	3709	4317	3987	7.72	cps
Molybdenum	97-1	2117	2259	2259	2211	3.70	cps
Molybdenum	98-1	5610	5543	5476	5543	1.20	cps
Neodymium	150-1	153	187	120	153	21.74	cps
Neodymium	150-2	57	23	40	40	41.68	cps
Nickel	60-2	1303	1300	1353	1319	2.27	cps
Phosphorus	31-2	225	258	258	247	7.78	cps
Potassium	39-2	468110	473485	455728	465774	1.95	cps
Rhodium	103-1	5512432	6631955	7157956	6434115	13.06	cps
Rhodium	103-2	3345854	3208719	3270819	3275131	2.10	cps
Scandium	45-1	4491795	5547303	6092370	5377156	15.13	cps
Scandium	45-2	178018	177105	180645	178590	1.03	cps
Selenium	82-1	81	3	102	62	84.55	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	50	38	47	45	13.89	cps
Silicon	28-1	28244682	28244711	29051441	28513611	1.63	cps
Silver	107-1	4593	4434	4684	4570	2.77	cps
Silver	109-1	4167	4276	4326	4256	1.90	cps
Sodium	23-2	39602507	40075161	39938493	39872054	0.61	cps
Strontium	86-1	1500359	1452391	1479186	1477312	1.63	cps
Strontium	88-1	12433563	12363650	12451855	12416356	0.37	cps
Sulfur	34-1	2143903	2135408	2194720	2158010	1.49	cps
Terbium	159-1	7230321	8408369	9631658	8423449	14.25	cps
Terbium	159-2	3953277	3850939	3925394	3909870	1.35	cps
Thallium	203-1	1759	1708	1784	1750	2.18	cps
Thallium	205-1	4601	4151	4568	4440	5.65	cps
Tin	118-1	6835	7527	7361	7241	4.99	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-07	Instrumnet Name :	P8
Client Sample ID :	MH1F26	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:22:06	DataFile Name :	111AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1917	1859	2059	1945	5.29	cps
Uranium	238-1	30145	31356	32492	31331	3.75	cps
Vanadium	51-2	500	577	500	526	8.42	cps
Ytterbium	172-1	83	42	50	58	37.80	cps
Ytterbium	172-2	11	22	28	20	41.67	cps
Ytterbium	176-1	792	992	900	895	11.19	cps
Ytterbium	176-2	5662	5651	6235	5850	5.71	cps
Yttrium	89-1	11304001	13598409	14801854	13234755	13.43	cps
Yttrium	89-2	1413760	1439763	1395830	1416451	1.56	cps
Zinc	66-2	405392	399389	404477	403086	0.80	cps
Zirconium	90-1	1225	1567	1692	1495	16.17	cps
Zirconium	91-1	317	308	358	328	8.17	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	CCV068	Instrumnet Name :	P8
Client Sample ID :	CCV068	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:25:03	DataFile Name :	112CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1975939	2029950	2002541	2002810	1.35	cps
Antimony	121-1	2336211	2377866	2347760	2353945	0.91	cps
Arsenic	75-2	64730	64457	64673	64620	0.22	cps
Barium	135-1	3087094	3221627	3180843	3163188	2.18	cps
Barium	137-1	7173456	7454215	7249264	7292312	1.99	cps
Beryllium	9-1	628824	656271	652421	645839	2.30	cps
Bismuth	209-1	5113320	5137965	5167986	5139757	0.53	cps
Bismuth	209-2	2711420	2735645	2612173	2686412	2.44	cps
Boron	10-1	57296	61904	64705	61302	6.10	cps
Boron	11-1	279087	299944	312082	297038	5.62	cps
Bromine	81-1	22461	22331	23164	22652	1.98	cps
Cadmium	111-1	558441	569372	558838	562217	1.10	cps
Cadmium	106-1	63800	67181	66453	65811	2.70	cps
Cadmium	108-1	45258	44384	44756	44799	0.98	cps
Calcium	43-1	4482398	4426936	4663656	4524330	2.74	cps
Calcium	44-1	71363967	73352544	73458225	72724912	1.62	cps
Carbon	12-1	6523903	6821504	6855473	6733626	2.71	cps
Carbon	12-2	79064	77756	78537	78452	0.84	cps
Chlorine	35-1	3903837	3811137	3704699	3806558	2.62	cps
Chlorine	35-2	20548	19414	18863	19608	4.38	cps
Chromium	52-2	730980	734774	731119	732291	0.29	cps
Cobalt	59-2	1285801	1305734	1301991	1297842	0.82	cps
Copper	63-2	9902443	10016062	9540283	9819596	2.53	cps
Dysprosium	156-1	442	542	492	492	10.17	cps
Dysprosium	156-2	280	263	230	258	9.88	cps
Erbium	164-1	183	250	158	197	24.03	cps
Erbium	164-2	90	77	83	83	8.00	cps
Gadolinium	160-1	483	583	642	569	14.06	cps
Gadolinium	160-2	347	373	240	320	22.05	cps
Holmium	165-1	9186637	9011131	9572794	9256854	3.10	cps
Holmium	165-2	4228262	3990274	3957949	4058828	3.64	cps
Indium	115-1	7870714	7840576	7873293	7861528	0.23	cps
Indium	115-2	1041937	1042956	1027613	1037502	0.83	cps
Iron	54-2	7497136	7614824	7562447	7558135	0.78	cps
Iron	56-2	140376073	138704956	138090650	139057226	0.85	cps
Iron	57-2	3550313	3463137	3420468	3477972	1.90	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	CCV068	Instrumnet Name :	P8
Client Sample ID :	CCV068	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:25:03	DataFile Name :	112CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1083	1197	1130	1137	5.01	cps
Lead	206-1	8707378	8707994	8812497	8742623	0.69	cps
Lead	207-1	7447330	7875207	7572508	7631682	2.88	cps
Lead	208-1	34335289	35254186	34884946	34824807	1.33	cps
Lithium	6-1	2806704	2957008	2969486	2911066	3.11	cps
Magnesium	24-2	29687191	30007037	29441612	29711947	0.95	cps
Manganese	55-2	3608042	3612465	3552620	3591042	0.93	cps
Molybdenum	94-1	9932776	10142738	10224206	10099907	1.49	cps
Molybdenum	95-1	14486317	14501397	15087838	14691851	2.33	cps
Molybdenum	96-1	16124513	16427782	16041730	16198008	1.25	cps
Molybdenum	97-1	8692513	9014948	9062069	8923177	2.25	cps
Molybdenum	98-1	22978400	23076482	24106358	23387080	2.67	cps
Neodymium	150-1	333	367	313	338	7.98	cps
Neodymium	150-2	60	73	43	59	25.53	cps
Nickel	60-2	352318	346399	350151	349622	0.86	cps
Phosphorus	31-2	20707	20073	20565	20448	1.63	cps
Potassium	39-2	10227708	10530946	10462604	10407086	1.53	cps
Rhodium	103-1	7127405	7227703	7448205	7267771	2.26	cps
Rhodium	103-2	3162652	3115359	3040045	3106019	1.99	cps
Scandium	45-1	5757010	5949047	6012273	5906110	2.25	cps
Scandium	45-2	180637	176736	169798	175723	3.12	cps
Selenium	82-1	46074	47189	46573	46612	1.20	cps
Selenium	77-2	1247	1203	1350	1267	5.95	cps
Selenium	78-2	4316	4151	4260	4242	1.98	cps
Silicon	28-1	2512300	2717452	2754410	2661387	4.90	cps
Silver	107-1	3016989	3097868	3054594	3056484	1.32	cps
Silver	109-1	2875966	2939969	3024845	2946927	2.53	cps
Sodium	23-2	56424745	58703233	56803233	57310403	2.13	cps
Strontium	86-1	8914225	9383661	9103891	9133926	2.59	cps
Strontium	88-1	76876766	82182408	77248533	78769236	3.76	cps
Sulfur	34-1	670809	677005	683703	677172	0.95	cps
Terbium	159-1	9657896	9712039	9968614	9779516	1.70	cps
Terbium	159-2	3926817	4024976	3794004	3915266	2.96	cps
Thallium	203-1	2144851	2159661	2226795	2177102	2.01	cps
Thallium	205-1	5006280	4969226	5173961	5049822	2.16	cps
Tin	118-1	2073773	2108626	2102847	2095082	0.89	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	CCV068	Instrumnet Name :	P8
Client Sample ID :	CCV068	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:25:03	DataFile Name :	112CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4556762	4766701	4669953	4664472	2.25	cps
Uranium	238-1	6625057	6678372	6702355	6668595	0.59	cps
Vanadium	51-2	587378	602334	598378	596030	1.30	cps
Ytterbium	172-1	67	42	67	58	24.74	cps
Ytterbium	172-2	28	39	22	30	28.65	cps
Ytterbium	176-1	9679	10062	9837	9860	1.96	cps
Ytterbium	176-2	9353	10004	9882	9746	3.55	cps
Yttrium	89-1	14816426	15350460	14914960	15027282	1.89	cps
Yttrium	89-2	1413626	1434537	1381980	1410048	1.88	cps
Zinc	66-2	980036	990884	998784	989901	0.95	cps
Zirconium	90-1	4860288	4920645	5010285	4930406	1.53	cps
Zirconium	91-1	1073249	1095405	1091563	1086739	1.09	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	CCB068	Instrumnet Name :	P8
Client Sample ID :	CCB068	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:31:02	DataFile Name :	113CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	144	115	136	132	11.32	cps
Antimony	121-1	592	458	650	567	17.34	cps
Arsenic	75-2	9	7	17	11	48.10	cps
Barium	135-1	50	58	108	72	43.69	cps
Barium	137-1	172	160	215	182	15.91	cps
Beryllium	9-1	180	180	182	181	0.64	cps
Bismuth	209-1	5380983	5084921	5322975	5262960	2.98	cps
Bismuth	209-2	2842835	2714002	2853046	2803294	2.76	cps
Boron	10-1	3432	3280	3104	3272	5.02	cps
Boron	11-1	16046	15773	14897	15572	3.86	cps
Bromine	81-1	17910	19183	18351	18481	3.50	cps
Cadmium	111-1	349	325	341	338	3.71	cps
Cadmium	106-1	3384	2850	3134	3123	8.55	cps
Cadmium	108-1	38	21	50	36	40.53	cps
Calcium	43-1	300	276	346	307	11.58	cps
Calcium	44-1	20968	20675	21600	21081	2.24	cps
Carbon	12-1	4445334	4279672	4399888	4374965	1.96	cps
Carbon	12-2	46391	48071	46483	46982	2.01	cps
Chlorine	35-1	1691399	1633220	1577987	1634202	3.47	cps
Chlorine	35-2	9737	9378	9011	9376	3.87	cps
Chromium	52-2	587	540	517	548	6.51	cps
Cobalt	59-2	87	110	73	90	20.62	cps
Copper	63-2	850	850	833	844	1.14	cps
Dysprosium	156-1	50	8	0	19	137.78	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	8	67	50	42	72.12	cps
Erbium	164-2	43	23	20	29	43.68	cps
Gadolinium	160-1	50	42	100	64	49.38	cps
Gadolinium	160-2	80	37	67	61	36.31	cps
Holmium	165-1	9029743	8590300	8960702	8860248	2.67	cps
Holmium	165-2	3952130	3778035	3908980	3879715	2.34	cps
Indium	115-1	7851704	7313446	8007357	7724169	4.71	cps
Indium	115-2	1050987	1030377	1046424	1042596	1.04	cps
Iron	54-2	478	528	533	513	5.97	cps
Iron	56-2	5379	4718	4734	4944	7.63	cps
Iron	57-2	217	272	189	226	18.78	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	CCB068	Instrumnet Name :	P8
Client Sample ID :	CCB068	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:31:02	DataFile Name :	113CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1110	1160	1217	1162	4.59	cps
Lead	206-1	906	995	1061	987	7.91	cps
Lead	207-1	950	850	950	917	6.30	cps
Lead	208-1	3756	3845	4134	3911	5.05	cps
Lithium	6-1	2962548	2778168	2861678	2867465	3.22	cps
Magnesium	24-2	1125	1025	1142	1097	5.75	cps
Manganese	55-2	120	103	90	104	14.39	cps
Molybdenum	94-1	600	542	683	608	11.70	cps
Molybdenum	95-1	508	317	525	450	25.73	cps
Molybdenum	96-1	575	608	725	636	12.38	cps
Molybdenum	97-1	367	250	300	306	19.16	cps
Molybdenum	98-1	758	583	783	708	15.39	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	43	47	47	46	4.23	cps
Phosphorus	31-2	75	50	75	67	21.65	cps
Potassium	39-2	15751	15542	15609	15634	0.68	cps
Rhodium	103-1	7140156	6891772	7238914	7090281	2.52	cps
Rhodium	103-2	3302324	3189624	3275720	3255889	1.81	cps
Scandium	45-1	5620902	5414241	5725657	5586933	2.84	cps
Scandium	45-2	171739	169726	169090	170185	0.81	cps
Selenium	82-1	-7	-53	-140	-67	-101.13	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	23	31	28	27	14.79	cps
Silicon	28-1	548626	536431	539059	541372	1.19	cps
Silver	107-1	483	375	317	392	21.59	cps
Silver	109-1	242	342	300	294	17.06	cps
Sodium	23-2	23536	24404	23670	23870	1.96	cps
Strontium	86-1	1792	1700	2092	1861	11.01	cps
Strontium	88-1	1575	1075	2376	1675	39.16	cps
Sulfur	34-1	363249	366623	372435	367436	1.26	cps
Terbium	159-1	9149461	8864945	9408955	9141120	2.98	cps
Terbium	159-2	3839662	3770062	3801230	3803651	0.92	cps
Thallium	203-1	667	733	833	744	11.27	cps
Thallium	205-1	1800	1533	1784	1706	8.76	cps
Tin	118-1	16761	16936	17637	17111	2.71	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	CCB068	Instrumnet Name :	P8
Client Sample ID :	CCB068	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:31:02	DataFile Name :	113CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	175	250	275	233	22.30	cps
Uranium	238-1	100	125	142	122	17.16	cps
Vanadium	51-2	13	17	10	13	25.01	cps
Ytterbium	172-1	8	17	50	25	88.19	cps
Ytterbium	172-2	0	6	11	6	99.97	cps
Ytterbium	176-1	700	767	725	731	4.61	cps
Ytterbium	176-2	5407	5707	5629	5581	2.79	cps
Yttrium	89-1	14172476	13817861	14246274	14078870	1.63	cps
Yttrium	89-2	1418093	1329136	1351964	1366398	3.38	cps
Zinc	66-2	103	150	120	124	19.00	cps
Zirconium	90-1	975	700	808	828	16.73	cps
Zirconium	91-1	117	167	192	158	24.12	cps

LB Number : LB117862 Operator : Jaswal
 Lab Sample ID : M5049-08 Instrumnet Name : P8
 Client Sample ID : MH1F28 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-16 18:34:04 DataFile Name : 114AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	223433	217616	217710	219587	1.52	cps
Antimony	121-1	20858	21250	21442	21184	1.41	cps
Arsenic	75-2	1669	1592	1626	1629	2.37	cps
Barium	135-1	289523	292193	298567	293427	1.58	cps
Barium	137-1	666432	689752	690322	682169	2.00	cps
Beryllium	9-1	590	556	570	572	2.99	cps
Bismuth	209-1	5006215	5076693	5079078	5053995	0.82	cps
Bismuth	209-2	2781986	2769944	2700243	2750725	1.60	cps
Boron	10-1	6016	6386	6148	6183	3.03	cps
Boron	11-1	28951	29949	30802	29901	3.10	cps
Bromine	81-1	47580	56261	60854	54898	12.28	cps
Cadmium	111-1	2245	2248	2189	2227	1.48	cps
Cadmium	106-1	3326	3692	3509	3509	5.23	cps
Cadmium	108-1	192	238	171	200	17.05	cps
Calcium	43-1	959502	961519	972716	964579	0.74	cps
Calcium	44-1	15491440	15382937	15296532	15390303	0.63	cps
Carbon	12-1	10858676	11919720	12656108	11811501	7.65	cps
Carbon	12-2	143305	146544	150802	146884	2.56	cps
Chlorine	35-1	1573881	1633040	1694974	1633965	3.71	cps
Chlorine	35-2	9995	9929	10112	10012	0.93	cps
Chromium	52-2	10881	10744	10554	10726	1.53	cps
Cobalt	59-2	6722	6465	6485	6557	2.18	cps
Copper	63-2	48757	48620	48751	48709	0.16	cps
Dysprosium	156-1	5184	5651	5626	5487	4.79	cps
Dysprosium	156-2	2174	2264	2280	2239	2.56	cps
Erbium	164-1	3951	4001	3901	3951	1.27	cps
Erbium	164-2	1547	1513	1650	1570	4.54	cps
Gadolinium	160-1	4434	4809	4768	4670	4.40	cps
Gadolinium	160-2	2157	2304	2290	2250	3.61	cps
Holmium	165-1	8791635	8768320	8561468	8707141	1.46	cps
Holmium	165-2	3911843	3885447	3923240	3906844	0.50	cps
Indium	115-1	7331009	7479697	7557161	7455955	1.54	cps
Indium	115-2	1012811	1041893	1058831	1037845	2.24	cps
Iron	54-2	376378	375527	382778	378228	1.05	cps
Iron	56-2	7021029	7072576	6837487	6977031	1.77	cps
Iron	57-2	173246	169077	167165	169829	1.83	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-08	Instrumnet Name :	P8
Client Sample ID :	MH1F28	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:34:04	DataFile Name :	114AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1193	1010	1060	1088	8.71	cps
Lead	206-1	771220	797176	803510	790635	2.16	cps
Lead	207-1	682827	696374	681860	687020	1.18	cps
Lead	208-1	3262839	3288926	3302007	3284591	0.61	cps
Lithium	6-1	2901836	2933032	2893030	2909299	0.72	cps
Magnesium	24-2	1501831	1478685	1477280	1485932	0.93	cps
Manganese	55-2	131656	130746	128231	130211	1.36	cps
Molybdenum	94-1	11722	12589	12398	12236	3.72	cps
Molybdenum	95-1	1550	1617	1642	1603	2.96	cps
Molybdenum	96-1	3842	3426	3667	3645	5.74	cps
Molybdenum	97-1	883	958	817	886	8.00	cps
Molybdenum	98-1	2384	2584	2600	2523	4.78	cps
Neodymium	150-1	9290	10171	10478	9979	6.18	cps
Neodymium	150-2	2984	3057	3240	3094	4.27	cps
Nickel	60-2	2684	2800	2617	2700	3.44	cps
Phosphorus	31-2	1433	1475	1492	1467	2.05	cps
Potassium	39-2	452796	440434	455693	449641	1.80	cps
Rhodium	103-1	7029058	7164066	7204272	7132465	1.29	cps
Rhodium	103-2	3067664	3122693	3296758	3162372	3.78	cps
Scandium	45-1	5711720	5686486	5651596	5683267	0.53	cps
Scandium	45-2	169872	171403	170891	170722	0.46	cps
Selenium	82-1	-51	165	113	76	149.38	cps
Selenium	77-2	7	13	20	13	49.99	cps
Selenium	78-2	55	58	49	54	8.48	cps
Silicon	28-1	111016882	112328240	110876194	111407105	0.72	cps
Silver	107-1	7294	7853	7661	7602	3.73	cps
Silver	109-1	6610	7185	7552	7116	6.67	cps
Sodium	23-2	3683926	3726293	3626034	3678751	1.37	cps
Strontium	86-1	509980	513896	529427	517768	1.99	cps
Strontium	88-1	4437132	4379610	4432859	4416533	0.73	cps
Sulfur	34-1	490140	487891	479824	485951	1.12	cps
Terbium	159-1	8981373	9019869	9173179	9058140	1.12	cps
Terbium	159-2	3722159	3761412	3860173	3781248	1.88	cps
Thallium	203-1	1283	1342	1342	1322	2.55	cps
Thallium	205-1	3184	3134	3150	3156	0.81	cps
Tin	118-1	4334	4459	4192	4329	3.08	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-08	Instrumnet Name :	P8
Client Sample ID :	MH1F28	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:34:04	DataFile Name :	114AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	155955	157243	171348	161516	5.29	cps
Uranium	238-1	28700	28875	29986	29187	2.39	cps
Vanadium	51-2	31111	30680	29370	30387	2.98	cps
Ytterbium	172-1	1183	1267	1167	1206	4.44	cps
Ytterbium	172-2	700	611	761	691	10.92	cps
Ytterbium	176-1	1725	1608	1759	1697	4.64	cps
Ytterbium	176-2	5473	6418	6574	6155	9.68	cps
Yttrium	89-1	14287901	14327275	14270040	14295072	0.20	cps
Yttrium	89-2	1351865	1403398	1389520	1381595	1.93	cps
Zinc	66-2	46092	45640	45627	45786	0.58	cps
Zirconium	90-1	31396	33709	33486	32864	3.88	cps
Zirconium	91-1	7302	7294	7511	7369	1.67	cps

LB Number : LB117862 Operator : Jaswal
 Lab Sample ID : M5049-09 Instrumnet Name : P8
 Client Sample ID : MH1F30 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-16 18:37:06 DataFile Name : 115AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4245	4303	4270	4273	0.67	cps
Antimony	121-1	107715	108218	108782	108238	0.49	cps
Arsenic	75-2	2202	2229	2214	2215	0.61	cps
Barium	135-1	68951	68357	70258	69189	1.41	cps
Barium	137-1	161234	159137	164909	161760	1.81	cps
Beryllium	9-1	140	128	132	133	4.58	cps
Bismuth	209-1	5049370	4545627	4268699	4621232	8.56	cps
Bismuth	209-2	2692896	2647535	2625281	2655237	1.30	cps
Boron	10-1	9809	10418	10556	10261	3.87	cps
Boron	11-1	46191	49018	51736	48982	5.66	cps
Bromine	81-1	43833	47359	51678	47623	8.25	cps
Cadmium	111-1	8844	8735	9116	8898	2.20	cps
Cadmium	106-1	4159	3792	3367	3773	10.50	cps
Cadmium	108-1	575	688	558	607	11.58	cps
Calcium	43-1	2784073	2853920	2921644	2853213	2.41	cps
Calcium	44-1	44437285	44960565	46406107	45267986	2.25	cps
Carbon	12-1	8340043	9471522	9788921	9200162	8.28	cps
Carbon	12-2	109703	110322	113481	111169	1.82	cps
Chlorine	35-1	3220378	3743487	4154079	3705981	12.63	cps
Chlorine	35-2	30049	32512	33832	32131	5.98	cps
Chromium	52-2	1123	1010	1220	1118	9.40	cps
Cobalt	59-2	1000	1067	980	1016	4.47	cps
Copper	63-2	47111	46259	46995	46788	0.99	cps
Dysprosium	156-1	233	308	308	283	15.28	cps
Dysprosium	156-2	157	160	137	151	8.35	cps
Erbium	164-1	233	142	217	197	24.76	cps
Erbium	164-2	73	63	50	62	18.81	cps
Gadolinium	160-1	333	308	383	342	11.18	cps
Gadolinium	160-2	157	253	207	206	23.52	cps
Holmium	165-1	9166433	8232125	7270197	8222918	11.53	cps
Holmium	165-2	3971747	3919084	3756553	3882461	2.89	cps
Indium	115-1	7694962	6934587	6198092	6942547	10.78	cps
Indium	115-2	1033837	1033239	1017129	1028068	0.92	cps
Iron	54-2	28863	29475	28985	29108	1.11	cps
Iron	56-2	530878	531744	524239	528954	0.78	cps
Iron	57-2	16794	16671	16721	16729	0.37	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-09	Instrumnet Name :	P8
Client Sample ID :	MH1F30	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:37:06	DataFile Name :	115AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1087	1167	1160	1138	3.90	cps
Lead	206-1	1051134	1033824	1047513	1044157	0.87	cps
Lead	207-1	908431	904705	914060	909065	0.52	cps
Lead	208-1	4366352	4295763	4357625	4339913	0.89	cps
Lithium	6-1	2978417	2766232	2512710	2752453	8.47	cps
Magnesium	24-2	4247457	4349085	4393793	4330112	1.73	cps
Manganese	55-2	83886	85414	83614	84304	1.15	cps
Molybdenum	94-1	2617	2517	2675	2603	3.08	cps
Molybdenum	95-1	3209	3200	3225	3212	0.40	cps
Molybdenum	96-1	3934	3676	3642	3751	4.26	cps
Molybdenum	97-1	2042	2059	2275	2125	6.13	cps
Molybdenum	98-1	5218	5343	5093	5218	2.40	cps
Neodymium	150-1	233	267	327	276	17.17	cps
Neodymium	150-2	110	87	120	106	16.20	cps
Nickel	60-2	1373	1497	1287	1386	7.62	cps
Phosphorus	31-2	250	267	250	256	3.77	cps
Potassium	39-2	547263	544393	544364	545340	0.31	cps
Rhodium	103-1	7247643	6506788	5690658	6481696	12.02	cps
Rhodium	103-2	3125038	3139355	3077641	3114011	1.04	cps
Scandium	45-1	5773978	5167665	4836502	5259382	9.04	cps
Scandium	45-2	173189	171025	172229	172148	0.63	cps
Selenium	82-1	114	124	111	116	5.97	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	48	48	52	49	4.68	cps
Silicon	28-1	27761628	28352320	29170844	28428264	2.49	cps
Silver	107-1	7227	7135	7077	7146	1.06	cps
Silver	109-1	6502	6452	7110	6688	5.48	cps
Sodium	23-2	42909579	42626778	41652191	42396183	1.56	cps
Strontium	86-1	1409984	1361601	1424632	1398739	2.36	cps
Strontium	88-1	11615111	11321749	11919499	11618787	2.57	cps
Sulfur	34-1	1985543	1977944	2042706	2002065	1.77	cps
Terbium	159-1	9482319	8389765	7597268	8489784	11.15	cps
Terbium	159-2	3876268	3985012	3823001	3894760	2.12	cps
Thallium	203-1	1842	1608	1784	1745	6.96	cps
Thallium	205-1	4451	4201	3917	4190	6.37	cps
Tin	118-1	4451	4292	4418	4387	1.90	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-09	Instrumnet Name :	P8
Client Sample ID :	MH1F30	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:37:06	DataFile Name :	115AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2834	2700	2825	2786	2.68	cps
Uranium	238-1	30863	29301	29627	29930	2.75	cps
Vanadium	51-2	663	723	757	714	6.62	cps
Ytterbium	172-1	50	58	133	81	56.98	cps
Ytterbium	172-2	17	50	28	31	53.90	cps
Ytterbium	176-1	1025	750	717	831	20.37	cps
Ytterbium	176-2	5573	5913	5707	5731	2.98	cps
Yttrium	89-1	14325631	13102746	11657316	13028564	10.25	cps
Yttrium	89-2	1400383	1353910	1348973	1367756	2.07	cps
Zinc	66-2	393960	391066	390160	391729	0.51	cps
Zirconium	90-1	1959	1909	1483	1784	14.64	cps
Zirconium	91-1	425	450	483	453	6.46	cps

LB Number : LB117862 Operator : Jaswal
 Lab Sample ID : M5049-10 Instrumnet Name : P8
 Client Sample ID : MH1F32 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-16 18:40:02 DataFile Name : 116AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	304	320	324	316	3.36	cps
Antimony	121-1	59388	60158	59396	59647	0.74	cps
Arsenic	75-2	470	455	451	459	2.18	cps
Barium	135-1	49173	48789	49868	49276	1.11	cps
Barium	137-1	113405	113628	115407	114147	0.96	cps
Beryllium	9-1	128	158	112	133	17.60	cps
Bismuth	209-1	4970019	5015890	5000176	4995361	0.47	cps
Bismuth	209-2	2567658	2706931	2579570	2618053	2.95	cps
Boron	10-1	12803	13922	14807	13844	7.25	cps
Boron	11-1	62916	66666	70816	66799	5.92	cps
Bromine	81-1	56049	60341	65931	60774	8.15	cps
Cadmium	111-1	1632	1883	1554	1690	10.16	cps
Cadmium	106-1	3501	3467	3309	3426	2.99	cps
Cadmium	108-1	100	154	163	139	24.43	cps
Calcium	43-1	5131859	5000167	5239317	5123781	2.34	cps
Calcium	44-1	84132436	81909974	82152594	82731668	1.47	cps
Carbon	12-1	10250004	10900779	11466681	10872488	5.60	cps
Carbon	12-2	130076	133500	135490	133022	2.06	cps
Chlorine	35-1	3874540	4020152	4234914	4043202	4.48	cps
Chlorine	35-2	27744	29397	29906	29016	3.90	cps
Chromium	52-2	1153	1167	1253	1191	4.56	cps
Cobalt	59-2	1220	1183	1217	1207	1.68	cps
Copper	63-2	15011	14891	15088	14997	0.66	cps
Dysprosium	156-1	8	8	42	19	99.00	cps
Dysprosium	156-2	10	7	13	10	33.30	cps
Erbium	164-1	75	67	83	75	11.11	cps
Erbium	164-2	37	17	43	32	43.06	cps
Gadolinium	160-1	83	33	17	44	78.07	cps
Gadolinium	160-2	67	93	77	79	17.07	cps
Holmium	165-1	8646661	8855919	8394987	8632523	2.67	cps
Holmium	165-2	3806611	3930278	3836091	3857660	1.67	cps
Indium	115-1	7446140	7496666	7459832	7467546	0.35	cps
Indium	115-2	999113	1029671	1005725	1011503	1.59	cps
Iron	54-2	3773	3934	3889	3865	2.15	cps
Iron	56-2	66689	65707	65924	66107	0.78	cps
Iron	57-2	8169	8325	8703	8399	3.27	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-10	Instrumnet Name :	P8
Client Sample ID :	MH1F32	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:40:02	DataFile Name :	116AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1177	1107	1167	1150	3.29	cps
Lead	206-1	17757	17440	17946	17714	1.44	cps
Lead	207-1	16127	15571	15626	15775	1.94	cps
Lead	208-1	71678	70599	71729	71335	0.89	cps
Lithium	6-1	2873509	2814779	2928806	2872365	1.99	cps
Magnesium	24-2	7351915	7142999	7064163	7186359	2.07	cps
Manganese	55-2	66883	68155	67469	67503	0.94	cps
Molybdenum	94-1	4117	4034	4151	4101	1.47	cps
Molybdenum	95-1	4968	4751	5101	4940	3.58	cps
Molybdenum	96-1	5701	5826	5510	5679	2.81	cps
Molybdenum	97-1	3392	3134	3067	3198	5.37	cps
Molybdenum	98-1	8311	8211	8103	8208	1.27	cps
Neodymium	150-1	27	27	33	29	13.31	cps
Neodymium	150-2	7	7	3	6	34.70	cps
Nickel	60-2	2437	2404	2580	2474	3.80	cps
Phosphorus	31-2	350	250	225	275	24.05	cps
Potassium	39-2	2293363	2297364	2290979	2293902	0.14	cps
Rhodium	103-1	7012199	6945618	7144366	7034061	1.44	cps
Rhodium	103-2	3047168	3277838	3118650	3147885	3.75	cps
Scandium	45-1	5912585	5732899	5693742	5779742	2.02	cps
Scandium	45-2	170549	169882	169323	169918	0.36	cps
Selenium	82-1	90	124	100	105	16.69	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	50	29	27	35	36.07	cps
Silicon	28-1	48660764	48449677	49642988	48917809	1.30	cps
Silver	107-1	367	342	350	353	3.61	cps
Silver	109-1	358	275	275	303	15.89	cps
Sodium	23-2	17547297	17487789	17908282	17647789	1.29	cps
Strontium	86-1	2230160	2177162	2243545	2216956	1.58	cps
Strontium	88-1	18387988	18746711	18693018	18609239	1.04	cps
Sulfur	34-1	4226803	4195827	4286441	4236357	1.09	cps
Terbium	159-1	9254503	9099851	9315990	9223448	1.21	cps
Terbium	159-2	3727305	3753638	3850757	3777234	1.72	cps
Thallium	203-1	892	867	850	869	2.41	cps
Thallium	205-1	1875	1875	1875	1875	0.00	cps
Tin	118-1	4768	5068	4768	4868	3.56	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-10	Instrumnet Name :	P8
Client Sample ID :	MH1F32	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:40:02	DataFile Name :	116AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1075	1025	983	1028	4.47	cps
Uranium	238-1	189150	195651	188976	191259	1.99	cps
Vanadium	51-2	2067	2057	2097	2074	1.00	cps
Ytterbium	172-1	75	33	33	47	50.95	cps
Ytterbium	172-2	11	22	28	20	41.67	cps
Ytterbium	176-1	850	858	875	861	1.48	cps
Ytterbium	176-2	4940	5529	5179	5216	5.68	cps
Yttrium	89-1	13992579	13891824	14100438	13994947	0.75	cps
Yttrium	89-2	1337097	1370778	1341176	1349684	1.36	cps
Zinc	66-2	139771	136896	137290	137986	1.13	cps
Zirconium	90-1	2409	2684	2784	2625	7.40	cps
Zirconium	91-1	508	600	525	544	8.97	cps

LB Number : LB117862 Operator : Jaswal
 Lab Sample ID : M5049-11 Instrumnet Name : P8
 Client Sample ID : MH1F34 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-16 18:43:01 DataFile Name : 117AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	625	604	555	595	6.04	cps
Antimony	121-1	46681	46764	48160	47202	1.76	cps
Arsenic	75-2	1432	1413	1371	1406	2.22	cps
Barium	135-1	161136	158853	162875	160954	1.25	cps
Barium	137-1	370544	370111	375808	372155	0.85	cps
Beryllium	9-1	150	128	154	144	9.72	cps
Bismuth	209-1	5098231	5018821	5236040	5117698	2.15	cps
Bismuth	209-2	2741696	2793458	2752498	2762551	0.99	cps
Boron	10-1	6016	6028	6068	6037	0.45	cps
Boron	11-1	29035	28925	30301	29420	2.60	cps
Bromine	81-1	47167	53567	57446	52727	9.84	cps
Cadmium	111-1	759	720	716	731	3.26	cps
Cadmium	106-1	3209	3292	3567	3356	5.59	cps
Cadmium	108-1	46	50	96	64	43.43	cps
Calcium	43-1	1153860	1155479	1166324	1158554	0.58	cps
Calcium	44-1	18328525	19087129	18670308	18695321	2.03	cps
Carbon	12-1	8134718	9081654	9099826	8772066	6.29	cps
Carbon	12-2	103810	106528	108753	106364	2.33	cps
Chlorine	35-1	3150240	2973125	3035143	3052836	2.94	cps
Chlorine	35-2	18354	16994	16927	17425	4.62	cps
Chromium	52-2	780	867	793	813	5.74	cps
Cobalt	59-2	223	227	227	226	0.85	cps
Copper	63-2	3927	3944	4107	3993	2.49	cps
Dysprosium	156-1	25	17	67	36	74.18	cps
Dysprosium	156-2	17	17	7	13	43.29	cps
Erbium	164-1	58	100	50	69	38.58	cps
Erbium	164-2	23	33	33	30	19.25	cps
Gadolinium	160-1	50	8	50	36	66.62	cps
Gadolinium	160-2	57	87	70	71	21.14	cps
Holmium	165-1	8787837	8451693	8954552	8731361	2.93	cps
Holmium	165-2	3915390	3910236	3948953	3924860	0.54	cps
Indium	115-1	7690087	7695753	7608736	7664859	0.64	cps
Indium	115-2	1034526	1030058	1030788	1031791	0.23	cps
Iron	54-2	4251	4056	4134	4147	2.36	cps
Iron	56-2	71937	69659	72952	71516	2.36	cps
Iron	57-2	3312	3662	3562	3512	5.14	cps

LB Number : LB117862 Operator : Jaswal
 Lab Sample ID : M5049-11 Instrumnet Name : P8
 Client Sample ID : MH1F34 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-16 18:43:01 DataFile Name : 117AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	967	1057	1127	1050	7.64	cps
Lead	206-1	56774	56004	58688	57156	2.42	cps
Lead	207-1	49601	49567	51212	50127	1.88	cps
Lead	208-1	229931	227956	235482	231123	1.69	cps
Lithium	6-1	2898382	3023365	2827007	2916251	3.41	cps
Magnesium	24-2	1819328	1733916	1736150	1763131	2.76	cps
Manganese	55-2	10464	9957	10514	10312	2.99	cps
Molybdenum	94-1	1467	1167	1158	1264	13.90	cps
Molybdenum	95-1	1717	1550	1483	1583	7.59	cps
Molybdenum	96-1	1925	1850	1817	1864	2.98	cps
Molybdenum	97-1	1233	1042	975	1083	12.38	cps
Molybdenum	98-1	2742	2484	2359	2528	7.73	cps
Neodymium	150-1	40	20	53	38	44.41	cps
Neodymium	150-2	0	7	13	7	99.98	cps
Nickel	60-2	253	303	357	304	16.97	cps
Phosphorus	31-2	208	125	125	153	31.49	cps
Potassium	39-2	320473	319974	323670	321372	0.62	cps
Rhodium	103-1	7245093	7020448	7162201	7142581	1.59	cps
Rhodium	103-2	3183025	3201508	3258602	3214378	1.23	cps
Scandium	45-1	5739285	5866495	5806679	5804153	1.10	cps
Scandium	45-2	171771	171429	170401	171200	0.42	cps
Selenium	82-1	245	125	44	138	73.28	cps
Selenium	77-2	0	3	7	3	100.05	cps
Selenium	78-2	46	45	49	47	4.47	cps
Silicon	28-1	69856599	72241741	70933512	71010618	1.68	cps
Silver	107-1	525	592	450	522	13.57	cps
Silver	109-1	425	492	475	464	7.48	cps
Sodium	23-2	5106169	4948744	4897628	4984180	2.18	cps
Strontium	86-1	616476	619741	619417	618545	0.29	cps
Strontium	88-1	5056312	5289539	5227941	5191264	2.33	cps
Sulfur	34-1	761470	744182	747017	750890	1.23	cps
Terbium	159-1	9106179	9163151	9419962	9229764	1.81	cps
Terbium	159-2	3932583	3824297	3804022	3853634	1.79	cps
Thallium	203-1	942	858	967	922	6.15	cps
Thallium	205-1	2167	2142	2259	2189	2.81	cps
Tin	118-1	4743	5570	4918	5077	8.59	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-11	Instrumnet Name :	P8
Client Sample ID :	MH1F34	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:43:01	DataFile Name :	117AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1383	1450	1500	1445	4.05	cps
Uranium	238-1	19649	19399	21001	20016	4.31	cps
Vanadium	51-2	3931	3914	3654	3833	4.05	cps
Ytterbium	172-1	117	42	17	58	89.21	cps
Ytterbium	172-2	33	44	28	35	24.12	cps
Ytterbium	176-1	950	917	867	911	4.60	cps
Ytterbium	176-2	5079	5662	5462	5401	5.49	cps
Yttrium	89-1	14276602	14480315	14390333	14382417	0.71	cps
Yttrium	89-2	1374294	1398933	1374315	1382514	1.03	cps
Zinc	66-2	46255	45854	45928	46012	0.46	cps
Zirconium	90-1	1075	992	958	1008	5.96	cps
Zirconium	91-1	175	183	267	208	24.33	cps

LB Number : LB117862 Operator : Jaswal
 Lab Sample ID : M5049-12 Instrumnet Name : P8
 Client Sample ID : MH1F36 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-16 18:46:00 DataFile Name : 118AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1634	1615	1741	1663	4.10	cps
Antimony	121-1	76313	78878	79088	78093	1.98	cps
Arsenic	75-2	1294	1344	1394	1344	3.72	cps
Barium	135-1	61867	62378	64019	62755	1.79	cps
Barium	137-1	145503	148734	149282	147840	1.38	cps
Beryllium	9-1	138	134	110	127	11.89	cps
Bismuth	209-1	4937575	4826542	5025662	4929926	2.02	cps
Bismuth	209-2	2495032	2585838	2624295	2568389	2.58	cps
Boron	10-1	9427	9999	10462	9963	5.20	cps
Boron	11-1	44377	47672	48563	46870	4.70	cps
Bromine	81-1	42619	43944	43603	43389	1.59	cps
Cadmium	111-1	6915	6896	6970	6927	0.56	cps
Cadmium	106-1	4001	3942	3909	3951	1.17	cps
Cadmium	108-1	488	517	471	492	4.72	cps
Calcium	43-1	2606837	2636572	2546348	2596586	1.77	cps
Calcium	44-1	40468477	41116829	42199773	41261693	2.12	cps
Carbon	12-1	8001096	8603944	8845231	8483424	5.13	cps
Carbon	12-2	103911	107269	107385	106188	1.86	cps
Chlorine	35-1	4012033	4363697	4718978	4364903	8.10	cps
Chlorine	35-2	35218	35745	38895	36619	5.43	cps
Chromium	52-2	873	803	740	806	8.28	cps
Cobalt	59-2	893	860	737	830	9.94	cps
Copper	63-2	22621	23359	22835	22939	1.66	cps
Dysprosium	156-1	208	133	233	192	27.15	cps
Dysprosium	156-2	83	90	77	83	8.00	cps
Erbium	164-1	67	67	33	56	34.65	cps
Erbium	164-2	33	57	27	39	40.51	cps
Gadolinium	160-1	342	258	275	292	15.12	cps
Gadolinium	160-2	210	197	163	190	12.65	cps
Holmium	165-1	8776098	8485589	8765336	8675674	1.90	cps
Holmium	165-2	3743308	3892947	3842630	3826295	1.99	cps
Indium	115-1	7518115	7574497	7291866	7461493	2.00	cps
Indium	115-2	974533	1019329	1024273	1006045	2.72	cps
Iron	54-2	14608	13729	14163	14166	3.10	cps
Iron	56-2	256213	251345	259535	255698	1.61	cps
Iron	57-2	10182	10115	9987	10094	0.98	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-12	Instrumnet Name :	P8
Client Sample ID :	MH1F36	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:46:00	DataFile Name :	118AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1150	1173	1093	1139	3.61	cps
Lead	206-1	368958	369292	369976	369409	0.14	cps
Lead	207-1	316001	320071	322413	319495	1.02	cps
Lead	208-1	1457554	1453477	1492785	1467939	1.47	cps
Lithium	6-1	2887490	2738646	2866174	2830770	2.84	cps
Magnesium	24-2	3899296	4017856	4004175	3973776	1.63	cps
Manganese	55-2	68782	67794	68702	68426	0.80	cps
Molybdenum	94-1	1925	2292	2092	2103	8.73	cps
Molybdenum	95-1	3259	3184	3234	3225	1.18	cps
Molybdenum	96-1	3259	3559	3434	3417	4.41	cps
Molybdenum	97-1	1959	1842	1825	1875	3.88	cps
Molybdenum	98-1	4609	5001	4826	4812	4.08	cps
Neodymium	150-1	67	100	87	84	19.87	cps
Neodymium	150-2	23	7	27	19	56.72	cps
Nickel	60-2	1157	1167	1203	1176	2.09	cps
Phosphorus	31-2	258	258	150	222	28.15	cps
Potassium	39-2	543996	540819	536876	540564	0.66	cps
Rhodium	103-1	7038608	7082544	7129013	7083389	0.64	cps
Rhodium	103-2	3099082	3125056	3141876	3122004	0.69	cps
Scandium	45-1	5608846	5728576	5631821	5656414	1.12	cps
Scandium	45-2	160346	170292	168687	166442	3.21	cps
Selenium	82-1	46	48	120	71	59.11	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	55	46	50	50	8.97	cps
Silicon	28-1	25492628	26211260	25955040	25886309	1.41	cps
Silver	107-1	2784	3042	2717	2848	6.03	cps
Silver	109-1	2509	2659	2875	2681	6.88	cps
Sodium	23-2	40274977	40841327	41065536	40727280	1.00	cps
Strontium	86-1	1266154	1267812	1265213	1266393	0.10	cps
Strontium	88-1	10563908	10874099	10822937	10753648	1.55	cps
Sulfur	34-1	1891375	1903689	1858759	1884608	1.23	cps
Terbium	159-1	9305509	9234974	9140395	9226960	0.90	cps
Terbium	159-2	3748602	3757580	3728492	3744891	0.40	cps
Thallium	203-1	1500	1392	1300	1397	7.17	cps
Thallium	205-1	3250	3584	3376	3403	4.95	cps
Tin	118-1	4809	5109	5168	5029	3.82	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-12	Instrumnet Name :	P8
Client Sample ID :	MH1F36	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:46:00	DataFile Name :	118AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1167	883	1092	1047	14.02	cps
Uranium	238-1	25969	26069	25927	25988	0.28	cps
Vanadium	51-2	390	413	393	399	3.16	cps
Ytterbium	172-1	92	67	33	64	45.81	cps
Ytterbium	172-2	6	33	33	24	66.60	cps
Ytterbium	176-1	1100	908	842	950	14.12	cps
Ytterbium	176-2	5146	5290	5390	5275	2.33	cps
Yttrium	89-1	14169598	14330680	14084419	14194899	0.88	cps
Yttrium	89-2	1306809	1363421	1382359	1350863	2.91	cps
Zinc	66-2	326443	327063	325386	326297	0.26	cps
Zirconium	90-1	1233	1050	1208	1164	8.54	cps
Zirconium	91-1	208	250	292	250	16.67	cps

LB Number : LB117862 Operator : Jaswal
 Lab Sample ID : M5049-13 Instrumnet Name : P8
 Client Sample ID : MH1F38 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-16 18:49:00 DataFile Name : 119AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2025	1937	1909	1957	3.09	cps
Antimony	121-1	79012	78719	80278	79336	1.04	cps
Arsenic	75-2	1346	1343	1311	1334	1.45	cps
Barium	135-1	73525	72553	75461	73846	2.00	cps
Barium	137-1	171968	171955	172151	172025	0.06	cps
Beryllium	9-1	156	126	118	133	15.02	cps
Bismuth	209-1	5002736	5025506	5105678	5044640	1.07	cps
Bismuth	209-2	2597705	2669691	2563663	2610353	2.07	cps
Boron	10-1	9995	10522	10502	10340	2.88	cps
Boron	11-1	47877	49654	52549	50027	4.71	cps
Bromine	81-1	40069	44366	46826	43753	7.82	cps
Cadmium	111-1	6502	6472	6720	6564	2.06	cps
Cadmium	106-1	3859	4201	3867	3976	4.90	cps
Cadmium	108-1	496	446	442	461	6.54	cps
Calcium	43-1	2590301	2583290	2595664	2589752	0.24	cps
Calcium	44-1	41507999	41316857	39896883	40907246	2.15	cps
Carbon	12-1	8535754	9509517	9585890	9210387	6.36	cps
Carbon	12-2	110507	111827	111414	111249	0.61	cps
Chlorine	35-1	5228979	5802152	6230906	5754012	8.74	cps
Chlorine	35-2	43165	45155	44778	44366	2.38	cps
Chromium	52-2	963	960	880	934	5.05	cps
Cobalt	59-2	973	910	950	944	3.39	cps
Copper	63-2	22151	21954	22318	22141	0.82	cps
Dysprosium	156-1	242	142	208	197	25.82	cps
Dysprosium	156-2	63	110	110	94	28.53	cps
Erbium	164-1	83	83	58	75	19.25	cps
Erbium	164-2	43	23	20	29	43.68	cps
Gadolinium	160-1	217	267	258	247	10.84	cps
Gadolinium	160-2	183	190	140	171	15.87	cps
Holmium	165-1	8904594	8821986	8548300	8758293	2.13	cps
Holmium	165-2	3830494	3894129	3775855	3833493	1.54	cps
Indium	115-1	7553263	7397869	7454724	7468618	1.05	cps
Indium	115-2	1023325	1032654	995543	1017174	1.90	cps
Iron	54-2	16120	15737	16004	15954	1.23	cps
Iron	56-2	296395	285121	286471	289329	2.13	cps
Iron	57-2	10421	10265	10810	10498	2.67	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-13	Instrumnet Name :	P8
Client Sample ID :	MH1F38	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:49:00	DataFile Name :	119AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1183	1080	1270	1178	8.08	cps
Lead	206-1	375147	375023	385016	378395	1.52	cps
Lead	207-1	330814	332972	327408	330398	0.85	cps
Lead	208-1	1513699	1516564	1522475	1517579	0.29	cps
Lithium	6-1	2814529	2854760	2909880	2859723	1.67	cps
Magnesium	24-2	4067070	4079207	3990155	4045477	1.19	cps
Manganese	55-2	68018	67553	67687	67753	0.35	cps
Molybdenum	94-1	1909	2100	2084	2031	5.23	cps
Molybdenum	95-1	2842	3250	3175	3089	7.04	cps
Molybdenum	96-1	3434	3559	3576	3523	2.20	cps
Molybdenum	97-1	2059	1900	1942	1967	4.17	cps
Molybdenum	98-1	4709	4443	4993	4715	5.84	cps
Neodymium	150-1	60	87	120	89	33.82	cps
Neodymium	150-2	27	20	37	28	30.20	cps
Nickel	60-2	1170	1397	1103	1223	12.57	cps
Phosphorus	31-2	150	317	250	239	35.12	cps
Potassium	39-2	593529	576771	587338	585879	1.45	cps
Rhodium	103-1	6867605	7058188	7086036	7003943	1.70	cps
Rhodium	103-2	3186683	3167833	2908161	3087559	5.04	cps
Scandium	45-1	5839043	5808812	5594559	5747471	2.32	cps
Scandium	45-2	171899	169275	167684	169619	1.26	cps
Selenium	82-1	31	125	-9	49	140.67	cps
Selenium	77-2	0	10	10	7	86.60	cps
Selenium	78-2	44	47	41	44	6.82	cps
Silicon	28-1	29110088	29424679	29936661	29490476	1.41	cps
Silver	107-1	3334	3067	2925	3109	6.67	cps
Silver	109-1	2375	2750	2767	2631	8.42	cps
Sodium	23-2	41472691	41336176	40008022	40938963	1.98	cps
Strontium	86-1	1251837	1279475	1282546	1271286	1.33	cps
Strontium	88-1	10805155	10860984	10743837	10803325	0.54	cps
Sulfur	34-1	1862375	1869129	1875240	1868915	0.34	cps
Terbium	159-1	9116623	8877946	9050712	9015094	1.37	cps
Terbium	159-2	3871360	3862765	3668107	3800744	3.02	cps
Thallium	203-1	1308	1417	1533	1420	7.93	cps
Thallium	205-1	3217	3484	3451	3384	4.29	cps
Tin	118-1	4367	4343	4526	4412	2.25	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-13	Instrumnet Name :	P8
Client Sample ID :	MH1F38	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:49:00	DataFile Name :	119AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1342	1658	1400	1467	11.49	cps
Uranium	238-1	26078	27339	25743	26386	3.19	cps
Vanadium	51-2	697	693	640	677	4.70	cps
Ytterbium	172-1	117	42	67	75	50.92	cps
Ytterbium	172-2	28	44	22	31	36.74	cps
Ytterbium	176-1	850	933	808	864	7.37	cps
Ytterbium	176-2	5090	5568	5096	5251	5.23	cps
Yttrium	89-1	14323164	14208084	14324003	14285083	0.47	cps
Yttrium	89-2	1367473	1365128	1308993	1347198	2.46	cps
Zinc	66-2	318873	311606	315735	315404	1.16	cps
Zirconium	90-1	1542	1217	1408	1389	11.77	cps
Zirconium	91-1	317	317	308	314	1.53	cps

LB Number : LB117862 Operator : Jaswal
 Lab Sample ID : M5049-14 Instrumnet Name : P8
 Client Sample ID : MH1F40 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-16 18:51:57 DataFile Name : 120AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1320	1380	1271	1324	4.12	cps
Antimony	121-1	72627	73189	72854	72890	0.39	cps
Arsenic	75-2	1133	1229	1125	1163	4.98	cps
Barium	135-1	73491	72201	74707	73466	1.71	cps
Barium	137-1	168271	167806	171946	169341	1.34	cps
Beryllium	9-1	98	128	164	130	25.42	cps
Bismuth	209-1	5048275	5163100	5080250	5097208	1.16	cps
Bismuth	209-2	2631884	2728411	2720108	2693468	1.99	cps
Boron	10-1	10242	10644	10744	10543	2.52	cps
Boron	11-1	47062	50898	51450	49804	4.80	cps
Bromine	81-1	38974	42579	45843	42465	8.09	cps
Cadmium	111-1	6204	6130	6454	6263	2.71	cps
Cadmium	106-1	3909	3851	3951	3903	1.29	cps
Cadmium	108-1	488	408	475	457	9.31	cps
Calcium	43-1	2524574	2598695	2425048	2516106	3.46	cps
Calcium	44-1	38796493	40744135	39795121	39778583	2.45	cps
Carbon	12-1	8314876	8672231	9405219	8797442	6.32	cps
Carbon	12-2	106292	105160	106697	106050	0.75	cps
Chlorine	35-1	5639173	6108627	6318733	6022177	5.78	cps
Chlorine	35-2	43190	44845	46091	44709	3.26	cps
Chromium	52-2	830	920	817	856	6.57	cps
Cobalt	59-2	793	763	813	790	3.19	cps
Copper	63-2	17978	18532	18622	18378	1.90	cps
Dysprosium	156-1	217	275	192	228	18.77	cps
Dysprosium	156-2	77	133	110	107	26.70	cps
Erbium	164-1	117	100	42	86	45.73	cps
Erbium	164-2	47	57	53	52	9.75	cps
Gadolinium	160-1	283	225	250	253	11.58	cps
Gadolinium	160-2	203	130	183	172	22.01	cps
Holmium	165-1	8850330	9199733	9149737	9066600	2.08	cps
Holmium	165-2	3839675	3923111	3957708	3906831	1.55	cps
Indium	115-1	7682351	7699259	7849086	7743565	1.19	cps
Indium	115-2	1034620	1040365	1059825	1044937	1.26	cps
Iron	54-2	12672	12583	12773	12676	0.75	cps
Iron	56-2	233338	227855	229693	230295	1.21	cps
Iron	57-2	9292	8981	8803	9025	2.74	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-14	Instrumnet Name :	P8
Client Sample ID :	MH1F40	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:51:57	DataFile Name :	120AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1033	1280	1110	1141	11.06	cps
Lead	206-1	277253	279800	282262	279772	0.90	cps
Lead	207-1	244148	245076	243767	244330	0.28	cps
Lead	208-1	1119730	1128864	1115488	1121361	0.61	cps
Lithium	6-1	2881355	2885069	2941619	2902681	1.16	cps
Magnesium	24-2	3847007	3899798	3839213	3862006	0.85	cps
Manganese	55-2	72021	70158	70537	70906	1.39	cps
Molybdenum	94-1	2000	2034	2225	2086	5.82	cps
Molybdenum	95-1	2800	2800	2925	2842	2.54	cps
Molybdenum	96-1	3275	3492	3125	3298	5.59	cps
Molybdenum	97-1	1725	1800	1725	1750	2.47	cps
Molybdenum	98-1	4142	4076	4434	4217	4.52	cps
Neodymium	150-1	73	87	80	80	8.34	cps
Neodymium	150-2	7	23	20	17	52.90	cps
Nickel	60-2	1213	1180	1187	1193	1.48	cps
Phosphorus	31-2	150	225	208	194	20.25	cps
Potassium	39-2	567625	569815	574976	570805	0.66	cps
Rhodium	103-1	7105394	7200318	7331339	7212350	1.57	cps
Rhodium	103-2	3215843	3152028	3185703	3184525	1.00	cps
Scandium	45-1	5806385	5901259	5746877	5818174	1.34	cps
Scandium	45-2	172334	172174	174378	172962	0.71	cps
Selenium	82-1	200	-11	141	110	99.18	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	41	51	38	43	15.72	cps
Silicon	28-1	29881298	29173549	29430289	29495045	1.21	cps
Silver	107-1	2225	2159	2367	2250	4.73	cps
Silver	109-1	1850	2159	2317	2109	11.26	cps
Sodium	23-2	40027683	39709078	39162460	39633074	1.10	cps
Strontium	86-1	1261433	1254322	1251004	1255586	0.42	cps
Strontium	88-1	10548328	10612440	10979380	10713383	2.17	cps
Sulfur	34-1	1859218	1800181	1837889	1832429	1.63	cps
Terbium	159-1	9637297	9241465	9424168	9434310	2.10	cps
Terbium	159-2	3986636	3849005	3869279	3901640	1.90	cps
Thallium	203-1	1275	1442	1392	1370	6.25	cps
Thallium	205-1	3217	3376	3109	3234	4.15	cps
Tin	118-1	4968	5260	4743	4990	5.19	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-14	Instrumnet Name :	P8
Client Sample ID :	MH1F40	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:51:57	DataFile Name :	120AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1092	1058	1067	1072	1.62	cps
Uranium	238-1	25401	25902	26236	25846	1.63	cps
Vanadium	51-2	580	657	590	609	6.84	cps
Ytterbium	172-1	25	42	58	42	40.00	cps
Ytterbium	172-2	22	28	22	24	13.33	cps
Ytterbium	176-1	1042	750	767	853	19.21	cps
Ytterbium	176-2	5279	5746	5585	5536	4.28	cps
Yttrium	89-1	14925651	14825324	14856951	14869309	0.34	cps
Yttrium	89-2	1362801	1366445	1398213	1375820	1.42	cps
Zinc	66-2	308136	299376	309075	305529	1.75	cps
Zirconium	90-1	1217	1367	1217	1267	6.84	cps
Zirconium	91-1	275	267	200	247	16.63	cps

LB Number : LB117862 Operator : Jaswal
 Lab Sample ID : M5049-15 Instrumnet Name : P8
 Client Sample ID : MH1F42 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-16 18:54:55 DataFile Name : 121AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6109	5929	5902	5980	1.89	cps
Antimony	121-1	1517	1675	1483	1558	6.57	cps
Arsenic	75-2	204	208	195	202	3.29	cps
Barium	135-1	293478	298475	295311	295754	0.85	cps
Barium	137-1	697200	691576	698182	695653	0.51	cps
Beryllium	9-1	146	122	128	132	9.46	cps
Bismuth	209-1	5097704	5277416	5244972	5206697	1.84	cps
Bismuth	209-2	2866568	2825687	2710119	2800791	2.90	cps
Boron	10-1	7528	7937	8059	7841	3.54	cps
Boron	11-1	36570	38349	38916	37945	3.22	cps
Bromine	81-1	44095	46505	48222	46274	4.48	cps
Cadmium	111-1	440	441	455	445	1.85	cps
Cadmium	106-1	3576	3259	3417	3417	4.63	cps
Cadmium	108-1	38	29	29	32	15.05	cps
Calcium	43-1	1797627	1854449	1827459	1826512	1.56	cps
Calcium	44-1	28528756	29134125	30035234	29232705	2.59	cps
Carbon	12-1	8272358	9024998	9310512	8869289	6.05	cps
Carbon	12-2	108351	106856	108123	107777	0.75	cps
Chlorine	35-1	4310350	4282066	4452870	4348429	2.11	cps
Chlorine	35-2	27686	28813	28913	28470	2.39	cps
Chromium	52-2	1457	1347	1433	1412	4.10	cps
Cobalt	59-2	910	883	730	841	11.55	cps
Copper	63-2	2307	2434	2430	2390	3.02	cps
Dysprosium	156-1	167	75	142	128	37.08	cps
Dysprosium	156-2	63	50	60	58	12.01	cps
Erbium	164-1	217	150	150	172	22.35	cps
Erbium	164-2	73	70	50	64	19.58	cps
Gadolinium	160-1	108	200	158	156	29.50	cps
Gadolinium	160-2	113	130	147	130	12.82	cps
Holmium	165-1	8732542	9140947	9073877	8982456	2.44	cps
Holmium	165-2	4048792	4015137	3984862	4016263	0.80	cps
Indium	115-1	7551775	7860531	7908015	7773440	2.49	cps
Indium	115-2	1093624	1054684	1060793	1069700	1.96	cps
Iron	54-2	31463	31095	31797	31452	1.12	cps
Iron	56-2	590738	575343	561534	575872	2.54	cps
Iron	57-2	16777	16588	16760	16708	0.63	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-15	Instrumnet Name :	P8
Client Sample ID :	MH1F42	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:54:55	DataFile Name :	121AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1000	1117	1040	1052	5.63	cps
Lead	206-1	5707	6152	6279	6046	4.97	cps
Lead	207-1	5051	5084	5079	5071	0.35	cps
Lead	208-1	23181	23537	24326	23681	2.48	cps
Lithium	6-1	2914773	2974505	2921451	2936910	1.11	cps
Magnesium	24-2	2609735	2630457	2521373	2587188	2.24	cps
Manganese	55-2	246141	243250	246246	245213	0.69	cps
Molybdenum	94-1	2475	2234	2200	2303	6.52	cps
Molybdenum	95-1	1942	2350	2309	2200	10.21	cps
Molybdenum	96-1	2134	2475	2075	2228	9.70	cps
Molybdenum	97-1	1317	1333	1233	1295	4.14	cps
Molybdenum	98-1	3175	3142	3492	3270	5.91	cps
Neodymium	150-1	327	240	167	244	32.77	cps
Neodymium	150-2	67	83	53	68	22.18	cps
Nickel	60-2	500	560	507	522	6.30	cps
Phosphorus	31-2	575	467	442	494	14.33	cps
Potassium	39-2	1038051	1063273	1017662	1039662	2.20	cps
Rhodium	103-1	7022605	7386999	7416832	7275478	3.02	cps
Rhodium	103-2	3251619	3315189	3293608	3286805	0.98	cps
Scandium	45-1	5633519	6325472	6113436	6024142	5.88	cps
Scandium	45-2	180252	177940	174682	177625	1.58	cps
Selenium	82-1	113	52	166	110	51.76	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	43	38	46	42	9.55	cps
Silicon	28-1	76231331	75797329	76124981	76051214	0.30	cps
Silver	107-1	183	258	200	214	18.41	cps
Silver	109-1	192	217	175	194	10.78	cps
Sodium	23-2	11593653	11357319	11320576	11423849	1.30	cps
Strontium	86-1	820713	826205	820718	822545	0.39	cps
Strontium	88-1	6846982	7197273	7071465	7038574	2.52	cps
Sulfur	34-1	829262	802887	809567	813905	1.68	cps
Terbium	159-1	9128718	9858404	9486109	9491077	3.84	cps
Terbium	159-2	4126420	3868422	3893586	3962809	3.59	cps
Thallium	203-1	425	550	533	503	13.50	cps
Thallium	205-1	942	1133	1108	1061	9.82	cps
Tin	118-1	4693	4593	4317	4534	4.28	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-15	Instrumnet Name :	P8
Client Sample ID :	MH1F42	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:54:55	DataFile Name :	121AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5818	5585	6327	5910	6.42	cps
Uranium	238-1	17871	17963	18815	18216	2.86	cps
Vanadium	51-2	4197	4047	3877	4041	3.96	cps
Ytterbium	172-1	50	58	42	50	16.66	cps
Ytterbium	172-2	39	28	33	33	16.67	cps
Ytterbium	176-1	1008	958	933	967	3.95	cps
Ytterbium	176-2	5690	5813	5929	5811	2.06	cps
Yttrium	89-1	13746811	15265150	14976110	14662690	5.50	cps
Yttrium	89-2	1440636	1475442	1402723	1439601	2.53	cps
Zinc	66-2	2587	2234	2320	2380	7.74	cps
Zirconium	90-1	3292	3359	4210	3620	14.13	cps
Zirconium	91-1	792	817	675	761	9.94	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-16	Instrumnet Name :	P8
Client Sample ID :	MH1F44	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:57:52	DataFile Name :	122AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1219	1289	1229	1245	3.04	cps
Antimony	121-1	76934	76062	78116	77037	1.34	cps
Arsenic	75-2	1209	1253	1177	1213	3.15	cps
Barium	135-1	79828	84573	83449	82617	3.00	cps
Barium	137-1	187661	194150	192465	191425	1.76	cps
Beryllium	9-1	160	130	130	140	12.37	cps
Bismuth	209-1	5162025	5123229	5240145	5175133	1.15	cps
Bismuth	209-2	2696104	2641523	2674303	2670643	1.03	cps
Boron	10-1	10358	10706	10808	10624	2.22	cps
Boron	11-1	49600	51442	52269	51103	2.67	cps
Bromine	81-1	42628	44366	45893	44295	3.69	cps
Cadmium	111-1	6737	6668	7062	6823	3.08	cps
Cadmium	106-1	4201	4101	4084	4129	1.53	cps
Cadmium	108-1	596	517	404	506	19.05	cps
Calcium	43-1	2614212	2639226	2793264	2682234	3.62	cps
Calcium	44-1	41081687	41627417	44124215	42277773	3.84	cps
Carbon	12-1	8445431	8748457	9081759	8758549	3.63	cps
Carbon	12-2	109642	110475	109148	109755	0.61	cps
Chlorine	35-1	5215370	5699690	6171364	5695474	8.39	cps
Chlorine	35-2	41477	44344	44536	43452	3.94	cps
Chromium	52-2	883	840	847	857	2.72	cps
Cobalt	59-2	857	843	940	880	5.95	cps
Copper	63-2	17284	17401	17581	17422	0.86	cps
Dysprosium	156-1	250	192	192	211	15.95	cps
Dysprosium	156-2	87	63	93	81	19.42	cps
Erbium	164-1	108	233	58	133	67.61	cps
Erbium	164-2	40	43	33	39	13.09	cps
Gadolinium	160-1	275	200	300	258	20.14	cps
Gadolinium	160-2	180	200	217	199	9.23	cps
Holmium	165-1	8719320	9074782	9287458	9027187	3.18	cps
Holmium	165-2	3920636	4039076	4008838	3989517	1.54	cps
Indium	115-1	7662526	8119264	7879664	7887151	2.90	cps
Indium	115-2	1053855	1066051	1068470	1062792	0.74	cps
Iron	54-2	13290	13156	13629	13358	1.82	cps
Iron	56-2	237406	234553	235453	235804	0.62	cps
Iron	57-2	9081	9059	9459	9199	2.45	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-16	Instrumnet Name :	P8
Client Sample ID :	MH1F44	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:57:52	DataFile Name :	122AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1097	1233	1117	1149	6.42	cps
Lead	206-1	249818	246309	259509	251879	2.71	cps
Lead	207-1	223659	219438	221073	221390	0.96	cps
Lead	208-1	998971	1003303	1030851	1011042	1.71	cps
Lithium	6-1	3032504	2866821	2982320	2960548	2.87	cps
Magnesium	24-2	4032704	4298830	4110911	4147482	3.30	cps
Manganese	55-2	78220	78260	78317	78266	0.06	cps
Molybdenum	94-1	2442	2125	2467	2345	8.12	cps
Molybdenum	95-1	3059	3150	3326	3178	4.26	cps
Molybdenum	96-1	3584	3225	3317	3376	5.52	cps
Molybdenum	97-1	1875	1925	1859	1886	1.84	cps
Molybdenum	98-1	5001	5109	5101	5071	1.19	cps
Neodymium	150-1	127	40	73	80	54.65	cps
Neodymium	150-2	17	17	20	18	10.81	cps
Nickel	60-2	1257	1160	1307	1241	6.01	cps
Phosphorus	31-2	233	208	175	206	14.24	cps
Potassium	39-2	614047	613963	610332	612781	0.35	cps
Rhodium	103-1	7262876	7169116	7461059	7297683	2.04	cps
Rhodium	103-2	3244810	3233258	3279518	3252529	0.74	cps
Scandium	45-1	5858004	5772294	6162445	5930914	3.46	cps
Scandium	45-2	176479	172971	176621	175357	1.18	cps
Selenium	82-1	119	-42	71	50	167.19	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	48	52	47	49	5.41	cps
Silicon	28-1	32679337	32168783	33005450	32617857	1.29	cps
Silver	107-1	1633	1575	1683	1631	3.33	cps
Silver	109-1	1633	1550	1517	1567	3.84	cps
Sodium	23-2	41674157	43476072	42420104	42523444	2.13	cps
Strontium	86-1	1280565	1305250	1323927	1303247	1.67	cps
Strontium	88-1	10848674	11085023	11048488	10994062	1.16	cps
Sulfur	34-1	1919213	1875118	1874975	1889769	1.35	cps
Terbium	159-1	9665330	9294902	9522156	9494129	1.97	cps
Terbium	159-2	3937839	3988862	3926434	3951045	0.84	cps
Thallium	203-1	1583	1458	1517	1520	4.12	cps
Thallium	205-1	3451	3559	3751	3587	4.24	cps
Tin	118-1	4618	4793	4634	4681	2.06	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-16	Instrumnet Name :	P8
Client Sample ID :	MH1F44	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 18:57:52	DataFile Name :	122AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1258	1200	1225	1228	2.38	cps
Uranium	238-1	28065	27405	26888	27453	2.15	cps
Vanadium	51-2	720	703	693	706	1.91	cps
Ytterbium	172-1	58	50	33	47	26.97	cps
Ytterbium	172-2	56	39	39	44	21.65	cps
Ytterbium	176-1	900	867	875	881	1.97	cps
Ytterbium	176-2	5373	5573	5507	5485	1.86	cps
Yttrium	89-1	14491252	14569079	14790949	14617094	1.06	cps
Yttrium	89-2	1432493	1434458	1453593	1440182	0.81	cps
Zinc	66-2	325914	329052	328507	327824	0.51	cps
Zirconium	90-1	1350	1483	1233	1356	9.23	cps
Zirconium	91-1	358	425	367	383	9.48	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-17	Instrumnet Name :	P8
Client Sample ID :	MH1F46	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:00:50	DataFile Name :	123AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	252	274	280	269	5.36	cps
Antimony	121-1	75082	74243	75433	74919	0.82	cps
Arsenic	75-2	746	714	683	714	4.41	cps
Barium	135-1	59114	59481	59892	59496	0.65	cps
Barium	137-1	135815	135591	137223	136210	0.65	cps
Beryllium	9-1	110	132	122	121	9.08	cps
Bismuth	209-1	5309274	5184071	5244053	5245800	1.19	cps
Bismuth	209-2	2727445	2804043	2748654	2760048	1.43	cps
Boron	10-1	6902	7004	7038	6982	1.01	cps
Boron	11-1	31924	33247	33634	32935	2.72	cps
Bromine	81-1	40531	43071	44496	42699	4.70	cps
Cadmium	111-1	8645	8134	8129	8302	3.57	cps
Cadmium	106-1	4217	4276	4076	4190	2.46	cps
Cadmium	108-1	713	613	600	642	9.61	cps
Calcium	43-1	3172498	3219398	3246424	3212773	1.16	cps
Calcium	44-1	50472953	52433370	51326790	51411038	1.91	cps
Carbon	12-1	8089540	8814955	9206661	8703719	6.51	cps
Carbon	12-2	104657	106428	111481	107522	3.29	cps
Chlorine	35-1	5652795	6054099	6473156	6060017	6.77	cps
Chlorine	35-2	45397	47169	46885	46484	2.05	cps
Chromium	52-2	553	653	640	616	8.82	cps
Cobalt	59-2	517	493	533	514	3.91	cps
Copper	63-2	6628	6508	6528	6555	0.98	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	100	83	92	92	9.09	cps
Erbium	164-2	33	13	23	23	42.86	cps
Gadolinium	160-1	75	42	25	47	53.91	cps
Gadolinium	160-2	83	80	80	81	2.37	cps
Holmium	165-1	9071653	9214166	9408556	9231458	1.83	cps
Holmium	165-2	4075631	4094361	4173014	4114335	1.26	cps
Indium	115-1	7959437	7688353	7760639	7802809	1.80	cps
Indium	115-2	1085248	1086376	1087326	1086317	0.10	cps
Iron	54-2	2189	2400	2206	2265	5.18	cps
Iron	56-2	35634	35739	35996	35790	0.52	cps
Iron	57-2	5218	4973	5168	5120	2.52	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-17	Instrumnet Name :	P8
Client Sample ID :	MH1F46	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:00:50	DataFile Name :	123AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1177	1133	1113	1141	2.84	cps
Lead	206-1	15242	15009	15259	15170	0.92	cps
Lead	207-1	12940	12673	13596	13070	3.63	cps
Lead	208-1	59799	59076	60650	59842	1.32	cps
Lithium	6-1	2919135	3029521	3050304	2999653	2.35	cps
Magnesium	24-2	4943391	4976451	5024912	4981584	0.82	cps
Manganese	55-2	36450	36243	35414	36036	1.52	cps
Molybdenum	94-1	2450	2409	2375	2411	1.56	cps
Molybdenum	95-1	3492	3659	3551	3567	2.37	cps
Molybdenum	96-1	3876	3926	3826	3876	1.29	cps
Molybdenum	97-1	2184	2200	2159	2181	0.96	cps
Molybdenum	98-1	5576	5585	5568	5576	0.15	cps
Neodymium	150-1	7	20	20	16	49.47	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	1183	1143	1113	1147	3.06	cps
Phosphorus	31-2	158	117	150	142	15.56	cps
Potassium	39-2	232535	237321	231987	233948	1.25	cps
Rhodium	103-1	7519509	7466827	7411731	7466023	0.72	cps
Rhodium	103-2	3370813	3239542	3380684	3330346	2.37	cps
Scandium	45-1	6005144	6045157	6209616	6086639	1.78	cps
Scandium	45-2	182615	180136	180647	181133	0.72	cps
Selenium	82-1	91	167	129	129	29.54	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	46	52	43	47	9.76	cps
Silicon	28-1	28562357	27812348	28756854	28377186	1.76	cps
Silver	107-1	533	533	417	494	13.62	cps
Silver	109-1	433	542	350	442	21.76	cps
Sodium	23-2	33420837	33926766	34480398	33942667	1.56	cps
Strontium	86-1	1577318	1634892	1565328	1592513	2.34	cps
Strontium	88-1	13301057	13662147	13647404	13536869	1.51	cps
Sulfur	34-1	2352306	2266307	2380582	2333065	2.55	cps
Terbium	159-1	9720344	9551277	9232925	9501515	2.60	cps
Terbium	159-2	3983278	4061017	4077806	4040700	1.25	cps
Thallium	203-1	1792	1600	1542	1645	7.95	cps
Thallium	205-1	3551	3492	3851	3631	5.30	cps
Tin	118-1	5335	5435	5335	5368	1.08	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-17	Instrumnet Name :	P8
Client Sample ID :	MH1F46	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:00:50	DataFile Name :	123AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	533	600	667	600	11.11	cps
Uranium	238-1	33729	33503	33720	33651	0.38	cps
Vanadium	51-2	120	150	143	138	11.43	cps
Ytterbium	172-1	17	33	17	22	43.28	cps
Ytterbium	172-2	11	6	17	11	49.99	cps
Ytterbium	176-1	1125	850	933	970	14.55	cps
Ytterbium	176-2	5668	5518	5624	5603	1.38	cps
Yttrium	89-1	15276959	14967064	15036898	15093641	1.08	cps
Yttrium	89-2	1474520	1473845	1465806	1471390	0.33	cps
Zinc	66-2	437259	433681	440559	437166	0.79	cps
Zirconium	90-1	975	942	1083	1000	7.41	cps
Zirconium	91-1	217	142	217	192	22.59	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-18	Instrumnet Name :	P8
Client Sample ID :	MH1F48	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:03:47	DataFile Name :	124AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1902	1919	1904	1908	0.47	cps
Antimony	121-1	30927	30509	30050	30496	1.44	cps
Arsenic	75-2	603	583	631	606	3.98	cps
Barium	135-1	69345	71063	72194	70867	2.02	cps
Barium	137-1	162732	166605	165895	165077	1.25	cps
Beryllium	9-1	134	130	166	143	13.77	cps
Bismuth	209-1	5267136	5234887	5318499	5273507	0.80	cps
Bismuth	209-2	2806665	2855786	2795646	2819366	1.14	cps
Boron	10-1	6190	6066	6180	6145	1.12	cps
Boron	11-1	27969	29586	30588	29381	4.50	cps
Bromine	81-1	33304	37830	38020	36385	7.34	cps
Cadmium	111-1	2071	2035	2038	2048	0.97	cps
Cadmium	106-1	3876	3701	3901	3826	2.85	cps
Cadmium	108-1	158	163	175	165	5.25	cps
Calcium	43-1	2709017	2629142	2712243	2683467	1.75	cps
Calcium	44-1	42408670	41463012	43494984	42455556	2.39	cps
Carbon	12-1	8150425	8456925	8970539	8525963	4.86	cps
Carbon	12-2	99446	101652	102535	101211	1.57	cps
Chlorine	35-1	5749164	5941171	6289372	5993235	4.57	cps
Chlorine	35-2	41844	41552	41460	41619	0.48	cps
Chromium	52-2	1217	1003	1130	1117	9.61	cps
Cobalt	59-2	700	750	790	747	6.04	cps
Copper	63-2	5484	5438	5655	5526	2.06	cps
Dysprosium	156-1	50	83	50	61	31.50	cps
Dysprosium	156-2	33	27	17	26	32.81	cps
Erbium	164-1	125	117	67	103	30.69	cps
Erbium	164-2	30	67	23	40	58.34	cps
Gadolinium	160-1	117	67	58	81	39.17	cps
Gadolinium	160-2	77	90	103	90	14.81	cps
Holmium	165-1	9480383	9281525	9162110	9308006	1.73	cps
Holmium	165-2	4146193	4082336	4084756	4104428	0.88	cps
Indium	115-1	7994331	8107825	8093345	8065167	0.77	cps
Indium	115-2	1103853	1093259	1073888	1090333	1.39	cps
Iron	54-2	17327	15787	16182	16432	4.87	cps
Iron	56-2	298785	292215	293640	294880	1.17	cps
Iron	57-2	10454	10548	10198	10400	1.74	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-18	Instrumnet Name :	P8
Client Sample ID :	MH1F48	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:03:47	DataFile Name :	124AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1067	1187	1223	1159	7.07	cps
Lead	206-1	71648	70625	71016	71096	0.73	cps
Lead	207-1	59822	62071	62545	61479	2.37	cps
Lead	208-1	277367	283361	286827	282518	1.69	cps
Lithium	6-1	3047466	3031649	3024565	3034560	0.39	cps
Magnesium	24-2	3889795	3949037	3870955	3903262	1.04	cps
Manganese	55-2	149526	151260	147957	149581	1.10	cps
Molybdenum	94-1	3042	2534	2434	2670	12.22	cps
Molybdenum	95-1	3542	3701	3559	3601	2.42	cps
Molybdenum	96-1	3759	4134	3434	3776	9.28	cps
Molybdenum	97-1	2492	2234	2242	2322	6.32	cps
Molybdenum	98-1	5718	5418	5718	5618	3.08	cps
Neodymium	150-1	80	120	53	84	39.74	cps
Neodymium	150-2	20	37	7	21	71.19	cps
Nickel	60-2	927	753	870	850	10.40	cps
Phosphorus	31-2	150	192	142	161	16.63	cps
Potassium	39-2	214101	212198	208742	211680	1.28	cps
Rhodium	103-1	7759249	7718839	7523651	7667246	1.64	cps
Rhodium	103-2	3332744	3340953	3328193	3333963	0.19	cps
Scandium	45-1	6176775	6251018	6267958	6231917	0.78	cps
Scandium	45-2	180210	180068	179413	179897	0.24	cps
Selenium	82-1	251	78	59	129	81.88	cps
Selenium	77-2	7	7	7	7	0.00	cps
Selenium	78-2	65	52	49	55	15.37	cps
Silicon	28-1	25375262	25072147	24965407	25137605	0.85	cps
Silver	107-1	750	608	550	636	16.17	cps
Silver	109-1	533	550	567	550	3.03	cps
Sodium	23-2	27198265	26625791	26241724	26688593	1.80	cps
Strontium	86-1	1193623	1264197	1217501	1225107	2.93	cps
Strontium	88-1	10157657	10746795	10446120	10450190	2.82	cps
Sulfur	34-1	2087544	2067224	2040954	2065241	1.13	cps
Terbium	159-1	9805802	9955105	9679655	9813521	1.41	cps
Terbium	159-2	4023060	3921744	3945631	3963478	1.34	cps
Thallium	203-1	825	850	825	833	1.73	cps
Thallium	205-1	1734	1975	1975	1895	7.37	cps
Tin	118-1	9687	8953	9354	9331	3.94	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-18	Instrumnet Name :	P8
Client Sample ID :	MH1F48	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:03:47	DataFile Name :	124AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1767	1867	1825	1820	2.76	cps
Uranium	238-1	23330	23305	23639	23425	0.79	cps
Vanadium	51-2	483	413	490	462	9.19	cps
Ytterbium	172-1	50	67	8	42	72.12	cps
Ytterbium	172-2	6	28	28	20	62.97	cps
Ytterbium	176-1	733	1000	942	892	15.72	cps
Ytterbium	176-2	5507	5990	5674	5724	4.29	cps
Yttrium	89-1	15401446	15855022	15137209	15464559	2.35	cps
Yttrium	89-2	1472788	1482325	1459282	1471465	0.79	cps
Zinc	66-2	90260	89953	88676	89630	0.94	cps
Zirconium	90-1	1425	1875	1550	1617	14.37	cps
Zirconium	91-1	267	267	375	303	20.66	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-19	Instrumnet Name :	P8
Client Sample ID :	MH1F50	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:06:45	DataFile Name :	125AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3839	4033	3886	3919	2.58	cps
Antimony	121-1	34043	35254	35647	34982	2.39	cps
Arsenic	75-2	616	589	609	605	2.32	cps
Barium	135-1	81512	83365	83399	82759	1.30	cps
Barium	137-1	187228	189999	193815	190347	1.74	cps
Beryllium	9-1	128	94	112	111	15.28	cps
Bismuth	209-1	5256347	5381491	5316173	5318004	1.18	cps
Bismuth	209-2	2726065	2848709	2760600	2778458	2.28	cps
Boron	10-1	5948	6074	6120	6047	1.47	cps
Boron	11-1	27032	28696	30351	28693	5.79	cps
Bromine	81-1	34990	37519	39527	37345	6.09	cps
Cadmium	111-1	1192	1486	1213	1297	12.67	cps
Cadmium	106-1	3576	3667	3701	3648	1.77	cps
Cadmium	108-1	100	117	146	121	19.20	cps
Calcium	43-1	2585832	2657955	2539923	2594570	2.29	cps
Calcium	44-1	40849421	41936116	39388354	40724630	3.14	cps
Carbon	12-1	7847464	8442747	8860946	8383719	6.08	cps
Carbon	12-2	104036	105531	104522	104696	0.73	cps
Chlorine	35-1	6307188	6484265	6478890	6423448	1.57	cps
Chlorine	35-2	41134	40892	40908	40978	0.33	cps
Chromium	52-2	1063	970	983	1006	5.02	cps
Cobalt	59-2	823	793	927	848	8.25	cps
Copper	63-2	5208	5248	4924	5127	3.44	cps
Dysprosium	156-1	83	125	108	106	19.86	cps
Dysprosium	156-2	43	37	67	49	32.22	cps
Erbium	164-1	125	175	192	164	21.17	cps
Erbium	164-2	57	63	60	60	5.55	cps
Gadolinium	160-1	142	158	117	139	15.10	cps
Gadolinium	160-2	127	113	157	132	16.78	cps
Holmium	165-1	9317140	9219683	9214474	9250432	0.63	cps
Holmium	165-2	4082946	4162189	4020549	4088561	1.74	cps
Indium	115-1	8072556	8094405	8141126	8102696	0.43	cps
Indium	115-2	1077276	1097127	1075983	1083462	1.09	cps
Iron	54-2	16404	15981	15826	16070	1.86	cps
Iron	56-2	295059	289194	284157	289470	1.88	cps
Iron	57-2	10954	10510	10760	10741	2.08	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-19	Instrumnet Name :	P8
Client Sample ID :	MH1F50	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:06:45	DataFile Name :	125AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1090	1213	1150	1151	5.36	cps
Lead	206-1	91756	92272	94147	92725	1.36	cps
Lead	207-1	81528	81640	80360	81176	0.87	cps
Lead	208-1	368903	370026	367997	368975	0.28	cps
Lithium	6-1	3123922	3052192	2988757	3054957	2.21	cps
Magnesium	24-2	3854663	3724067	3861366	3813365	2.03	cps
Manganese	55-2	136056	135299	136730	136028	0.53	cps
Molybdenum	94-1	2492	3150	2734	2792	11.93	cps
Molybdenum	95-1	3134	3559	3092	3262	7.92	cps
Molybdenum	96-1	3476	3434	3701	3537	4.06	cps
Molybdenum	97-1	1959	2009	1809	1925	5.41	cps
Molybdenum	98-1	5335	4851	5326	5171	5.35	cps
Neodymium	150-1	200	173	120	164	24.77	cps
Neodymium	150-2	37	47	60	48	24.50	cps
Nickel	60-2	823	923	903	883	5.99	cps
Phosphorus	31-2	117	142	167	142	17.65	cps
Potassium	39-2	222294	228614	226004	225637	1.41	cps
Rhodium	103-1	7369661	7721132	7644676	7578490	2.44	cps
Rhodium	103-2	3279273	3325901	3358386	3321186	1.20	cps
Scandium	45-1	5825037	6228520	5958633	6004063	3.42	cps
Scandium	45-2	182752	182282	179907	181647	0.84	cps
Selenium	82-1	103	77	93	91	14.49	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	55	57	48	53	8.86	cps
Silicon	28-1	28007104	27882480	28665721	28185102	1.49	cps
Silver	107-1	700	608	625	644	7.58	cps
Silver	109-1	608	675	725	669	8.74	cps
Sodium	23-2	25283112	25392095	25772384	25482530	1.01	cps
Strontium	86-1	1184517	1199781	1203775	1196024	0.85	cps
Strontium	88-1	10179663	10402864	10205827	10262784	1.19	cps
Sulfur	34-1	1938963	1974094	2003104	1972054	1.63	cps
Terbium	159-1	9934162	9875540	9860562	9890088	0.39	cps
Terbium	159-2	4049885	4130471	3992786	4057714	1.70	cps
Thallium	203-1	942	1067	967	992	6.67	cps
Thallium	205-1	1859	2392	2117	2122	12.57	cps
Tin	118-1	5026	4676	5093	4932	4.54	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-19	Instrumnet Name :	P8
Client Sample ID :	MH1F50	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:06:45	DataFile Name :	125AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3509	3601	3751	3620	3.38	cps
Uranium	238-1	22955	22262	23915	23044	3.60	cps
Vanadium	51-2	633	683	737	684	7.55	cps
Ytterbium	172-1	33	67	58	53	32.87	cps
Ytterbium	172-2	33	61	22	39	51.51	cps
Ytterbium	176-1	925	1042	1092	1020	8.39	cps
Ytterbium	176-2	5546	5685	5624	5618	1.24	cps
Yttrium	89-1	15188655	15924709	15543696	15552353	2.37	cps
Yttrium	89-2	1450402	1457863	1513747	1474004	2.35	cps
Zinc	66-2	87949	87964	86526	87480	0.94	cps
Zirconium	90-1	2759	2367	2559	2561	7.65	cps
Zirconium	91-1	425	450	708	528	29.72	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-20	Instrumnet Name :	P8
Client Sample ID :	MH1F52	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:09:41	DataFile Name :	126AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	831	862	846	847	1.85	cps
Antimony	121-1	28163	29165	28505	28611	1.78	cps
Arsenic	75-2	558	552	495	535	6.50	cps
Barium	135-1	71432	72663	69889	71328	1.95	cps
Barium	137-1	165169	166527	166151	165949	0.42	cps
Beryllium	9-1	90	122	126	113	17.52	cps
Bismuth	209-1	5178638	5343927	5357549	5293371	1.88	cps
Bismuth	209-2	2755832	2842047	2771894	2789924	1.64	cps
Boron	10-1	5588	5852	6178	5873	5.03	cps
Boron	11-1	27296	28997	29292	28528	3.78	cps
Bromine	81-1	34729	36114	39255	36699	6.32	cps
Cadmium	111-1	1676	1949	1916	1847	8.07	cps
Cadmium	106-1	4109	3876	3634	3873	6.13	cps
Cadmium	108-1	113	158	150	140	17.41	cps
Calcium	43-1	2572605	2588918	2492479	2551334	2.02	cps
Calcium	44-1	40854203	41615979	40514351	40994844	1.38	cps
Carbon	12-1	7794672	8126990	8756225	8225963	5.94	cps
Carbon	12-2	103029	101006	101460	101832	1.04	cps
Chlorine	35-1	4908933	5391510	5576795	5292413	6.51	cps
Chlorine	35-2	35636	37073	38878	37196	4.37	cps
Chromium	52-2	1033	1147	1077	1086	5.27	cps
Cobalt	59-2	840	717	713	757	9.54	cps
Copper	63-2	3594	3767	3624	3662	2.53	cps
Dysprosium	156-1	50	25	33	36	35.25	cps
Dysprosium	156-2	13	10	3	9	57.30	cps
Erbium	164-1	83	58	75	72	17.63	cps
Erbium	164-2	17	33	37	29	37.08	cps
Gadolinium	160-1	108	58	75	81	31.61	cps
Gadolinium	160-2	60	100	87	82	24.77	cps
Holmium	165-1	9023901	9394864	9083211	9167325	2.17	cps
Holmium	165-2	3982553	4098277	4067910	4049580	1.48	cps
Indium	115-1	7891596	8118823	7937759	7982726	1.50	cps
Indium	115-2	1071923	1093084	1084031	1083013	0.98	cps
Iron	54-2	11894	12194	11488	11859	2.99	cps
Iron	56-2	208500	213237	211259	210999	1.13	cps
Iron	57-2	8253	8875	8964	8697	4.46	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-20	Instrumnet Name :	P8
Client Sample ID :	MH1F52	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:09:41	DataFile Name :	126AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1163	1200	1163	1176	1.80	cps
Lead	206-1	43674	45050	44421	44382	1.55	cps
Lead	207-1	37895	38167	38586	38216	0.91	cps
Lead	208-1	173498	176755	177158	175804	1.14	cps
Lithium	6-1	3102137	3139875	3073738	3105250	1.07	cps
Magnesium	24-2	3840330	3811186	3751416	3800977	1.19	cps
Manganese	55-2	129040	129961	131095	130032	0.79	cps
Molybdenum	94-1	1934	2267	2509	2236	12.91	cps
Molybdenum	95-1	3242	3267	3376	3295	2.15	cps
Molybdenum	96-1	3617	3876	3709	3734	3.51	cps
Molybdenum	97-1	2017	1834	2259	2036	10.47	cps
Molybdenum	98-1	5818	5401	5293	5504	5.04	cps
Neodymium	150-1	100	73	33	69	48.71	cps
Neodymium	150-2	10	17	7	11	45.82	cps
Nickel	60-2	787	853	740	793	7.18	cps
Phosphorus	31-2	117	150	125	131	13.29	cps
Potassium	39-2	216199	216901	214085	215728	0.68	cps
Rhodium	103-1	7409164	7561015	7589804	7519994	1.29	cps
Rhodium	103-2	3285994	3367872	3307785	3320550	1.28	cps
Scandium	45-1	5970085	6351857	6092061	6138001	3.18	cps
Scandium	45-2	180155	184551	179912	181539	1.44	cps
Selenium	82-1	59	32	97	63	52.18	cps
Selenium	77-2	0	0	10	3	173.21	cps
Selenium	78-2	41	39	41	40	2.86	cps
Silicon	28-1	24860703	26022875	26247290	25710289	2.89	cps
Silver	107-1	400	450	358	403	11.39	cps
Silver	109-1	392	367	308	356	12.03	cps
Sodium	23-2	25403922	25438028	25285775	25375908	0.31	cps
Strontium	86-1	1171615	1181890	1204181	1185895	1.40	cps
Strontium	88-1	9735874	10007130	10226913	9989972	2.46	cps
Sulfur	34-1	1922360	1988925	1979167	1963484	1.83	cps
Terbium	159-1	9522609	9890481	9735956	9716349	1.90	cps
Terbium	159-2	4007074	4087587	4039648	4044770	1.00	cps
Thallium	203-1	725	850	975	850	14.71	cps
Thallium	205-1	2067	2017	1959	2014	2.69	cps
Tin	118-1	8711	9270	8620	8867	3.97	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-20	Instrumnet Name :	P8
Client Sample ID :	MH1F52	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:09:41	DataFile Name :	126AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1017	867	833	906	10.78	cps
Uranium	238-1	21427	23456	23021	22635	4.72	cps
Vanadium	51-2	427	413	427	422	1.82	cps
Ytterbium	172-1	33	58	42	44	28.64	cps
Ytterbium	172-2	22	22	6	17	57.71	cps
Ytterbium	176-1	842	1050	1058	983	12.48	cps
Ytterbium	176-2	5473	5774	5757	5668	2.98	cps
Yttrium	89-1	14312621	14963232	15222700	14832851	3.16	cps
Yttrium	89-2	1445470	1427950	1458658	1444026	1.07	cps
Zinc	66-2	77032	77823	78242	77699	0.79	cps
Zirconium	90-1	1067	1300	1083	1150	11.33	cps
Zirconium	91-1	225	325	275	275	18.18	cps

LB Number : LB117862 Operator : Jaswal
 Lab Sample ID : M5049-21 Instrumnet Name : P8
 Client Sample ID : MH1F52D Dilution Factor : 1
 Date & Time Acquired :: 2021-12-16 19:12:40 DataFile Name : 127AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	789	784	737	770	3.67	cps
Antimony	121-1	26334	27695	27912	27314	3.13	cps
Arsenic	75-2	495	492	471	486	2.69	cps
Barium	135-1	67980	67662	67251	67631	0.54	cps
Barium	137-1	158373	161705	156969	159016	1.53	cps
Beryllium	9-1	110	108	114	111	2.76	cps
Bismuth	209-1	5157745	5126121	5033226	5105697	1.27	cps
Bismuth	209-2	2778182	2721776	2701777	2733912	1.45	cps
Boron	10-1	5634	5588	5928	5717	3.23	cps
Boron	11-1	25976	26745	27961	26894	3.72	cps
Bromine	81-1	29522	30484	31709	30571	3.59	cps
Cadmium	111-1	1716	1587	1795	1699	6.17	cps
Cadmium	106-1	3592	3592	3259	3481	5.53	cps
Cadmium	108-1	129	100	163	131	23.95	cps
Calcium	43-1	2405690	2468414	2440705	2438270	1.29	cps
Calcium	44-1	37736919	39405219	39088595	38743578	2.29	cps
Carbon	12-1	7419007	8107867	8440160	7989011	6.52	cps
Carbon	12-2	95974	94346	96006	95442	0.99	cps
Chlorine	35-1	5702576	6107370	6312999	6040982	5.14	cps
Chlorine	35-2	40048	39956	41519	40507	2.16	cps
Chromium	52-2	1167	1133	1077	1126	4.04	cps
Cobalt	59-2	773	790	663	742	9.27	cps
Copper	63-2	3547	3644	3631	3607	1.45	cps
Dysprosium	156-1	33	8	33	25	57.74	cps
Dysprosium	156-2	20	17	10	16	32.73	cps
Erbium	164-1	83	58	75	72	17.62	cps
Erbium	164-2	27	27	33	29	13.31	cps
Gadolinium	160-1	75	25	33	44	60.28	cps
Gadolinium	160-2	90	90	83	88	4.39	cps
Holmium	165-1	8807679	9053167	8956904	8939250	1.38	cps
Holmium	165-2	4130769	3839232	3880054	3950018	4.00	cps
Indium	115-1	7638304	7864961	7730823	7744696	1.47	cps
Indium	115-2	1063344	1054859	1046475	1054892	0.80	cps
Iron	54-2	11861	11766	11777	11801	0.44	cps
Iron	56-2	201499	208269	202339	204035	1.81	cps
Iron	57-2	8364	8458	8436	8419	0.59	cps

LB Number : LB117862 Operator : Jaswal
 Lab Sample ID : M5049-21 Instrumnet Name : P8
 Client Sample ID : MH1F52D Dilution Factor : 1
 Date & Time Acquired :: 2021-12-16 19:12:40 DataFile Name : 127AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1073	1147	1140	1120	3.62	cps
Lead	206-1	41695	41305	42375	41792	1.30	cps
Lead	207-1	35131	37449	36262	36281	3.19	cps
Lead	208-1	165814	166596	166020	166143	0.24	cps
Lithium	6-1	2768069	2922515	2984145	2891576	3.85	cps
Magnesium	24-2	3725774	3748291	3782179	3752081	0.76	cps
Manganese	55-2	126150	127075	124562	125929	1.01	cps
Molybdenum	94-1	2259	2300	2267	2275	0.97	cps
Molybdenum	95-1	2909	3359	3025	3098	7.54	cps
Molybdenum	96-1	3300	3876	3434	3537	8.51	cps
Molybdenum	97-1	1767	1850	1992	1870	6.09	cps
Molybdenum	98-1	5109	4984	5126	5073	1.53	cps
Neodymium	150-1	47	40	67	51	27.15	cps
Neodymium	150-2	3	7	13	8	65.47	cps
Nickel	60-2	677	700	710	696	2.46	cps
Phosphorus	31-2	142	142	150	144	3.33	cps
Potassium	39-2	213971	214949	207438	212119	1.93	cps
Rhodium	103-1	7154927	7456078	7475813	7362272	2.44	cps
Rhodium	103-2	3391886	3170878	3142839	3235201	4.22	cps
Scandium	45-1	5821177	5996022	5899378	5905526	1.48	cps
Scandium	45-2	177649	175406	173881	175645	1.08	cps
Selenium	82-1	159	103	123	128	22.18	cps
Selenium	77-2	3	3	7	4	43.40	cps
Selenium	78-2	45	50	45	47	6.20	cps
Silicon	28-1	24269581	25087585	24305541	24554236	1.88	cps
Silver	107-1	300	483	408	397	23.20	cps
Silver	109-1	358	267	325	317	14.65	cps
Sodium	23-2	25363625	24951192	24974610	25096476	0.92	cps
Strontium	86-1	1102932	1135716	1131571	1123406	1.59	cps
Strontium	88-1	9320008	9472490	9585233	9459244	1.41	cps
Sulfur	34-1	1834639	1913447	1864056	1870714	2.13	cps
Terbium	159-1	9294630	9515810	9354793	9388411	1.22	cps
Terbium	159-2	4015195	3907930	3878349	3933824	1.83	cps
Thallium	203-1	750	825	858	811	6.84	cps
Thallium	205-1	1867	1784	1725	1792	3.97	cps
Tin	118-1	11188	11021	10588	10932	2.84	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-21	Instrumnet Name :	P8
Client Sample ID :	MH1F52D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:12:40	DataFile Name :	127AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1987	808	1861	1552	41.69	cps
Uranium	238-1	21535	22020	21527	21694	1.30	cps
Vanadium	51-2	567	457	433	486	14.67	cps
Ytterbium	172-1	25	17	58	33	66.13	cps
Ytterbium	172-2	28	33	11	24	48.04	cps
Ytterbium	176-1	917	1092	975	995	8.96	cps
Ytterbium	176-2	5240	5468	6124	5611	8.18	cps
Yttrium	89-1	14556760	14883234	14420793	14620262	1.63	cps
Yttrium	89-2	1432048	1384953	1410577	1409192	1.67	cps
Zinc	66-2	73464	74261	74258	73994	0.62	cps
Zirconium	90-1	1025	1292	1350	1222	14.18	cps
Zirconium	91-1	192	317	242	250	25.17	cps

LB Number : LB117862 Operator : Jaswal
 Lab Sample ID : M5049-20LX5 Instrumnet Name : P8
 Client Sample ID : MH1F52L Dilution Factor : 5
 Date & Time Acquired :: 2021-12-16 19:15:37 DataFile Name : 128AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	264	246	260	257	3.59	cps
Antimony	121-1	5693	5943	6277	5971	4.90	cps
Arsenic	75-2	98	108	113	106	7.18	cps
Barium	135-1	14358	14258	14316	14311	0.35	cps
Barium	137-1	33196	33078	33772	33349	1.11	cps
Beryllium	9-1	114	130	130	125	7.41	cps
Bismuth	209-1	5653708	5806254	5569999	5676654	2.11	cps
Bismuth	209-2	2971846	2971452	2897712	2947004	1.45	cps
Boron	10-1	2414	2356	2380	2383	1.22	cps
Boron	11-1	11726	11672	11072	11490	3.16	cps
Bromine	81-1	23694	24296	23805	23932	1.34	cps
Cadmium	111-1	792	800	718	770	5.89	cps
Cadmium	106-1	3926	4109	3492	3842	8.24	cps
Cadmium	108-1	63	38	67	56	28.40	cps
Calcium	43-1	505325	511438	498171	504978	1.31	cps
Calcium	44-1	8160659	8031468	8216137	8136088	1.16	cps
Carbon	12-1	5483407	5336469	5372781	5397552	1.42	cps
Carbon	12-2	59740	58643	58827	59070	0.99	cps
Chlorine	35-1	3127895	3196225	3166043	3163388	1.08	cps
Chlorine	35-2	18871	18846	17836	18518	3.19	cps
Chromium	52-2	697	757	680	711	5.67	cps
Cobalt	59-2	227	240	230	232	2.99	cps
Copper	63-2	1310	1230	1300	1280	3.41	cps
Dysprosium	156-1	0	17	25	14	91.65	cps
Dysprosium	156-2	17	13	13	14	13.35	cps
Erbium	164-1	58	75	50	61	20.83	cps
Erbium	164-2	30	23	40	31	26.97	cps
Gadolinium	160-1	58	33	58	50	28.87	cps
Gadolinium	160-2	70	90	113	91	23.81	cps
Holmium	165-1	9549008	9555809	9752279	9619032	1.20	cps
Holmium	165-2	4242910	4219913	4177133	4213318	0.79	cps
Indium	115-1	8548262	8500044	8371993	8473433	1.08	cps
Indium	115-2	1146053	1129369	1135810	1137077	0.74	cps
Iron	54-2	2706	2723	2906	2778	4.00	cps
Iron	56-2	45150	43338	44715	44401	2.13	cps
Iron	57-2	1822	2006	1978	1935	5.11	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-20LX5	Instrumnet Name :	P8
Client Sample ID :	MH1F52L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 19:15:37	DataFile Name :	128AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1210	1203	1110	1175	4.76	cps
Lead	206-1	9648	9470	10238	9785	4.10	cps
Lead	207-1	8147	8370	8559	8358	2.46	cps
Lead	208-1	37494	38963	38778	38412	2.08	cps
Lithium	6-1	3217291	3135410	3079121	3143941	2.21	cps
Magnesium	24-2	775109	766697	753296	765034	1.44	cps
Manganese	55-2	26642	25409	26191	26081	2.39	cps
Molybdenum	94-1	450	783	700	644	26.92	cps
Molybdenum	95-1	658	717	725	700	5.19	cps
Molybdenum	96-1	792	892	825	836	6.09	cps
Molybdenum	97-1	417	383	392	397	4.37	cps
Molybdenum	98-1	958	1267	967	1064	16.51	cps
Neodymium	150-1	20	33	7	20	66.65	cps
Neodymium	150-2	3	17	3	8	99.04	cps
Nickel	60-2	200	187	240	209	13.29	cps
Phosphorus	31-2	42	75	50	56	31.22	cps
Potassium	39-2	56679	55868	56880	56475	0.95	cps
Rhodium	103-1	7866223	8148615	7855406	7956748	2.09	cps
Rhodium	103-2	3577661	3661902	3559370	3599644	1.52	cps
Scandium	45-1	6448122	6198669	6349710	6332167	1.98	cps
Scandium	45-2	187735	188856	190977	189189	0.87	cps
Selenium	82-1	-82	-27	71	-12	-623.43	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	59	37	44	47	24.10	cps
Silicon	28-1	5654067	5458980	5547666	5553571	1.76	cps
Silver	107-1	192	275	292	253	21.20	cps
Silver	109-1	175	175	142	164	11.74	cps
Sodium	23-2	5043261	4996425	5078768	5039485	0.82	cps
Strontium	86-1	238407	238531	237478	238139	0.24	cps
Strontium	88-1	2053705	2042976	2057751	2051477	0.37	cps
Sulfur	34-1	838109	827351	838633	834698	0.76	cps
Terbium	159-1	10227219	10220039	9999983	10149080	1.27	cps
Terbium	159-2	4116493	4069503	4194469	4126821	1.53	cps
Thallium	203-1	642	542	458	547	16.77	cps
Thallium	205-1	1267	1283	1192	1247	3.92	cps
Tin	118-1	5293	5976	5626	5632	6.07	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-20LX5	Instrumnet Name :	P8
Client Sample ID :	MH1F52L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 19:15:37	DataFile Name :	128AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	442	258	400	367	26.21	cps
Uranium	238-1	4376	4593	4676	4548	3.41	cps
Vanadium	51-2	97	147	117	120	20.97	cps
Ytterbium	172-1	50	17	33	33	50.00	cps
Ytterbium	172-2	22	17	11	17	33.33	cps
Ytterbium	176-1	1100	1050	950	1033	7.39	cps
Ytterbium	176-2	5885	6502	6129	6172	5.03	cps
Yttrium	89-1	16248863	16321871	15883739	16151491	1.45	cps
Yttrium	89-2	1551684	1539395	1527927	1539669	0.77	cps
Zinc	66-2	16877	16693	16650	16740	0.72	cps
Zirconium	90-1	725	817	917	819	11.70	cps
Zirconium	91-1	233	150	175	186	22.98	cps

LB Number : LB117862 Operator : Jaswal
 Lab Sample ID : M5049-22 Instrumnet Name : P8
 Client Sample ID : MH1F52S Dilution Factor : 1
 Date & Time Acquired :: 2021-12-16 19:18:38 DataFile Name : 129AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	79663	78332	78690	78895	0.87	cps
Antimony	121-1	482957	490408	488881	487415	0.81	cps
Arsenic	75-2	5713	5425	5685	5607	2.83	cps
Barium	135-1	2429549	2575444	2534873	2513289	3.00	cps
Barium	137-1	5655233	5775745	5912745	5781241	2.23	cps
Beryllium	9-1	60944	61556	63928	62143	2.54	cps
Bismuth	209-1	4665455	4691430	4884452	4747112	2.52	cps
Bismuth	209-2	2539714	2550456	2678521	2589564	2.98	cps
Boron	10-1	4880	5190	5096	5055	3.14	cps
Boron	11-1	24051	25630	26082	25254	4.22	cps
Bromine	81-1	27566	27054	27726	27449	1.28	cps
Cadmium	111-1	56399	57730	58650	57593	1.97	cps
Cadmium	106-1	8253	8336	8478	8356	1.36	cps
Cadmium	108-1	3751	4067	3909	3909	4.05	cps
Calcium	43-1	2383316	2414964	2401500	2399927	0.66	cps
Calcium	44-1	36972942	37231125	38299093	37501053	1.87	cps
Carbon	12-1	7681923	8394811	9079002	8385246	8.33	cps
Carbon	12-2	103381	101083	105160	103208	1.98	cps
Chlorine	35-1	7517285	8513620	9309482	8446796	10.63	cps
Chlorine	35-2	69291	69158	74568	71005	4.35	cps
Chromium	52-2	295006	296060	302396	297821	1.34	cps
Cobalt	59-2	1333178	1305129	1318696	1319001	1.06	cps
Copper	63-2	495333	493908	498638	495960	0.49	cps
Dysprosium	156-1	25	83	33	47	66.82	cps
Dysprosium	156-2	20	3	27	17	72.13	cps
Erbium	164-1	75	100	67	81	21.53	cps
Erbium	164-2	27	50	43	40	30.04	cps
Gadolinium	160-1	42	67	50	53	24.12	cps
Gadolinium	160-2	73	100	37	70	45.42	cps
Holmium	165-1	7862048	8155198	8556674	8191307	4.26	cps
Holmium	165-2	3758123	3834706	3786273	3793034	1.02	cps
Indium	115-1	6719810	7376341	7208390	7101514	4.80	cps
Indium	115-2	1008030	1009151	1013406	1010196	0.28	cps
Iron	54-2	84353	82867	84421	83881	1.05	cps
Iron	56-2	1421066	1347721	1395632	1388140	2.68	cps
Iron	57-2	36219	36068	35756	36014	0.65	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-22	Instrumnet Name :	P8
Client Sample ID :	MH1F52S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:18:38	DataFile Name :	129AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1147	1063	1220	1143	6.86	cps
Lead	206-1	103829	106861	105554	105414	1.44	cps
Lead	207-1	93475	94084	95519	94359	1.11	cps
Lead	208-1	420871	426992	430109	425991	1.10	cps
Lithium	6-1	2616710	2765377	2814936	2732341	3.78	cps
Magnesium	24-2	3600850	3685032	3581810	3622564	1.52	cps
Manganese	55-2	472212	462078	473420	469237	1.33	cps
Molybdenum	94-1	2050	2259	2359	2222	7.08	cps
Molybdenum	95-1	3000	3092	3267	3120	4.34	cps
Molybdenum	96-1	3384	3834	3917	3712	7.73	cps
Molybdenum	97-1	1917	1892	1892	1900	0.76	cps
Molybdenum	98-1	5301	5493	4976	5257	4.97	cps
Neodymium	150-1	193	107	193	164	30.43	cps
Neodymium	150-2	7	13	10	10	33.30	cps
Nickel	60-2	350610	355990	360263	355621	1.36	cps
Phosphorus	31-2	108	133	142	128	13.57	cps
Potassium	39-2	207414	208884	211491	209263	0.99	cps
Rhodium	103-1	6265370	6864301	6776960	6635544	4.88	cps
Rhodium	103-2	3133527	3009082	3088545	3077051	2.05	cps
Scandium	45-1	5184366	5566770	5605211	5452116	4.27	cps
Scandium	45-2	171621	169904	172206	171244	0.70	cps
Selenium	82-1	7906	8357	8138	8134	2.78	cps
Selenium	77-2	223	243	230	232	4.39	cps
Selenium	78-2	840	829	766	812	4.92	cps
Silicon	28-1	23194239	23704204	24231395	23709946	2.19	cps
Silver	107-1	330208	333791	352522	338840	3.54	cps
Silver	109-1	319356	319688	328936	322660	1.69	cps
Sodium	23-2	24791271	24428729	24859136	24693045	0.94	cps
Strontium	86-1	1053321	1083736	1151279	1096112	4.57	cps
Strontium	88-1	9109511	9667538	9673126	9483392	3.41	cps
Sulfur	34-1	1816244	1841433	1809755	1822477	0.92	cps
Terbium	159-1	8264524	8812887	8747718	8608376	3.48	cps
Terbium	159-2	3718327	3686867	3761047	3722080	1.00	cps
Thallium	203-1	195214	207579	208153	203649	3.59	cps
Thallium	205-1	467355	486397	493927	482560	2.84	cps
Tin	118-1	17511	17512	17487	17503	0.08	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-22	Instrumnet Name :	P8
Client Sample ID :	MH1F52S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:18:38	DataFile Name :	129AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	892	825	858	858	3.88	cps
Uranium	238-1	21310	21101	20400	20937	2.28	cps
Vanadium	51-2	605649	596572	602114	601445	0.76	cps
Ytterbium	172-1	58	33	42	44	28.64	cps
Ytterbium	172-2	17	28	6	17	66.65	cps
Ytterbium	176-1	775	808	958	847	11.53	cps
Ytterbium	176-2	4790	5273	5401	5155	6.26	cps
Yttrium	89-1	12617624	14251833	14224202	13697886	6.83	cps
Yttrium	89-2	1365172	1335669	1343843	1348228	1.13	cps
Zinc	66-2	165315	162190	168963	165489	2.05	cps
Zirconium	90-1	1217	1108	1509	1278	16.20	cps
Zirconium	91-1	342	317	350	336	5.16	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-20A	Instrumnet Name :	P8
Client Sample ID :	MH1E30A	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:21:33	DataFile Name :	130AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3776	4005	3766	3849	3.51	cps
Antimony	121-1	30301	30293	30894	30496	1.13	cps
Arsenic	75-2	781	737	719	746	4.28	cps
Barium	135-1	72050	71071	72495	71872	1.01	cps
Barium	137-1	168770	169877	167683	168777	0.65	cps
Beryllium	9-1	166	162	154	161	3.80	cps
Bismuth	209-1	5846282	5526180	5669481	5680648	2.82	cps
Bismuth	209-2	2902009	2659914	2876818	2812914	4.73	cps
Boron	10-1	5656	5804	5766	5742	1.34	cps
Boron	11-1	27234	27809	28244	27762	1.82	cps
Bromine	81-1	29191	28759	29822	29257	1.83	cps
Cadmium	111-1	1802	1823	1723	1783	2.98	cps
Cadmium	106-1	4134	3442	3701	3759	9.30	cps
Cadmium	108-1	154	100	142	132	21.50	cps
Calcium	43-1	2427953	2393972	2388847	2403591	0.88	cps
Calcium	44-1	39607447	38996733	38860209	39154796	1.02	cps
Carbon	12-1	7373780	7793452	8183288	7783507	5.20	cps
Carbon	12-2	95948	93481	94647	94692	1.30	cps
Chlorine	35-1	5295948	5421858	5648729	5455512	3.28	cps
Chlorine	35-2	35461	36580	36873	36305	2.05	cps
Chromium	52-2	967	1063	890	973	8.92	cps
Cobalt	59-2	1013	1107	1130	1083	5.70	cps
Copper	63-2	7052	6948	6515	6838	4.17	cps
Dysprosium	156-1	100	75	67	81	21.53	cps
Dysprosium	156-2	33	37	23	31	22.31	cps
Erbium	164-1	83	133	192	136	39.83	cps
Erbium	164-2	33	40	70	48	40.88	cps
Gadolinium	160-1	117	150	133	133	12.50	cps
Gadolinium	160-2	80	87	120	96	22.43	cps
Holmium	165-1	9981035	9802780	9817359	9867058	1.00	cps
Holmium	165-2	4236390	3948510	4133096	4105998	3.55	cps
Indium	115-1	8424905	8265300	8233133	8307779	1.24	cps
Indium	115-2	1126345	1029609	1092230	1082728	4.53	cps
Iron	54-2	25072	24521	24672	24755	1.15	cps
Iron	56-2	440643	448841	442440	443974	0.97	cps
Iron	57-2	13751	14847	14508	14369	3.90	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-20A	Instrumnet Name :	P8
Client Sample ID :	MH1E30A	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:21:33	DataFile Name :	130AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1160	1210	1220	1197	2.69	cps
Lead	206-1	131157	130486	132218	131287	0.67	cps
Lead	207-1	113852	112306	115904	114021	1.58	cps
Lead	208-1	532534	523495	527295	527774	0.86	cps
Lithium	6-1	3262979	3014903	3256313	3178065	4.45	cps
Magnesium	24-2	3346824	3500088	3324608	3390507	2.82	cps
Manganese	55-2	199935	200162	199229	199775	0.24	cps
Molybdenum	94-1	2659	2750	2667	2692	1.88	cps
Molybdenum	95-1	3425	3734	3259	3473	6.94	cps
Molybdenum	96-1	3884	4026	3526	3812	6.76	cps
Molybdenum	97-1	2059	2442	2225	2242	8.57	cps
Molybdenum	98-1	5526	5818	5576	5640	2.77	cps
Neodymium	150-1	167	120	187	158	21.68	cps
Neodymium	150-2	30	60	33	41	40.00	cps
Nickel	60-2	780	947	977	901	11.76	cps
Phosphorus	31-2	67	167	208	147	49.45	cps
Potassium	39-2	213731	212341	204289	210120	2.43	cps
Rhodium	103-1	8093657	7653012	8017115	7921261	2.97	cps
Rhodium	103-2	3469423	3210260	3304845	3328176	3.94	cps
Scandium	45-1	6601830	6744366	6522225	6622807	1.70	cps
Scandium	45-2	190423	172287	180661	181124	5.01	cps
Selenium	82-1	129	57	106	97	37.91	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	59	46	37	47	23.38	cps
Silicon	28-1	24962410	25755469	25661241	25459707	1.70	cps
Silver	107-1	15885	16185	15793	15954	1.29	cps
Silver	109-1	15017	14909	15234	15053	1.10	cps
Sodium	23-2	24150826	25133235	24230150	24504737	2.23	cps
Strontium	86-1	1088469	1053951	1098817	1080412	2.17	cps
Strontium	88-1	9252034	9097037	9375738	9241603	1.51	cps
Sulfur	34-1	1811680	1845070	1846801	1834517	1.08	cps
Terbium	159-1	10314345	10188488	10073637	10192157	1.18	cps
Terbium	159-2	4204159	3869279	4106857	4060098	4.24	cps
Thallium	203-1	842	925	908	892	4.95	cps
Thallium	205-1	1950	1984	2267	2067	8.42	cps
Tin	118-1	10480	9795	9996	10090	3.49	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5046-20A	Instrumnet Name :	P8
Client Sample ID :	MH1E30A	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:21:33	DataFile Name :	130AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2542	2450	2400	2464	2.92	cps
Uranium	238-1	21060	21251	20843	21051	0.97	cps
Vanadium	51-2	760	663	803	742	9.66	cps
Ytterbium	172-1	42	42	42	42	0.00	cps
Ytterbium	172-2	39	17	33	30	39.02	cps
Ytterbium	176-1	1283	1167	1083	1178	8.53	cps
Ytterbium	176-2	5674	5385	5646	5568	2.86	cps
Yttrium	89-1	16174473	15815335	16078883	16022897	1.16	cps
Yttrium	89-2	1531696	1374100	1472421	1459405	5.45	cps
Zinc	66-2	72846	76342	75135	74774	2.37	cps
Zirconium	90-1	1725	1542	1358	1542	11.89	cps
Zirconium	91-1	317	325	367	336	7.97	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-20A	Instrumnet Name :	P8
Client Sample ID :	MH1F52A	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:24:31	DataFile Name :	131AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	847	720	1010	859	16.93	cps
Antimony	121-1	29207	29558	30543	29769	2.33	cps
Arsenic	75-2	526	513	520	520	1.25	cps
Barium	135-1	73550	73191	75737	74159	1.86	cps
Barium	137-1	170258	168292	171563	170038	0.97	cps
Beryllium	9-1	136	86	106	109	23.02	cps
Bismuth	209-1	5375862	5366931	5469696	5404163	1.05	cps
Bismuth	209-2	2775639	2902797	2843860	2840766	2.24	cps
Boron	10-1	5456	5850	5820	5709	3.84	cps
Boron	11-1	26593	27054	28422	27356	3.48	cps
Bromine	81-1	32963	34468	37007	34813	5.87	cps
Cadmium	111-1	1884	1813	1893	1863	2.37	cps
Cadmium	106-1	3526	3601	3834	3653	4.40	cps
Cadmium	108-1	158	125	154	146	12.46	cps
Calcium	43-1	2705833	2526585	2701978	2644799	3.87	cps
Calcium	44-1	42592958	40717947	43029849	42113585	2.92	cps
Carbon	12-1	7647808	8328371	8567242	8181140	5.83	cps
Carbon	12-2	97960	101445	102549	100651	2.38	cps
Chlorine	35-1	5123118	5147438	5619278	5296611	5.28	cps
Chlorine	35-2	38544	37290	39070	38301	2.39	cps
Chromium	52-2	1057	1103	1113	1091	2.77	cps
Cobalt	59-2	893	827	827	849	4.53	cps
Copper	63-2	3944	3971	3864	3926	1.41	cps
Dysprosium	156-1	50	8	25	28	75.51	cps
Dysprosium	156-2	10	7	7	8	24.71	cps
Erbium	164-1	117	92	42	83	45.82	cps
Erbium	164-2	40	33	33	36	10.83	cps
Gadolinium	160-1	92	92	67	83	17.32	cps
Gadolinium	160-2	80	63	63	69	13.97	cps
Holmium	165-1	9599528	9244192	9142901	9328874	2.57	cps
Holmium	165-2	4034329	4115105	4231901	4127112	2.41	cps
Indium	115-1	8047184	8112668	8100982	8086945	0.43	cps
Indium	115-2	1087645	1108707	1111710	1102687	1.19	cps
Iron	54-2	13312	12050	12539	12634	5.04	cps
Iron	56-2	224626	220554	220028	221736	1.13	cps
Iron	57-2	8669	8831	9098	8866	2.44	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-20A	Instrumnet Name :	P8
Client Sample ID :	MH1F52A	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:24:31	DataFile Name :	131AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1083	1170	1110	1121	3.96	cps
Lead	206-1	44794	44610	46032	45145	1.71	cps
Lead	207-1	40224	39321	39009	39518	1.60	cps
Lead	208-1	182618	181291	182843	182251	0.46	cps
Lithium	6-1	3144685	3129431	3106342	3126819	0.62	cps
Magnesium	24-2	4049561	3839213	3870378	3919717	2.90	cps
Manganese	55-2	135061	134281	134038	134460	0.40	cps
Molybdenum	94-1	2342	2600	2600	2514	5.93	cps
Molybdenum	95-1	3275	3376	3526	3392	3.71	cps
Molybdenum	96-1	4067	3667	3817	3851	5.25	cps
Molybdenum	97-1	2150	2125	1775	2017	10.40	cps
Molybdenum	98-1	5285	5460	5868	5537	5.41	cps
Neodymium	150-1	27	53	33	38	36.73	cps
Neodymium	150-2	10	0	13	8	89.21	cps
Nickel	60-2	767	807	707	760	6.62	cps
Phosphorus	31-2	175	200	158	178	11.80	cps
Potassium	39-2	232566	223269	224021	226619	2.28	cps
Rhodium	103-1	7676067	7773421	7685155	7711548	0.70	cps
Rhodium	103-2	3368275	3432703	3337750	3379576	1.43	cps
Scandium	45-1	6305417	6205868	6517201	6342828	2.51	cps
Scandium	45-2	182930	185923	187373	185409	1.22	cps
Selenium	82-1	197	73	132	134	46.54	cps
Selenium	77-2	7	0	7	4	86.60	cps
Selenium	78-2	48	44	47	46	4.50	cps
Silicon	28-1	26354799	26469589	27190868	26671752	1.70	cps
Silver	107-1	13407	14174	14800	14127	4.94	cps
Silver	109-1	13031	12890	13115	13012	0.88	cps
Sodium	23-2	26416836	25702831	25831750	25983806	1.46	cps
Strontium	86-1	1163851	1201772	1212249	1192624	2.14	cps
Strontium	88-1	9999883	10439924	10259947	10233251	2.16	cps
Sulfur	34-1	2018382	1952755	2074303	2015147	3.02	cps
Terbium	159-1	10155723	9791387	10094435	10013848	1.95	cps
Terbium	159-2	3991070	4060743	4082806	4044873	1.18	cps
Thallium	203-1	892	942	833	889	6.10	cps
Thallium	205-1	2200	2000	2092	2097	4.77	cps
Tin	118-1	8870	9070	8895	8945	1.22	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5049-20A	Instrumnet Name :	P8
Client Sample ID :	MH1F52A	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:24:31	DataFile Name :	131AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1058	1183	1075	1106	6.14	cps
Uranium	238-1	23155	21944	23255	22785	3.20	cps
Vanadium	51-2	460	467	490	472	3.34	cps
Ytterbium	172-1	58	42	42	47	20.38	cps
Ytterbium	172-2	17	17	17	17	0.00	cps
Ytterbium	176-1	1058	1042	808	970	14.42	cps
Ytterbium	176-2	5440	6007	5807	5751	5.00	cps
Yttrium	89-1	15759909	15592643	15491658	15614737	0.87	cps
Yttrium	89-2	1451932	1494596	1493234	1479921	1.64	cps
Zinc	66-2	81209	81896	80211	81105	1.05	cps
Zirconium	90-1	1017	1183	1100	1100	7.58	cps
Zirconium	91-1	183	200	292	225	25.93	cps

LB Number : LB117862 Operator : Jaswal
 Lab Sample ID : M5043-01 Instrumnet Name : P8
 Client Sample ID : MH1G62 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-16 19:27:28 DataFile Name : 132AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	482709	485009	480075	482598	0.51	cps
Antimony	121-1	119857	120311	119512	119893	0.33	cps
Arsenic	75-2	8726	8726	8709	8720	0.11	cps
Barium	135-1	281683	286979	274670	281111	2.20	cps
Barium	137-1	648526	655381	657826	653911	0.74	cps
Beryllium	9-1	1968	1802	1796	1855	5.26	cps
Bismuth	209-1	5606039	5681872	5720121	5669344	1.02	cps
Bismuth	209-2	2996959	2915078	2898303	2936780	1.80	cps
Boron	10-1	2710	2952	2842	2834	4.28	cps
Boron	11-1	13233	13386	13726	13448	1.87	cps
Bromine	81-1	22772	22842	22130	22581	1.74	cps
Cadmium	111-1	29476	30730	29599	29935	2.31	cps
Cadmium	106-1	7235	6919	6593	6916	4.64	cps
Cadmium	108-1	2088	2138	2234	2153	3.44	cps
Calcium	43-1	1772682	1813912	1795915	1794170	1.15	cps
Calcium	44-1	28436273	27893744	27952705	28094241	1.06	cps
Carbon	12-1	5462518	5338893	5333809	5378407	1.36	cps
Carbon	12-2	57338	56200	55130	56223	1.96	cps
Chlorine	35-1	15011340	18286143	20751217	18016233	15.98	cps
Chlorine	35-2	152921	161267	170102	161430	5.32	cps
Chromium	52-2	42363	43265	42483	42704	1.15	cps
Cobalt	59-2	67456	66217	67165	66946	0.97	cps
Copper	63-2	152344	153900	154161	153468	0.64	cps
Dysprosium	156-1	25400	25993	27145	26179	3.39	cps
Dysprosium	156-2	10104	10197	9847	10049	1.80	cps
Erbium	164-1	19507	19782	18856	19381	2.45	cps
Erbium	164-2	8306	7572	7629	7836	5.21	cps
Gadolinium	160-1	22094	21894	21852	21946	0.59	cps
Gadolinium	160-2	10117	10691	10431	10413	2.76	cps
Holmium	165-1	9870447	9727083	9376740	9658090	2.63	cps
Holmium	165-2	4344190	4309482	4167250	4273641	2.19	cps
Indium	115-1	8546148	8267131	8543820	8452366	1.90	cps
Indium	115-2	1139808	1128098	1126299	1131402	0.65	cps
Iron	54-2	1556363	1532080	1526277	1538240	1.04	cps
Iron	56-2	27533892	27509575	27767533	27603666	0.52	cps
Iron	57-2	661468	687134	682541	677047	2.02	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-01	Instrumnet Name :	P8
Client Sample ID :	MH1G62	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:27:28	DataFile Name :	132AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1097	1107	1260	1155	7.93	cps
Lead	206-1	2646263	2660431	2718158	2674951	1.42	cps
Lead	207-1	2349849	2321176	2305538	2325521	0.97	cps
Lead	208-1	10616852	10667634	10737028	10673838	0.57	cps
Lithium	6-1	3343150	3034570	3115127	3164282	5.06	cps
Magnesium	24-2	3096777	3178661	3138660	3138033	1.30	cps
Manganese	55-2	2115580	2072118	2102831	2096843	1.07	cps
Molybdenum	94-1	18730	18671	18271	18557	1.35	cps
Molybdenum	95-1	3951	4084	4242	4092	3.57	cps
Molybdenum	96-1	7636	7836	7594	7688	1.68	cps
Molybdenum	97-1	2475	2567	2684	2575	4.06	cps
Molybdenum	98-1	6560	6960	6585	6702	3.35	cps
Neodymium	150-1	42942	43745	43966	43551	1.24	cps
Neodymium	150-2	13157	13076	13110	13114	0.31	cps
Nickel	60-2	18435	18272	18809	18506	1.49	cps
Phosphorus	31-2	5918	6118	6026	6021	1.66	cps
Potassium	39-2	126470	125605	125402	125826	0.45	cps
Rhodium	103-1	8036319	7767020	7575717	7793019	2.97	cps
Rhodium	103-2	3640531	3474167	3509330	3541342	2.48	cps
Scandium	45-1	6516667	6354314	6348293	6406424	1.49	cps
Scandium	45-2	188105	187359	190694	188719	0.93	cps
Selenium	82-1	259	239	120	206	36.53	cps
Selenium	77-2	53	80	57	63	22.94	cps
Selenium	78-2	79	85	75	80	6.32	cps
Silicon	28-1	14434623	14837937	14208560	14493707	2.20	cps
Silver	107-1	21409	22043	23321	22258	4.37	cps
Silver	109-1	21467	21584	20382	21145	3.13	cps
Sodium	23-2	138432	137311	137960	137901	0.41	cps
Strontium	86-1	254685	258520	251191	254799	1.44	cps
Strontium	88-1	2150657	2239237	2187406	2192433	2.03	cps
Sulfur	34-1	464599	469386	468212	467399	0.53	cps
Terbium	159-1	10279767	10024208	10046275	10116750	1.40	cps
Terbium	159-2	4208794	4093043	4144577	4148805	1.40	cps
Thallium	203-1	7544	7477	7577	7533	0.68	cps
Thallium	205-1	17629	18664	18138	18144	2.85	cps
Tin	118-1	10262	10529	10880	10557	2.93	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-01	Instrumnet Name :	P8
Client Sample ID :	MH1G62	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:27:28	DataFile Name :	132AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	174392	189638	173059	179030	5.14	cps
Uranium	238-1	22846	23606	22671	23041	2.16	cps
Vanadium	51-2	45837	45352	45961	45716	0.70	cps
Ytterbium	172-1	5876	6085	5460	5807	5.48	cps
Ytterbium	172-2	3012	2800	2645	2819	6.53	cps
Ytterbium	176-1	4342	4618	4551	4504	3.19	cps
Ytterbium	176-2	7725	7658	8130	7838	3.26	cps
Yttrium	89-1	16681518	16732059	16320966	16578181	1.35	cps
Yttrium	89-2	1576098	1571526	1587695	1578440	0.53	cps
Zinc	66-2	955995	966214	961165	961125	0.53	cps
Zirconium	90-1	44363	43862	44514	44246	0.77	cps
Zirconium	91-1	9495	9487	9503	9495	0.09	cps

LB Number : LB117862 Operator : Jaswal
 Lab Sample ID : M5043-02 Instrumnet Name : P8
 Client Sample ID : MH1G63 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-16 19:30:24 DataFile Name : 133AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	505604	504363	503515	504494	0.21	cps
Antimony	121-1	195038	191031	188423	191497	1.74	cps
Arsenic	75-2	10130	9903	9702	9912	2.16	cps
Barium	135-1	239395	238275	240862	239511	0.54	cps
Barium	137-1	555255	552213	559647	555705	0.67	cps
Beryllium	9-1	1432	1408	1516	1452	3.91	cps
Bismuth	209-1	5613407	5807778	5897391	5772859	2.51	cps
Bismuth	209-2	3049036	2994416	2910465	2984639	2.34	cps
Boron	10-1	1696	1762	1704	1720	2.09	cps
Boron	11-1	8059	8091	8177	8109	0.75	cps
Bromine	81-1	22090	21228	22702	22007	3.37	cps
Cadmium	111-1	65759	65568	65588	65638	0.16	cps
Cadmium	106-1	10588	9420	9729	9912	6.10	cps
Cadmium	108-1	4784	4868	4697	4783	1.79	cps
Calcium	43-1	179762	176918	179054	178578	0.83	cps
Calcium	44-1	2853218	2849072	2912476	2871589	1.24	cps
Carbon	12-1	5364744	5561780	5502587	5476371	1.85	cps
Carbon	12-2	61128	58802	59831	59920	1.95	cps
Chlorine	35-1	24447129	28843113	31314100	28201447	12.33	cps
Chlorine	35-2	225708	226115	232178	228001	1.59	cps
Chromium	52-2	45797	45245	45419	45487	0.62	cps
Cobalt	59-2	34769	35484	35408	35220	1.11	cps
Copper	63-2	285154	287418	289206	287259	0.71	cps
Dysprosium	156-1	27696	27220	26494	27137	2.23	cps
Dysprosium	156-2	10544	10568	11041	10718	2.62	cps
Erbium	164-1	20825	20024	19072	19974	4.39	cps
Erbium	164-2	8439	8363	7949	8250	3.20	cps
Gadolinium	160-1	23905	22903	23822	23544	2.36	cps
Gadolinium	160-2	11532	11885	11332	11583	2.42	cps
Holmium	165-1	9674646	9808749	9870139	9784511	1.02	cps
Holmium	165-2	4222222	4260828	4217456	4233502	0.56	cps
Indium	115-1	8368155	8373060	8493676	8411630	0.85	cps
Indium	115-2	1142793	1146600	1135415	1141603	0.50	cps
Iron	54-2	1854094	1784436	1784310	1807614	2.23	cps
Iron	56-2	32516545	31855985	31816959	32063163	1.23	cps
Iron	57-2	785726	788412	785189	786442	0.22	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-02	Instrumnet Name :	P8
Client Sample ID :	MH1G63	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:30:24	DataFile Name :	133AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1093	1210	1270	1191	7.54	cps
Lead	206-1	5101621	5186452	5154439	5147504	0.83	cps
Lead	207-1	4479578	4392930	4491406	4454638	1.21	cps
Lead	208-1	20309466	20418438	20482110	20403338	0.43	cps
Lithium	6-1	3059652	3184092	3257658	3167134	3.16	cps
Magnesium	24-2	836795	822538	801121	820151	2.19	cps
Manganese	55-2	202806	202088	198675	201190	1.10	cps
Molybdenum	94-1	20432	20332	20841	20535	1.31	cps
Molybdenum	95-1	4776	4709	4626	4704	1.60	cps
Molybdenum	96-1	8361	8895	9162	8806	4.63	cps
Molybdenum	97-1	2775	2567	2509	2617	5.36	cps
Molybdenum	98-1	7044	6935	7577	7185	4.78	cps
Neodymium	150-1	51512	52784	51519	51939	1.41	cps
Neodymium	150-2	15863	15516	15389	15589	1.57	cps
Nickel	60-2	18349	18025	17775	18049	1.59	cps
Phosphorus	31-2	4009	4267	4492	4256	5.68	cps
Potassium	39-2	256179	257317	255943	256480	0.29	cps
Rhodium	103-1	8011261	8133947	8239654	8128287	1.41	cps
Rhodium	103-2	3547749	3512463	3602287	3554166	1.27	cps
Scandium	45-1	6376376	6360980	6520190	6419182	1.37	cps
Scandium	45-2	193054	190796	188545	190798	1.18	cps
Selenium	82-1	482	425	321	409	19.99	cps
Selenium	77-2	83	73	90	82	10.20	cps
Selenium	78-2	120	107	108	112	6.48	cps
Silicon	28-1	5709519	5618447	5577764	5635243	1.20	cps
Silver	107-1	63037	61974	63346	62786	1.15	cps
Silver	109-1	62585	58375	61823	60928	3.68	cps
Sodium	23-2	187653	188722	187601	187992	0.34	cps
Strontium	86-1	58130	60649	58414	59064	2.34	cps
Strontium	88-1	496759	503197	497991	499316	0.68	cps
Sulfur	34-1	754386	737501	742694	744860	1.16	cps
Terbium	159-1	9928813	9934380	10586568	10149920	3.73	cps
Terbium	159-2	4292682	4094120	4105343	4164048	2.68	cps
Thallium	203-1	8278	8403	8870	8517	3.66	cps
Thallium	205-1	20166	22236	20717	21040	5.10	cps
Tin	118-1	11997	11864	11513	11792	2.12	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-02	Instrumnet Name :	P8
Client Sample ID :	MH1G63	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:30:24	DataFile Name :	133AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	468215	473128	476625	472656	0.89	cps
Uranium	238-1	24441	25485	25526	25150	2.45	cps
Vanadium	51-2	43051	42904	42904	42953	0.20	cps
Ytterbium	172-1	5485	5685	5685	5618	2.06	cps
Ytterbium	172-2	2645	2600	3023	2756	8.42	cps
Ytterbium	176-1	4809	4726	4993	4843	2.82	cps
Ytterbium	176-2	7647	7675	7386	7569	2.11	cps
Yttrium	89-1	16260589	16462641	16580697	16434642	0.98	cps
Yttrium	89-2	1555044	1567178	1536861	1553028	0.98	cps
Zinc	66-2	1258124	1217965	1216773	1230954	1.91	cps
Zirconium	90-1	51864	50877	51095	51279	1.01	cps
Zirconium	91-1	11271	11697	11714	11561	2.17	cps

LB Number : LB117862 Operator : Jaswal
 Lab Sample ID : M5043-03 Instrumnet Name : P8
 Client Sample ID : MH1G64 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-16 19:33:22 DataFile Name : 134AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	210590	210154	211531	210758	0.33	cps
Antimony	121-1	248017	247253	245499	246923	0.52	cps
Arsenic	75-2	12502	12457	12493	12484	0.19	cps
Barium	135-1	111853	112004	112407	112088	0.26	cps
Barium	137-1	265650	263890	262624	264054	0.58	cps
Beryllium	9-1	720	734	688	714	3.30	cps
Bismuth	209-1	5644229	5777445	5718734	5713469	1.17	cps
Bismuth	209-2	2961340	2972201	2973581	2969041	0.23	cps
Boron	10-1	1444	1642	1596	1560	6.64	cps
Boron	11-1	7370	7406	7404	7394	0.27	cps
Bromine	81-1	22953	22712	23925	23197	2.77	cps
Cadmium	111-1	42757	42955	42698	42803	0.31	cps
Cadmium	106-1	8169	7794	7944	7969	2.37	cps
Cadmium	108-1	3225	2892	2825	2981	7.19	cps
Calcium	43-1	886260	883920	886040	885407	0.15	cps
Calcium	44-1	14278431	13966671	14947500	14397534	3.48	cps
Carbon	12-1	6430611	6310988	6557587	6433062	1.92	cps
Carbon	12-2	71048	72203	68536	70596	2.66	cps
Chlorine	35-1	26440992	29220084	31293782	28984953	8.40	cps
Chlorine	35-2	214921	222468	228560	221983	3.08	cps
Chromium	52-2	20722	20401	20228	20450	1.23	cps
Cobalt	59-2	18769	18469	18245	18494	1.42	cps
Copper	63-2	369089	369223	366119	368143	0.48	cps
Dysprosium	156-1	8353	8228	8636	8406	2.49	cps
Dysprosium	156-2	3501	3547	3404	3484	2.10	cps
Erbium	164-1	7327	7327	7728	7461	3.10	cps
Erbium	164-2	3160	3187	2940	3096	4.37	cps
Gadolinium	160-1	8194	8119	7978	8097	1.36	cps
Gadolinium	160-2	3984	3914	4064	3987	1.88	cps
Holmium	165-1	9637982	10173001	9798927	9869970	2.78	cps
Holmium	165-2	4250410	4247048	4217585	4238348	0.43	cps
Indium	115-1	8563634	8426461	8595246	8528447	1.05	cps
Indium	115-2	1156565	1155614	1138821	1150333	0.87	cps
Iron	54-2	1015306	1031074	1049440	1031940	1.66	cps
Iron	56-2	19225007	19514169	19414246	19384474	0.76	cps
Iron	57-2	472006	473198	472447	472550	0.13	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-03	Instrumnet Name :	P8
Client Sample ID :	MH1G64	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:33:22	DataFile Name :	134AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1103	1197	1200	1167	4.70	cps
Lead	206-1	7541936	7706313	7660668	7636306	1.11	cps
Lead	207-1	6595937	6609102	6576328	6593789	0.25	cps
Lead	208-1	30133861	30648561	30551154	30444525	0.90	cps
Lithium	6-1	3151863	3196852	3085632	3144782	1.78	cps
Magnesium	24-2	574333	596876	600578	590596	2.41	cps
Manganese	55-2	554237	558066	543495	551933	1.37	cps
Molybdenum	94-1	6518	6443	6185	6382	2.74	cps
Molybdenum	95-1	4701	4484	4576	4587	2.37	cps
Molybdenum	96-1	5918	5868	5660	5815	2.36	cps
Molybdenum	97-1	2800	2734	2634	2723	3.08	cps
Molybdenum	98-1	7160	6819	7044	7008	2.48	cps
Neodymium	150-1	13520	13334	13654	13503	1.19	cps
Neodymium	150-2	4067	4254	4151	4157	2.25	cps
Nickel	60-2	10414	10514	10324	10417	0.91	cps
Phosphorus	31-2	1808	2109	1867	1928	8.25	cps
Potassium	39-2	90980	89881	91456	90772	0.89	cps
Rhodium	103-1	8100451	8107862	7995669	8067994	0.78	cps
Rhodium	103-2	3683133	3510625	3660957	3618238	2.59	cps
Scandium	45-1	6408908	6503811	6544035	6485585	1.07	cps
Scandium	45-2	189069	189821	192004	190298	0.80	cps
Selenium	82-1	621	514	507	547	11.66	cps
Selenium	77-2	23	20	47	30	48.44	cps
Selenium	78-2	95	100	106	100	5.49	cps
Silicon	28-1	4280851	4273202	4388511	4314188	1.49	cps
Silver	107-1	97722	101751	98142	99205	2.23	cps
Silver	109-1	96700	95405	91413	94506	2.92	cps
Sodium	23-2	128599	130752	134973	131441	2.47	cps
Strontium	86-1	165467	169555	165687	166903	1.38	cps
Strontium	88-1	1441616	1416331	1465324	1441090	1.70	cps
Sulfur	34-1	816388	829644	840233	828755	1.44	cps
Terbium	159-1	10167908	10341726	10433911	10314515	1.31	cps
Terbium	159-2	4271313	4219360	4187169	4225948	1.00	cps
Thallium	203-1	9746	9846	10630	10074	4.81	cps
Thallium	205-1	24198	22921	24190	23770	3.09	cps
Tin	118-1	13157	13483	13374	13338	1.24	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-03	Instrumnet Name :	P8
Client Sample ID :	MH1G64	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:33:22	DataFile Name :	134AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	87517	88742	89329	88529	1.04	cps
Uranium	238-1	26428	25335	26119	25961	2.17	cps
Vanadium	51-2	20284	20301	19630	20072	1.91	cps
Ytterbium	172-1	2384	2400	2159	2314	5.83	cps
Ytterbium	172-2	1033	1128	1083	1082	4.37	cps
Ytterbium	176-1	2609	2800	2250	2553	10.94	cps
Ytterbium	176-2	6574	6140	6630	6448	4.15	cps
Yttrium	89-1	16374896	16563757	16332825	16423826	0.75	cps
Yttrium	89-2	1578071	1530374	1569253	1559233	1.63	cps
Zinc	66-2	1308311	1301927	1310498	1306912	0.34	cps
Zirconium	90-1	10446	11555	10896	10966	5.09	cps
Zirconium	91-1	2517	2675	2592	2595	3.05	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-04	Instrumnet Name :	P8
Client Sample ID :	MH1G65	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:36:23	DataFile Name :	135AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	239588	234011	235664	236421	1.21	cps
Antimony	121-1	1202577	1191325	1216703	1203535	1.06	cps
Arsenic	75-2	78358	78190	78025	78191	0.21	cps
Barium	135-1	128465	128869	129155	128829	0.27	cps
Barium	137-1	302129	302316	301440	301962	0.15	cps
Beryllium	9-1	690	666	738	698	5.25	cps
Bismuth	209-1	5803049	5630470	5316838	5583452	4.41	cps
Bismuth	209-2	2980165	2935656	2956038	2957286	0.75	cps
Boron	10-1	1188	1160	1230	1192	2.95	cps
Boron	11-1	5660	6026	6312	5999	5.45	cps
Bromine	81-1	22271	21539	21960	21923	1.68	cps
Cadmium	111-1	365375	367836	371886	368366	0.89	cps
Cadmium	106-1	39332	38764	37978	38691	1.76	cps
Cadmium	108-1	25465	26254	26217	25979	1.71	cps
Calcium	43-1	657528	669211	671244	665994	1.11	cps
Calcium	44-1	10637021	10920632	10604191	10720615	1.62	cps
Carbon	12-1	4814460	4622117	4797890	4744822	2.25	cps
Carbon	12-2	51575	51910	53139	52208	1.58	cps
Chlorine	35-1	24427722	27276105	29949952	27217926	10.15	cps
Chlorine	35-2	201474	200924	207137	203178	1.69	cps
Chromium	52-2	27450	26334	26531	26772	2.22	cps
Cobalt	59-2	89813	89342	87773	88976	1.20	cps
Copper	63-2	931261	916490	915657	921136	0.95	cps
Dysprosium	156-1	12364	12623	12548	12512	1.06	cps
Dysprosium	156-2	5231	5228	5248	5236	0.20	cps
Erbium	164-1	9345	9554	9437	9445	1.11	cps
Erbium	164-2	4434	4051	4247	4244	4.52	cps
Gadolinium	160-1	11355	11480	11489	11441	0.65	cps
Gadolinium	160-2	5411	5304	5761	5492	4.35	cps
Holmium	165-1	9731731	9731152	9317611	9593498	2.49	cps
Holmium	165-2	4253457	4183764	4241599	4226273	0.88	cps
Indium	115-1	8392532	8548272	7784277	8241694	4.90	cps
Indium	115-2	1157131	1133693	1137584	1142802	1.10	cps
Iron	54-2	6003753	6076107	5908588	5996149	1.40	cps
Iron	56-2	107880916	107715091	104855897	106817301	1.59	cps
Iron	57-2	2786895	2757294	2733529	2759239	0.97	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-04	Instrumnet Name :	P8
Client Sample ID :	MH1G65	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:36:23	DataFile Name :	135AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1187	1160	1283	1210	5.36	cps
Lead	206-1	52520857	50569994	50651647	51247499	2.15	cps
Lead	207-1	44947737	44464943	43629977	44347552	1.50	cps
Lead	208-1	208174955	203582087	201236660	204331234	1.73	cps
Lithium	6-1	3023020	3021852	3035155	3026676	0.24	cps
Magnesium	24-2	1350584	1315154	1352450	1339396	1.57	cps
Manganese	55-2	3509094	3507720	3459786	3492200	0.80	cps
Molybdenum	94-1	20774	20683	22077	21178	3.68	cps
Molybdenum	95-1	22778	22911	24005	23231	2.90	cps
Molybdenum	96-1	28688	29373	28680	28914	1.38	cps
Molybdenum	97-1	14007	14733	14208	14316	2.62	cps
Molybdenum	98-1	37402	36574	37627	37201	1.49	cps
Neodymium	150-1	22626	22446	23755	22942	3.09	cps
Neodymium	150-2	6969	6852	6935	6919	0.87	cps
Nickel	60-2	14591	14241	14791	14541	1.92	cps
Phosphorus	31-2	6277	6277	6026	6193	2.33	cps
Potassium	39-2	75440	73916	75415	74924	1.16	cps
Rhodium	103-1	8185277	7893385	7416541	7831734	4.95	cps
Rhodium	103-2	3509627	3596249	3514861	3540246	1.37	cps
Scandium	45-1	6459181	6310469	6080496	6283382	3.04	cps
Scandium	45-2	189508	187950	188547	188668	0.42	cps
Selenium	82-1	1597	1698	1590	1628	3.71	cps
Selenium	77-2	73	70	60	68	10.24	cps
Selenium	78-2	223	204	192	206	7.57	cps
Silicon	28-1	9019261	8890392	8848890	8919515	1.00	cps
Silver	107-1	278371	281536	280761	280222	0.59	cps
Silver	109-1	263899	259258	265162	262773	1.18	cps
Sodium	23-2	116087	117666	116053	116602	0.79	cps
Strontium	86-1	152067	151603	148442	150704	1.31	cps
Strontium	88-1	1288369	1294808	1281366	1288181	0.52	cps
Sulfur	34-1	2098759	2101163	2124101	2108008	0.66	cps
Terbium	159-1	10092857	10302360	9452944	9949387	4.45	cps
Terbium	159-2	4141292	4114978	4108190	4121487	0.42	cps
Thallium	203-1	9537	9737	9462	9579	1.49	cps
Thallium	205-1	23522	23572	24190	23761	1.57	cps
Tin	118-1	43244	42099	42425	42589	1.39	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-04	Instrumnet Name :	P8
Client Sample ID :	MH1G65	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:36:23	DataFile Name :	135AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	99410	101786	103306	101501	1.93	cps
Uranium	238-1	30254	28658	30396	29769	3.24	cps
Vanadium	51-2	30629	29794	29474	29966	1.99	cps
Ytterbium	172-1	2742	2875	2742	2786	2.76	cps
Ytterbium	172-2	1372	1356	1278	1335	3.78	cps
Ytterbium	176-1	2559	2609	2459	2542	3.01	cps
Ytterbium	176-2	6185	6930	6741	6618	5.85	cps
Yttrium	89-1	16126809	15999854	15108212	15744959	3.53	cps
Yttrium	89-2	1546678	1585135	1540788	1557534	1.55	cps
Zinc	66-2	11065467	11123768	11152659	11113965	0.40	cps
Zirconium	90-1	21334	22001	22080	21805	1.88	cps
Zirconium	91-1	5334	5468	4909	5237	5.57	cps

LB Number : LB117862 Operator : Jaswal
 Lab Sample ID : M5043-05 Instrumnet Name : P8
 Client Sample ID : MH1G66 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-16 19:39:17 DataFile Name : 136AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	224735	223402	222596	223578	0.48	cps
Antimony	121-1	943731	936632	957374	945912	1.11	cps
Arsenic	75-2	49696	49295	49008	49333	0.70	cps
Barium	135-1	132327	131142	132850	132106	0.66	cps
Barium	137-1	307227	306742	310234	308068	0.61	cps
Beryllium	9-1	650	736	736	707	7.02	cps
Bismuth	209-1	6092798	5582722	5762650	5812723	4.45	cps
Bismuth	209-2	2995165	2997727	2921326	2971406	1.46	cps
Boron	10-1	1348	1406	1380	1378	2.11	cps
Boron	11-1	6734	6756	6980	6824	2.00	cps
Bromine	81-1	22561	24537	23454	23517	4.21	cps
Cadmium	111-1	141904	139414	142641	141320	1.20	cps
Cadmium	106-1	18029	16977	17670	17559	3.04	cps
Cadmium	108-1	9624	10045	10471	10047	4.21	cps
Calcium	43-1	677996	682158	689543	683233	0.86	cps
Calcium	44-1	10690511	11030278	11114948	10945246	2.05	cps
Carbon	12-1	5712793	5835206	5843942	5797314	1.26	cps
Carbon	12-2	64392	63882	63338	63871	0.83	cps
Chlorine	35-1	27358454	30796941	32789984	30315126	9.06	cps
Chlorine	35-2	231003	234151	230838	231997	0.80	cps
Chromium	52-2	26455	25636	25850	25980	1.63	cps
Cobalt	59-2	52898	52908	51720	52509	1.30	cps
Copper	63-2	1141094	1136874	1138820	1138930	0.19	cps
Dysprosium	156-1	11872	11939	11889	11900	0.29	cps
Dysprosium	156-2	4938	4684	4961	4861	3.16	cps
Erbium	164-1	9771	10446	9512	9910	4.87	cps
Erbium	164-2	3807	4047	3977	3944	3.13	cps
Gadolinium	160-1	11063	11263	11280	11202	1.08	cps
Gadolinium	160-2	4974	5054	5138	5055	1.62	cps
Holmium	165-1	10086614	9648853	9662780	9799416	2.54	cps
Holmium	165-2	4194108	4327362	4158569	4226680	2.11	cps
Indium	115-1	9137066	8421514	8463820	8674133	4.63	cps
Indium	115-2	1149130	1156115	1123964	1143069	1.48	cps
Iron	54-2	3892508	3702866	3741589	3778988	2.65	cps
Iron	56-2	68560453	67790703	70641303	68997486	2.14	cps
Iron	57-2	1687443	1747667	1806225	1747112	3.40	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-05	Instrumnet Name :	P8
Client Sample ID :	MH1G66	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:39:17	DataFile Name :	136AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1167	1270	1187	1208	4.54	cps
Lead	206-1	31191184	32352294	31797065	31780181	1.83	cps
Lead	207-1	26506452	27362147	27952534	27273711	2.67	cps
Lead	208-1	124264625	126590947	127346025	126067199	1.27	cps
Lithium	6-1	3248999	3073758	3021549	3114769	3.83	cps
Magnesium	24-2	1104345	1093895	1099016	1099085	0.48	cps
Manganese	55-2	2004969	1963596	2008354	1992306	1.25	cps
Molybdenum	94-1	7902	7919	8436	8086	3.75	cps
Molybdenum	95-1	5918	6402	5935	6085	4.51	cps
Molybdenum	96-1	8761	9070	9245	9025	2.71	cps
Molybdenum	97-1	3842	3767	3776	3795	1.08	cps
Molybdenum	98-1	9512	9645	9620	9592	0.74	cps
Neodymium	150-1	20149	19982	20930	20354	2.49	cps
Neodymium	150-2	6011	6005	6282	6099	2.59	cps
Nickel	60-2	13073	13049	12823	12982	1.06	cps
Phosphorus	31-2	5176	5485	5026	5229	4.47	cps
Potassium	39-2	82327	84633	82008	82989	1.73	cps
Rhodium	103-1	8515457	8077380	8091415	8228084	3.03	cps
Rhodium	103-2	3573093	3579201	3604405	3585566	0.46	cps
Scandium	45-1	6946368	6402368	6401189	6583309	4.78	cps
Scandium	45-2	189635	190356	194381	191457	1.34	cps
Selenium	82-1	1614	1548	1542	1568	2.55	cps
Selenium	77-2	67	73	87	76	13.48	cps
Selenium	78-2	215	186	200	200	7.24	cps
Silicon	28-1	5059740	5051192	5158252	5089728	1.17	cps
Silver	107-1	328264	327185	316795	324081	1.95	cps
Silver	109-1	313376	308781	313830	311996	0.90	cps
Sodium	23-2	122977	124198	121681	122952	1.02	cps
Strontium	86-1	115528	117737	115611	116292	1.08	cps
Strontium	88-1	999360	1011688	1024485	1011844	1.24	cps
Sulfur	34-1	1399692	1428783	1423507	1417327	1.09	cps
Terbium	159-1	10797431	10072349	9909520	10259767	4.61	cps
Terbium	159-2	4172826	4297372	4066291	4178830	2.77	cps
Thallium	203-1	15602	15835	15885	15774	0.96	cps
Thallium	205-1	36544	37814	37421	37260	1.75	cps
Tin	118-1	26577	27545	27487	27203	2.00	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-05	Instrumnet Name :	P8
Client Sample ID :	MH1G66	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:39:17	DataFile Name :	136AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	90704	90879	90402	90662	0.27	cps
Uranium	238-1	21744	21093	21294	21377	1.56	cps
Vanadium	51-2	28058	27854	28762	28225	1.69	cps
Ytterbium	172-1	2809	2800	2392	2667	8.93	cps
Ytterbium	172-2	1383	1517	1361	1420	5.92	cps
Ytterbium	176-1	2784	2742	2842	2789	1.80	cps
Ytterbium	176-2	6618	6585	6474	6559	1.15	cps
Yttrium	89-1	17222328	16263731	16620203	16702087	2.90	cps
Yttrium	89-2	1559711	1617933	1598133	1591926	1.86	cps
Zinc	66-2	4688128	4713829	4762090	4721349	0.80	cps
Zirconium	90-1	12331	12489	12172	12331	1.29	cps
Zirconium	91-1	2975	3017	2992	2995	0.70	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-06	Instrumnet Name :	P8
Client Sample ID :	MH1G67	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:42:14	DataFile Name :	137AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	231719	231792	227543	230351	1.06	cps
Antimony	121-1	1856074	1813803	1821284	1830387	1.23	cps
Arsenic	75-2	75333	74299	73278	74303	1.38	cps
Barium	135-1	90242	88466	90202	89637	1.13	cps
Barium	137-1	207915	208898	210707	209173	0.68	cps
Beryllium	9-1	884	978	886	916	5.86	cps
Bismuth	209-1	5730538	5844952	5795993	5790495	0.99	cps
Bismuth	209-2	2927496	2952450	2940407	2940118	0.42	cps
Boron	10-1	1526	1646	1520	1564	4.54	cps
Boron	11-1	7492	7813	7825	7710	2.44	cps
Bromine	81-1	21178	21358	20847	21128	1.23	cps
Cadmium	111-1	255796	257181	255366	256115	0.37	cps
Cadmium	106-1	28739	27169	28823	28244	3.30	cps
Cadmium	108-1	18016	18200	18604	18273	1.65	cps
Calcium	43-1	1977153	1906929	1880435	1921506	2.60	cps
Calcium	44-1	30403403	29725786	29840058	29989749	1.21	cps
Carbon	12-1	4299316	4232859	4357810	4296662	1.46	cps
Carbon	12-2	47361	46985	46282	46876	1.17	cps
Chlorine	35-1	26947068	28883914	31680361	29170448	8.16	cps
Chlorine	35-2	208463	219643	220439	216182	3.10	cps
Chromium	52-2	31779	31695	31602	31692	0.28	cps
Cobalt	59-2	50851	52497	51804	51717	1.60	cps
Copper	63-2	1707386	1741851	1668975	1706071	2.14	cps
Dysprosium	156-1	16928	15910	16419	16419	3.10	cps
Dysprosium	156-2	7322	6975	6982	7093	2.80	cps
Erbium	164-1	14308	14316	13966	14197	1.41	cps
Erbium	164-2	5911	5848	5751	5837	1.38	cps
Gadolinium	160-1	16569	16411	16277	16419	0.89	cps
Gadolinium	160-2	7572	7832	7566	7657	1.99	cps
Holmium	165-1	10092076	9977508	9705196	9924927	2.00	cps
Holmium	165-2	4197784	4205542	4248064	4217130	0.64	cps
Indium	115-1	8632541	8755274	8748537	8712117	0.79	cps
Indium	115-2	1149190	1176616	1145661	1157156	1.46	cps
Iron	54-2	3730911	3646359	3701906	3693059	1.16	cps
Iron	56-2	67346836	65812626	65732531	66297331	1.37	cps
Iron	57-2	1708515	1650207	1649645	1669456	2.03	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-06	Instrumnet Name :	P8
Client Sample ID :	MH1G67	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:42:14	DataFile Name :	137AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1053	1300	1160	1171	10.56	cps
Lead	206-1	27111334	26755277	27192906	27019839	0.86	cps
Lead	207-1	23579685	24374589	23429475	23794583	2.13	cps
Lead	208-1	109005932	110438001	110614100	110019344	0.80	cps
Lithium	6-1	3140929	3044242	3207380	3130850	2.62	cps
Magnesium	24-2	3147873	3230172	3207379	3195141	1.33	cps
Manganese	55-2	2979946	2913876	2854867	2916230	2.15	cps
Molybdenum	94-1	27227	26501	27470	27066	1.86	cps
Molybdenum	95-1	15859	15651	16227	15912	1.83	cps
Molybdenum	96-1	21384	22435	21634	21818	2.52	cps
Molybdenum	97-1	9454	9820	9845	9706	2.26	cps
Molybdenum	98-1	25107	24898	24380	24795	1.51	cps
Neodymium	150-1	28137	28297	28130	28188	0.34	cps
Neodymium	150-2	8199	8610	8113	8307	3.20	cps
Nickel	60-2	11972	12109	11858	11980	1.05	cps
Phosphorus	31-2	8411	8444	8069	8308	2.50	cps
Potassium	39-2	77585	80266	79754	79202	1.80	cps
Rhodium	103-1	8138945	8107178	8019272	8088465	0.77	cps
Rhodium	103-2	3678179	3491110	3529091	3566127	2.77	cps
Scandium	45-1	6419042	6547894	6562813	6509916	1.21	cps
Scandium	45-2	193327	190904	193111	192447	0.70	cps
Selenium	82-1	1194	1034	1169	1133	7.61	cps
Selenium	77-2	67	57	90	71	24.05	cps
Selenium	78-2	123	154	154	144	12.46	cps
Silicon	28-1	10566424	10358964	10494544	10473311	1.01	cps
Silver	107-1	372467	369647	377769	373294	1.10	cps
Silver	109-1	351881	358202	356606	355563	0.92	cps
Sodium	23-2	113375	116852	114156	114794	1.59	cps
Strontium	86-1	173681	167743	170993	170805	1.74	cps
Strontium	88-1	1450343	1483649	1476941	1470311	1.20	cps
Sulfur	34-1	1561821	1552450	1573066	1562446	0.66	cps
Terbium	159-1	10479133	10323049	10209340	10337174	1.31	cps
Terbium	159-2	4175508	4153610	4282573	4203897	1.64	cps
Thallium	203-1	27806	28223	26845	27625	2.56	cps
Thallium	205-1	65382	64118	66530	65343	1.85	cps
Tin	118-1	12831	12222	12698	12584	2.54	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-06	Instrumnet Name :	P8
Client Sample ID :	MH1G67	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:42:14	DataFile Name :	137AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	100947	104146	99688	101594	2.26	cps
Uranium	238-1	34698	34030	33737	34155	1.44	cps
Vanadium	51-2	25459	25399	24598	25152	1.91	cps
Ytterbium	172-1	4484	4326	4293	4368	2.35	cps
Ytterbium	172-2	1833	1917	2100	1950	7.00	cps
Ytterbium	176-1	3292	3584	3217	3364	5.76	cps
Ytterbium	176-2	6835	6869	6919	6874	0.61	cps
Yttrium	89-1	16723276	16501193	16568181	16597550	0.69	cps
Yttrium	89-2	1616303	1566539	1555247	1579363	2.06	cps
Zinc	66-2	8236863	8173147	7958918	8122976	1.79	cps
Zirconium	90-1	48351	50400	48995	49249	2.13	cps
Zirconium	91-1	10579	11755	11380	11238	5.34	cps

LB Number : LB117862 Operator : Jaswal
 Lab Sample ID : M5043-07 Instrumnet Name : P8
 Client Sample ID : MH1G68 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-16 19:45:08 DataFile Name : 138AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	166544	167230	170186	167987	1.15	cps
Antimony	121-1	5613492	5420544	5542613	5525550	1.77	cps
Arsenic	75-2	168467	167530	167437	167811	0.34	cps
Barium	135-1	153975	159173	155076	156075	1.75	cps
Barium	137-1	364908	365098	361120	363709	0.62	cps
Beryllium	9-1	654	586	600	613	5.85	cps
Bismuth	209-1	5590736	5778266	5460608	5609870	2.85	cps
Bismuth	209-2	2951130	2998555	2979199	2976295	0.80	cps
Boron	10-1	2118	2276	2418	2270	6.61	cps
Boron	11-1	10366	11198	11558	11041	5.54	cps
Bromine	81-1	21729	22411	21388	21843	2.38	cps
Cadmium	111-1	672730	667937	663645	668104	0.68	cps
Cadmium	106-1	70742	68982	70372	70032	1.32	cps
Cadmium	108-1	48192	49062	48184	48480	1.04	cps
Calcium	43-1	587354	586364	584297	586005	0.27	cps
Calcium	44-1	9404791	9585865	9406765	9465807	1.10	cps
Carbon	12-1	4435045	4452973	4512678	4466898	0.91	cps
Carbon	12-2	48406	50429	49100	49312	2.09	cps
Chlorine	35-1	26582961	29355921	31414984	29117956	8.33	cps
Chlorine	35-2	207067	210888	217756	211904	2.56	cps
Chromium	52-2	22872	22702	22438	22670	0.96	cps
Cobalt	59-2	23647	23803	23703	23718	0.33	cps
Copper	63-2	5548889	5625098	5524198	5566062	0.94	cps
Dysprosium	156-1	8853	8436	8912	8734	2.97	cps
Dysprosium	156-2	3501	3541	3757	3599	3.84	cps
Erbium	164-1	7386	7494	7102	7327	2.76	cps
Erbium	164-2	3107	3000	3060	3056	1.75	cps
Gadolinium	160-1	8419	8211	7652	8094	4.90	cps
Gadolinium	160-2	4171	3854	3974	4000	4.00	cps
Holmium	165-1	9714421	9664843	9599654	9659639	0.60	cps
Holmium	165-2	4248101	4290788	4297364	4278751	0.63	cps
Indium	115-1	8586539	8557639	8653309	8599163	0.57	cps
Indium	115-2	1147287	1154249	1141475	1147670	0.56	cps
Iron	54-2	2000776	2032183	2109206	2047388	2.72	cps
Iron	56-2	36202298	36242129	36453737	36299388	0.37	cps
Iron	57-2	878761	900469	883051	887427	1.30	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-07	Instrumnet Name :	P8
Client Sample ID :	MH1G68	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:45:08	DataFile Name :	138AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1223	1300	1237	1253	3.27	cps
Lead	206-1	117680003	115184344	116099786	116321378	1.09	cps
Lead	207-1	102464052	101342988	99469008	101092016	1.50	cps
Lead	208-1	471134322	466688472	463203360	467008718	0.85	cps
Lithium	6-1	3007016	2937873	3062939	3002609	2.09	cps
Magnesium	24-2	1169568	1169240	1166062	1168290	0.17	cps
Manganese	55-2	4448235	4397695	4444981	4430304	0.64	cps
Molybdenum	94-1	21342	22836	22360	22179	3.44	cps
Molybdenum	95-1	20858	21659	21225	21247	1.89	cps
Molybdenum	96-1	25090	24814	24748	24884	0.73	cps
Molybdenum	97-1	13040	12940	12756	12912	1.11	cps
Molybdenum	98-1	34109	32990	32347	33149	2.69	cps
Neodymium	150-1	14655	14228	15015	14633	2.69	cps
Neodymium	150-2	4324	4387	4364	4359	0.74	cps
Nickel	60-2	7209	7305	7585	7366	2.66	cps
Phosphorus	31-2	4659	4651	4326	4545	4.18	cps
Potassium	39-2	50907	50422	51593	50974	1.15	cps
Rhodium	103-1	8146510	8095471	8282357	8174779	1.18	cps
Rhodium	103-2	3664615	3549919	3600257	3604930	1.59	cps
Scandium	45-1	6609717	6594377	6564624	6589573	0.35	cps
Scandium	45-2	191408	191005	188908	190440	0.71	cps
Selenium	82-1	1115	1073	1051	1080	3.05	cps
Selenium	77-2	67	60	40	56	24.98	cps
Selenium	78-2	140	137	142	140	1.81	cps
Silicon	28-1	13685423	13890656	13540706	13705595	1.28	cps
Silver	107-1	807143	793700	793262	798035	0.99	cps
Silver	109-1	747983	756457	756172	753537	0.64	cps
Sodium	23-2	335854	341044	328524	335141	1.88	cps
Strontium	86-1	111270	107774	111905	110316	2.02	cps
Strontium	88-1	932488	939200	932703	934797	0.41	cps
Sulfur	34-1	947695	963531	933087	948104	1.61	cps
Terbium	159-1	10449142	10420112	10098968	10322741	1.88	cps
Terbium	159-2	4146201	4162223	4223922	4177449	0.98	cps
Thallium	203-1	6510	7152	7177	6946	5.44	cps
Thallium	205-1	15910	17487	17204	16867	4.98	cps
Tin	118-1	28347	27837	27812	27999	1.08	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-07	Instrumnet Name :	P8
Client Sample ID :	MH1G68	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:45:08	DataFile Name :	138AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	84483	85499	85405	85129	0.66	cps
Uranium	238-1	45483	46260	45733	45825	0.87	cps
Vanadium	51-2	29991	30356	30429	30259	0.77	cps
Ytterbium	172-1	2059	2159	2017	2078	3.50	cps
Ytterbium	172-2	1083	1106	822	1004	15.70	cps
Ytterbium	176-1	2184	2017	2409	2203	8.92	cps
Ytterbium	176-2	6235	6502	6240	6326	2.41	cps
Yttrium	89-1	16127089	16534481	16083932	16248501	1.53	cps
Yttrium	89-2	1581593	1559878	1554106	1565192	0.93	cps
Zinc	66-2	25909594	24658360	25512271	25360075	2.52	cps
Zirconium	90-1	29607	28263	29782	29217	2.85	cps
Zirconium	91-1	6760	6752	6752	6755	0.07	cps

LB Number : LB117862 Operator : Jaswal
 Lab Sample ID : M5043-08 Instrumnet Name : P8
 Client Sample ID : MH1G69 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-16 19:48:04 DataFile Name : 139AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	82873	81981	83091	82648	0.71	cps
Antimony	121-1	1391071	1425718	1404419	1407070	1.24	cps
Arsenic	75-2	91190	91176	91575	91314	0.25	cps
Barium	135-1	104294	108233	107015	106514	1.89	cps
Barium	137-1	244518	254459	255247	251408	2.38	cps
Beryllium	9-1	422	362	416	400	8.26	cps
Bismuth	209-1	5720336	5640926	5659767	5673677	0.73	cps
Bismuth	209-2	3009889	2894519	2939973	2948127	1.97	cps
Boron	10-1	1154	1190	1168	1170	1.55	cps
Boron	11-1	5320	5408	5442	5390	1.17	cps
Bromine	81-1	22261	21589	21519	21789	1.88	cps
Cadmium	111-1	344541	356921	356158	352540	1.97	cps
Cadmium	106-1	39407	38663	37819	38630	2.06	cps
Cadmium	108-1	24860	25211	25549	25207	1.37	cps
Calcium	43-1	1125331	1141883	1133411	1133542	0.73	cps
Calcium	44-1	18529228	18307823	18366544	18401198	0.62	cps
Carbon	12-1	4969377	5022307	5006771	4999485	0.54	cps
Carbon	12-2	58768	56852	53833	56485	4.40	cps
Chlorine	35-1	24586148	27578399	29621876	27262141	9.29	cps
Chlorine	35-2	205758	214169	223002	214310	4.02	cps
Chromium	52-2	18405	18526	18522	18484	0.37	cps
Cobalt	59-2	31184	31816	31685	31562	1.06	cps
Copper	63-2	916164	906332	910799	911098	0.54	cps
Dysprosium	156-1	10846	11572	11213	11211	3.24	cps
Dysprosium	156-2	4618	4854	4984	4819	3.86	cps
Erbium	164-1	8370	8553	9354	8759	5.97	cps
Erbium	164-2	3657	3661	3524	3614	2.16	cps
Gadolinium	160-1	10188	9695	10471	10118	3.88	cps
Gadolinium	160-2	4851	4998	5001	4950	1.73	cps
Holmium	165-1	10022818	9466347	9372254	9620473	3.65	cps
Holmium	165-2	4261105	4227025	4283344	4257158	0.67	cps
Indium	115-1	9009654	8581797	8531809	8707753	3.02	cps
Indium	115-2	1153978	1150303	1138673	1147651	0.70	cps
Iron	54-2	2434230	2436023	2422545	2430933	0.30	cps
Iron	56-2	43286187	44214955	42808816	43436653	1.65	cps
Iron	57-2	1049738	1056893	1053982	1053538	0.34	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-08	Instrumnet Name :	P8
Client Sample ID :	MH1G69	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:48:04	DataFile Name :	139AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1080	1267	1210	1186	8.07	cps
Lead	206-1	60003854	60445935	58749428	59733072	1.47	cps
Lead	207-1	52021065	53132089	51685378	52279510	1.45	cps
Lead	208-1	237338591	246068099	239989236	241131975	1.86	cps
Lithium	6-1	3064807	2991094	3029594	3028498	1.22	cps
Magnesium	24-2	2558588	2544091	2608543	2570407	1.32	cps
Manganese	55-2	4092305	4059618	4024923	4058949	0.83	cps
Molybdenum	94-1	9095	8786	8753	8878	2.12	cps
Molybdenum	95-1	5401	5285	5910	5532	6.01	cps
Molybdenum	96-1	7719	7702	7552	7658	1.20	cps
Molybdenum	97-1	3225	2975	3200	3134	4.40	cps
Molybdenum	98-1	8444	8069	8711	8408	3.84	cps
Neodymium	150-1	19134	19548	19348	19343	1.07	cps
Neodymium	150-2	5888	5878	5698	5821	1.84	cps
Nickel	60-2	6725	6772	6802	6766	0.57	cps
Phosphorus	31-2	5701	5901	6060	5887	3.05	cps
Potassium	39-2	47847	48683	49929	48819	2.15	cps
Rhodium	103-1	8229795	8110943	7921353	8087364	1.92	cps
Rhodium	103-2	3675922	3463858	3529913	3556564	3.05	cps
Scandium	45-1	6925526	6490843	6597886	6671418	3.39	cps
Scandium	45-2	197199	187092	188513	190935	2.87	cps
Selenium	82-1	919	781	867	856	8.15	cps
Selenium	77-2	47	57	40	48	17.56	cps
Selenium	78-2	123	122	133	126	4.83	cps
Silicon	28-1	9751935	7398053	7395068	8181685	16.62	cps
Silver	107-1	332976	340398	340699	338024	1.29	cps
Silver	109-1	319599	332037	322545	324727	2.00	cps
Sodium	23-2	97023	92729	95161	94971	2.27	cps
Strontium	86-1	110865	110924	111066	110952	0.09	cps
Strontium	88-1	911922	920342	909159	913808	0.64	cps
Sulfur	34-1	1170330	1162307	1160580	1164406	0.45	cps
Terbium	159-1	10511391	9846074	10045369	10134278	3.37	cps
Terbium	159-2	4124577	4215017	4128354	4155982	1.23	cps
Thallium	203-1	15184	15042	15159	15129	0.50	cps
Thallium	205-1	35081	35123	33577	34594	2.55	cps
Tin	118-1	22244	23679	23429	23117	3.32	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-08	Instrumnet Name :	P8
Client Sample ID :	MH1G69	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:48:04	DataFile Name :	139AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	61014	60479	61851	61115	1.13	cps
Uranium	238-1	25343	25927	26537	25935	2.30	cps
Vanadium	51-2	14134	14004	14127	14088	0.52	cps
Ytterbium	172-1	2542	2125	2809	2492	13.82	cps
Ytterbium	172-2	1211	1306	1350	1289	5.50	cps
Ytterbium	176-1	2467	2417	2325	2403	2.99	cps
Ytterbium	176-2	6385	6224	6807	6472	4.66	cps
Yttrium	89-1	17355648	16211676	16245705	16604343	3.92	cps
Yttrium	89-2	1568494	1527636	1588266	1561465	1.98	cps
Zinc	66-2	14317526	13927361	14450478	14231788	1.91	cps
Zirconium	90-1	15501	16368	15726	15865	2.84	cps
Zirconium	91-1	3726	3892	4292	3970	7.34	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-09	Instrumnet Name :	P8
Client Sample ID :	MH1G70	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:50:58	DataFile Name :	140AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	140351	138704	140664	139906	0.75	cps
Antimony	121-1	658002	656098	669483	661194	1.10	cps
Arsenic	75-2	32849	32532	32778	32720	0.51	cps
Barium	135-1	76114	74673	79159	76649	2.99	cps
Barium	137-1	176045	175988	177619	176551	0.52	cps
Beryllium	9-1	446	410	378	411	8.27	cps
Bismuth	209-1	5764996	5763823	5693345	5740721	0.71	cps
Bismuth	209-2	2893297	2850779	2949316	2897797	1.71	cps
Boron	10-1	1158	1168	1216	1180	2.63	cps
Boron	11-1	5374	5518	5724	5539	3.18	cps
Bromine	81-1	22882	24126	22261	23090	4.11	cps
Cadmium	111-1	172663	172768	174109	173180	0.47	cps
Cadmium	106-1	20866	19606	20115	20196	3.14	cps
Cadmium	108-1	12477	12064	12385	12308	1.76	cps
Calcium	43-1	913898	906908	928901	916569	1.23	cps
Calcium	44-1	14629296	14256572	15336865	14740911	3.72	cps
Carbon	12-1	5306348	5332223	5427166	5355246	1.19	cps
Carbon	12-2	61145	60199	61781	61042	1.30	cps
Chlorine	35-1	24253250	26978814	28613535	26615199	8.28	cps
Chlorine	35-2	192503	203487	203949	199980	3.24	cps
Chromium	52-2	17574	17554	18622	17917	3.41	cps
Cobalt	59-2	39261	38646	38633	38846	0.92	cps
Copper	63-2	740004	742209	732395	738203	0.70	cps
Dysprosium	156-1	9420	9270	9896	9529	3.43	cps
Dysprosium	156-2	3861	3877	3517	3752	5.42	cps
Erbium	164-1	7811	7502	7778	7697	2.20	cps
Erbium	164-2	2974	2880	3120	2991	4.05	cps
Gadolinium	160-1	8370	8186	8436	8331	1.55	cps
Gadolinium	160-2	3974	4024	4047	4015	0.93	cps
Holmium	165-1	9877628	9899984	9638597	9805403	1.48	cps
Holmium	165-2	4215794	4058139	4091628	4121853	2.02	cps
Indium	115-1	8490298	8695048	8307565	8497637	2.28	cps
Indium	115-2	1125358	1118880	1111686	1118641	0.61	cps
Iron	54-2	2278012	2351167	2337913	2322364	1.68	cps
Iron	56-2	41130202	42222204	41418947	41590451	1.36	cps
Iron	57-2	1018147	1019435	1007080	1014887	0.67	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-09	Instrumnet Name :	P8
Client Sample ID :	MH1G70	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:50:58	DataFile Name :	140AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1203	1190	1157	1183	2.03	cps
Lead	206-1	19901589	19901311	20587553	20130151	1.97	cps
Lead	207-1	16947085	17129065	17500376	17192175	1.64	cps
Lead	208-1	78137251	79376866	81382571	79632230	2.06	cps
Lithium	6-1	3027006	2969925	3036699	3011210	1.20	cps
Magnesium	24-2	1263547	1236887	1224349	1241594	1.61	cps
Manganese	55-2	1968478	2091930	2032400	2030936	3.04	cps
Molybdenum	94-1	9829	10721	10529	10360	4.53	cps
Molybdenum	95-1	12156	12631	12790	12525	2.63	cps
Molybdenum	96-1	14408	15793	15943	15381	5.50	cps
Molybdenum	97-1	8003	7677	8078	7919	2.69	cps
Molybdenum	98-1	19614	19456	19932	19667	1.23	cps
Neodymium	150-1	16998	16637	16917	16851	1.12	cps
Neodymium	150-2	4998	4944	5131	5024	1.91	cps
Nickel	60-2	7049	6842	7122	7004	2.07	cps
Phosphorus	31-2	4076	4242	3959	4092	3.48	cps
Potassium	39-2	61599	63014	63373	62662	1.50	cps
Rhodium	103-1	8157926	7994574	8130798	8094432	1.08	cps
Rhodium	103-2	3558443	3568577	3534761	3553927	0.49	cps
Scandium	45-1	6531853	6453890	6664818	6550187	1.63	cps
Scandium	45-2	187587	187010	185235	186611	0.66	cps
Selenium	82-1	823	837	873	844	3.10	cps
Selenium	77-2	37	37	40	38	5.09	cps
Selenium	78-2	114	135	161	137	17.23	cps
Silicon	28-1	3186695	3076359	3193136	3152063	2.08	cps
Silver	107-1	181207	185222	184470	183633	1.16	cps
Silver	109-1	175113	176701	176707	176174	0.52	cps
Sodium	23-2	140983	138220	134822	138008	2.24	cps
Strontium	86-1	132139	130516	135094	132583	1.75	cps
Strontium	88-1	1109843	1125250	1154735	1129943	2.02	cps
Sulfur	34-1	1118423	1102342	1117267	1112677	0.81	cps
Terbium	159-1	10052785	10266439	10386948	10235391	1.65	cps
Terbium	159-2	4022987	4095507	4033078	4050524	0.97	cps
Thallium	203-1	11330	11681	11814	11608	2.15	cps
Thallium	205-1	27705	26962	28540	27736	2.85	cps
Tin	118-1	10730	11046	10930	10902	1.47	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-09	Instrumnet Name :	P8
Client Sample ID :	MH1G70	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:50:58	DataFile Name :	140AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	74989	78365	77829	77061	2.35	cps
Uranium	238-1	17638	17387	17863	17629	1.35	cps
Vanadium	51-2	13516	12953	13073	13181	2.25	cps
Ytterbium	172-1	2084	2500	2509	2364	10.28	cps
Ytterbium	172-2	1156	1000	1033	1063	7.71	cps
Ytterbium	176-1	2384	2475	2375	2411	2.30	cps
Ytterbium	176-2	5901	6291	6613	6268	5.68	cps
Yttrium	89-1	15898311	17004965	16672932	16525403	3.44	cps
Yttrium	89-2	1552342	1574135	1516891	1547789	1.87	cps
Zinc	66-2	5080035	4901045	4879088	4953389	2.23	cps
Zirconium	90-1	8803	9003	11114	9640	13.28	cps
Zirconium	91-1	1950	2125	2092	2056	4.52	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-10	Instrumnet Name :	P8
Client Sample ID :	MH1G71	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:53:54	DataFile Name :	141AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	113494	113427	112595	113172	0.44	cps
Antimony	121-1	1403411	1405233	1385970	1398205	0.76	cps
Arsenic	75-2	66583	65537	66267	66129	0.81	cps
Barium	135-1	67008	64161	66296	65822	2.25	cps
Barium	137-1	153597	152764	155084	153815	0.76	cps
Beryllium	9-1	388	406	394	396	2.31	cps
Bismuth	209-1	5781491	5804143	5511697	5699111	2.85	cps
Bismuth	209-2	2918724	3130937	2999482	3016381	3.55	cps
Boron	10-1	3522	3410	3776	3569	5.25	cps
Boron	11-1	15571	16500	17361	16477	5.43	cps
Bromine	81-1	21880	23414	21930	22408	3.89	cps
Cadmium	111-1	220630	226221	228374	225075	1.78	cps
Cadmium	106-1	25249	25424	26150	25608	1.87	cps
Cadmium	108-1	15918	15793	15801	15837	0.44	cps
Calcium	43-1	1386505	1410478	1414664	1403882	1.08	cps
Calcium	44-1	22579576	22442122	22467760	22496486	0.32	cps
Carbon	12-1	4468981	4448751	4527718	4481817	0.92	cps
Carbon	12-2	48113	47277	47938	47776	0.92	cps
Chlorine	35-1	23262264	26053156	28436702	25917374	9.99	cps
Chlorine	35-2	195840	204126	205349	201772	2.56	cps
Chromium	52-2	24037	23179	23803	23673	1.87	cps
Cobalt	59-2	17935	18098	17384	17806	2.10	cps
Copper	63-2	1023062	1002160	990846	1005356	1.63	cps
Dysprosium	156-1	11772	11639	12089	11833	1.95	cps
Dysprosium	156-2	4908	5058	4971	4979	1.51	cps
Erbium	164-1	10746	10763	10338	10616	2.27	cps
Erbium	164-2	4487	4291	4471	4416	2.47	cps
Gadolinium	160-1	11680	11297	11597	11525	1.75	cps
Gadolinium	160-2	5915	5805	5651	5790	2.29	cps
Holmium	165-1	9637475	9822351	9895408	9785078	1.36	cps
Holmium	165-2	4207444	4432262	4253679	4297795	2.76	cps
Indium	115-1	8689069	8647430	8559021	8631840	0.77	cps
Indium	115-2	1129206	1204501	1149262	1160990	3.36	cps
Iron	54-2	1570263	1520528	1485804	1525532	2.78	cps
Iron	56-2	27655235	27446940	27544691	27548955	0.38	cps
Iron	57-2	669325	676196	662161	669227	1.05	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-10	Instrumnet Name :	P8
Client Sample ID :	MH1G71	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:53:54	DataFile Name :	141AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1227	1127	1233	1196	5.00	cps
Lead	206-1	32114035	32037172	31753845	31968351	0.59	cps
Lead	207-1	27599104	27481097	27780515	27620239	0.55	cps
Lead	208-1	128144196	128313218	125795376	127417597	1.10	cps
Lithium	6-1	3172970	2966847	3093895	3077904	3.38	cps
Magnesium	24-2	2519478	2495844	2443229	2486184	1.57	cps
Manganese	55-2	3050535	2952662	2900020	2967739	2.57	cps
Molybdenum	94-1	30551	30793	31002	30782	0.73	cps
Molybdenum	95-1	36566	38680	37686	37644	2.81	cps
Molybdenum	96-1	43126	44054	42834	43338	1.47	cps
Molybdenum	97-1	24080	22769	22961	23270	3.04	cps
Molybdenum	98-1	61503	58415	59277	59732	2.67	cps
Neodymium	150-1	18854	19328	18960	19047	1.31	cps
Neodymium	150-2	5798	5901	5681	5794	1.90	cps
Nickel	60-2	7909	8209	7729	7949	3.05	cps
Phosphorus	31-2	7502	7102	7110	7238	3.16	cps
Potassium	39-2	45782	45672	46743	46066	1.28	cps
Rhodium	103-1	8248434	7981309	8237720	8155821	1.85	cps
Rhodium	103-2	3523122	3666453	3624656	3604744	2.04	cps
Scandium	45-1	6676270	6536709	6703792	6638923	1.35	cps
Scandium	45-2	191273	197517	194174	194321	1.61	cps
Selenium	82-1	769	938	837	848	10.00	cps
Selenium	77-2	40	50	47	46	11.18	cps
Selenium	78-2	127	126	108	120	8.89	cps
Silicon	28-1	5009041	4803080	7611984	5808035	26.96	cps
Silver	107-1	220911	216903	225076	220963	1.85	cps
Silver	109-1	212120	207139	209583	209614	1.19	cps
Sodium	23-2	96436	94061	94944	95147	1.26	cps
Strontium	86-1	126093	124494	125621	125403	0.65	cps
Strontium	88-1	1050219	1043093	1032933	1042082	0.83	cps
Sulfur	34-1	851509	847282	866332	855041	1.17	cps
Terbium	159-1	10033111	10203465	9956320	10064299	1.26	cps
Terbium	159-2	4104576	4379546	4145982	4210035	3.52	cps
Thallium	203-1	16052	15501	16369	15974	2.75	cps
Thallium	205-1	36754	38592	38190	37845	2.55	cps
Tin	118-1	10971	10496	10504	10657	2.55	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-10	Instrumnet Name :	P8
Client Sample ID :	MH1G71	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:53:54	DataFile Name :	141AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	99671	98916	101375	99987	1.26	cps
Uranium	238-1	42940	40741	42187	41956	2.66	cps
Vanadium	51-2	13620	14024	13697	13780	1.56	cps
Ytterbium	172-1	3100	3125	2942	3056	3.25	cps
Ytterbium	172-2	1328	1417	1339	1361	3.56	cps
Ytterbium	176-1	3184	2475	2942	2867	12.56	cps
Ytterbium	176-2	6746	7102	6735	6861	3.04	cps
Yttrium	89-1	16573165	16458085	15993111	16341454	1.88	cps
Yttrium	89-2	1565858	1624855	1587461	1592725	1.87	cps
Zinc	66-2	8302322	8283866	8165126	8250438	0.90	cps
Zirconium	90-1	25516	25850	25992	25786	0.95	cps
Zirconium	91-1	5451	5376	5818	5548	4.26	cps

LB Number : LB117862 Operator : Jaswal
 Lab Sample ID : M5043-11 Instrumnet Name : P8
 Client Sample ID : MH1G72 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-16 19:56:48 DataFile Name : 142AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	111728	111560	111090	111459	0.30	cps
Antimony	121-1	3147351	3084523	3143099	3124991	1.12	cps
Arsenic	75-2	100517	100414	98692	99874	1.03	cps
Barium	135-1	74555	76868	77388	76270	1.98	cps
Barium	137-1	178837	177894	177886	178206	0.31	cps
Beryllium	9-1	402	402	390	398	1.74	cps
Bismuth	209-1	5793726	5867097	5749966	5803596	1.02	cps
Bismuth	209-2	3060942	3001118	2926707	2996256	2.24	cps
Boron	10-1	1378	1336	1260	1324	4.52	cps
Boron	11-1	6548	6144	6450	6381	3.30	cps
Bromine	81-1	21489	19774	20717	20660	4.16	cps
Cadmium	111-1	175470	175404	170090	173654	1.78	cps
Cadmium	106-1	20457	21401	20090	20649	3.27	cps
Cadmium	108-1	12573	12143	12456	12390	1.79	cps
Calcium	43-1	1989235	2035464	2007474	2010724	1.16	cps
Calcium	44-1	31296500	32381178	31956572	31878083	1.71	cps
Carbon	12-1	4417857	4423437	4598438	4479911	2.29	cps
Carbon	12-2	49567	48774	48197	48846	1.41	cps
Chlorine	35-1	36693244	41215263	43145761	40351423	8.21	cps
Chlorine	35-2	301880	305125	314588	307198	2.15	cps
Chromium	52-2	36256	36513	35735	36168	1.10	cps
Cobalt	59-2	14070	13950	13837	13953	0.84	cps
Copper	63-2	1667333	1659949	1590140	1639141	2.60	cps
Dysprosium	156-1	14934	15092	14934	14987	0.61	cps
Dysprosium	156-2	6412	6658	6645	6572	2.11	cps
Erbium	164-1	13073	12957	13674	13235	2.91	cps
Erbium	164-2	5425	5591	5338	5451	2.36	cps
Gadolinium	160-1	14809	14016	14775	14533	3.08	cps
Gadolinium	160-2	6672	6855	6849	6792	1.53	cps
Holmium	165-1	9841868	9922069	9796974	9853637	0.64	cps
Holmium	165-2	4295554	4364102	4264300	4307986	1.18	cps
Indium	115-1	8593765	9067323	8615029	8758706	3.05	cps
Indium	115-2	1174535	1151755	1149518	1158603	1.19	cps
Iron	54-2	1765906	1755331	1713071	1744769	1.60	cps
Iron	56-2	32314721	32163654	31002452	31826942	2.26	cps
Iron	57-2	785048	787726	783455	785410	0.27	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-11	Instrumnet Name :	P8
Client Sample ID :	MH1G72	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:56:48	DataFile Name :	142AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1107	1120	1197	1141	4.26	cps
Lead	206-1	50175328	51618891	49936394	50576871	1.80	cps
Lead	207-1	43561091	44151241	43470433	43727588	0.85	cps
Lead	208-1	200783985	204492132	202649388	202641835	0.91	cps
Lithium	6-1	3198250	3112227	3079382	3129953	1.96	cps
Magnesium	24-2	3367459	3293945	3315571	3325658	1.14	cps
Manganese	55-2	2712189	2638566	2609576	2653444	1.99	cps
Molybdenum	94-1	18421	18963	18621	18669	1.47	cps
Molybdenum	95-1	12523	13465	12423	12803	4.49	cps
Molybdenum	96-1	16560	16619	17436	16872	2.90	cps
Molybdenum	97-1	8436	7944	7777	8053	4.25	cps
Molybdenum	98-1	20866	21167	20065	20699	2.75	cps
Neodymium	150-1	26179	25424	24817	25473	2.68	cps
Neodymium	150-2	7902	8009	7462	7791	3.72	cps
Nickel	60-2	8052	7866	7719	7879	2.12	cps
Phosphorus	31-2	9495	9970	9645	9704	2.50	cps
Potassium	39-2	68915	68597	69292	68935	0.50	cps
Rhodium	103-1	8173159	8580959	7990329	8248149	3.67	cps
Rhodium	103-2	3540152	3654708	3556920	3583927	1.73	cps
Scandium	45-1	6593212	6957020	6656776	6735669	2.88	cps
Scandium	45-2	198267	193706	190462	194145	2.02	cps
Selenium	82-1	901	908	853	887	3.39	cps
Selenium	77-2	50	80	30	53	47.19	cps
Selenium	78-2	148	146	145	146	1.04	cps
Silicon	28-1	3900904	3800564	3865583	3855684	1.32	cps
Silver	107-1	576167	572448	580986	576534	0.74	cps
Silver	109-1	558854	543380	551816	551350	1.41	cps
Sodium	23-2	108747	108184	110310	109080	1.01	cps
Strontium	86-1	166016	171657	166680	168117	1.83	cps
Strontium	88-1	1420504	1417490	1440307	1426100	0.87	cps
Sulfur	34-1	1002381	994042	991620	996014	0.57	cps
Terbium	159-1	10443104	10531083	10091806	10355331	2.24	cps
Terbium	159-2	4220290	4208922	4261532	4230248	0.65	cps
Thallium	203-1	13799	14133	13407	13780	2.64	cps
Thallium	205-1	33077	33402	32399	32959	1.55	cps
Tin	118-1	17169	17044	18121	17445	3.37	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-11	Instrumnet Name :	P8
Client Sample ID :	MH1G72	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 19:56:48	DataFile Name :	142AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	39517	36906	38962	38462	3.58	cps
Uranium	238-1	44705	42874	42739	43439	2.53	cps
Vanadium	51-2	16693	16083	16119	16298	2.10	cps
Ytterbium	172-1	3976	3692	3959	3876	4.10	cps
Ytterbium	172-2	1872	1939	1828	1880	2.98	cps
Ytterbium	176-1	3250	3667	3351	3423	6.36	cps
Ytterbium	176-2	6796	6935	7302	7011	3.73	cps
Yttrium	89-1	16561784	16844984	16558675	16655148	0.99	cps
Yttrium	89-2	1553036	1611967	1590973	1585325	1.88	cps
Zinc	66-2	5949763	6031176	5937464	5972801	0.85	cps
Zirconium	90-1	29891	31236	29298	30142	3.29	cps
Zirconium	91-1	7277	7327	6527	7044	6.37	cps

LB Number : LB117862 Operator : Jaswal
 Lab Sample ID : CCV069 Instrumnet Name : P8
 Client Sample ID : CCV069 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-16 20:01:58 DataFile Name : 143CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2038786	2069180	2077209	2061725	0.98	cps
Antimony	121-1	2487426	2458636	2423981	2456681	1.29	cps
Arsenic	75-2	67184	66893	67199	67092	0.26	cps
Barium	135-1	3255031	3408791	3339405	3334409	2.31	cps
Barium	137-1	7436349	7753484	7715194	7635009	2.27	cps
Beryllium	9-1	661475	655608	663507	660197	0.62	cps
Bismuth	209-1	5362767	5385732	5517014	5421838	1.53	cps
Bismuth	209-2	2827559	2694902	2786244	2769568	2.45	cps
Boron	10-1	58324	62657	66618	62533	6.63	cps
Boron	11-1	293959	303350	317139	304816	3.82	cps
Bromine	81-1	19775	20817	20215	20269	2.58	cps
Cadmium	111-1	581288	588039	589960	586429	0.78	cps
Cadmium	106-1	69450	68663	68815	68976	0.61	cps
Cadmium	108-1	45529	46307	47294	46376	1.91	cps
Calcium	43-1	4710598	4790138	4892359	4797698	1.90	cps
Calcium	44-1	77081067	79495091	77968444	78181534	1.56	cps
Carbon	12-1	5241152	5517628	5662963	5473914	3.91	cps
Carbon	12-2	69382	68821	67916	68706	1.08	cps
Chlorine	35-1	7715808	7354639	7106937	7392461	4.14	cps
Chlorine	35-2	41151	36388	35260	37600	8.32	cps
Chromium	52-2	764069	762326	758704	761700	0.36	cps
Cobalt	59-2	1335934	1384298	1339789	1353340	1.99	cps
Copper	63-2	10259893	10492274	10390331	10380833	1.12	cps
Dysprosium	156-1	583	600	567	583	2.86	cps
Dysprosium	156-2	283	267	283	278	3.46	cps
Erbium	164-1	267	267	208	247	13.62	cps
Erbium	164-2	113	67	103	94	26.01	cps
Gadolinium	160-1	717	658	717	697	4.83	cps
Gadolinium	160-2	440	363	370	391	10.86	cps
Holmium	165-1	9611610	9637331	9756837	9668593	0.80	cps
Holmium	165-2	4245330	4279669	4177207	4234068	1.23	cps
Indium	115-1	8308833	7977846	8205943	8164207	2.07	cps
Indium	115-2	1074348	1075847	1087779	1079325	0.68	cps
Iron	54-2	8005522	7908403	7862142	7925356	0.92	cps
Iron	56-2	144803914	140094586	142211256	142369919	1.66	cps
Iron	57-2	3489454	3637732	3480091	3535759	2.50	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	CCV069	Instrumnet Name :	P8
Client Sample ID :	CCV069	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 20:01:58	DataFile Name :	143CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1060	1197	1190	1149	6.71	cps
Lead	206-1	8976278	9361923	9186618	9174940	2.10	cps
Lead	207-1	7754175	8020525	7909493	7894731	1.69	cps
Lead	208-1	35800002	36880778	36666082	36448954	1.57	cps
Lithium	6-1	2905821	2926156	3038514	2956831	2.42	cps
Magnesium	24-2	30761133	30456061	29691308	30302834	1.82	cps
Manganese	55-2	3774466	3655153	3688868	3706162	1.66	cps
Molybdenum	94-1	10423351	10694422	10688098	10601957	1.46	cps
Molybdenum	95-1	15463199	15473075	15898605	15611626	1.59	cps
Molybdenum	96-1	17028826	17154201	16920771	17034600	0.69	cps
Molybdenum	97-1	9457331	9511190	9372500	9447007	0.74	cps
Molybdenum	98-1	24803961	24936123	25126715	24955600	0.65	cps
Neodymium	150-1	527	440	487	484	8.95	cps
Neodymium	150-2	113	123	97	111	12.12	cps
Nickel	60-2	354948	360788	359606	358447	0.86	cps
Phosphorus	31-2	21049	20982	20649	20893	1.03	cps
Potassium	39-2	10789612	10788760	10763629	10780667	0.14	cps
Rhodium	103-1	7535563	7551875	7648408	7578615	0.80	cps
Rhodium	103-2	3318689	3241765	3350212	3303555	1.69	cps
Scandium	45-1	6296434	6388460	6530196	6405030	1.84	cps
Scandium	45-2	189765	182350	188326	186814	2.10	cps
Selenium	82-1	48555	48060	48526	48380	0.57	cps
Selenium	77-2	1290	1380	1160	1277	8.66	cps
Selenium	78-2	4325	4257	4321	4301	0.89	cps
Silicon	28-1	2503861	2734728	2701355	2646648	4.71	cps
Silver	107-1	3210608	3220563	3214965	3215379	0.16	cps
Silver	109-1	3068817	3111408	3088938	3089721	0.69	cps
Sodium	23-2	58911512	60533931	57691393	59045612	2.42	cps
Strontium	86-1	9763924	9711944	9412890	9629586	1.97	cps
Strontium	88-1	82579208	82128323	81161789	81956440	0.88	cps
Sulfur	34-1	707189	695599	687452	696747	1.42	cps
Terbium	159-1	10097717	10150102	10147074	10131631	0.29	cps
Terbium	159-2	4050050	4096054	4070178	4072094	0.57	cps
Thallium	203-1	2282369	2273205	2230833	2262136	1.22	cps
Thallium	205-1	5236630	5197584	5193924	5209379	0.45	cps
Tin	118-1	2248509	2180698	2214491	2214566	1.53	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	CCV069	Instrumnet Name :	P8
Client Sample ID :	CCV069	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 20:01:58	DataFile Name :	143CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5041189	5084552	4951714	5025818	1.35	cps
Uranium	238-1	6772039	6831583	6918310	6840644	1.08	cps
Vanadium	51-2	629863	621761	621247	624290	0.77	cps
Ytterbium	172-1	67	67	75	69	6.93	cps
Ytterbium	172-2	56	28	28	37	43.30	cps
Ytterbium	176-1	10054	10196	10113	10121	0.70	cps
Ytterbium	176-2	9459	9348	9515	9441	0.90	cps
Yttrium	89-1	15681851	15507184	15603745	15597594	0.56	cps
Yttrium	89-2	1511484	1453652	1499229	1488122	2.05	cps
Zinc	66-2	1036238	1012819	1016578	1021878	1.23	cps
Zirconium	90-1	5254547	5071386	5081364	5135765	2.01	cps
Zirconium	91-1	1150810	1139772	1136898	1142493	0.64	cps

LB Number : LB117862 Operator : Jaswal
 Lab Sample ID : CCB069 Instrumnet Name : P8
 Client Sample ID : CCB069 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-16 20:11:08 DataFile Name : 144CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	135	111	109	118	12.24	cps
Antimony	121-1	442	408	358	403	10.41	cps
Arsenic	75-2	11	5	10	9	37.09	cps
Barium	135-1	33	75	50	53	39.74	cps
Barium	137-1	95	153	130	126	23.28	cps
Beryllium	9-1	150	128	166	148	12.89	cps
Bismuth	209-1	5537790	5619584	5534506	5563960	0.87	cps
Bismuth	209-2	2918488	2903901	2848828	2890406	1.27	cps
Boron	10-1	1844	1732	1732	1769	3.65	cps
Boron	11-1	8337	8569	8681	8529	2.06	cps
Bromine	81-1	20126	19163	19173	19487	2.84	cps
Cadmium	111-1	489	493	475	486	1.98	cps
Cadmium	106-1	3259	3651	2984	3298	10.16	cps
Cadmium	108-1	50	17	33	33	50.00	cps
Calcium	43-1	252	260	324	279	14.04	cps
Calcium	44-1	20199	20055	20700	20318	1.67	cps
Carbon	12-1	3925310	3863953	3912035	3900433	0.83	cps
Carbon	12-2	44126	42304	43331	43254	2.11	cps
Chlorine	35-1	2126814	2148364	2032947	2102708	2.92	cps
Chlorine	35-2	12172	11421	12072	11889	3.43	cps
Chromium	52-2	617	560	713	630	12.31	cps
Cobalt	59-2	63	30	60	51	35.92	cps
Copper	63-2	850	787	843	827	4.21	cps
Dysprosium	156-1	25	25	8	19	49.50	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	100	75	150	108	35.25	cps
Erbium	164-2	33	27	40	33	20.00	cps
Gadolinium	160-1	25	75	33	44	60.28	cps
Gadolinium	160-2	93	87	43	74	36.47	cps
Holmium	165-1	9494256	9606817	9537920	9546331	0.59	cps
Holmium	165-2	3997533	4082650	4103468	4061217	1.38	cps
Indium	115-1	8211908	8482003	8357016	8350309	1.62	cps
Indium	115-2	1089313	1092719	1098636	1093556	0.43	cps
Iron	54-2	439	394	383	406	7.25	cps
Iron	56-2	4223	3573	3456	3751	11.02	cps
Iron	57-2	211	233	206	217	6.78	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	CCB069	Instrumnet Name :	P8
Client Sample ID :	CCB069	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 20:11:08	DataFile Name :	144CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1070	1167	1080	1106	4.81	cps
Lead	206-1	2022	2117	2345	2161	7.67	cps
Lead	207-1	1728	1767	1956	1817	6.71	cps
Lead	208-1	7896	7990	9836	8574	12.76	cps
Lithium	6-1	3086936	2982789	3107385	3059037	2.18	cps
Magnesium	24-2	742	633	550	642	14.98	cps
Manganese	55-2	147	120	130	132	10.19	cps
Molybdenum	94-1	575	517	533	542	5.55	cps
Molybdenum	95-1	325	375	383	361	8.74	cps
Molybdenum	96-1	525	583	550	553	5.29	cps
Molybdenum	97-1	233	192	258	228	14.79	cps
Molybdenum	98-1	692	567	608	622	10.23	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	50	30	30	37	31.49	cps
Phosphorus	31-2	75	67	100	81	21.53	cps
Potassium	39-2	15517	16026	15776	15773	1.61	cps
Rhodium	103-1	8053451	7885409	7834610	7924490	1.45	cps
Rhodium	103-2	3476477	3489989	3441804	3469424	0.72	cps
Scandium	45-1	6338721	6346805	6179441	6288322	1.50	cps
Scandium	45-2	177867	179564	182074	179835	1.18	cps
Selenium	82-1	47	-65	-22	-14	-416.29	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	52	33	31	39	29.99	cps
Silicon	28-1	543508	543792	539876	542392	0.40	cps
Silver	107-1	317	275	358	317	13.16	cps
Silver	109-1	300	367	317	328	10.58	cps
Sodium	23-2	21608	21666	21391	21555	0.67	cps
Strontium	86-1	2000	1875	1750	1875	6.67	cps
Strontium	88-1	1283	1258	1742	1428	19.06	cps
Sulfur	34-1	366130	366087	373128	368448	1.10	cps
Terbium	159-1	9880816	10207019	10035559	10041131	1.63	cps
Terbium	159-2	3977676	3908404	3939591	3941890	0.88	cps
Thallium	203-1	758	625	708	697	9.66	cps
Thallium	205-1	1600	1433	1575	1536	5.85	cps
Tin	118-1	11105	10930	10538	10857	2.67	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	CCB069	Instrumnet Name :	P8
Client Sample ID :	CCB069	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 20:11:08	DataFile Name :	144CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	175	250	308	244	27.34	cps
Uranium	238-1	67	100	142	103	36.56	cps
Vanadium	51-2	3	10	13	9	57.30	cps
Ytterbium	172-1	42	33	8	28	62.46	cps
Ytterbium	172-2	0	11	33	15	114.56	cps
Ytterbium	176-1	833	792	942	856	9.05	cps
Ytterbium	176-2	5157	5551	5418	5375	3.73	cps
Yttrium	89-1	15252519	16160410	15586854	15666594	2.93	cps
Yttrium	89-2	1468062	1474068	1473384	1471838	0.22	cps
Zinc	66-2	287	307	220	271	16.74	cps
Zirconium	90-1	883	933	867	894	3.88	cps
Zirconium	91-1	225	158	233	206	20.00	cps

LB Number : LB117862 Operator : Jaswal
 Lab Sample ID : PB141406BL Instrumnet Name : P8
 Client Sample ID : PBS406 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-16 20:14:12 DataFile Name : 145CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	97	86	100	95	7.74	cps
Antimony	121-1	167	200	217	194	13.09	cps
Arsenic	75-2	11	5	10	9	37.09	cps
Barium	135-1	42	42	33	39	12.38	cps
Barium	137-1	100	133	62	98	36.47	cps
Beryllium	9-1	104	148	152	135	19.78	cps
Bismuth	209-1	5408072	5448588	5679273	5511978	2.65	cps
Bismuth	209-2	2973699	2948804	3010698	2977734	1.05	cps
Boron	10-1	1398	1380	1380	1386	0.75	cps
Boron	11-1	6988	6782	6896	6889	1.50	cps
Bromine	81-1	19303	19424	18973	19233	1.21	cps
Cadmium	111-1	417	350	288	352	18.26	cps
Cadmium	106-1	3876	3492	3117	3495	10.85	cps
Cadmium	108-1	17	29	50	32	52.71	cps
Calcium	43-1	219	244	206	223	8.56	cps
Calcium	44-1	18910	19011	19016	18979	0.32	cps
Carbon	12-1	4010069	4130904	4067888	4069620	1.49	cps
Carbon	12-2	42621	45262	44142	44009	3.01	cps
Chlorine	35-1	1651088	1673985	1656180	1660418	0.72	cps
Chlorine	35-2	10587	9503	10229	10107	5.46	cps
Chromium	52-2	587	557	590	578	3.18	cps
Cobalt	59-2	50	70	100	73	34.32	cps
Copper	63-2	703	633	753	697	8.65	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	0	10	3	173.21	cps
Erbium	164-1	83	75	67	75	11.11	cps
Erbium	164-2	17	17	20	18	10.81	cps
Gadolinium	160-1	50	50	58	53	9.11	cps
Gadolinium	160-2	70	63	57	63	10.52	cps
Holmium	165-1	9303303	9353551	9460902	9372586	0.86	cps
Holmium	165-2	4210843	4259738	4208183	4226255	0.69	cps
Indium	115-1	8018261	8228959	8174787	8140669	1.34	cps
Indium	115-2	1144851	1123548	1135439	1134613	0.94	cps
Iron	54-2	378	383	394	385	2.20	cps
Iron	56-2	3056	2745	2700	2834	6.84	cps
Iron	57-2	161	117	217	165	30.40	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	PB141406BL	Instrumnet Name :	P8
Client Sample ID :	PBS406	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 20:14:12	DataFile Name :	145CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1117	1190	1170	1159	3.27	cps
Lead	206-1	1722	1400	1595	1572	10.32	cps
Lead	207-1	1472	1417	1350	1413	4.33	cps
Lead	208-1	6545	6379	6451	6458	1.29	cps
Lithium	6-1	2931603	2969695	3102210	3001169	2.98	cps
Magnesium	24-2	667	542	550	586	11.92	cps
Manganese	55-2	113	80	60	84	31.91	cps
Molybdenum	94-1	367	308	300	325	11.18	cps
Molybdenum	95-1	150	125	125	133	10.83	cps
Molybdenum	96-1	292	167	275	244	27.77	cps
Molybdenum	97-1	217	117	33	122	75.11	cps
Molybdenum	98-1	242	183	167	197	19.97	cps
Neodymium	150-1	7	0	20	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	43	43	47	44	4.34	cps
Phosphorus	31-2	58	67	142	89	51.64	cps
Potassium	39-2	16326	15651	15442	15806	2.92	cps
Rhodium	103-1	7652464	7664257	8010166	7775629	2.61	cps
Rhodium	103-2	3448473	3590140	3561383	3533332	2.12	cps
Scandium	45-1	5891210	6335465	6447588	6224755	4.73	cps
Scandium	45-2	186202	185912	184674	185596	0.44	cps
Selenium	82-1	-19	-41	-49	-36	-41.87	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	36	44	41	40	10.02	cps
Silicon	28-1	545329	544001	539836	543055	0.53	cps
Silver	107-1	217	267	342	275	22.88	cps
Silver	109-1	233	292	233	253	13.32	cps
Sodium	23-2	20532	20064	20181	20259	1.20	cps
Strontium	86-1	1767	1717	1825	1770	3.06	cps
Strontium	88-1	292	417	350	353	17.73	cps
Sulfur	34-1	373194	366542	368068	369268	0.94	cps
Terbium	159-1	9541957	9949049	10020219	9837075	2.62	cps
Terbium	159-2	4089594	3967639	4199250	4085494	2.84	cps
Thallium	203-1	608	667	617	631	5.00	cps
Thallium	205-1	1542	1500	1383	1475	5.56	cps
Tin	118-1	21225	20407	20825	20819	1.96	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	PB141406BL	Instrumnet Name :	P8
Client Sample ID :	PBS406	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 20:14:12	DataFile Name :	145CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	233	192	208	211	9.93	cps
Uranium	238-1	0	8	33	14	124.91	cps
Vanadium	51-2	20	30	23	24	20.83	cps
Ytterbium	172-1	25	25	42	31	31.50	cps
Ytterbium	172-2	6	6	6	6	0.00	cps
Ytterbium	176-1	825	833	1100	920	17.01	cps
Ytterbium	176-2	5412	5835	6279	5842	7.42	cps
Yttrium	89-1	15027967	15287502	15656342	15323937	2.06	cps
Yttrium	89-2	1492123	1534069	1504661	1510284	1.43	cps
Zinc	66-2	210	190	203	201	5.06	cps
Zirconium	90-1	883	883	1000	922	7.30	cps
Zirconium	91-1	150	175	192	172	12.18	cps

LB Number : LB117862 Operator : Jaswal
 Lab Sample ID : PB141406BS Instrumnet Name : P8
 Client Sample ID : LCS406 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-16 20:17:17 DataFile Name : 146LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1635	1687	1624	1649	2.06	cps
Antimony	121-1	18755	18288	18087	18377	1.86	cps
Arsenic	75-2	305	335	280	307	8.98	cps
Barium	135-1	24047	23070	22803	23307	2.81	cps
Barium	137-1	54956	53275	53516	53916	1.69	cps
Beryllium	9-1	2660	2700	2712	2690	1.01	cps
Bismuth	209-1	5600958	5491821	5507476	5533418	1.07	cps
Bismuth	209-2	2985881	3006223	2873920	2955341	2.41	cps
Boron	10-1	5926	6532	6702	6387	6.39	cps
Boron	11-1	28436	30143	31981	30187	5.87	cps
Bromine	81-1	20677	20035	20556	20423	1.67	cps
Cadmium	111-1	2191	2449	2506	2382	7.05	cps
Cadmium	106-1	4051	4109	3992	4051	1.44	cps
Cadmium	108-1	229	225	242	232	3.74	cps
Calcium	43-1	17293	17297	17784	17458	1.62	cps
Calcium	44-1	299216	297384	303483	300028	1.04	cps
Carbon	12-1	4214093	4046877	4156852	4139274	2.05	cps
Carbon	12-2	46215	46324	45914	46151	0.46	cps
Chlorine	35-1	1380690	1379896	1417543	1392710	1.54	cps
Chlorine	35-2	8853	8303	8753	8636	3.39	cps
Chromium	52-2	6478	6008	6048	6178	4.22	cps
Cobalt	59-2	5284	5138	4964	5129	3.12	cps
Copper	63-2	8593	9066	8089	8583	5.69	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	58	50	42	50	16.67	cps
Erbium	164-2	17	13	10	13	25.01	cps
Gadolinium	160-1	33	50	25	36	35.25	cps
Gadolinium	160-2	63	73	87	74	15.73	cps
Holmium	165-1	9600215	9258771	9546964	9468650	1.94	cps
Holmium	165-2	4197599	4204951	4080360	4160970	1.68	cps
Indium	115-1	8138847	8424678	8206202	8256576	1.81	cps
Indium	115-2	1147130	1138404	1110779	1132104	1.68	cps
Iron	54-2	26959	27794	26648	27133	2.18	cps
Iron	56-2	497517	497885	492979	496127	0.55	cps
Iron	57-2	12578	12261	12344	12394	1.33	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	PB141406BS	Instrumnet Name :	P8
Client Sample ID :	LCS406	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 20:17:17	DataFile Name :	146LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1063	1110	1167	1113	4.65	cps
Lead	206-1	7802	7914	9331	8349	10.21	cps
Lead	207-1	7052	7235	7847	7378	5.64	cps
Lead	208-1	31971	31910	35803	33228	6.71	cps
Lithium	6-1	3084369	2931738	2997312	3004473	2.55	cps
Magnesium	24-2	114502	118895	117643	117013	1.93	cps
Manganese	55-2	1650	1573	1567	1597	2.90	cps
Molybdenum	94-1	21784	21567	21116	21489	1.59	cps
Molybdenum	95-1	26184	26376	25783	26114	1.16	cps
Molybdenum	96-1	29023	28380	29507	28970	1.95	cps
Molybdenum	97-1	16035	16644	16936	16538	2.78	cps
Molybdenum	98-1	41873	41680	42458	42004	0.96	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1320	1403	1540	1421	7.82	cps
Phosphorus	31-2	217	150	108	158	34.51	cps
Potassium	39-2	97825	95324	95281	96143	1.51	cps
Rhodium	103-1	8006383	7921626	7845598	7924536	1.01	cps
Rhodium	103-2	3522737	3503326	3457417	3494493	0.96	cps
Scandium	45-1	6179680	6197279	6332321	6236427	1.34	cps
Scandium	45-2	183506	187756	183536	184933	1.32	cps
Selenium	82-1	986	995	840	940	9.24	cps
Selenium	77-2	20	23	23	22	8.65	cps
Selenium	78-2	128	135	122	128	5.07	cps
Silicon	28-1	623702	623662	626319	624561	0.24	cps
Silver	107-1	11105	10821	11338	11088	2.34	cps
Silver	109-1	11080	11322	11255	11219	1.11	cps
Sodium	23-2	241272	249869	246509	245883	1.76	cps
Strontium	86-1	5610	5768	5551	5643	1.99	cps
Strontium	88-1	30401	29574	32297	30757	4.54	cps
Sulfur	34-1	375201	375327	375991	375506	0.11	cps
Terbium	159-1	9717225	10208814	9718803	9881614	2.87	cps
Terbium	159-2	4166512	4224123	3997877	4129504	2.85	cps
Thallium	203-1	8370	8403	8453	8409	0.50	cps
Thallium	205-1	20417	20625	20508	20517	0.51	cps
Tin	118-1	71051	70699	71345	71032	0.45	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	PB141406BS	Instrumnet Name :	P8
Client Sample ID :	LCS406	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 20:17:17	DataFile Name :	146LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	8636	8253	8620	8503	2.55	cps
Uranium	238-1	24258	24240	23506	24001	1.79	cps
Vanadium	51-2	12032	11555	11458	11682	2.63	cps
Ytterbium	172-1	33	33	58	42	34.64	cps
Ytterbium	172-2	6	6	22	11	86.55	cps
Ytterbium	176-1	983	1075	917	992	8.02	cps
Ytterbium	176-2	5501	5346	5579	5475	2.17	cps
Yttrium	89-1	15248012	15514290	15636474	15466259	1.28	cps
Yttrium	89-2	1536137	1508513	1484254	1509635	1.72	cps
Zinc	66-2	2500	2457	2467	2475	0.92	cps
Zirconium	90-1	18646	18054	19948	18883	5.13	cps
Zirconium	91-1	3809	4334	4426	4190	7.94	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-12	Instrumnet Name :	P8
Client Sample ID :	MH1G73	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 20:20:19	DataFile Name :	147AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	71282	70881	70589	70917	0.49	cps
Antimony	121-1	3908069	3963180	4022403	3964551	1.44	cps
Arsenic	75-2	157485	157994	156104	157195	0.62	cps
Barium	135-1	68189	71297	70987	70157	2.44	cps
Barium	137-1	161558	168358	163556	164491	2.12	cps
Beryllium	9-1	490	474	404	456	10.03	cps
Bismuth	209-1	5617688	5666256	5804026	5695990	1.70	cps
Bismuth	209-2	2941826	2962700	2970092	2958206	0.50	cps
Boron	10-1	2276	2186	2144	2202	3.06	cps
Boron	11-1	10758	10338	10384	10493	2.20	cps
Bromine	81-1	20967	20326	21589	20961	3.01	cps
Cadmium	111-1	2066477	2039364	2055621	2053821	0.66	cps
Cadmium	106-1	197825	195931	199573	197777	0.92	cps
Cadmium	108-1	142597	143296	143826	143239	0.43	cps
Calcium	43-1	1648882	1696299	1743758	1696313	2.80	cps
Calcium	44-1	26080837	27333177	27659998	27024671	3.08	cps
Carbon	12-1	4307963	4393706	4469404	4390358	1.84	cps
Carbon	12-2	49109	47277	47218	47868	2.25	cps
Chlorine	35-1	14963547	19750008	23405951	19373168	21.85	cps
Chlorine	35-2	184424	194606	206020	195016	5.54	cps
Chromium	52-2	72982	74128	74114	73742	0.89	cps
Cobalt	59-2	51580	50700	51865	51382	1.18	cps
Copper	63-2	3486791	3551045	3564633	3534157	1.18	cps
Dysprosium	156-1	13382	12248	12965	12865	4.46	cps
Dysprosium	156-2	5841	5621	5465	5642	3.36	cps
Erbium	164-1	12865	12131	12381	12459	3.00	cps
Erbium	164-2	5154	5214	5014	5128	2.00	cps
Gadolinium	160-1	13507	13207	12481	13065	4.04	cps
Gadolinium	160-2	6488	6325	6255	6356	1.88	cps
Holmium	165-1	9774056	9635540	10084407	9831335	2.34	cps
Holmium	165-2	4287242	4293060	4166844	4249049	1.68	cps
Indium	115-1	8717043	8473565	8671919	8620842	1.50	cps
Indium	115-2	1141022	1148301	1152695	1147339	0.51	cps
Iron	54-2	5498168	5937353	5780959	5738827	3.88	cps
Iron	56-2	102805197	106366372	106562547	105244705	2.01	cps
Iron	57-2	2575417	2775679	2724670	2691922	3.87	cps

LB Number : LB117862 Operator : Jaswal
 Lab Sample ID : M5043-12 Instrumnet Name : P8
 Client Sample ID : MH1G73 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-16 20:20:19 DataFile Name : 147AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1347	1213	1167	1242	7.52	cps
Lead	206-1	128031761	128796278	128353103	128393714	0.30	cps
Lead	207-1	109261183	112303128	110610777	110725029	1.38	cps
Lead	208-1	506205850	518439845	510104870	511583522	1.22	cps
Lithium	6-1	3118288	3007151	3106113	3077184	1.98	cps
Magnesium	24-2	3836326	3914797	3878210	3876444	1.01	cps
Manganese	55-2	3719170	3976232	3953165	3882856	3.66	cps
Molybdenum	94-1	20073	22577	21901	21517	6.02	cps
Molybdenum	95-1	14792	15401	13999	14730	4.77	cps
Molybdenum	96-1	21033	21108	20783	20975	0.81	cps
Molybdenum	97-1	8586	9245	9337	9056	4.52	cps
Molybdenum	98-1	23779	23712	23136	23543	1.50	cps
Neodymium	150-1	21671	22185	21531	21796	1.58	cps
Neodymium	150-2	6878	6822	6428	6710	3.65	cps
Nickel	60-2	10958	10681	10788	10809	1.29	cps
Phosphorus	31-2	19555	18429	18738	18907	3.08	cps
Potassium	39-2	96707	95905	96021	96211	0.45	cps
Rhodium	103-1	7921626	8111782	8148786	8060732	1.51	cps
Rhodium	103-2	3546261	3584172	3478245	3536226	1.52	cps
Scandium	45-1	6367548	6573592	6554013	6498385	1.75	cps
Scandium	45-2	184355	187753	185927	186012	0.91	cps
Selenium	82-1	1193	1332	1371	1299	7.17	cps
Selenium	77-2	53	53	47	51	7.52	cps
Selenium	78-2	155	162	187	168	10.01	cps
Silicon	28-1	3351174	3313337	3172984	3279165	2.86	cps
Silver	107-1	868288	910675	890321	889761	2.38	cps
Silver	109-1	856323	864373	866468	862388	0.62	cps
Sodium	23-2	100337	104214	103888	102813	2.09	cps
Strontium	86-1	118274	124738	127093	123368	3.70	cps
Strontium	88-1	1022210	1044703	1039788	1035567	1.14	cps
Sulfur	34-1	3019267	3047665	2975936	3014289	1.20	cps
Terbium	159-1	10334744	10346821	10311046	10330870	0.18	cps
Terbium	159-2	4312391	4083682	4158993	4185022	2.79	cps
Thallium	203-1	20851	22253	20909	21338	3.72	cps
Thallium	205-1	50006	51905	53135	51682	3.05	cps
Tin	118-1	38154	37619	40051	38608	3.31	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-12	Instrumnet Name :	P8
Client Sample ID :	MH1G73	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 20:20:19	DataFile Name :	147AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	45315	46435	46426	46059	1.40	cps
Uranium	238-1	79441	80178	80213	79944	0.55	cps
Vanadium	51-2	26004	26017	26298	26106	0.64	cps
Ytterbium	172-1	3759	3992	3717	3823	3.88	cps
Ytterbium	172-2	2017	2028	1884	1976	4.07	cps
Ytterbium	176-1	3117	3634	3384	3378	7.65	cps
Ytterbium	176-2	6513	6819	7085	6806	4.21	cps
Yttrium	89-1	16561339	16450174	16583987	16531833	0.43	cps
Yttrium	89-2	1548954	1605677	1546287	1566973	2.14	cps
Zinc	66-2	59626709	62538181	60544667	60903186	2.44	cps
Zirconium	90-1	36441	36891	37117	36816	0.93	cps
Zirconium	91-1	8461	8511	8645	8539	1.11	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-13	Instrumnet Name :	P8
Client Sample ID :	MH1G74	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 20:23:15	DataFile Name :	148AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	133401	132782	132815	132999	0.26	cps
Antimony	121-1	2376273	2380246	2335122	2363880	1.06	cps
Arsenic	75-2	73695	74141	74589	74142	0.60	cps
Barium	135-1	100793	98567	99884	99748	1.12	cps
Barium	137-1	231584	234598	232077	232753	0.69	cps
Beryllium	9-1	388	382	382	384	0.90	cps
Bismuth	209-1	5867878	5834301	5854138	5852106	0.29	cps
Bismuth	209-2	2537072	2788327	3119031	2814810	10.37	cps
Boron	10-1	2358	2400	2394	2384	0.95	cps
Boron	11-1	10452	10500	11246	10733	4.15	cps
Bromine	81-1	22813	23003	21749	22521	3.00	cps
Cadmium	111-1	200870	201571	204116	202186	0.84	cps
Cadmium	106-1	23487	24531	23103	23707	3.12	cps
Cadmium	108-1	14491	13986	14312	14263	1.79	cps
Calcium	43-1	1716914	1752389	1772180	1747161	1.60	cps
Calcium	44-1	27970686	27855964	27733260	27853303	0.43	cps
Carbon	12-1	4407827	4546964	4457333	4470708	1.58	cps
Carbon	12-2	49116	49828	48482	49142	1.37	cps
Chlorine	35-1	32315899	37177359	40824580	36772613	11.61	cps
Chlorine	35-2	285275	293290	302999	293855	3.02	cps
Chromium	52-2	23620	24087	23947	23885	1.00	cps
Cobalt	59-2	27610	27416	27233	27420	0.69	cps
Copper	63-2	1467947	1442747	1445310	1452001	0.96	cps
Dysprosium	156-1	11288	11414	11080	11261	1.50	cps
Dysprosium	156-2	4694	4544	4784	4674	2.59	cps
Erbium	164-1	9395	9020	9695	9370	3.61	cps
Erbium	164-2	3897	3777	3944	3873	2.22	cps
Gadolinium	160-1	9971	9929	9946	9948	0.21	cps
Gadolinium	160-2	5051	4788	4778	4872	3.18	cps
Holmium	165-1	9722850	9785543	9882131	9796841	0.82	cps
Holmium	165-2	3692955	4100679	4406014	4066549	8.80	cps
Indium	115-1	8455949	8656111	8734142	8615401	1.67	cps
Indium	115-2	982392	1094859	1161960	1079737	8.40	cps
Iron	54-2	3029378	3051596	2912330	2997768	2.50	cps
Iron	56-2	53493582	53208171	53993597	53565116	0.74	cps
Iron	57-2	1347966	1315666	1391470	1351701	2.81	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-13	Instrumnet Name :	P8
Client Sample ID :	MH1G74	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 20:23:15	DataFile Name :	148AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1190	1227	1183	1200	1.94	cps
Lead	206-1	36926962	37406244	37202799	37178668	0.65	cps
Lead	207-1	32248422	32152519	32305185	32235375	0.24	cps
Lead	208-1	148745311	150243437	149496394	149495048	0.50	cps
Lithium	6-1	3044180	3094125	2911935	3016747	3.12	cps
Magnesium	24-2	2116581	2062798	2132634	2104004	1.74	cps
Manganese	55-2	2484560	2470721	2450830	2468704	0.69	cps
Molybdenum	94-1	9837	10479	10571	10296	3.88	cps
Molybdenum	95-1	8561	8786	8178	8508	3.62	cps
Molybdenum	96-1	11021	10955	11630	11202	3.32	cps
Molybdenum	97-1	4676	4859	5034	4857	3.69	cps
Molybdenum	98-1	12940	13599	12790	13109	3.28	cps
Neodymium	150-1	18807	18306	18333	18482	1.52	cps
Neodymium	150-2	5531	5708	5788	5676	2.31	cps
Nickel	60-2	7822	7542	7482	7615	2.38	cps
Phosphorus	31-2	6935	7627	7435	7333	4.87	cps
Potassium	39-2	63867	62645	63021	63178	0.99	cps
Rhodium	103-1	8259645	8233595	8233372	8242204	0.18	cps
Rhodium	103-2	3062518	3484458	3552142	3366373	7.88	cps
Scandium	45-1	6553452	6695525	6580721	6609900	1.14	cps
Scandium	45-2	161581	182663	194276	179507	9.23	cps
Selenium	82-1	1302	1258	1266	1275	1.84	cps
Selenium	77-2	63	50	77	63	21.06	cps
Selenium	78-2	155	187	161	168	10.14	cps
Silicon	28-1	3799386	3962957	3866742	3876362	2.12	cps
Silver	107-1	331584	335418	338499	335167	1.03	cps
Silver	109-1	323946	323160	313790	320299	1.76	cps
Sodium	23-2	223492	221845	221380	222239	0.50	cps
Strontium	86-1	204705	192726	195302	197578	3.19	cps
Strontium	88-1	1731507	1699627	1715086	1715407	0.93	cps
Sulfur	34-1	1368493	1421717	1383802	1391337	1.97	cps
Terbium	159-1	10027163	10721383	10283285	10343944	3.39	cps
Terbium	159-2	3626537	4041181	4265693	3977803	8.15	cps
Thallium	203-1	16035	17062	16402	16500	3.15	cps
Thallium	205-1	38675	40915	38333	39308	3.57	cps
Tin	118-1	22636	23304	22753	22898	1.56	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-13	Instrumnet Name :	P8
Client Sample ID :	MH1G74	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 20:23:15	DataFile Name :	148AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	65484	66204	64656	65448	1.18	cps
Uranium	238-1	34481	34180	35668	34776	2.26	cps
Vanadium	51-2	17090	16833	17267	17064	1.28	cps
Ytterbium	172-1	2759	3100	2809	2889	6.39	cps
Ytterbium	172-2	1322	1295	1433	1350	5.44	cps
Ytterbium	176-1	2517	2942	2775	2745	7.80	cps
Ytterbium	176-2	5423	5896	7052	6124	13.68	cps
Yttrium	89-1	16584135	16749888	16910296	16748106	0.97	cps
Yttrium	89-2	1367976	1515121	1556510	1479869	6.70	cps
Zinc	66-2	7536258	7180574	7214726	7310519	2.68	cps
Zirconium	90-1	16377	16360	17504	16747	3.91	cps
Zirconium	91-1	4051	3542	4009	3867	7.30	cps

LB Number : LB117862 Operator : Jaswal
 Lab Sample ID : M5043-14 Instrumnet Name : P8
 Client Sample ID : MH1G75 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-16 20:26:10 DataFile Name : 149AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	103329	102892	103720	103314	0.40	cps
Antimony	121-1	2183027	2175624	2121896	2160182	1.54	cps
Arsenic	75-2	63231	62284	62470	62662	0.80	cps
Barium	135-1	104604	102715	101573	102964	1.49	cps
Barium	137-1	242551	243950	239236	241912	1.00	cps
Beryllium	9-1	434	412	382	409	6.38	cps
Bismuth	209-1	5693501	5860139	5771758	5775133	1.44	cps
Bismuth	209-2	2894125	2975375	2916556	2928685	1.43	cps
Boron	10-1	1512	1524	1474	1503	1.74	cps
Boron	11-1	6882	7220	7366	7156	3.47	cps
Bromine	81-1	22672	21920	21719	22104	2.27	cps
Cadmium	111-1	218845	224542	221688	221692	1.28	cps
Cadmium	106-1	25658	25575	26802	26011	2.64	cps
Cadmium	108-1	15634	16206	15847	15895	1.82	cps
Calcium	43-1	1583714	1693138	1601019	1625957	3.62	cps
Calcium	44-1	25090165	25952563	25027325	25356684	2.04	cps
Carbon	12-1	4459919	4464304	4425332	4449852	0.48	cps
Carbon	12-2	49359	47001	47503	47955	2.59	cps
Chlorine	35-1	46654259	52678304	55968337	51766967	9.12	cps
Chlorine	35-2	388243	390750	393427	390807	0.66	cps
Chromium	52-2	27230	26047	26087	26455	2.54	cps
Cobalt	59-2	17291	16233	16470	16664	3.33	cps
Copper	63-2	1202242	1175751	1155188	1177727	2.00	cps
Dysprosium	156-1	11046	11013	10705	10921	1.73	cps
Dysprosium	156-2	4541	4487	4694	4574	2.35	cps
Erbium	164-1	9604	10154	9812	9857	2.82	cps
Erbium	164-2	3851	4164	3964	3993	3.97	cps
Gadolinium	160-1	10529	10396	10529	10485	0.73	cps
Gadolinium	160-2	5131	5118	5138	5129	0.20	cps
Holmium	165-1	9836839	9593757	10041431	9824009	2.28	cps
Holmium	165-2	4243630	4191097	4239714	4224814	0.69	cps
Indium	115-1	8658013	8464572	8574068	8565551	1.13	cps
Indium	115-2	1160700	1140599	1151231	1150843	0.87	cps
Iron	54-2	1925953	1840638	1826087	1864226	2.89	cps
Iron	56-2	33786826	33755220	33020808	33520951	1.29	cps
Iron	57-2	818907	828989	807928	818608	1.29	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-14	Instrumnet Name :	P8
Client Sample ID :	MH1G75	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 20:26:10	DataFile Name :	149AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1137	1083	1283	1168	8.87	cps
Lead	206-1	29575932	29547654	29582847	29568811	0.06	cps
Lead	207-1	25685219	25702194	25846373	25744595	0.34	cps
Lead	208-1	118222019	120345887	117356253	118641386	1.30	cps
Lithium	6-1	3110818	2962423	3087238	3053493	2.61	cps
Magnesium	24-2	2744348	2739415	2793612	2759125	1.09	cps
Manganese	55-2	2395044	2353415	2300149	2349536	2.02	cps
Molybdenum	94-1	12831	13081	13140	13018	1.26	cps
Molybdenum	95-1	8219	8936	9003	8720	4.98	cps
Molybdenum	96-1	11680	11555	11639	11625	0.55	cps
Molybdenum	97-1	5159	5335	5034	5176	2.91	cps
Molybdenum	98-1	12956	13048	13632	13212	2.77	cps
Neodymium	150-1	18006	18286	18907	18400	2.51	cps
Neodymium	150-2	5855	5464	5528	5616	3.73	cps
Nickel	60-2	8326	8706	8379	8470	2.43	cps
Phosphorus	31-2	7727	7836	8061	7875	2.16	cps
Potassium	39-2	56805	55826	55951	56194	0.95	cps
Rhodium	103-1	7994916	7867643	8080101	7980887	1.34	cps
Rhodium	103-2	3583944	3470386	3533291	3529207	1.61	cps
Scandium	45-1	6575458	6599472	6417905	6530945	1.51	cps
Scandium	45-2	193589	187888	187552	189676	1.79	cps
Selenium	82-1	823	937	636	799	19.04	cps
Selenium	77-2	47	57	30	44	30.31	cps
Selenium	78-2	125	128	121	125	2.82	cps
Silicon	28-1	6244510	6281428	6058361	6194766	1.93	cps
Silver	107-1	324220	332522	328345	328362	1.26	cps
Silver	109-1	309319	310639	321484	313814	2.13	cps
Sodium	23-2	135353	139087	141645	138695	2.28	cps
Strontium	86-1	129475	132130	131836	131147	1.11	cps
Strontium	88-1	1070195	1095639	1103432	1089756	1.60	cps
Sulfur	34-1	1016395	865841	1013193	965143	8.91	cps
Terbium	159-1	10345642	10406495	10128506	10293548	1.42	cps
Terbium	159-2	4087295	4221422	4212444	4173720	1.80	cps
Thallium	203-1	11531	11814	11314	11553	2.17	cps
Thallium	205-1	26361	26995	27463	26940	2.05	cps
Tin	118-1	15050	14917	15726	15231	2.85	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-14	Instrumnet Name :	P8
Client Sample ID :	MH1G75	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 20:26:10	DataFile Name :	149AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	64722	64730	64982	64811	0.23	cps
Uranium	238-1	42648	43467	43326	43147	1.02	cps
Vanadium	51-2	21426	21710	21934	21690	1.17	cps
Ytterbium	172-1	2884	3267	3050	3067	6.27	cps
Ytterbium	172-2	1611	1295	1528	1478	11.11	cps
Ytterbium	176-1	2634	3234	2584	2817	12.84	cps
Ytterbium	176-2	6302	6852	6863	6672	4.81	cps
Yttrium	89-1	16209965	15942191	16435782	16195980	1.53	cps
Yttrium	89-2	1586748	1582313	1530784	1566615	1.99	cps
Zinc	66-2	8569848	8754978	8248144	8524323	3.01	cps
Zirconium	90-1	23011	23370	23495	23292	1.08	cps
Zirconium	91-1	5593	5660	5568	5607	0.85	cps

LB Number : LB117862 Operator : Jaswal
 Lab Sample ID : M5043-15 Instrumnet Name : P8
 Client Sample ID : MH1G76 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-16 20:29:06 DataFile Name : 150AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	169222	167030	164621	166958	1.38	cps
Antimony	121-1	658478	674907	666985	666790	1.23	cps
Arsenic	75-2	34552	34005	34262	34273	0.80	cps
Barium	135-1	112844	112543	112812	112733	0.15	cps
Barium	137-1	265132	263173	263830	264045	0.38	cps
Beryllium	9-1	524	544	536	535	1.88	cps
Bismuth	209-1	5851969	5868504	5877846	5866106	0.22	cps
Bismuth	209-2	2935597	2954717	2966386	2952234	0.53	cps
Boron	10-1	1510	1644	1714	1622	6.39	cps
Boron	11-1	7480	7336	7583	7466	1.66	cps
Bromine	81-1	23123	23835	23284	23414	1.59	cps
Cadmium	111-1	53427	52437	53249	53038	1.00	cps
Cadmium	106-1	8811	8962	9312	9028	2.84	cps
Cadmium	108-1	3751	3971	4051	3924	3.96	cps
Calcium	43-1	335147	334657	334697	334834	0.08	cps
Calcium	44-1	5605506	5463468	5365485	5478153	2.20	cps
Carbon	12-1	5968543	6009817	5826608	5934989	1.62	cps
Carbon	12-2	65254	66812	65012	65693	1.49	cps
Chlorine	35-1	44460283	50085756	53008288	49184776	8.83	cps
Chlorine	35-2	363865	384307	377302	375158	2.77	cps
Chromium	52-2	15498	15869	15125	15497	2.40	cps
Cobalt	59-2	36480	35591	35655	35909	1.38	cps
Copper	63-2	565412	567156	554272	562280	1.24	cps
Dysprosium	156-1	8386	7419	7461	7755	7.05	cps
Dysprosium	156-2	3140	3127	3307	3192	3.14	cps
Erbium	164-1	6060	6202	6652	6304	4.90	cps
Erbium	164-2	2554	2360	2420	2445	4.05	cps
Gadolinium	160-1	7060	7160	6502	6908	5.14	cps
Gadolinium	160-2	3294	3227	3270	3264	1.04	cps
Holmium	165-1	9817558	9916010	9902028	9878532	0.54	cps
Holmium	165-2	4231051	4179626	4329283	4246654	1.79	cps
Indium	115-1	8765723	8505906	8542805	8604811	1.63	cps
Indium	115-2	1152841	1157476	1157034	1155784	0.22	cps
Iron	54-2	2838295	2967636	2884829	2896920	2.26	cps
Iron	56-2	53720771	52619016	53567210	53302332	1.12	cps
Iron	57-2	1290933	1300057	1282192	1291061	0.69	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-15	Instrumnet Name :	P8
Client Sample ID :	MH1G76	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 20:29:06	DataFile Name :	150AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1203	1123	1103	1143	4.63	cps
Lead	206-1	16217917	16121878	16519009	16286268	1.27	cps
Lead	207-1	14162237	14035762	14241792	14146597	0.73	cps
Lead	208-1	65475055	64896392	65949721	65440389	0.81	cps
Lithium	6-1	2914700	2998293	3036344	2983113	2.09	cps
Magnesium	24-2	533922	529813	525911	529882	0.76	cps
Manganese	55-2	1107714	1112825	1123634	1114724	0.73	cps
Molybdenum	94-1	6502	5843	5760	6035	6.74	cps
Molybdenum	95-1	5234	5043	4818	5032	4.15	cps
Molybdenum	96-1	7644	7302	7169	7372	3.33	cps
Molybdenum	97-1	2892	3025	2909	2942	2.47	cps
Molybdenum	98-1	7461	7360	8078	7633	5.09	cps
Neodymium	150-1	13854	14128	13180	13721	3.55	cps
Neodymium	150-2	4377	4274	4047	4233	3.99	cps
Nickel	60-2	8089	8069	7826	7995	1.83	cps
Phosphorus	31-2	3150	3417	3617	3395	6.90	cps
Potassium	39-2	71914	73380	74544	73279	1.80	cps
Rhodium	103-1	8253107	8116506	8338257	8235957	1.36	cps
Rhodium	103-2	3599032	3562783	3556360	3572725	0.64	cps
Scandium	45-1	6882454	6635906	6729574	6749311	1.84	cps
Scandium	45-2	196394	192248	196571	195071	1.25	cps
Selenium	82-1	1094	1094	1175	1121	4.19	cps
Selenium	77-2	43	80	43	56	38.11	cps
Selenium	78-2	158	141	131	143	9.53	cps
Silicon	28-1	4988410	4880181	4799355	4889315	1.94	cps
Silver	107-1	139799	137031	138687	138506	1.01	cps
Silver	109-1	127834	133886	133094	131605	2.50	cps
Sodium	23-2	123555	120700	122800	122351	1.21	cps
Strontium	86-1	104684	103516	108512	105571	2.48	cps
Strontium	88-1	875696	880736	887942	881458	0.70	cps
Sulfur	34-1	1084947	1085365	1053836	1074716	1.68	cps
Terbium	159-1	10107835	10232151	10210936	10183640	0.65	cps
Terbium	159-2	4186914	4264488	4177771	4209724	1.13	cps
Thallium	203-1	9520	9279	9404	9401	1.29	cps
Thallium	205-1	21719	22879	23464	22687	3.91	cps
Tin	118-1	10646	11614	11614	11291	4.95	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-15	Instrumnet Name :	P8
Client Sample ID :	MH1G76	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 20:29:06	DataFile Name :	150AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	92214	89965	89028	90402	1.81	cps
Uranium	238-1	16561	16019	16411	16330	1.71	cps
Vanadium	51-2	19500	19690	20077	19756	1.49	cps
Ytterbium	172-1	1633	1758	1817	1736	5.40	cps
Ytterbium	172-2	756	861	872	830	7.76	cps
Ytterbium	176-1	2225	2250	2142	2206	2.57	cps
Ytterbium	176-2	6213	6296	6268	6259	0.68	cps
Yttrium	89-1	16265112	16010479	16380603	16218732	1.17	cps
Yttrium	89-2	1581634	1546295	1581922	1569950	1.30	cps
Zinc	66-2	1658004	1670828	1701274	1676702	1.33	cps
Zirconium	90-1	8686	8119	8353	8386	3.40	cps
Zirconium	91-1	1950	2242	2075	2089	7.01	cps

LB Number : LB117862 Operator : Jaswal
 Lab Sample ID : M5043-16 Instrumnet Name : P8
 Client Sample ID : MH1G77 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-16 20:32:02 DataFile Name : 151AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	241280	236252	238741	238758	1.05	cps
Antimony	121-1	6855559	6930568	6992277	6926135	0.99	cps
Arsenic	75-2	209222	200299	205922	205148	2.20	cps
Barium	135-1	198889	203011	201323	201074	1.03	cps
Barium	137-1	465217	474215	470716	470050	0.96	cps
Beryllium	9-1	784	784	806	791	1.61	cps
Bismuth	209-1	5550454	5644874	5732239	5642522	1.61	cps
Bismuth	209-2	2773088	2901989	2894893	2856657	2.54	cps
Boron	10-1	4252	4670	4882	4601	6.97	cps
Boron	11-1	20446	21345	22817	21536	5.56	cps
Bromine	81-1	23003	23253	22903	23053	0.78	cps
Cadmium	111-1	853977	883833	867929	868579	1.72	cps
Cadmium	106-1	89122	89424	88561	89036	0.49	cps
Cadmium	108-1	60930	61784	61373	61363	0.70	cps
Calcium	43-1	886149	905615	908814	900193	1.36	cps
Calcium	44-1	14543286	14657782	15142422	14781163	2.15	cps
Carbon	12-1	4680252	4687207	4564388	4643949	1.49	cps
Carbon	12-2	51525	52486	48456	50822	4.14	cps
Chlorine	35-1	48737962	55457578	59066683	54420741	9.63	cps
Chlorine	35-2	415846	414451	423836	418044	1.21	cps
Chromium	52-2	32427	30740	31525	31564	2.67	cps
Cobalt	59-2	27507	26164	26475	26715	2.63	cps
Copper	63-2	7059451	6559469	6854350	6824424	3.68	cps
Dysprosium	156-1	10638	10521	10079	10413	2.83	cps
Dysprosium	156-2	4411	4294	4351	4352	1.34	cps
Erbium	164-1	8678	9629	10104	9470	7.67	cps
Erbium	164-2	3917	3817	3974	3903	2.03	cps
Gadolinium	160-1	9896	9946	10062	9968	0.86	cps
Gadolinium	160-2	5044	4781	4864	4897	2.75	cps
Holmium	165-1	9793465	9715380	9730863	9746569	0.42	cps
Holmium	165-2	3896420	4127980	4138195	4054198	3.37	cps
Indium	115-1	8369886	8743916	8513525	8542442	2.21	cps
Indium	115-2	1051009	1129119	1097026	1092384	3.59	cps
Iron	54-2	2962594	2824832	2886462	2891296	2.39	cps
Iron	56-2	51897414	49798319	50302341	50666025	2.16	cps
Iron	57-2	1301649	1229084	1241414	1257382	3.09	cps

LB Number : LB117862 Operator : Jaswal
 Lab Sample ID : M5043-16 Instrumnet Name : P8
 Client Sample ID : MH1G77 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-16 20:32:02 DataFile Name : 151AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1190	1280	1183	1218	4.43	cps
Lead	206-1	139512645	133825347	136661342	136666445	2.08	cps
Lead	207-1	116908003	114435422	118050405	116464610	1.59	cps
Lead	208-1	536741754	533326931	538036959	536035215	0.45	cps
Lithium	6-1	2940700	2924028	3074270	2979666	2.76	cps
Magnesium	24-2	1496558	1483241	1494133	1491310	0.48	cps
Manganese	55-2	5104626	4867503	5010197	4994109	2.39	cps
Molybdenum	94-1	30225	32681	31512	31473	3.90	cps
Molybdenum	95-1	30200	29916	31277	30465	2.36	cps
Molybdenum	96-1	35613	37234	36281	36376	2.24	cps
Molybdenum	97-1	18721	18738	19072	18844	1.05	cps
Molybdenum	98-1	46479	48627	48996	48034	2.83	cps
Neodymium	150-1	17111	17091	17031	17078	0.24	cps
Neodymium	150-2	5264	4878	5024	5055	3.86	cps
Nickel	60-2	10127	9717	9967	9937	2.08	cps
Phosphorus	31-2	5910	6101	5901	5971	1.90	cps
Potassium	39-2	56896	55131	55466	55831	1.68	cps
Rhodium	103-1	8147913	7982284	8134478	8088225	1.14	cps
Rhodium	103-2	3288129	3574423	3414465	3425672	4.19	cps
Scandium	45-1	6555164	6580399	6583220	6572928	0.24	cps
Scandium	45-2	179304	186100	183970	183125	1.90	cps
Selenium	82-1	1376	1362	1463	1400	3.91	cps
Selenium	77-2	47	67	17	43	58.07	cps
Selenium	78-2	199	157	158	171	13.99	cps
Silicon	28-1	16848121	16874514	16163490	16628708	2.42	cps
Silver	107-1	1415696	1444425	1434115	1431412	1.02	cps
Silver	109-1	1385744	1360046	1377760	1374517	0.96	cps
Sodium	23-2	381202	376231	375881	377771	0.79	cps
Strontium	86-1	154769	157838	156446	156351	0.98	cps
Strontium	88-1	1305167	1338581	1334958	1326236	1.38	cps
Sulfur	34-1	1091301	1108017	1075808	1091708	1.48	cps
Terbium	159-1	10238624	10275179	9900037	10137947	2.04	cps
Terbium	159-2	3878878	3970121	4019209	3956069	1.80	cps
Thallium	203-1	9779	9495	10088	9787	3.03	cps
Thallium	205-1	24399	23614	23872	23962	1.67	cps
Tin	118-1	29975	31512	31805	31097	3.16	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-16	Instrumnet Name :	P8
Client Sample ID :	MH1G77	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 20:32:02	DataFile Name :	151AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	145657	148860	151601	148706	2.00	cps
Uranium	238-1	56060	55975	57665	56566	1.68	cps
Vanadium	51-2	32714	31859	33406	32660	2.37	cps
Ytterbium	172-1	2609	2667	2759	2678	2.82	cps
Ytterbium	172-2	1661	1528	1556	1582	4.45	cps
Ytterbium	176-1	2584	2609	2567	2586	0.81	cps
Ytterbium	176-2	5779	5990	6502	6090	6.10	cps
Yttrium	89-1	16678064	16638410	16506834	16607769	0.54	cps
Yttrium	89-2	1432087	1555691	1494664	1494147	4.14	cps
Zinc	66-2	32688118	29652237	31369272	31236542	4.87	cps
Zirconium	90-1	38730	38403	39273	38802	1.13	cps
Zirconium	91-1	8953	9679	9771	9468	4.73	cps

LB Number : LB117862 Operator : Jaswal
 Lab Sample ID : M5043-17 Instrumnet Name : P8
 Client Sample ID : MH1G78 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-16 20:34:58 DataFile Name : 152AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	466320	469832	465213	467122	0.52	cps
Antimony	121-1	1824770	1893184	1801646	1839866	2.59	cps
Arsenic	75-2	127905	126866	126084	126952	0.72	cps
Barium	135-1	221364	225143	217347	221285	1.76	cps
Barium	137-1	510750	523525	523593	519289	1.42	cps
Beryllium	9-1	1388	1406	1418	1404	1.08	cps
Bismuth	209-1	5701613	5758448	5908355	5789472	1.84	cps
Bismuth	209-2	3011447	2969994	2975808	2985750	0.75	cps
Boron	10-1	2398	2450	2474	2440	1.59	cps
Boron	11-1	11460	11818	12199	11826	3.12	cps
Bromine	81-1	28228	28730	27847	28268	1.57	cps
Cadmium	111-1	207585	205185	205972	206247	0.59	cps
Cadmium	106-1	24873	23471	23204	23849	3.76	cps
Cadmium	108-1	14116	14679	15075	14623	3.30	cps
Calcium	43-1	1056494	1070629	1066949	1064691	0.69	cps
Calcium	44-1	16733217	16686327	17468398	16962647	2.59	cps
Carbon	12-1	9913197	10075467	10499939	10162868	2.98	cps
Carbon	12-2	113480	113094	110703	112426	1.34	cps
Chlorine	35-1	43876642	48449508	51699822	48008657	8.19	cps
Chlorine	35-2	340767	352915	354546	349410	2.15	cps
Chromium	52-2	48780	48295	47930	48335	0.88	cps
Cobalt	59-2	160620	160396	159507	160174	0.37	cps
Copper	63-2	1942607	1965225	2043489	1983773	2.67	cps
Dysprosium	156-1	24907	24607	24882	24799	0.67	cps
Dysprosium	156-2	10034	9750	10181	9988	2.19	cps
Erbium	164-1	18547	19006	20700	19418	5.84	cps
Erbium	164-2	7679	7616	7809	7701	1.28	cps
Gadolinium	160-1	21643	22428	21551	21874	2.20	cps
Gadolinium	160-2	10638	10778	10344	10587	2.09	cps
Holmium	165-1	9893870	9842465	10074875	9937070	1.23	cps
Holmium	165-2	4108474	4307154	4316593	4244074	2.77	cps
Indium	115-1	8734474	8570729	8660869	8655357	0.95	cps
Indium	115-2	1177507	1156523	1154090	1162707	1.11	cps
Iron	54-2	13095240	13201834	13193270	13163448	0.45	cps
Iron	56-2	241037589	243476933	240841489	241785337	0.61	cps
Iron	57-2	6097039	5920688	6068219	6028649	1.57	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-17	Instrumnet Name :	P8
Client Sample ID :	MH1G78	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 20:34:58	DataFile Name :	152AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1140	1283	1250	1225	6.13	cps
Lead	206-1	56427526	56715762	56509614	56550967	0.26	cps
Lead	207-1	48010626	49284727	48757765	48684373	1.32	cps
Lead	208-1	224034852	224972593	226137090	225048178	0.47	cps
Lithium	6-1	3031054	2930799	2831368	2931074	3.41	cps
Magnesium	24-2	1913249	1817884	1836648	1855927	2.72	cps
Manganese	55-2	3941459	4055004	4017419	4004627	1.44	cps
Molybdenum	94-1	30943	31219	31462	31208	0.83	cps
Molybdenum	95-1	39858	40643	42892	41131	3.83	cps
Molybdenum	96-1	50903	52300	53688	52297	2.66	cps
Molybdenum	97-1	25390	25449	25173	25338	0.57	cps
Molybdenum	98-1	65908	65321	65639	65623	0.45	cps
Neodymium	150-1	44013	43029	42936	43326	1.38	cps
Neodymium	150-2	13357	13330	13444	13377	0.44	cps
Nickel	60-2	29417	29347	29170	29311	0.43	cps
Phosphorus	31-2	10596	11013	11096	10902	2.46	cps
Potassium	39-2	171111	172968	171820	171966	0.54	cps
Rhodium	103-1	8323641	8387174	8243402	8318072	0.87	cps
Rhodium	103-2	3647165	3690711	3582719	3640198	1.49	cps
Scandium	45-1	6657435	6697476	6667203	6674038	0.31	cps
Scandium	45-2	191602	195234	193418	193418	0.94	cps
Selenium	82-1	5165	5111	5243	5173	1.28	cps
Selenium	77-2	203	167	250	207	20.21	cps
Selenium	78-2	502	517	528	516	2.53	cps
Silicon	28-1	11375310	11691167	11776408	11614295	1.82	cps
Silver	107-1	447398	458073	446665	450712	1.42	cps
Silver	109-1	437897	441875	451667	443813	1.60	cps
Sodium	23-2	318521	322287	327563	322791	1.41	cps
Strontium	86-1	294569	295374	300538	296827	1.09	cps
Strontium	88-1	2521015	2562349	2596139	2559834	1.47	cps
Sulfur	34-1	4185214	4190388	4242122	4205908	0.75	cps
Terbium	159-1	10145877	10579442	10020980	10248766	2.86	cps
Terbium	159-2	4248722	4231988	4245364	4242024	0.21	cps
Thallium	203-1	21385	20450	19907	20581	3.63	cps
Thallium	205-1	46267	47045	47956	47089	1.80	cps
Tin	118-1	27295	28096	28555	27982	2.28	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-17	Instrumnet Name :	P8
Client Sample ID :	MH1G78	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 20:34:58	DataFile Name :	152AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	177805	180385	179205	179132	0.72	cps
Uranium	238-1	57824	57423	59131	58126	1.54	cps
Vanadium	51-2	67231	67780	66547	67186	0.92	cps
Ytterbium	172-1	5910	5251	5551	5571	5.92	cps
Ytterbium	172-2	2634	2773	2611	2673	3.27	cps
Ytterbium	176-1	4209	4117	4468	4265	4.26	cps
Ytterbium	176-2	7230	7458	7235	7308	1.78	cps
Yttrium	89-1	16679511	16993929	17064733	16912724	1.21	cps
Yttrium	89-2	1603653	1588795	1573140	1588530	0.96	cps
Zinc	66-2	6572973	6417632	6628634	6539747	1.67	cps
Zirconium	90-1	19105	20841	19890	19945	4.36	cps
Zirconium	91-1	4826	4876	4993	4898	1.75	cps

LB Number : LB117862 Operator : Jaswal
 Lab Sample ID : M5043-18 Instrumnet Name : P8
 Client Sample ID : MH1G77D Dilution Factor : 1
 Date & Time Acquired :: 2021-12-16 20:37:51 DataFile Name : 153AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	214147	215814	211930	213964	0.91	cps
Antimony	121-1	6112395	6286582	6310384	6236454	1.73	cps
Arsenic	75-2	188483	189304	185740	187842	0.99	cps
Barium	135-1	173564	177104	178511	176393	1.45	cps
Barium	137-1	409070	416007	420021	415032	1.33	cps
Beryllium	9-1	656	672	654	661	1.49	cps
Bismuth	209-1	5481384	5590443	5557745	5543190	1.01	cps
Bismuth	209-2	3009712	2701741	2959152	2890202	5.71	cps
Boron	10-1	3802	3990	4054	3948	3.32	cps
Boron	11-1	18194	19129	19477	18933	3.51	cps
Bromine	81-1	22140	23816	24176	23377	4.65	cps
Cadmium	111-1	750150	755496	775652	760433	1.77	cps
Cadmium	106-1	75877	77251	78457	77195	1.67	cps
Cadmium	108-1	53127	54620	54365	54038	1.48	cps
Calcium	43-1	776185	796140	812253	794859	2.27	cps
Calcium	44-1	12782925	12779315	13353997	12972079	2.55	cps
Carbon	12-1	4681912	4549551	4683270	4638244	1.66	cps
Carbon	12-2	51250	52520	51098	51623	1.51	cps
Chlorine	35-1	45125067	50632147	54971535	50242916	9.82	cps
Chlorine	35-2	384455	382998	394013	387155	1.55	cps
Chromium	52-2	27891	28452	28385	28243	1.09	cps
Cobalt	59-2	26284	26124	25957	26122	0.63	cps
Copper	63-2	6160822	6159414	5993982	6104739	1.57	cps
Dysprosium	156-1	9103	8895	9378	9126	2.66	cps
Dysprosium	156-2	3927	3967	3551	3815	6.03	cps
Erbium	164-1	8319	8862	9070	8750	4.43	cps
Erbium	164-2	3410	3594	3354	3453	3.63	cps
Gadolinium	160-1	8720	8403	8870	8664	2.75	cps
Gadolinium	160-2	4314	4511	4157	4327	4.09	cps
Holmium	165-1	9707783	9975664	9871496	9851647	1.37	cps
Holmium	165-2	4403428	3819467	4201589	4141495	7.16	cps
Indium	115-1	8411976	8526300	8620202	8519493	1.22	cps
Indium	115-2	1164313	1028794	1136305	1109804	6.45	cps
Iron	54-2	2621119	2599909	2547436	2589488	1.46	cps
Iron	56-2	48273814	47117890	45996825	47129509	2.42	cps
Iron	57-2	1175417	1148688	1148310	1157472	1.34	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-18	Instrumnet Name :	P8
Client Sample ID :	MH1G77D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 20:37:51	DataFile Name :	153AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1280	1247	1203	1243	3.09	cps
Lead	206-1	128445467	123339453	125235850	125673590	2.05	cps
Lead	207-1	107979477	106910425	107885600	107591834	0.55	cps
Lead	208-1	501458328	498250617	504286161	501331702	0.60	cps
Lithium	6-1	2901711	2905592	2918957	2908753	0.31	cps
Magnesium	24-2	1423151	1415060	1407736	1415315	0.54	cps
Manganese	55-2	4647711	4763753	4597123	4669529	1.83	cps
Molybdenum	94-1	27211	26860	27999	27357	2.13	cps
Molybdenum	95-1	25415	27027	26176	26206	3.08	cps
Molybdenum	96-1	31203	31829	31612	31548	1.01	cps
Molybdenum	97-1	16151	15701	16060	15971	1.49	cps
Molybdenum	98-1	41337	41145	41070	41184	0.33	cps
Neodymium	150-1	14975	15583	15756	15438	2.66	cps
Neodymium	150-2	4511	4584	4421	4505	1.82	cps
Nickel	60-2	9357	9420	8966	9248	2.66	cps
Phosphorus	31-2	5234	5259	5076	5190	1.92	cps
Potassium	39-2	52338	51727	51852	51972	0.62	cps
Rhodium	103-1	7827918	8228392	8204019	8086776	2.78	cps
Rhodium	103-2	3718978	3293748	3437638	3483455	6.21	cps
Scandium	45-1	6564511	6443448	6635204	6547721	1.48	cps
Scandium	45-2	198717	172010	189095	186607	7.25	cps
Selenium	82-1	1201	1286	1289	1259	3.95	cps
Selenium	77-2	63	77	63	68	11.36	cps
Selenium	78-2	168	157	171	165	4.46	cps
Silicon	28-1	15247993	14577533	15695176	15173567	3.71	cps
Silver	107-1	1260217	1274510	1297629	1277452	1.48	cps
Silver	109-1	1203885	1238054	1265743	1235894	2.51	cps
Sodium	23-2	355637	354294	349222	353051	0.96	cps
Strontium	86-1	131911	131827	133189	132309	0.58	cps
Strontium	88-1	1126470	1123766	1153667	1134634	1.46	cps
Sulfur	34-1	1041061	1013151	1054265	1036159	2.03	cps
Terbium	159-1	9920073	10392206	10146131	10152803	2.33	cps
Terbium	159-2	4315055	3669603	4131876	4038845	8.24	cps
Thallium	203-1	9120	9362	9145	9209	1.44	cps
Thallium	205-1	22503	22604	22312	22473	0.66	cps
Tin	118-1	27762	27562	28656	27993	2.08	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-18	Instrumnet Name :	P8
Client Sample ID :	MH1G77D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 20:37:51	DataFile Name :	153AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	131005	130645	133202	131617	1.05	cps
Uranium	238-1	53397	51071	52166	52212	2.23	cps
Vanadium	51-2	29330	28896	28983	29070	0.79	cps
Ytterbium	172-1	2334	2650	2600	2528	6.74	cps
Ytterbium	172-2	1250	1178	1128	1185	5.18	cps
Ytterbium	176-1	2575	2459	2684	2573	4.38	cps
Ytterbium	176-2	5896	5824	6224	5981	3.57	cps
Yttrium	89-1	16372478	16020381	16771812	16388224	2.29	cps
Yttrium	89-2	1625213	1416172	1554651	1532012	6.94	cps
Zinc	66-2	28858490	28411302	27207448	28159080	3.03	cps
Zirconium	90-1	31394	32121	32263	31926	1.46	cps
Zirconium	91-1	7527	7260	8019	7602	5.06	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-16LX5	Instrumnet Name :	P8
Client Sample ID :	MH1G77L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 20:40:48	DataFile Name :	154AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	44999	44876	45005	44960	0.16	cps
Antimony	121-1	1274507	1262883	1279868	1272419	0.68	cps
Arsenic	75-2	38195	38762	38357	38438	0.76	cps
Barium	135-1	36458	37127	36692	36759	0.92	cps
Barium	137-1	86296	86672	86184	86384	0.30	cps
Beryllium	9-1	230	254	260	248	6.40	cps
Bismuth	209-1	5412587	5456816	5368377	5412593	0.82	cps
Bismuth	209-2	2811691	2815318	3029404	2885471	4.32	cps
Boron	10-1	1690	1692	1628	1670	2.18	cps
Boron	11-1	8089	8097	8133	8106	0.29	cps
Bromine	81-1	19474	21178	20787	20480	4.36	cps
Cadmium	111-1	159124	159863	157123	158704	0.89	cps
Cadmium	106-1	19197	19239	18363	18933	2.61	cps
Cadmium	108-1	11205	11442	11271	11306	1.08	cps
Calcium	43-1	165629	165570	164268	165156	0.47	cps
Calcium	44-1	2754234	2646056	2652148	2684146	2.26	cps
Carbon	12-1	3956570	3943027	3945361	3948319	0.18	cps
Carbon	12-2	41827	42613	41434	41958	1.43	cps
Chlorine	35-1	20028238	19938924	19508720	19825294	1.40	cps
Chlorine	35-2	125819	124474	122275	124190	1.44	cps
Chromium	52-2	6241	6402	6795	6479	4.40	cps
Cobalt	59-2	5201	5181	5091	5158	1.14	cps
Copper	63-2	1244551	1258205	1259277	1254011	0.65	cps
Dysprosium	156-1	1775	1892	2017	1895	6.38	cps
Dysprosium	156-2	913	800	887	867	6.84	cps
Erbium	164-1	1650	1742	1867	1753	6.21	cps
Erbium	164-2	830	717	790	779	7.38	cps
Gadolinium	160-1	1992	1900	1750	1881	6.49	cps
Gadolinium	160-2	930	1037	1110	1026	8.83	cps
Holmium	165-1	9375238	9485701	9392820	9417920	0.63	cps
Holmium	165-2	3978988	4078088	4194995	4084023	2.65	cps
Indium	115-1	8146307	8330572	8050839	8175906	1.74	cps
Indium	115-2	1100763	1118778	1154712	1124751	2.44	cps
Iron	54-2	518143	527348	522303	522598	0.88	cps
Iron	56-2	9802459	9540012	9794252	9712241	1.54	cps
Iron	57-2	236974	233914	238152	236347	0.93	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-16LX5	Instrumnet Name :	P8
Client Sample ID :	MH1G77L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 20:40:48	DataFile Name :	154AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1097	1137	1140	1125	2.14	cps
Lead	206-1	24176914	25313006	24496627	24662182	2.38	cps
Lead	207-1	21359367	21411809	21358346	21376507	0.14	cps
Lead	208-1	98547377	98199833	97979774	98242328	0.29	cps
Lithium	6-1	2903703	2928431	2843753	2891962	1.51	cps
Magnesium	24-2	282072	280422	283802	282099	0.60	cps
Manganese	55-2	935009	935271	930683	933654	0.28	cps
Molybdenum	94-1	6352	5993	6452	6265	3.85	cps
Molybdenum	95-1	5643	5760	5451	5618	2.77	cps
Molybdenum	96-1	7010	6527	6693	6743	3.64	cps
Molybdenum	97-1	3434	3609	3726	3589	4.09	cps
Molybdenum	98-1	8903	8886	8786	8859	0.71	cps
Neodymium	150-1	3387	3160	2907	3152	7.62	cps
Neodymium	150-2	987	940	913	947	3.92	cps
Nickel	60-2	1860	1857	1870	1862	0.37	cps
Phosphorus	31-2	1175	1375	1167	1239	9.52	cps
Potassium	39-2	24772	24354	24847	24658	1.08	cps
Rhodium	103-1	7926282	7866342	7657222	7816616	1.81	cps
Rhodium	103-2	3509627	3494785	3597737	3534050	1.57	cps
Scandium	45-1	6267649	6329191	6140803	6245881	1.54	cps
Scandium	45-2	182707	183178	187928	184604	1.56	cps
Selenium	82-1	379	321	309	336	11.09	cps
Selenium	77-2	17	0	10	9	94.38	cps
Selenium	78-2	69	69	70	69	0.83	cps
Silicon	28-1	3569039	3419968	3548797	3512601	2.30	cps
Silver	107-1	261888	263452	260983	262108	0.48	cps
Silver	109-1	253394	254583	258145	255374	0.97	cps
Sodium	23-2	89610	91102	89173	89962	1.12	cps
Strontium	86-1	29657	30133	29590	29794	0.99	cps
Strontium	88-1	242766	241219	239999	241328	0.57	cps
Sulfur	34-1	537702	542467	533026	537732	0.88	cps
Terbium	159-1	9919982	9425564	9663426	9669658	2.56	cps
Terbium	159-2	4104978	4066127	4035688	4068931	0.85	cps
Thallium	203-1	2734	2359	2459	2517	7.72	cps
Thallium	205-1	6135	6002	5952	6029	1.57	cps
Tin	118-1	9545	9353	9462	9454	1.02	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-16LX5	Instrumnet Name :	P8
Client Sample ID :	MH1G77L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 20:40:48	DataFile Name :	154AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	28496	28746	29172	28805	1.19	cps
Uranium	238-1	10363	10246	9721	10110	3.38	cps
Vanadium	51-2	5981	6005	6171	6052	1.71	cps
Ytterbium	172-1	467	658	592	572	17.00	cps
Ytterbium	172-2	244	206	350	267	28.03	cps
Ytterbium	176-1	1358	1100	1200	1220	10.68	cps
Ytterbium	176-2	5357	5574	5763	5564	3.65	cps
Yttrium	89-1	15718709	15370658	15174905	15421424	1.79	cps
Yttrium	89-2	1527191	1514103	1516934	1519409	0.45	cps
Zinc	66-2	6105932	5919181	5967977	5997697	1.61	cps
Zirconium	90-1	9181	7577	7919	8226	10.27	cps
Zirconium	91-1	1934	1775	1884	1864	4.34	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-19	Instrumnet Name :	P8
Client Sample ID :	MH1G77S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 20:43:45	DataFile Name :	155AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	202326	201196	200660	201394	0.42	cps
Antimony	121-1	5601469	5597707	5655775	5618317	0.58	cps
Arsenic	75-2	142456	144590	141793	142946	1.02	cps
Barium	135-1	633304	662807	663050	653053	2.62	cps
Barium	137-1	1513844	1546138	1562005	1540662	1.59	cps
Beryllium	9-1	13798	13548	13441	13596	1.35	cps
Bismuth	209-1	5705033	5641454	5394352	5580279	2.94	cps
Bismuth	209-2	3076061	2847783	2821027	2914957	4.81	cps
Boron	10-1	2652	3030	2860	2847	6.65	cps
Boron	11-1	13139	13854	13858	13617	3.04	cps
Bromine	81-1	21599	22150	21068	21606	2.51	cps
Cadmium	111-1	624223	648716	639623	637521	1.94	cps
Cadmium	106-1	66889	68555	66571	67338	1.58	cps
Cadmium	108-1	46587	45768	45880	46078	0.96	cps
Calcium	43-1	611300	629659	624405	621788	1.52	cps
Calcium	44-1	9858927	10020497	10148616	10009347	1.45	cps
Carbon	12-1	4856205	4671020	4597014	4708080	2.84	cps
Carbon	12-2	50848	52102	52403	51784	1.59	cps
Chlorine	35-1	36935699	42710915	46914749	42187121	11.88	cps
Chlorine	35-2	338044	348951	355836	347611	2.58	cps
Chromium	52-2	90840	90649	89056	90182	1.09	cps
Cobalt	59-2	306208	309173	301851	305744	1.20	cps
Copper	63-2	5019542	5080078	4998066	5032562	0.85	cps
Dysprosium	156-1	8328	8303	9320	8650	6.71	cps
Dysprosium	156-2	3851	3891	3601	3781	4.16	cps
Erbium	164-1	8678	7886	7719	8094	6.33	cps
Erbium	164-2	3414	3427	3324	3388	1.66	cps
Gadolinium	160-1	8820	8803	8595	8739	1.44	cps
Gadolinium	160-2	4331	4494	3977	4267	6.19	cps
Holmium	165-1	9970183	9525042	9737664	9744296	2.28	cps
Holmium	165-2	4259572	4007508	4130880	4132653	3.05	cps
Indium	115-1	8455689	8437194	8395147	8429343	0.37	cps
Indium	115-2	1158269	1085405	1129002	1124225	3.26	cps
Iron	54-2	1976092	1970771	1970881	1972581	0.15	cps
Iron	56-2	34978720	35111390	34036303	34708804	1.69	cps
Iron	57-2	863698	871619	833521	856279	2.35	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-19	Instrumnet Name :	P8
Client Sample ID :	MH1G77S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 20:43:45	DataFile Name :	155AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1503	1223	1253	1327	11.59	cps
Lead	206-1	99399430	102767008	100323830	100830089	1.73	cps
Lead	207-1	85457846	89114658	85573474	86715326	2.40	cps
Lead	208-1	394617142	407806876	398533853	400319290	1.69	cps
Lithium	6-1	3107312	3090577	2938363	3045418	3.06	cps
Magnesium	24-2	1288093	1266635	1241670	1265466	1.84	cps
Manganese	55-2	4145152	4277593	4213892	4212212	1.57	cps
Molybdenum	94-1	20541	19447	19014	19667	4.00	cps
Molybdenum	95-1	17637	18137	17745	17840	1.48	cps
Molybdenum	96-1	22035	22252	21751	22012	1.14	cps
Molybdenum	97-1	10713	11096	11397	11069	3.10	cps
Molybdenum	98-1	26960	28271	28338	27856	2.79	cps
Neodymium	150-1	14001	14361	14208	14190	1.27	cps
Neodymium	150-2	4297	4521	4451	4423	2.58	cps
Nickel	60-2	87454	86495	85867	86605	0.92	cps
Phosphorus	31-2	4959	5134	4793	4962	3.44	cps
Potassium	39-2	53793	54194	54604	54197	0.75	cps
Rhodium	103-1	8229983	8043576	7636204	7969921	3.81	cps
Rhodium	103-2	3579726	3300889	3530561	3470392	4.29	cps
Scandium	45-1	6429329	6295985	6551389	6425568	1.99	cps
Scandium	45-2	191842	179119	187506	186156	3.47	cps
Selenium	82-1	2890	3233	3118	3080	5.66	cps
Selenium	77-2	100	123	103	109	11.59	cps
Selenium	78-2	346	327	325	333	3.48	cps
Silicon	28-1	11059922	11055298	10753811	10956344	1.60	cps
Silver	107-1	1258283	1283303	1297479	1279688	1.55	cps
Silver	109-1	1239919	1212662	1239122	1230567	1.26	cps
Sodium	23-2	283687	290372	294830	289630	1.94	cps
Strontium	86-1	114194	112720	111048	112654	1.40	cps
Strontium	88-1	933402	953492	936066	940987	1.16	cps
Sulfur	34-1	984529	995633	981389	987184	0.76	cps
Terbium	159-1	10165985	9728884	9998496	9964455	2.21	cps
Terbium	159-2	4263795	3984720	4124650	4124388	3.38	cps
Thallium	203-1	52323	51068	52147	51846	1.31	cps
Thallium	205-1	122006	124665	125001	123890	1.32	cps
Tin	118-1	24990	25808	26217	25672	2.43	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-19	Instrumnet Name :	P8
Client Sample ID :	MH1G77S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 20:43:45	DataFile Name :	155AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	121086	127113	122657	123618	2.53	cps
Uranium	238-1	46227	46896	46654	46592	0.73	cps
Vanadium	51-2	154663	158988	152976	155542	1.99	cps
Ytterbium	172-1	2359	2584	2500	2481	4.59	cps
Ytterbium	172-2	1272	1139	1161	1191	6.00	cps
Ytterbium	176-1	2392	2625	2475	2498	4.74	cps
Ytterbium	176-2	6307	6229	6213	6250	0.81	cps
Yttrium	89-1	16708030	16177762	15929511	16271768	2.44	cps
Yttrium	89-2	1614077	1469729	1574957	1552921	4.81	cps
Zinc	66-2	22241498	22783381	22193858	22406246	1.46	cps
Zirconium	90-1	28038	28397	28037	28157	0.74	cps
Zirconium	91-1	6485	6877	6302	6555	4.48	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5000-01A	Instrumnet Name :	P8
Client Sample ID :	A0BA4A	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 20:46:43	DataFile Name :	156AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	497708	491514	487052	492092	1.09	cps
Antimony	121-1	23563	24030	23763	23785	0.99	cps
Arsenic	75-2	508	497	557	521	6.14	cps
Barium	135-1	123269	121929	125278	123492	1.36	cps
Barium	137-1	279874	280910	285308	282031	1.02	cps
Beryllium	9-1	1424	1452	1428	1434	1.06	cps
Bismuth	209-1	5280309	5419232	5728232	5475924	4.19	cps
Bismuth	209-2	3005494	2923120	2966524	2965046	1.39	cps
Boron	10-1	1044	1006	1106	1052	4.80	cps
Boron	11-1	4810	4920	4940	4890	1.43	cps
Bromine	81-1	22782	20997	21970	21917	4.08	cps
Cadmium	111-1	1190	1169	1244	1201	3.20	cps
Cadmium	106-1	3626	4101	3667	3798	6.93	cps
Cadmium	108-1	96	108	154	119	25.71	cps
Calcium	43-1	259111	265249	263856	262739	1.22	cps
Calcium	44-1	4303794	4271387	4335524	4303569	0.75	cps
Carbon	12-1	4954150	4888205	5012375	4951577	1.25	cps
Carbon	12-2	55020	55498	54695	55071	0.73	cps
Chlorine	35-1	38239188	43665998	46833504	42912897	10.13	cps
Chlorine	35-2	324071	329988	327274	327111	0.91	cps
Chromium	52-2	21323	21380	21062	21255	0.80	cps
Cobalt	59-2	17721	18068	17241	17677	2.35	cps
Copper	63-2	29167	29210	28836	29071	0.70	cps
Dysprosium	156-1	38264	37654	37696	37871	0.90	cps
Dysprosium	156-2	15579	16157	15956	15897	1.84	cps
Erbium	164-1	30410	31388	31329	31042	1.77	cps
Erbium	164-2	13013	13023	12946	12994	0.32	cps
Gadolinium	160-1	33384	33702	36050	34378	4.24	cps
Gadolinium	160-2	17098	17185	16821	17034	1.12	cps
Holmium	165-1	8849661	9129696	9429737	9136365	3.18	cps
Holmium	165-2	4268955	4187274	4265353	4240527	1.09	cps
Indium	115-1	7976164	8081509	8288091	8115254	1.96	cps
Indium	115-2	1142598	1145417	1143662	1143892	0.12	cps
Iron	54-2	1247799	1239501	1246200	1244500	0.35	cps
Iron	56-2	22844955	23186291	22944089	22991779	0.76	cps
Iron	57-2	576981	552423	557908	562437	2.29	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5000-01A	Instrumnet Name :	P8
Client Sample ID :	A0BA4A	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 20:46:43	DataFile Name :	156AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1237	1200	1107	1181	5.68	cps
Lead	206-1	212954	203489	206040	207494	2.36	cps
Lead	207-1	173360	168944	172464	171589	1.36	cps
Lead	208-1	818943	798095	796193	804410	1.57	cps
Lithium	6-1	2828603	2896129	2897110	2873947	1.37	cps
Magnesium	24-2	393654	393544	390884	392694	0.40	cps
Manganese	55-2	909161	916671	893948	906593	1.28	cps
Molybdenum	94-1	4693	4601	5176	4823	6.41	cps
Molybdenum	95-1	2592	2800	2950	2781	6.47	cps
Molybdenum	96-1	3892	4443	4234	4190	6.63	cps
Molybdenum	97-1	1792	1692	1550	1678	7.24	cps
Molybdenum	98-1	4351	4059	4292	4234	3.65	cps
Neodymium	150-1	72334	70800	73514	72216	1.88	cps
Neodymium	150-2	22783	22205	22259	22416	1.42	cps
Nickel	60-2	6208	6148	5865	6074	3.02	cps
Phosphorus	31-2	1175	1425	1200	1267	10.87	cps
Potassium	39-2	146123	144630	142562	144438	1.24	cps
Rhodium	103-1	7576162	7713738	7859240	7716380	1.83	cps
Rhodium	103-2	3635210	3611459	3570135	3605601	0.91	cps
Scandium	45-1	6101464	6253165	6381008	6245212	2.24	cps
Scandium	45-2	192097	191627	190428	191384	0.45	cps
Selenium	82-1	18	77	161	85	84.45	cps
Selenium	77-2	130	120	90	113	18.37	cps
Selenium	78-2	91	103	107	100	8.30	cps
Silicon	28-1	15905232	15392311	15198583	15498709	2.36	cps
Silver	107-1	15309	15159	14274	14914	3.75	cps
Silver	109-1	14892	13640	14742	14425	4.74	cps
Sodium	23-2	62385	62384	62986	62585	0.56	cps
Strontium	86-1	49538	49714	49949	49734	0.41	cps
Strontium	88-1	409281	414830	410023	411378	0.73	cps
Sulfur	34-1	357144	357705	350521	355123	1.13	cps
Terbium	159-1	9419871	9620398	10226494	9755587	4.30	cps
Terbium	159-2	4131639	4076747	3944226	4050871	2.38	cps
Thallium	203-1	1258	1192	1233	1228	2.74	cps
Thallium	205-1	2942	3009	3151	3034	3.51	cps
Tin	118-1	11997	11972	11922	11964	0.32	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5000-01A	Instrumnet Name :	P8
Client Sample ID :	A0BA4A	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 20:46:43	DataFile Name :	156AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	545096	558249	546201	549849	1.33	cps
Uranium	238-1	34130	33595	35217	34314	2.41	cps
Vanadium	51-2	27149	27062	26568	26927	1.16	cps
Ytterbium	172-1	9003	8536	9187	8909	3.76	cps
Ytterbium	172-2	4551	4773	4417	4581	3.92	cps
Ytterbium	176-1	6285	6243	6277	6268	0.35	cps
Ytterbium	176-2	8319	8497	8720	8512	2.36	cps
Yttrium	89-1	15483846	16133322	16321213	15979460	2.75	cps
Yttrium	89-2	1641033	1566551	1577877	1595153	2.52	cps
Zinc	66-2	29645	27083	27243	27990	5.13	cps
Zirconium	90-1	8453	8836	9262	8850	4.57	cps
Zirconium	91-1	1892	1875	1859	1875	0.89	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-04DLX10	Instrumnet Name :	P8
Client Sample ID :	MH1G65	Dilution Factor :	10
Date & Time Acquired ::	2021-12-16 20:50:52	DataFile Name :	157AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23564	23360	23303	23409	0.59	cps
Antimony	121-1	118749	118042	116680	117823	0.89	cps
Arsenic	75-2	7782	7796	7666	7748	0.92	cps
Barium	135-1	13057	13207	13107	13123	0.58	cps
Barium	137-1	29877	29684	31143	30235	2.62	cps
Beryllium	9-1	166	158	186	170	8.48	cps
Bismuth	209-1	5386886	5443037	5578853	5469592	1.80	cps
Bismuth	209-2	2907449	2958896	2898579	2921642	1.11	cps
Boron	10-1	668	652	674	665	1.71	cps
Boron	11-1	3316	3136	3316	3256	3.19	cps
Bromine	81-1	20306	21710	19494	20503	5.47	cps
Cadmium	111-1	36306	36395	36817	36506	0.75	cps
Cadmium	106-1	6418	6944	7135	6832	5.43	cps
Cadmium	108-1	2617	2642	2600	2620	0.80	cps
Calcium	43-1	64661	64642	64794	64699	0.13	cps
Calcium	44-1	1057357	1073118	1060139	1063538	0.79	cps
Carbon	12-1	3905828	4055450	3972172	3977817	1.88	cps
Carbon	12-2	40741	42387	44401	42510	4.31	cps
Chlorine	35-1	10461665	10215939	10056846	10244816	1.99	cps
Chlorine	35-2	62360	61916	58510	60929	3.46	cps
Chromium	52-2	3387	3224	3120	3244	4.15	cps
Cobalt	59-2	8820	8956	9033	8936	1.21	cps
Copper	63-2	91053	92217	91637	91636	0.64	cps
Dysprosium	156-1	1217	1400	1183	1267	9.21	cps
Dysprosium	156-2	610	593	460	554	14.83	cps
Erbium	164-1	1017	925	1058	1000	6.82	cps
Erbium	164-2	380	380	387	382	1.01	cps
Gadolinium	160-1	1108	1067	1150	1108	3.76	cps
Gadolinium	160-2	580	553	623	586	6.03	cps
Holmium	165-1	9142720	9153211	9210549	9168826	0.40	cps
Holmium	165-2	4088524	4245699	4083777	4139334	2.23	cps
Indium	115-1	8052389	8133368	8205009	8130255	0.94	cps
Indium	115-2	1112148	1119100	1125054	1118767	0.58	cps
Iron	54-2	589716	577733	582594	583347	1.03	cps
Iron	56-2	10569781	10610835	10455166	10545261	0.77	cps
Iron	57-2	257609	255048	260871	257843	1.13	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-04DLX10	Instrumnet Name :	P8
Client Sample ID :	MH1G65	Dilution Factor :	10
Date & Time Acquired ::	2021-12-16 20:50:52	DataFile Name :	157AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1113	1103	1217	1145	5.48	cps
Lead	206-1	4899727	4997991	5131150	5009623	2.32	cps
Lead	207-1	4278342	4245647	4451619	4325202	2.56	cps
Lead	208-1	19532841	19494690	20191494	19739675	1.98	cps
Lithium	6-1	2818160	3156057	2827477	2933898	6.56	cps
Magnesium	24-2	135556	132975	128415	132315	2.73	cps
Manganese	55-2	336220	337480	327745	333815	1.59	cps
Molybdenum	94-1	2117	2400	2459	2325	7.86	cps
Molybdenum	95-1	2192	2275	2384	2284	4.21	cps
Molybdenum	96-1	3009	3117	3025	3050	1.91	cps
Molybdenum	97-1	1308	1492	1425	1408	6.59	cps
Molybdenum	98-1	3884	3676	3501	3687	5.21	cps
Neodymium	150-1	2207	2034	2367	2202	7.57	cps
Neodymium	150-2	680	720	700	700	2.86	cps
Nickel	60-2	1523	1593	1457	1525	4.48	cps
Phosphorus	31-2	642	700	858	733	15.29	cps
Potassium	39-2	21875	21375	21308	21519	1.44	cps
Rhodium	103-1	7780113	8054890	7759369	7864791	2.10	cps
Rhodium	103-2	3565672	3542708	3517696	3542025	0.68	cps
Scandium	45-1	6230275	5981776	6196213	6136088	2.20	cps
Scandium	45-2	185686	185152	187744	186194	0.73	cps
Selenium	82-1	273	208	69	183	56.67	cps
Selenium	77-2	30	10	7	16	81.11	cps
Selenium	78-2	78	75	59	71	14.45	cps
Silicon	28-1	1407498	1401606	1399020	1402708	0.31	cps
Silver	107-1	26476	26184	26426	26362	0.59	cps
Silver	109-1	24364	25758	25299	25140	2.83	cps
Sodium	23-2	30741	32412	30282	31145	3.60	cps
Strontium	86-1	16402	16460	16953	16605	1.82	cps
Strontium	88-1	126253	129306	125346	126969	1.63	cps
Sulfur	34-1	569310	561080	559994	563461	0.90	cps
Terbium	159-1	9507832	9861560	9887217	9752203	2.17	cps
Terbium	159-2	4104668	4080598	4039593	4074953	0.81	cps
Thallium	203-1	1575	1467	1417	1486	5.45	cps
Thallium	205-1	3917	3459	3751	3709	6.26	cps
Tin	118-1	7877	8044	8403	8108	3.31	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-04DLX10	Instrumnet Name :	P8
Client Sample ID :	MH1G65	Dilution Factor :	10
Date & Time Acquired ::	2021-12-16 20:50:52	DataFile Name :	157AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	10471	9979	10696	10382	3.53	cps
Uranium	238-1	2717	3042	2650	2803	7.48	cps
Vanadium	51-2	2967	2974	3164	3035	3.68	cps
Ytterbium	172-1	308	233	250	264	14.92	cps
Ytterbium	172-2	189	167	133	163	17.16	cps
Ytterbium	176-1	1183	1083	1108	1125	4.63	cps
Ytterbium	176-2	5435	5546	5485	5488	1.01	cps
Yttrium	89-1	15571212	15787771	15597676	15652219	0.75	cps
Yttrium	89-2	1517623	1488902	1519391	1508639	1.13	cps
Zinc	66-2	1096353	1090154	1078504	1088337	0.83	cps
Zirconium	90-1	2567	2550	2817	2645	5.65	cps
Zirconium	91-1	783	700	592	692	13.90	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-05DLX5	Instrumnet Name :	P8
Client Sample ID :	MH1G66	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 20:53:55	DataFile Name :	158AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	43895	43943	43748	43862	0.23	cps
Antimony	121-1	179545	180694	184899	181713	1.55	cps
Arsenic	75-2	10022	9731	9799	9851	1.54	cps
Barium	135-1	25057	25833	26201	25697	2.27	cps
Barium	137-1	59801	59355	60454	59870	0.92	cps
Beryllium	9-1	196	232	216	215	8.40	cps
Bismuth	209-1	5315938	5451129	5666373	5477814	3.23	cps
Bismuth	209-2	2987990	2987517	3031552	3002353	0.84	cps
Boron	10-1	678	600	692	657	7.55	cps
Boron	11-1	3196	3356	3346	3299	2.72	cps
Bromine	81-1	21599	20827	21118	21181	1.84	cps
Cadmium	111-1	28291	28026	27532	27950	1.38	cps
Cadmium	106-1	6452	6318	6018	6263	3.55	cps
Cadmium	108-1	2009	1942	2004	1985	1.88	cps
Calcium	43-1	130411	131075	132704	131397	0.90	cps
Calcium	44-1	2151220	2214582	2140065	2168622	1.85	cps
Carbon	12-1	4099603	3988489	4134215	4074102	1.87	cps
Carbon	12-2	42905	42396	43181	42827	0.93	cps
Chlorine	35-1	7859804	8302398	8656204	8272802	4.82	cps
Chlorine	35-2	60151	57958	60126	59412	2.12	cps
Chromium	52-2	5861	5531	5518	5637	3.45	cps
Cobalt	59-2	10527	10434	10607	10523	0.82	cps
Copper	63-2	228679	228838	226753	228090	0.51	cps
Dysprosium	156-1	2184	2050	2525	2253	10.88	cps
Dysprosium	156-2	990	1100	897	996	10.22	cps
Erbium	164-1	1992	2050	1984	2009	1.81	cps
Erbium	164-2	803	767	883	818	7.30	cps
Gadolinium	160-1	2250	2059	1909	2072	8.27	cps
Gadolinium	160-2	1200	1107	1080	1129	5.58	cps
Holmium	165-1	9525132	9555375	9364512	9481673	1.08	cps
Holmium	165-2	4182545	4254990	4132265	4189933	1.47	cps
Indium	115-1	8228919	8278647	8050550	8186039	1.47	cps
Indium	115-2	1149372	1153133	1154569	1152358	0.23	cps
Iron	54-2	719995	725574	723243	722937	0.39	cps
Iron	56-2	13856408	13521203	13565572	13647728	1.33	cps
Iron	57-2	332639	331561	333403	332535	0.28	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-05DLX5	Instrumnet Name :	P8
Client Sample ID :	MH1G66	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 20:53:55	DataFile Name :	158AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1167	1170	1137	1158	1.59	cps
Lead	206-1	6012886	6040548	6333334	6128923	2.90	cps
Lead	207-1	5204378	5400977	5606654	5404003	3.72	cps
Lead	208-1	23973121	24634656	25601720	24736499	3.31	cps
Lithium	6-1	2799296	2822500	2935484	2852427	2.55	cps
Magnesium	24-2	215407	209947	209839	211731	1.50	cps
Manganese	55-2	382394	376934	377803	379044	0.77	cps
Molybdenum	94-1	1859	1934	1842	1878	2.60	cps
Molybdenum	95-1	1400	1208	1292	1300	7.39	cps
Molybdenum	96-1	1992	1950	1967	1970	1.06	cps
Molybdenum	97-1	767	867	775	803	6.91	cps
Molybdenum	98-1	1875	2050	1875	1934	5.23	cps
Neodymium	150-1	3807	3514	4254	3858	9.66	cps
Neodymium	150-2	1177	1173	1197	1182	1.07	cps
Nickel	60-2	2604	2600	2604	2602	0.07	cps
Phosphorus	31-2	1333	958	1233	1175	16.53	cps
Potassium	39-2	28938	28136	28971	28682	1.65	cps
Rhodium	103-1	7747936	7877827	7922687	7849484	1.16	cps
Rhodium	103-2	3570415	3539855	3577398	3562556	0.56	cps
Scandium	45-1	6249783	6341879	6160059	6250574	1.45	cps
Scandium	45-2	188447	185342	187614	187135	0.86	cps
Selenium	82-1	287	289	339	305	9.53	cps
Selenium	77-2	27	20	10	19	44.42	cps
Selenium	78-2	77	70	68	72	6.59	cps
Silicon	28-1	1416895	1422745	1391310	1410317	1.19	cps
Silver	107-1	61153	63213	63841	62735	2.24	cps
Silver	109-1	60132	58550	61824	60169	2.72	cps
Sodium	23-2	40140	38401	39830	39457	2.35	cps
Strontium	86-1	24046	24322	24038	24135	0.67	cps
Strontium	88-1	192197	195224	191051	192824	1.12	cps
Sulfur	34-1	606201	612749	604198	607716	0.74	cps
Terbium	159-1	9582592	9778313	9764279	9708395	1.12	cps
Terbium	159-2	4182333	4098171	4160253	4146919	1.05	cps
Thallium	203-1	3242	3309	3392	3314	2.27	cps
Thallium	205-1	7286	7786	7919	7664	4.36	cps
Tin	118-1	9404	8311	8962	8892	6.18	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-05DLX5	Instrumnet Name :	P8
Client Sample ID :	MH1G66	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 20:53:55	DataFile Name :	158AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	17177	17795	18078	17684	2.61	cps
Uranium	238-1	4601	4009	4101	4237	7.52	cps
Vanadium	51-2	5735	5478	5421	5544	3.01	cps
Ytterbium	172-1	500	600	592	564	9.84	cps
Ytterbium	172-2	228	272	356	285	22.75	cps
Ytterbium	176-1	1283	1217	1250	1250	2.67	cps
Ytterbium	176-2	5724	5885	6013	5874	2.47	cps
Yttrium	89-1	15199609	15391726	15879019	15490118	2.26	cps
Yttrium	89-2	1554621	1544107	1542805	1547177	0.42	cps
Zinc	66-2	918288	916863	903960	913037	0.86	cps
Zirconium	90-1	2900	2784	2767	2817	2.58	cps
Zirconium	91-1	808	675	775	753	9.22	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-06DLX5	Instrumnet Name :	P8
Client Sample ID :	MH1G67	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 20:56:53	DataFile Name :	159AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	44503	43685	44170	44119	0.93	cps
Antimony	121-1	339836	346506	343513	343285	0.97	cps
Arsenic	75-2	14609	14284	14357	14416	1.18	cps
Barium	135-1	17220	17370	17620	17403	1.16	cps
Barium	137-1	41101	40890	39453	40482	2.21	cps
Beryllium	9-1	272	250	256	259	4.39	cps
Bismuth	209-1	5466471	5507573	5476107	5483384	0.39	cps
Bismuth	209-2	3000901	2903192	2906602	2936898	1.89	cps
Boron	10-1	674	700	714	696	2.92	cps
Boron	11-1	3244	3292	3376	3304	2.02	cps
Bromine	81-1	21298	19704	21459	20820	4.66	cps
Cadmium	111-1	49889	49363	49022	49425	0.88	cps
Cadmium	106-1	8178	7877	8761	8272	5.43	cps
Cadmium	108-1	3592	3567	3259	3473	5.35	cps
Calcium	43-1	357360	356469	358078	357302	0.23	cps
Calcium	44-1	5735741	5873224	5635432	5748132	2.08	cps
Carbon	12-1	3917883	4121053	3984812	4007916	2.58	cps
Carbon	12-2	43540	42345	42914	42933	1.39	cps
Chlorine	35-1	6885954	7303664	7344121	7177913	3.53	cps
Chlorine	35-2	49351	48106	48725	48727	1.28	cps
Chromium	52-2	6718	6688	6768	6725	0.60	cps
Cobalt	59-2	10414	10244	10311	10323	0.83	cps
Copper	63-2	330184	326792	323994	326990	0.95	cps
Dysprosium	156-1	2859	3059	3059	2992	3.86	cps
Dysprosium	156-2	1403	1290	1263	1319	5.64	cps
Erbium	164-1	2684	2592	2642	2639	1.74	cps
Erbium	164-2	1143	1253	1177	1191	4.74	cps
Gadolinium	160-1	3259	3100	3317	3225	3.48	cps
Gadolinium	160-2	1500	1463	1513	1492	1.74	cps
Holmium	165-1	9321500	9528280	9438003	9429261	1.10	cps
Holmium	165-2	4302610	4082724	4132062	4172466	2.77	cps
Indium	115-1	8039833	8136830	8472920	8216528	2.77	cps
Indium	115-2	1127953	1117720	1114418	1120030	0.63	cps
Iron	54-2	696742	695157	687951	693283	0.68	cps
Iron	56-2	13008491	12678436	13019982	12902303	1.50	cps
Iron	57-2	322637	309057	314923	315539	2.16	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-06DLX5	Instrumnet Name :	P8
Client Sample ID :	MH1G67	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 20:56:53	DataFile Name :	159AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1057	1147	1063	1089	4.61	cps
Lead	206-1	5322095	5178762	5317644	5272833	1.55	cps
Lead	207-1	4683643	4661068	4667296	4670669	0.25	cps
Lead	208-1	21307396	20944383	21344596	21198792	1.04	cps
Lithium	6-1	2843649	2921440	2748318	2837802	3.06	cps
Magnesium	24-2	645532	621690	619704	628975	2.29	cps
Manganese	55-2	559553	561400	554255	558403	0.66	cps
Molybdenum	94-1	5276	5101	5268	5215	1.89	cps
Molybdenum	95-1	3084	3351	3175	3203	4.23	cps
Molybdenum	96-1	4001	3984	4184	4056	2.74	cps
Molybdenum	97-1	1992	1809	1667	1822	8.94	cps
Molybdenum	98-1	4509	5001	4651	4720	5.36	cps
Neodymium	150-1	5321	5295	5168	5261	1.56	cps
Neodymium	150-2	1757	1610	1597	1655	5.37	cps
Nickel	60-2	2394	2367	2324	2361	1.50	cps
Phosphorus	31-2	1642	1692	1717	1683	2.27	cps
Potassium	39-2	27543	27335	27777	27552	0.80	cps
Rhodium	103-1	7779976	7877587	7910860	7856141	0.87	cps
Rhodium	103-2	3572725	3497533	3504044	3524767	1.18	cps
Scandium	45-1	6358973	6229194	6229166	6272444	1.19	cps
Scandium	45-2	186280	186749	185608	186213	0.31	cps
Selenium	82-1	329	223	321	291	20.35	cps
Selenium	77-2	20	13	13	16	24.76	cps
Selenium	78-2	62	60	72	65	9.94	cps
Silicon	28-1	2375831	2426660	2419609	2407367	1.14	cps
Silver	107-1	71186	73061	70715	71654	1.73	cps
Silver	109-1	69745	69393	70087	69742	0.50	cps
Sodium	23-2	34917	36647	35410	35658	2.50	cps
Strontium	86-1	33858	33942	32973	33591	1.60	cps
Strontium	88-1	273432	274627	270115	272725	0.86	cps
Sulfur	34-1	641757	649177	626863	639266	1.78	cps
Terbium	159-1	9681686	9735412	10129358	9848819	2.48	cps
Terbium	159-2	4218940	4068152	4107897	4131663	1.89	cps
Thallium	203-1	5493	5251	5777	5507	4.77	cps
Thallium	205-1	13324	13291	13858	13491	2.36	cps
Tin	118-1	5685	5835	5710	5743	1.40	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-06DLX5	Instrumnet Name :	P8
Client Sample ID :	MH1G67	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 20:56:53	DataFile Name :	159AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	20114	20960	20015	20363	2.55	cps
Uranium	238-1	6343	6393	5993	6243	3.49	cps
Vanadium	51-2	5011	4984	4911	4969	1.04	cps
Ytterbium	172-1	792	942	800	844	9.98	cps
Ytterbium	172-2	422	400	383	402	4.86	cps
Ytterbium	176-1	1258	1592	1400	1417	11.81	cps
Ytterbium	176-2	5207	5762	5401	5457	5.17	cps
Yttrium	89-1	15345559	15357812	15820829	15508067	1.75	cps
Yttrium	89-2	1513684	1487000	1505429	1502038	0.91	cps
Zinc	66-2	1663653	1645437	1641641	1650244	0.71	cps
Zirconium	90-1	9662	9503	9620	9595	0.86	cps
Zirconium	91-1	2184	2509	2175	2289	8.31	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-07DLX2	Instrumnet Name :	P8
Client Sample ID :	MH1G68	Dilution Factor :	2
Date & Time Acquired ::	2021-12-16 20:59:54	DataFile Name :	160AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	86463	85588	85124	85725	0.79	cps
Antimony	121-1	2814307	2749640	2723319	2762422	1.69	cps
Arsenic	75-2	86846	84434	86662	85981	1.56	cps
Barium	135-1	79743	78888	79576	79403	0.57	cps
Barium	137-1	184743	185934	185504	185394	0.33	cps
Beryllium	9-1	338	328	322	329	2.45	cps
Bismuth	209-1	5575901	5697195	5511873	5594990	1.68	cps
Bismuth	209-2	2968712	3038077	2901516	2969435	2.30	cps
Boron	10-1	1220	1364	1398	1327	7.12	cps
Boron	11-1	5794	6038	6376	6069	4.82	cps
Bromine	81-1	21539	20497	20847	20961	2.53	cps
Cadmium	111-1	344049	340107	342157	342105	0.58	cps
Cadmium	106-1	36725	37477	38387	37530	2.22	cps
Cadmium	108-1	24418	24401	24413	24411	0.04	cps
Calcium	43-1	289594	292860	295714	292723	1.05	cps
Calcium	44-1	4778562	4756859	4674953	4736791	1.15	cps
Carbon	12-1	4067416	4138721	4108608	4104915	0.87	cps
Carbon	12-2	45137	45647	45597	45460	0.62	cps
Chlorine	35-1	10231061	11567888	12707924	11502291	10.78	cps
Chlorine	35-2	88655	93980	98661	93765	5.34	cps
Chromium	52-2	12295	12129	11775	12066	2.20	cps
Cobalt	59-2	12212	12289	11848	12116	1.94	cps
Copper	63-2	2934091	2915065	2856092	2901749	1.40	cps
Dysprosium	156-1	4418	4284	4726	4476	5.06	cps
Dysprosium	156-2	1947	1877	1810	1878	3.64	cps
Erbium	164-1	3926	3726	4176	3942	5.72	cps
Erbium	164-2	1567	1593	1597	1586	1.04	cps
Gadolinium	160-1	4117	4459	4184	4254	4.26	cps
Gadolinium	160-2	2227	2210	2107	2181	2.98	cps
Holmium	165-1	9683473	9381841	9791692	9619002	2.21	cps
Holmium	165-2	4177779	4204563	4330428	4237590	1.92	cps
Indium	115-1	8380872	8553150	8868311	8600777	2.87	cps
Indium	115-2	1151684	1144007	1141085	1145592	0.48	cps
Iron	54-2	1013187	1020436	1025277	1019633	0.60	cps
Iron	56-2	18673978	18397255	18692919	18588051	0.89	cps
Iron	57-2	462949	449193	466691	459611	2.00	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-07DLX2	Instrumnet Name :	P8
Client Sample ID :	MH1G68	Dilution Factor :	2
Date & Time Acquired ::	2021-12-16 20:59:54	DataFile Name :	160AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1207	1127	1223	1186	4.36	cps
Lead	206-1	57939665	59727261	58574896	58747274	1.54	cps
Lead	207-1	50465482	52198566	50069219	50911089	2.22	cps
Lead	208-1	233488986	239919566	230977512	234795355	1.96	cps
Lithium	6-1	2978762	2820090	2970342	2923065	3.05	cps
Magnesium	24-2	603175	584259	580073	589169	2.09	cps
Manganese	55-2	2253093	2237578	2266522	2252397	0.64	cps
Molybdenum	94-1	11714	12081	11238	11677	3.62	cps
Molybdenum	95-1	10629	10704	10087	10474	3.22	cps
Molybdenum	96-1	12639	12573	12681	12631	0.43	cps
Molybdenum	97-1	6952	6393	6702	6682	4.19	cps
Molybdenum	98-1	17136	16919	17044	17033	0.64	cps
Neodymium	150-1	7395	7796	7596	7596	2.63	cps
Neodymium	150-2	2374	2387	2400	2387	0.56	cps
Nickel	60-2	3917	3757	3667	3781	3.35	cps
Phosphorus	31-2	2309	2609	2392	2436	6.36	cps
Potassium	39-2	33732	33264	33807	33601	0.88	cps
Rhodium	103-1	8426763	7986444	8284206	8232471	2.73	cps
Rhodium	103-2	3473642	3528898	3553542	3518694	1.16	cps
Scandium	45-1	6174796	6344335	6564329	6361153	3.07	cps
Scandium	45-2	191543	188998	188327	189623	0.89	cps
Selenium	82-1	515	549	444	503	10.64	cps
Selenium	77-2	27	23	30	27	12.51	cps
Selenium	78-2	90	113	91	98	13.26	cps
Silicon	28-1	7667166	7177662	7225265	7356698	3.67	cps
Silver	107-1	398332	404807	405336	402825	0.97	cps
Silver	109-1	382430	387693	387006	385710	0.74	cps
Sodium	23-2	181207	175764	181241	179404	1.76	cps
Strontium	86-1	55929	56173	56984	56362	0.98	cps
Strontium	88-1	465347	471031	465615	467331	0.69	cps
Sulfur	34-1	721942	719596	717040	719526	0.34	cps
Terbium	159-1	10072150	10018641	10157210	10082667	0.69	cps
Terbium	159-2	4143993	4188830	4245984	4192936	1.22	cps
Thallium	203-1	3409	3359	3367	3378	0.79	cps
Thallium	205-1	7719	7786	7794	7766	0.53	cps
Tin	118-1	14733	16277	15943	15651	5.19	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-07DLX2	Instrumnet Name :	P8
Client Sample ID :	MH1G68	Dilution Factor :	2
Date & Time Acquired ::	2021-12-16 20:59:54	DataFile Name :	160AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	41678	42873	41929	42160	1.49	cps
Uranium	238-1	22754	22462	22763	22660	0.76	cps
Vanadium	51-2	15502	15672	15765	15646	0.85	cps
Ytterbium	172-1	1025	1242	767	1011	23.52	cps
Ytterbium	172-2	478	578	561	539	9.94	cps
Ytterbium	176-1	1433	1767	1400	1533	13.22	cps
Ytterbium	176-2	5585	5757	6152	5831	4.98	cps
Yttrium	89-1	16059952	15994509	16145805	16066755	0.47	cps
Yttrium	89-2	1545985	1500189	1561976	1536050	2.09	cps
Zinc	66-2	13522381	13284711	13242366	13349819	1.13	cps
Zirconium	90-1	15192	15033	15234	15153	0.70	cps
Zirconium	91-1	3492	3250	3976	3573	10.34	cps

LB Number : LB117862 Operator : Jaswal
 Lab Sample ID : M5043-07DL2X20 Instrumnet Name : P8
 Client Sample ID : MH1G68 Dilution Factor : 20
 Date & Time Acquired :: 2021-12-16 21:02:49 DataFile Name : 161AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8423	8224	8281	8309	1.23	cps
Antimony	121-1	257411	259069	257346	257942	0.38	cps
Arsenic	75-2	8258	8237	8078	8191	1.20	cps
Barium	135-1	7586	7377	7769	7577	2.59	cps
Barium	137-1	17583	17516	17576	17559	0.21	cps
Beryllium	9-1	122	112	132	122	8.20	cps
Bismuth	209-1	5484785	5473410	5718831	5559008	2.49	cps
Bismuth	209-2	2992780	2955762	2897140	2948561	1.64	cps
Boron	10-1	630	556	606	597	6.32	cps
Boron	11-1	2794	2816	2778	2796	0.68	cps
Bromine	81-1	20256	21429	20025	20570	3.66	cps
Cadmium	111-1	32195	32841	33055	32697	1.37	cps
Cadmium	106-1	6677	7085	6660	6807	3.54	cps
Cadmium	108-1	2250	2417	2484	2384	5.04	cps
Calcium	43-1	27784	27821	28541	28049	1.52	cps
Calcium	44-1	468624	469224	469760	469203	0.12	cps
Carbon	12-1	4126381	4042192	4121053	4096542	1.15	cps
Carbon	12-2	42989	44936	44284	44070	2.25	cps
Chlorine	35-1	6090669	6019274	5788260	5966068	2.65	cps
Chlorine	35-2	36096	36338	36363	36266	0.41	cps
Chromium	52-2	1710	1677	1793	1727	3.48	cps
Cobalt	59-2	1240	1197	1150	1196	3.77	cps
Copper	63-2	274148	272095	271977	272740	0.45	cps
Dysprosium	156-1	400	433	508	447	12.41	cps
Dysprosium	156-2	190	227	167	194	15.55	cps
Erbium	164-1	358	625	508	497	26.89	cps
Erbium	164-2	170	183	167	173	5.09	cps
Gadolinium	160-1	325	433	408	389	14.59	cps
Gadolinium	160-2	267	223	223	238	10.52	cps
Holmium	165-1	9441784	9387538	9371657	9400326	0.39	cps
Holmium	165-2	4107476	4144697	4020863	4091012	1.55	cps
Indium	115-1	8401501	8238376	8261984	8300620	1.06	cps
Indium	115-2	1140553	1140401	1122215	1134390	0.93	cps
Iron	54-2	97739	97790	96128	97219	0.97	cps
Iron	56-2	1829913	1875948	1852341	1852734	1.24	cps
Iron	57-2	45484	44726	43723	44644	1.98	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-07DL2X20	Instrumnet Name :	P8
Client Sample ID :	MH1G68	Dilution Factor :	20
Date & Time Acquired ::	2021-12-16 21:02:49	DataFile Name :	161AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1170	1247	1137	1185	4.76	cps
Lead	206-1	5691545	5704799	5827744	5741363	1.31	cps
Lead	207-1	4882522	4988641	5030944	4967369	1.54	cps
Lead	208-1	22304941	22792186	23237901	22778342	2.05	cps
Lithium	6-1	2934764	2793213	2847884	2858621	2.50	cps
Magnesium	24-2	58268	57573	58561	58134	0.87	cps
Manganese	55-2	214605	215235	209738	213192	1.41	cps
Molybdenum	94-1	1358	1367	1375	1367	0.61	cps
Molybdenum	95-1	1167	825	1017	1003	17.08	cps
Molybdenum	96-1	1367	1458	1717	1514	11.99	cps
Molybdenum	97-1	517	658	558	578	12.60	cps
Molybdenum	98-1	1683	1725	1583	1664	4.38	cps
Neodymium	150-1	780	727	833	780	6.84	cps
Neodymium	150-2	240	187	223	217	12.59	cps
Nickel	60-2	430	427	413	423	2.08	cps
Phosphorus	31-2	317	433	308	353	19.81	cps
Potassium	39-2	17436	17820	17394	17550	1.34	cps
Rhodium	103-1	7978040	7906154	7974719	7952971	0.51	cps
Rhodium	103-2	3585555	3546541	3598752	3576949	0.76	cps
Scandium	45-1	6188395	6372320	6143077	6234597	1.95	cps
Scandium	45-2	186494	187550	183798	185948	1.04	cps
Selenium	82-1	31	-7	47	24	115.63	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	54	41	51	49	14.00	cps
Silicon	28-1	1204419	1159686	1196353	1186819	2.01	cps
Silver	107-1	37711	39875	38873	38819	2.79	cps
Silver	109-1	35931	37318	35965	36405	2.17	cps
Sodium	23-2	34065	34525	33389	33993	1.68	cps
Strontium	86-1	6952	7144	6869	6988	2.02	cps
Strontium	88-1	43686	44580	44990	44419	1.50	cps
Sulfur	34-1	394786	388930	392597	392105	0.75	cps
Terbium	159-1	9489627	9486743	9625457	9533942	0.83	cps
Terbium	159-2	4084831	4183392	4021399	4096541	1.99	cps
Thallium	203-1	767	692	658	706	7.86	cps
Thallium	205-1	1508	1642	1492	1547	5.31	cps
Tin	118-1	5209	5218	5034	5154	2.01	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-07DL2X20	Instrumnet Name :	P8
Client Sample ID :	MH1G68	Dilution Factor :	20
Date & Time Acquired ::	2021-12-16 21:02:49	DataFile Name :	161AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4259	4176	4793	4409	7.59	cps
Uranium	238-1	2192	2167	2175	2178	0.58	cps
Vanadium	51-2	1427	1663	1630	1573	8.14	cps
Ytterbium	172-1	142	150	100	131	20.52	cps
Ytterbium	172-2	67	44	61	57	20.14	cps
Ytterbium	176-1	1142	958	1183	1095	10.94	cps
Ytterbium	176-2	5312	5368	5612	5431	2.94	cps
Yttrium	89-1	15546443	15644286	15307978	15499569	1.12	cps
Yttrium	89-2	1481768	1514941	1506806	1501172	1.15	cps
Zinc	66-2	1251181	1278984	1234650	1254938	1.79	cps
Zirconium	90-1	1984	2150	2317	2150	7.75	cps
Zirconium	91-1	425	400	600	475	22.94	cps

LB Number : LB117862 Operator : Jaswal
 Lab Sample ID : M5043-08DLX10 Instrumnet Name : P8
 Client Sample ID : MH1G69 Dilution Factor : 10
 Date & Time Acquired :: 2021-12-16 21:05:53 DataFile Name : 162AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7831	8009	7976	7939	1.19	cps
Antimony	121-1	133736	132834	133911	133494	0.43	cps
Arsenic	75-2	8515	8775	9033	8774	2.95	cps
Barium	135-1	10629	10521	10446	10532	0.88	cps
Barium	137-1	23948	25185	23729	24287	3.23	cps
Beryllium	9-1	130	118	118	122	5.68	cps
Bismuth	209-1	5381120	5273195	5317268	5323861	1.02	cps
Bismuth	209-2	3014423	3024023	3005868	3014771	0.30	cps
Boron	10-1	498	484	486	489	1.55	cps
Boron	11-1	2456	2242	2378	2358	4.59	cps
Bromine	81-1	20196	19554	21118	20289	3.87	cps
Cadmium	111-1	33840	34580	34852	34424	1.52	cps
Cadmium	106-1	6402	7077	6794	6757	5.02	cps
Cadmium	108-1	2404	2429	2484	2439	1.66	cps
Calcium	43-1	106316	106815	106156	106429	0.32	cps
Calcium	44-1	1737572	1807621	1762112	1769101	2.01	cps
Carbon	12-1	4357810	4498525	4547021	4467785	2.20	cps
Carbon	12-2	48481	47729	48372	48194	0.84	cps
Chlorine	35-1	4528921	4661206	4570981	4587036	1.47	cps
Chlorine	35-2	30098	29740	29990	29943	0.61	cps
Chromium	52-2	2337	2337	2154	2276	4.65	cps
Cobalt	59-2	2960	3017	3220	3066	4.46	cps
Copper	63-2	89911	87774	89377	89020	1.25	cps
Dysprosium	156-1	842	1208	1058	1036	17.79	cps
Dysprosium	156-2	447	443	420	437	3.33	cps
Erbium	164-1	883	883	908	892	1.62	cps
Erbium	164-2	390	370	337	366	7.37	cps
Gadolinium	160-1	1050	1042	967	1020	4.50	cps
Gadolinium	160-2	463	540	533	512	8.29	cps
Holmium	165-1	9114883	8901826	9265916	9094208	2.01	cps
Holmium	165-2	4165939	4303515	4143422	4204292	2.06	cps
Indium	115-1	7902025	8163913	7836519	7967485	2.17	cps
Indium	115-2	1130119	1138029	1137588	1135245	0.39	cps
Iron	54-2	227535	213749	222234	221173	3.14	cps
Iron	56-2	4190950	4187490	4145792	4174744	0.60	cps
Iron	57-2	101057	100599	100810	100822	0.23	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-08DLX10	Instrumnet Name :	P8
Client Sample ID :	MH1G69	Dilution Factor :	10
Date & Time Acquired ::	2021-12-16 21:05:53	DataFile Name :	162AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1160	1137	1123	1140	1.63	cps
Lead	206-1	5752888	5866593	5828777	5816086	1.00	cps
Lead	207-1	4960034	4951565	5092462	5001354	1.58	cps
Lead	208-1	22866754	22968149	23286928	23040610	0.95	cps
Lithium	6-1	2846424	2851317	2716569	2804770	2.72	cps
Magnesium	24-2	241736	242425	257271	247144	3.55	cps
Manganese	55-2	376273	379940	374687	376966	0.71	cps
Molybdenum	94-1	983	975	1058	1006	4.56	cps
Molybdenum	95-1	625	533	650	603	10.19	cps
Molybdenum	96-1	900	900	867	889	2.16	cps
Molybdenum	97-1	292	325	325	314	6.13	cps
Molybdenum	98-1	883	892	858	878	1.98	cps
Neodymium	150-1	1680	1840	1934	1818	7.05	cps
Neodymium	150-2	607	540	530	559	7.46	cps
Nickel	60-2	710	727	640	692	6.64	cps
Phosphorus	31-2	758	717	558	678	15.57	cps
Potassium	39-2	19005	18462	19414	18960	2.52	cps
Rhodium	103-1	7733131	7797349	7641150	7723877	1.02	cps
Rhodium	103-2	3603915	3613104	3545981	3587667	1.01	cps
Scandium	45-1	5936528	6048483	6041325	6008779	1.04	cps
Scandium	45-2	185290	180791	188412	184831	2.07	cps
Selenium	82-1	56	37	65	52	27.35	cps
Selenium	77-2	10	13	0	8	89.21	cps
Selenium	78-2	48	51	46	48	5.22	cps
Silicon	28-1	1165450	1188949	1178585	1177661	1.00	cps
Silver	107-1	31270	32681	32038	31996	2.21	cps
Silver	109-1	31954	31195	30192	31114	2.84	cps
Sodium	23-2	24196	25306	24705	24735	2.25	cps
Strontium	86-1	12031	12639	12289	12320	2.48	cps
Strontium	88-1	85613	87894	85605	86371	1.53	cps
Sulfur	34-1	454786	451350	444831	450322	1.12	cps
Terbium	159-1	9175500	9774161	9414486	9454715	3.19	cps
Terbium	159-2	4049721	4211349	4118993	4126687	1.96	cps
Thallium	203-1	1875	1667	1633	1725	7.59	cps
Thallium	205-1	3942	4109	3801	3951	3.91	cps
Tin	118-1	5635	5751	5535	5640	1.92	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-08DLX10	Instrumnet Name :	P8
Client Sample ID :	MH1G69	Dilution Factor :	10
Date & Time Acquired ::	2021-12-16 21:05:53	DataFile Name :	162AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	6118	6043	5660	5940	4.14	cps
Uranium	238-1	2725	2325	2425	2492	8.36	cps
Vanadium	51-2	1407	1323	1340	1357	3.25	cps
Ytterbium	172-1	325	275	308	303	8.41	cps
Ytterbium	172-2	133	139	161	144	10.17	cps
Ytterbium	176-1	1067	1075	1092	1078	1.18	cps
Ytterbium	176-2	5057	5518	5685	5420	6.00	cps
Yttrium	89-1	15010238	15354408	14846655	15070434	1.72	cps
Yttrium	89-2	1574209	1544792	1519652	1546218	1.77	cps
Zinc	66-2	1385186	1391390	1370935	1382504	0.76	cps
Zirconium	90-1	2317	2209	2250	2259	2.42	cps
Zirconium	91-1	525	475	458	486	7.14	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-09DLX4	Instrumnet Name :	P8
Client Sample ID :	MH1G70	Dilution Factor :	4
Date & Time Acquired ::	2021-12-16 21:08:52	DataFile Name :	163AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33767	32711	33136	33205	1.60	cps
Antimony	121-1	157038	158530	156152	157240	0.76	cps
Arsenic	75-2	7988	8054	7820	7954	1.52	cps
Barium	135-1	18638	18613	18396	18549	0.72	cps
Barium	137-1	41368	43173	42617	42386	2.18	cps
Beryllium	9-1	172	154	214	180	17.11	cps
Bismuth	209-1	5568436	5496042	5249487	5437988	3.07	cps
Bismuth	209-2	2924125	2934336	2891266	2916576	0.77	cps
Boron	10-1	520	566	542	543	4.24	cps
Boron	11-1	2488	2554	2440	2494	2.30	cps
Bromine	81-1	20927	20547	20226	20567	1.71	cps
Cadmium	111-1	41491	42032	41264	41596	0.95	cps
Cadmium	106-1	7761	7827	6902	7497	6.89	cps
Cadmium	108-1	3109	2996	2892	2999	3.61	cps
Calcium	43-1	217653	221675	217929	219086	1.03	cps
Calcium	44-1	3396481	3563001	3597622	3519035	3.06	cps
Carbon	12-1	4268674	4236137	4252707	4252506	0.38	cps
Carbon	12-2	45245	45647	45104	45332	0.62	cps
Chlorine	35-1	5255146	5766852	5984205	5668734	6.60	cps
Chlorine	35-2	43399	42455	45406	43753	3.44	cps
Chromium	52-2	4701	4738	4601	4680	1.51	cps
Cobalt	59-2	9650	9190	9623	9488	2.72	cps
Copper	63-2	179173	181663	180882	180572	0.71	cps
Dysprosium	156-1	2275	2167	2250	2231	2.54	cps
Dysprosium	156-2	937	943	927	936	0.90	cps
Erbium	164-1	1733	1892	1700	1775	5.77	cps
Erbium	164-2	747	830	680	752	9.99	cps
Gadolinium	160-1	2317	2309	2034	2220	7.27	cps
Gadolinium	160-2	950	1020	1060	1010	5.51	cps
Holmium	165-1	9515564	9337634	9009774	9287657	2.76	cps
Holmium	165-2	4114551	4111854	4080009	4102138	0.47	cps
Indium	115-1	8332807	8237758	7861012	8143859	3.06	cps
Indium	115-2	1121664	1121787	1121758	1121736	0.01	cps
Iron	54-2	546179	537079	550532	544597	1.26	cps
Iron	56-2	10107135	9937884	9756931	9933983	1.76	cps
Iron	57-2	244494	244285	241337	243372	0.73	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-09DLX4	Instrumnet Name :	P8
Client Sample ID :	MH1G70	Dilution Factor :	4
Date & Time Acquired ::	2021-12-16 21:08:52	DataFile Name :	163AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1107	1217	1263	1196	6.73	cps
Lead	206-1	4847723	4867674	4929355	4881584	0.87	cps
Lead	207-1	4221205	4205310	4222089	4216201	0.22	cps
Lead	208-1	19368949	19079547	19128880	19192459	0.81	cps
Lithium	6-1	2905592	2882305	2764292	2850729	2.66	cps
Magnesium	24-2	303026	305339	298302	302222	1.19	cps
Manganese	55-2	476613	470569	468143	471775	0.92	cps
Molybdenum	94-1	2817	2625	2717	2720	3.53	cps
Molybdenum	95-1	3025	3200	3009	3078	3.45	cps
Molybdenum	96-1	3451	4151	3976	3859	9.44	cps
Molybdenum	97-1	1975	1775	1817	1856	5.69	cps
Molybdenum	98-1	4618	4426	5009	4684	6.35	cps
Neodymium	150-1	4034	3807	3887	3910	2.94	cps
Neodymium	150-2	1343	1263	1320	1309	3.14	cps
Nickel	60-2	1760	1637	1870	1756	6.65	cps
Phosphorus	31-2	1117	1058	1008	1061	5.11	cps
Potassium	39-2	26458	27493	27260	27070	2.01	cps
Rhodium	103-1	7998767	7907865	7588520	7831717	2.75	cps
Rhodium	103-2	3484808	3454004	3518099	3485637	0.92	cps
Scandium	45-1	6021522	6215370	5938395	6058429	2.35	cps
Scandium	45-2	183133	181675	188606	184471	1.98	cps
Selenium	82-1	225	115	107	149	43.96	cps
Selenium	77-2	10	13	13	12	15.73	cps
Selenium	78-2	69	65	70	68	3.89	cps
Silicon	28-1	1174825	1203073	1184267	1187388	1.21	cps
Silver	107-1	43912	44389	43821	44041	0.69	cps
Silver	109-1	41731	42683	41237	41884	1.75	cps
Sodium	23-2	44711	44009	46241	44987	2.54	cps
Strontium	86-1	33416	33449	33282	33382	0.27	cps
Strontium	88-1	259603	269349	275777	268243	3.04	cps
Sulfur	34-1	575124	581032	573024	576393	0.72	cps
Terbium	159-1	9873745	9536880	9318529	9576384	2.92	cps
Terbium	159-2	3972840	4016071	4117569	4035493	1.84	cps
Thallium	203-1	3059	2692	2825	2859	6.49	cps
Thallium	205-1	6869	6727	6577	6724	2.17	cps
Tin	118-1	5610	5926	5835	5790	2.81	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-09DLX4	Instrumnet Name :	P8
Client Sample ID :	MH1G70	Dilution Factor :	4
Date & Time Acquired ::	2021-12-16 21:08:52	DataFile Name :	163AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	19088	18863	19823	19258	2.61	cps
Uranium	238-1	4017	4209	4009	4079	2.77	cps
Vanadium	51-2	3347	3357	3207	3304	2.54	cps
Ytterbium	172-1	525	550	517	531	3.27	cps
Ytterbium	172-2	272	272	283	276	2.32	cps
Ytterbium	176-1	1267	1225	1500	1331	11.14	cps
Ytterbium	176-2	5201	5801	5462	5488	5.48	cps
Yttrium	89-1	15833690	15571541	14896062	15433765	3.13	cps
Yttrium	89-2	1505671	1485383	1518416	1503157	1.11	cps
Zinc	66-2	1220782	1184915	1206792	1204163	1.50	cps
Zirconium	90-1	2634	2901	2400	2645	9.46	cps
Zirconium	91-1	658	625	934	739	22.91	cps

LB Number : LB117862 Operator : Jaswal
 Lab Sample ID : M5043-10DLX5 Instrumnet Name : P8
 Client Sample ID : MH1G71 Dilution Factor : 5
 Date & Time Acquired :: 2021-12-16 21:11:53 DataFile Name : 164AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21322	21708	21560	21530	0.91	cps
Antimony	121-1	264070	259632	263808	262503	0.95	cps
Arsenic	75-2	12543	12608	12579	12577	0.26	cps
Barium	135-1	12531	12364	12806	12567	1.78	cps
Barium	137-1	28260	27885	29419	28521	2.80	cps
Beryllium	9-1	152	178	164	165	7.90	cps
Bismuth	209-1	5384403	4797791	5397342	5193179	6.59	cps
Bismuth	209-2	2892922	2912476	2948883	2918093	0.97	cps
Boron	10-1	828	912	904	881	5.26	cps
Boron	11-1	4450	4058	4556	4354	6.03	cps
Bromine	81-1	19905	20867	20416	20396	2.36	cps
Cadmium	111-1	42165	41245	44003	42471	3.31	cps
Cadmium	106-1	8695	7260	7836	7930	9.10	cps
Cadmium	108-1	3230	2984	2909	3041	5.52	cps
Calcium	43-1	261225	260824	265526	262525	0.99	cps
Calcium	44-1	4186562	4246313	4302624	4245166	1.37	cps
Carbon	12-1	4185908	4215273	4251177	4217453	0.78	cps
Carbon	12-2	47428	45096	44928	45817	3.05	cps
Chlorine	35-1	5080160	5406940	5530310	5339137	4.36	cps
Chlorine	35-2	38443	39329	40023	39265	2.02	cps
Chromium	52-2	5024	5091	5218	5111	1.92	cps
Cobalt	59-2	3537	3514	3290	3447	3.95	cps
Copper	63-2	194474	194945	193452	194290	0.39	cps
Dysprosium	156-1	2009	1959	2167	2045	5.32	cps
Dysprosium	156-2	970	973	1033	992	3.59	cps
Erbium	164-1	2117	2125	2409	2217	7.49	cps
Erbium	164-2	777	857	877	837	6.32	cps
Gadolinium	160-1	2334	2034	2142	2170	7.00	cps
Gadolinium	160-2	1140	1097	1167	1135	3.11	cps
Holmium	165-1	9167048	7846457	9046963	8686822	8.41	cps
Holmium	165-2	4165495	4212653	4028510	4135553	2.31	cps
Indium	115-1	8060219	7221334	8213752	7831768	6.82	cps
Indium	115-2	1123082	1106679	1139309	1123024	1.45	cps
Iron	54-2	282847	281887	278703	281146	0.77	cps
Iron	56-2	5256703	5248609	5130050	5211787	1.36	cps
Iron	57-2	126666	129125	125063	126951	1.61	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-10DLX5	Instrumnet Name :	P8
Client Sample ID :	MH1G71	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 21:11:53	DataFile Name :	164AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1053	1207	1080	1113	7.36	cps
Lead	206-1	6071805	6081324	6159061	6104063	0.78	cps
Lead	207-1	5342956	5341954	5401606	5362172	0.64	cps
Lead	208-1	24256477	24262023	24981812	24500104	1.70	cps
Lithium	6-1	2915472	2578607	2807893	2767324	6.22	cps
Magnesium	24-2	477029	472103	472772	473968	0.56	cps
Manganese	55-2	550628	549298	546120	548682	0.42	cps
Molybdenum	94-1	6018	6027	5876	5974	1.41	cps
Molybdenum	95-1	7177	7244	7044	7155	1.42	cps
Molybdenum	96-1	8103	7794	8236	8044	2.82	cps
Molybdenum	97-1	4234	4267	4801	4434	7.17	cps
Molybdenum	98-1	11480	11572	12097	11716	2.84	cps
Neodymium	150-1	3641	3654	3434	3576	3.45	cps
Neodymium	150-2	1200	1107	1167	1158	4.09	cps
Nickel	60-2	1637	1630	1607	1625	0.97	cps
Phosphorus	31-2	1200	1408	1283	1297	8.08	cps
Potassium	39-2	21800	22193	21166	21720	2.39	cps
Rhodium	103-1	7752506	7008450	7683016	7481324	5.49	cps
Rhodium	103-2	3560841	3504044	3496658	3520514	1.00	cps
Scandium	45-1	6196872	5672886	5900431	5923397	4.44	cps
Scandium	45-2	186809	182755	184404	184656	1.10	cps
Selenium	82-1	239	179	237	219	15.59	cps
Selenium	77-2	27	10	10	16	61.87	cps
Selenium	78-2	54	62	62	59	7.78	cps
Silicon	28-1	1329866	1380181	1363200	1357749	1.89	cps
Silver	107-1	41238	41321	42600	41720	1.83	cps
Silver	109-1	40519	39992	40243	40251	0.65	cps
Sodium	23-2	31184	31509	29915	30869	2.73	cps
Strontium	86-1	24931	25165	24689	24928	0.95	cps
Strontium	88-1	201233	195476	198461	198390	1.45	cps
Sulfur	34-1	445992	441498	447220	444903	0.68	cps
Terbium	159-1	9535520	8809351	9406761	9250544	4.19	cps
Terbium	159-2	4087021	4008936	4108007	4067988	1.28	cps
Thallium	203-1	3134	3459	3159	3251	5.57	cps
Thallium	205-1	7911	6952	7836	7566	7.05	cps
Tin	118-1	5426	5051	5093	5190	3.96	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-10DLX5	Instrumnet Name :	P8
Client Sample ID :	MH1G71	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 21:11:53	DataFile Name :	164AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	18913	18621	19672	19069	2.85	cps
Uranium	238-1	7928	7486	7694	7703	2.87	cps
Vanadium	51-2	2514	2490	2640	2548	3.17	cps
Ytterbium	172-1	675	525	700	633	14.95	cps
Ytterbium	172-2	256	294	250	267	9.08	cps
Ytterbium	176-1	1400	1142	1442	1328	12.24	cps
Ytterbium	176-2	4779	5701	6001	5494	11.60	cps
Yttrium	89-1	15480359	13652471	15374654	14835828	6.92	cps
Yttrium	89-2	1518497	1464395	1493265	1492053	1.81	cps
Zinc	66-2	1651540	1630187	1624909	1635545	0.86	cps
Zirconium	90-1	5101	5201	5193	5165	1.07	cps
Zirconium	91-1	1217	1250	1267	1245	2.05	cps

LB Number : LB117862 Operator : Jaswal
 Lab Sample ID : M5043-11DLX5 Instrumnet Name : P8
 Client Sample ID : MH1G72 Dilution Factor : 5
 Date & Time Acquired :: 2021-12-16 21:14:50 DataFile Name : 165AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21274	20919	21250	21148	0.94	cps
Antimony	121-1	578009	603050	573622	584894	2.71	cps
Arsenic	75-2	19271	19339	19343	19318	0.21	cps
Barium	135-1	14083	14692	14767	14514	2.58	cps
Barium	137-1	32196	34298	34560	33685	3.85	cps
Beryllium	9-1	180	144	144	156	13.33	cps
Bismuth	209-1	5574572	5421733	5815714	5604007	3.54	cps
Bismuth	209-2	2931083	2745205	2829668	2835319	3.28	cps
Boron	10-1	540	468	544	517	8.27	cps
Boron	11-1	2442	2468	2554	2488	2.36	cps
Bromine	81-1	21038	20386	20176	20533	2.19	cps
Cadmium	111-1	33419	33364	32099	32961	2.27	cps
Cadmium	106-1	6835	6543	6618	6666	2.27	cps
Cadmium	108-1	2221	2384	2579	2395	7.49	cps
Calcium	43-1	369567	372749	368899	370405	0.56	cps
Calcium	44-1	6019451	5882645	5914248	5938781	1.21	cps
Carbon	12-1	4020847	3787092	3933086	3913675	3.02	cps
Carbon	12-2	42128	42688	41735	42184	1.13	cps
Chlorine	35-1	6436382	7127858	7582997	7049079	8.19	cps
Chlorine	35-2	52797	54361	55290	54149	2.33	cps
Chromium	52-2	7372	7195	7335	7301	1.28	cps
Cobalt	59-2	2974	2934	2634	2847	6.53	cps
Copper	63-2	299671	300555	298248	299491	0.39	cps
Dysprosium	156-1	2884	3150	2817	2950	5.98	cps
Dysprosium	156-2	1217	1250	1163	1210	3.61	cps
Erbium	164-1	2392	2500	2567	2486	3.55	cps
Erbium	164-2	1010	1010	1007	1009	0.19	cps
Gadolinium	160-1	2809	2750	2692	2750	2.12	cps
Gadolinium	160-2	1443	1380	1353	1392	3.32	cps
Holmium	165-1	9384463	9124324	9547760	9352183	2.28	cps
Holmium	165-2	4063126	3897934	3919768	3960276	2.27	cps
Indium	115-1	8529073	8052170	8596185	8392476	3.53	cps
Indium	115-2	1105928	1084488	1076549	1088988	1.40	cps
Iron	54-2	330089	329363	329039	329497	0.16	cps
Iron	56-2	6115354	6145352	6334897	6198535	1.92	cps
Iron	57-2	150987	154160	149140	151429	1.68	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-11DLX5	Instrumnet Name :	P8
Client Sample ID :	MH1G72	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 21:14:50	DataFile Name :	165AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1167	1167	1103	1146	3.19	cps
Lead	206-1	9654173	9694572	9450312	9599686	1.36	cps
Lead	207-1	8231664	8324305	8245771	8267247	0.60	cps
Lead	208-1	37811976	38339639	38279235	38143617	0.76	cps
Lithium	6-1	3070430	2976383	2923047	2989953	2.50	cps
Magnesium	24-2	637237	659891	630227	642452	2.41	cps
Manganese	55-2	483066	496163	493131	490787	1.40	cps
Molybdenum	94-1	3401	3842	3667	3637	6.12	cps
Molybdenum	95-1	2234	2475	2609	2439	7.79	cps
Molybdenum	96-1	3184	3175	3409	3256	4.07	cps
Molybdenum	97-1	1508	1408	1692	1536	9.35	cps
Molybdenum	98-1	3876	3851	3926	3884	0.98	cps
Neodymium	150-1	4914	5161	4661	4912	5.09	cps
Neodymium	150-2	1513	1570	1457	1513	3.74	cps
Nickel	60-2	1447	1517	1570	1511	4.09	cps
Phosphorus	31-2	2125	1742	1833	1900	10.54	cps
Potassium	39-2	26133	25348	25807	25762	1.53	cps
Rhodium	103-1	8173073	7852650	8316401	8114041	2.93	cps
Rhodium	103-2	3550794	3322750	3507247	3460264	3.50	cps
Scandium	45-1	6309052	6244661	6514590	6356101	2.22	cps
Scandium	45-2	181317	174931	175302	177183	2.02	cps
Selenium	82-1	126	180	153	153	17.63	cps
Selenium	77-2	7	13	13	11	34.61	cps
Selenium	78-2	59	52	50	54	8.80	cps
Silicon	28-1	1145035	1116246	1165629	1142303	2.17	cps
Silver	107-1	110688	111099	107872	109886	1.60	cps
Silver	109-1	103565	106125	106983	105558	1.68	cps
Sodium	23-2	33197	32195	33222	32871	1.78	cps
Strontium	86-1	31803	32229	33892	32641	3.38	cps
Strontium	88-1	262118	265974	262802	263631	0.78	cps
Sulfur	34-1	464376	474003	475576	471318	1.29	cps
Terbium	159-1	10002485	9919819	10224481	10048928	1.57	cps
Terbium	159-2	4027494	3799625	3933022	3920047	2.92	cps
Thallium	203-1	2675	2775	2759	2736	1.96	cps
Thallium	205-1	6635	6810	6894	6780	1.95	cps
Tin	118-1	6410	6885	6418	6571	4.14	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-11DLX5	Instrumnet Name :	P8
Client Sample ID :	MH1G72	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 21:14:50	DataFile Name :	165AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	7228	6727	6952	6969	3.60	cps
Uranium	238-1	8203	8386	8653	8414	2.69	cps
Vanadium	51-2	3107	3240	3227	3192	2.30	cps
Ytterbium	172-1	592	817	642	683	17.29	cps
Ytterbium	172-2	328	428	322	359	16.53	cps
Ytterbium	176-1	1417	1458	1450	1442	1.53	cps
Ytterbium	176-2	5707	5618	5462	5596	2.21	cps
Yttrium	89-1	16117467	15283899	16126546	15842638	3.05	cps
Yttrium	89-2	1507341	1414708	1441400	1454483	3.28	cps
Zinc	66-2	1158081	1142653	1143649	1148128	0.75	cps
Zirconium	90-1	6618	6485	6719	6607	1.77	cps
Zirconium	91-1	1600	1592	1500	1564	3.55	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-12DLREX2	Instrumnet Name :	P8
Client Sample ID :	MH1G73	Dilution Factor :	2
Date & Time Acquired ::	2021-12-16 21:17:50	DataFile Name :	166AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	199303	193828	193640	195590	1.64	cps
Antimony	121-1	650	650	542	614	10.19	cps
Arsenic	75-2	208	217	190	205	6.71	cps
Barium	135-1	45251	44775	46171	45399	1.56	cps
Barium	137-1	105739	105411	107195	106115	0.90	cps
Beryllium	9-1	746	790	742	759	3.51	cps
Bismuth	209-1	5543712	5594645	5459494	5532617	1.23	cps
Bismuth	209-2	2563249	2873521	2901753	2779508	6.76	cps
Boron	10-1	400	422	394	405	3.64	cps
Boron	11-1	1836	1920	1780	1845	3.82	cps
Bromine	81-1	20246	19223	18782	19417	3.87	cps
Cadmium	111-1	595	544	540	560	5.52	cps
Cadmium	106-1	3967	3717	3809	3831	3.30	cps
Cadmium	108-1	50	50	38	46	15.75	cps
Calcium	43-1	21585	21761	21999	21782	0.95	cps
Calcium	44-1	365738	369316	366739	367264	0.50	cps
Carbon	12-1	3831986	3978874	3894457	3901772	1.89	cps
Carbon	12-2	41401	40925	40072	40799	1.65	cps
Chlorine	35-1	11229834	13167130	14709637	13035533	13.38	cps
Chlorine	35-2	105896	110302	113982	110060	3.68	cps
Chromium	52-2	9954	10120	9670	9915	2.30	cps
Cobalt	59-2	13427	13573	12926	13309	2.55	cps
Copper	63-2	14297	14494	13974	14255	1.84	cps
Dysprosium	156-1	19815	19773	19698	19762	0.30	cps
Dysprosium	156-2	8409	8279	8143	8277	1.61	cps
Erbium	164-1	15251	15067	14900	15073	1.16	cps
Erbium	164-2	6698	6348	6282	6443	3.48	cps
Gadolinium	160-1	17979	17646	17579	17735	1.21	cps
Gadolinium	160-2	8549	8753	8589	8631	1.25	cps
Holmium	165-1	9378078	9466383	9443212	9429225	0.49	cps
Holmium	165-2	3711574	4063680	4234856	4003370	6.66	cps
Indium	115-1	8437142	8274085	8265533	8325587	1.16	cps
Indium	115-2	973538	1105684	1133770	1070998	7.99	cps
Iron	54-2	673124	649243	657762	660043	1.83	cps
Iron	56-2	12153236	12194403	11700423	12016021	2.28	cps
Iron	57-2	299391	296388	286553	294111	2.28	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-12DLREX2	Instrumnet Name :	P8
Client Sample ID :	MH1G73	Dilution Factor :	2
Date & Time Acquired ::	2021-12-16 21:17:50	DataFile Name :	166AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1200	1210	1143	1185	3.04	cps
Lead	206-1	25937	26305	24485	25576	3.76	cps
Lead	207-1	20272	20416	19955	20214	1.17	cps
Lead	208-1	98042	98966	93845	96951	2.82	cps
Lithium	6-1	2966722	2964802	2951583	2961035	0.28	cps
Magnesium	24-2	244055	243270	238838	242054	1.16	cps
Manganese	55-2	166588	172517	167980	169028	1.83	cps
Molybdenum	94-1	5943	5935	5993	5957	0.53	cps
Molybdenum	95-1	1467	1608	1592	1556	4.98	cps
Molybdenum	96-1	2817	3034	2625	2825	7.23	cps
Molybdenum	97-1	1017	950	900	956	6.13	cps
Molybdenum	98-1	2342	2592	2550	2495	5.37	cps
Neodymium	150-1	37847	37032	36664	37181	1.63	cps
Neodymium	150-2	11472	11705	11115	11431	2.60	cps
Nickel	60-2	3707	3731	3887	3775	2.59	cps
Phosphorus	31-2	967	783	792	847	12.22	cps
Potassium	39-2	97613	96959	94897	96490	1.47	cps
Rhodium	103-1	8028514	7943294	8110875	8027561	1.04	cps
Rhodium	103-2	3013878	3565496	3629189	3402855	9.94	cps
Scandium	45-1	6345682	6244759	6235229	6275223	0.98	cps
Scandium	45-2	162981	184882	190313	179392	8.07	cps
Selenium	82-1	-34	-5	57	6	803.20	cps
Selenium	77-2	37	27	50	38	30.98	cps
Selenium	78-2	78	74	68	73	6.86	cps
Silicon	28-1	4042375	4040049	3932849	4005091	1.56	cps
Silver	107-1	1258	983	733	992	26.48	cps
Silver	109-1	1183	975	708	956	24.92	cps
Sodium	23-2	45489	43682	44109	44427	2.13	cps
Strontium	86-1	12414	12598	12898	12637	1.93	cps
Strontium	88-1	88212	92338	91501	90684	2.41	cps
Sulfur	34-1	364524	354301	349112	355979	2.20	cps
Terbium	159-1	10175922	9969720	9923409	10023017	1.34	cps
Terbium	159-2	3589255	3979045	4040852	3869717	6.33	cps
Thallium	203-1	808	558	692	686	18.23	cps
Thallium	205-1	1417	1292	1542	1417	8.82	cps
Tin	118-1	5084	5226	5059	5123	1.76	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-12DLREX2	Instrumnet Name :	P8
Client Sample ID :	MH1G73	Dilution Factor :	2
Date & Time Acquired ::	2021-12-16 21:17:50	DataFile Name :	166AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	269204	276079	271768	272350	1.28	cps
Uranium	238-1	16745	15794	16828	16456	3.49	cps
Vanadium	51-2	14224	13850	13807	13960	1.64	cps
Ytterbium	172-1	4343	4551	4476	4456	2.37	cps
Ytterbium	172-2	2078	2111	2317	2169	5.97	cps
Ytterbium	176-1	3451	3501	3667	3539	3.21	cps
Ytterbium	176-2	5990	6796	7063	6617	8.44	cps
Yttrium	89-1	15718216	15723019	15812868	15751368	0.34	cps
Yttrium	89-2	1312937	1554124	1553729	1473596	9.44	cps
Zinc	66-2	12382	12119	12012	12171	1.57	cps
Zirconium	90-1	13715	14174	14266	14052	2.10	cps
Zirconium	91-1	3259	3150	3159	3189	1.89	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-12DL2X10	Instrumnet Name :	P8
Client Sample ID :	MH1G73	Dilution Factor :	10
Date & Time Acquired ::	2021-12-16 21:20:52	DataFile Name :	167AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7180	7160	7128	7156	0.36	cps
Antimony	121-1	378649	372590	378153	376464	0.89	cps
Arsenic	75-2	15539	15624	15649	15604	0.37	cps
Barium	135-1	7194	7144	6752	7030	3.44	cps
Barium	137-1	16555	16584	16157	16432	1.45	cps
Beryllium	9-1	148	140	132	140	5.71	cps
Bismuth	209-1	5467527	5371191	5588117	5475612	1.98	cps
Bismuth	209-2	2948252	2938100	2902029	2929460	0.83	cps
Boron	10-1	350	392	392	378	6.41	cps
Boron	11-1	1778	1748	1752	1759	0.93	cps
Bromine	81-1	19624	21268	21148	20680	4.43	cps
Cadmium	111-1	199502	197510	201257	199423	0.94	cps
Cadmium	106-1	22077	23037	22385	22500	2.18	cps
Cadmium	108-1	14316	13907	14328	14184	1.69	cps
Calcium	43-1	161756	162239	161745	161914	0.17	cps
Calcium	44-1	2731163	2744278	2652909	2709450	1.82	cps
Carbon	12-1	3576097	3776127	3801433	3717886	3.32	cps
Carbon	12-2	40615	39821	40540	40326	1.09	cps
Chlorine	35-1	7487308	7378535	7405369	7423738	0.76	cps
Chlorine	35-2	48348	47470	47428	47749	1.09	cps
Chromium	52-2	8229	8042	7939	8070	1.82	cps
Cobalt	59-2	5128	5028	5184	5113	1.55	cps
Copper	63-2	339119	347727	339811	342219	1.40	cps
Dysprosium	156-1	1358	1392	1275	1342	4.48	cps
Dysprosium	156-2	640	577	583	600	5.80	cps
Erbium	164-1	1108	1308	1250	1222	8.42	cps
Erbium	164-2	513	493	510	506	2.12	cps
Gadolinium	160-1	1308	1475	1333	1372	6.55	cps
Gadolinium	160-2	747	733	757	746	1.57	cps
Holmium	165-1	9370717	9301169	9732002	9467963	2.44	cps
Holmium	165-2	4247232	4142092	4076204	4155176	2.08	cps
Indium	115-1	7962494	7991857	8007162	7987171	0.28	cps
Indium	115-2	1132143	1115771	1108814	1118909	1.07	cps
Iron	54-2	555735	560482	565777	560665	0.90	cps
Iron	56-2	10337026	10823313	10357480	10505940	2.62	cps
Iron	57-2	251155	260972	251000	254376	2.25	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-12DL2X10	Instrumnet Name :	P8
Client Sample ID :	MH1G73	Dilution Factor :	10
Date & Time Acquired ::	2021-12-16 21:20:52	DataFile Name :	167AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1100	1020	1133	1084	5.37	cps
Lead	206-1	12314604	12474729	12398224	12395852	0.65	cps
Lead	207-1	10603626	10913143	10727095	10747955	1.45	cps
Lead	208-1	48979294	49498539	48611943	49029925	0.91	cps
Lithium	6-1	2891444	2873801	2832819	2866021	1.05	cps
Magnesium	24-2	394784	388191	386657	389877	1.11	cps
Manganese	55-2	373931	372110	380083	375374	1.11	cps
Molybdenum	94-1	2484	2275	2059	2272	9.35	cps
Molybdenum	95-1	1508	1542	1683	1578	5.89	cps
Molybdenum	96-1	1884	2067	2109	2020	5.93	cps
Molybdenum	97-1	675	883	800	786	13.34	cps
Molybdenum	98-1	2134	2100	2125	2120	0.82	cps
Neodymium	150-1	2220	2167	2087	2158	3.11	cps
Neodymium	150-2	720	687	643	683	5.63	cps
Nickel	60-2	1193	1040	1127	1120	6.86	cps
Phosphorus	31-2	1825	1992	1708	1842	7.73	cps
Potassium	39-2	22902	23912	23553	23456	2.18	cps
Rhodium	103-1	7629820	7928267	7825966	7794684	1.95	cps
Rhodium	103-2	3425509	3563291	3475777	3488192	2.00	cps
Scandium	45-1	6148831	6035431	6244815	6143026	1.71	cps
Scandium	45-2	179970	182429	182807	181735	0.85	cps
Selenium	82-1	163	216	158	179	17.90	cps
Selenium	77-2	10	3	20	11	75.52	cps
Selenium	78-2	58	44	60	54	16.15	cps
Silicon	28-1	859724	870118	923743	884528	3.88	cps
Silver	107-1	87714	86379	86840	86978	0.78	cps
Silver	109-1	80669	82690	83044	82134	1.56	cps
Sodium	23-2	26124	25398	25782	25768	1.41	cps
Strontium	86-1	13540	14091	13532	13721	2.33	cps
Strontium	88-1	96852	100319	98807	98659	1.76	cps
Sulfur	34-1	708800	702649	711303	707584	0.63	cps
Terbium	159-1	10036465	9895649	9742792	9891635	1.48	cps
Terbium	159-2	4122533	3989848	4042987	4051789	1.65	cps
Thallium	203-1	2209	2217	2359	2261	3.73	cps
Thallium	205-1	5293	5685	5635	5537	3.85	cps
Tin	118-1	7077	7210	7469	7252	2.75	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-12DL2X10	Instrumnet Name :	P8
Client Sample ID :	MH1G73	Dilution Factor :	10
Date & Time Acquired ::	2021-12-16 21:20:52	DataFile Name :	167AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4367	4534	4593	4498	2.60	cps
Uranium	238-1	7602	7411	8003	7672	3.94	cps
Vanadium	51-2	2624	2467	2504	2531	3.24	cps
Ytterbium	172-1	342	342	342	342	0.00	cps
Ytterbium	172-2	256	206	222	228	11.18	cps
Ytterbium	176-1	1242	1250	1367	1286	5.43	cps
Ytterbium	176-2	5451	5557	5679	5562	2.05	cps
Yttrium	89-1	15176435	15413404	15500244	15363361	1.09	cps
Yttrium	89-2	1478645	1533024	1489398	1500355	1.92	cps
Zinc	66-2	6275106	6092616	5822726	6063483	3.75	cps
Zirconium	90-1	4376	4384	4176	4312	2.74	cps
Zirconium	91-1	1008	1017	850	958	9.80	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-12DL3X50	Instrumnet Name :	P8
Client Sample ID :	MH1G73	Dilution Factor :	50
Date & Time Acquired ::	2021-12-16 21:23:52	DataFile Name :	168AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1459	1447	1532	1479	3.12	cps
Antimony	121-1	73322	76816	78157	76099	3.28	cps
Arsenic	75-2	3189	3049	3047	3095	2.63	cps
Barium	135-1	1167	1442	1525	1378	13.61	cps
Barium	137-1	3142	3199	3290	3210	2.33	cps
Beryllium	9-1	100	122	92	105	14.85	cps
Bismuth	209-1	5474289	5488635	5452829	5471918	0.33	cps
Bismuth	209-2	3002971	2880327	2855076	2912791	2.72	cps
Boron	10-1	332	324	342	333	2.71	cps
Boron	11-1	1528	1554	1450	1510	3.58	cps
Bromine	81-1	20246	19874	19784	19968	1.23	cps
Cadmium	111-1	39643	40243	39875	39920	0.76	cps
Cadmium	106-1	7235	7152	7002	7130	1.66	cps
Cadmium	108-1	2792	2892	2854	2846	1.78	cps
Calcium	43-1	31783	32466	33010	32420	1.90	cps
Calcium	44-1	540611	547029	545675	544438	0.62	cps
Carbon	12-1	4297445	4341427	4326102	4321658	0.52	cps
Carbon	12-2	44393	47845	46207	46149	3.74	cps
Chlorine	35-1	4525368	4265776	4230694	4340613	3.71	cps
Chlorine	35-2	25740	26241	23511	25164	5.78	cps
Chromium	52-2	1933	2007	2040	1993	2.74	cps
Cobalt	59-2	1190	1030	1040	1087	8.25	cps
Copper	63-2	67443	69047	67889	68126	1.22	cps
Dysprosium	156-1	217	275	292	261	15.08	cps
Dysprosium	156-2	110	130	123	121	8.41	cps
Erbium	164-1	258	408	408	358	24.17	cps
Erbium	164-2	153	130	103	129	19.41	cps
Gadolinium	160-1	383	258	267	303	23.08	cps
Gadolinium	160-2	193	183	153	177	11.78	cps
Holmium	165-1	9328952	9512398	9308766	9383372	1.20	cps
Holmium	165-2	4098167	4090261	4030764	4073064	0.90	cps
Indium	115-1	8044257	8079512	8044171	8055980	0.25	cps
Indium	115-2	1117432	1104242	1126213	1115962	0.99	cps
Iron	54-2	108886	110386	111115	110129	1.03	cps
Iron	56-2	2099241	2184164	2036300	2106568	3.52	cps
Iron	57-2	51382	51176	48427	50328	3.28	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-12DL3X50	Instrumnet Name :	P8
Client Sample ID :	MH1G73	Dilution Factor :	50
Date & Time Acquired ::	2021-12-16 21:23:52	DataFile Name :	168AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1210	1147	1120	1159	3.99	cps
Lead	206-1	2544170	2496864	2559513	2533516	1.29	cps
Lead	207-1	2207807	2218149	2162165	2196040	1.36	cps
Lead	208-1	10093557	10083187	10048209	10074984	0.24	cps
Lithium	6-1	2780161	2920700	2810971	2837277	2.60	cps
Magnesium	24-2	75195	74508	76033	75245	1.01	cps
Manganese	55-2	74437	74578	73472	74162	0.81	cps
Molybdenum	94-1	667	683	658	669	1.90	cps
Molybdenum	95-1	308	258	233	267	14.32	cps
Molybdenum	96-1	542	492	633	556	12.93	cps
Molybdenum	97-1	183	175	217	192	11.50	cps
Molybdenum	98-1	450	642	458	517	20.97	cps
Neodymium	150-1	320	387	413	373	12.88	cps
Neodymium	150-2	137	113	107	119	13.25	cps
Nickel	60-2	300	283	193	259	22.16	cps
Phosphorus	31-2	483	475	492	483	1.72	cps
Potassium	39-2	17219	17344	18003	17522	2.40	cps
Rhodium	103-1	7854327	7921096	7725942	7833788	1.27	cps
Rhodium	103-2	3570730	3495590	3448595	3504972	1.76	cps
Scandium	45-1	6031768	6187736	6160382	6126629	1.36	cps
Scandium	45-2	184746	181796	181442	182661	0.99	cps
Selenium	82-1	-60	-13	21	-17	-235.35	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	49	53	45	49	8.17	cps
Silicon	28-1	618801	603122	597253	606392	1.84	cps
Silver	107-1	16694	17562	18104	17453	4.08	cps
Silver	109-1	16427	16068	17445	16647	4.29	cps
Sodium	23-2	19138	18788	19639	19188	2.23	cps
Strontium	86-1	3951	3959	4476	4129	7.29	cps
Strontium	88-1	20274	20482	20791	20516	1.27	cps
Sulfur	34-1	419160	418350	418105	418539	0.13	cps
Terbium	159-1	9579455	9748214	9511712	9613127	1.27	cps
Terbium	159-2	3931580	3917346	4065688	3971538	2.06	cps
Thallium	203-1	800	942	608	783	21.36	cps
Thallium	205-1	1700	1925	1450	1692	14.05	cps
Tin	118-1	4342	4976	4743	4687	6.84	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-12DL3X50	Instrumnet Name :	P8
Client Sample ID :	MH1G73	Dilution Factor :	50
Date & Time Acquired ::	2021-12-16 21:23:52	DataFile Name :	168AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1117	1025	1083	1075	4.32	cps
Uranium	238-1	1383	1525	1383	1431	5.72	cps
Vanadium	51-2	517	527	510	518	1.62	cps
Ytterbium	172-1	117	42	100	86	45.73	cps
Ytterbium	172-2	56	67	67	63	10.19	cps
Ytterbium	176-1	992	1008	825	942	10.77	cps
Ytterbium	176-2	5429	5468	5701	5533	2.66	cps
Yttrium	89-1	15081157	15266268	15077062	15141496	0.71	cps
Yttrium	89-2	1523251	1521598	1487018	1510622	1.35	cps
Zinc	66-2	1214372	1216928	1190605	1207302	1.20	cps
Zirconium	90-1	1450	1342	1692	1495	11.99	cps
Zirconium	91-1	350	242	350	314	19.92	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-13DLX5	Instrumnet Name :	P8
Client Sample ID :	MH1G74	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 21:26:52	DataFile Name :	169AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25008	25139	25141	25096	0.30	cps
Antimony	121-1	437581	434053	436971	436202	0.43	cps
Arsenic	75-2	14042	14297	13977	14105	1.20	cps
Barium	135-1	18955	18939	19331	19075	1.16	cps
Barium	137-1	43704	45098	46035	44946	2.61	cps
Beryllium	9-1	116	124	154	131	15.25	cps
Bismuth	209-1	5514043	5719027	5556337	5596469	1.93	cps
Bismuth	209-2	3016138	3023904	2955979	2998674	1.24	cps
Boron	10-1	512	542	448	501	9.59	cps
Boron	11-1	2300	2448	2480	2409	3.99	cps
Bromine	81-1	21148	19644	19534	20109	4.48	cps
Cadmium	111-1	38436	38596	39082	38705	0.87	cps
Cadmium	106-1	7619	7569	7269	7486	2.53	cps
Cadmium	108-1	2763	2900	2938	2867	3.21	cps
Calcium	43-1	322784	328022	325683	325496	0.81	cps
Calcium	44-1	5327860	5256108	5318906	5300958	0.74	cps
Carbon	12-1	4764149	4815558	4954126	4844611	2.03	cps
Carbon	12-2	52043	50329	53014	51795	2.62	cps
Chlorine	35-1	5854268	6451222	6762110	6355867	7.26	cps
Chlorine	35-2	47788	50530	51693	50004	4.01	cps
Chromium	52-2	5184	5061	5174	5140	1.33	cps
Cobalt	59-2	5464	5311	5201	5325	2.48	cps
Copper	63-2	280459	281372	284835	282222	0.82	cps
Dysprosium	156-1	2167	2359	1909	2145	10.53	cps
Dysprosium	156-2	883	773	917	858	8.74	cps
Erbium	164-1	1775	1817	1975	1856	5.69	cps
Erbium	164-2	750	780	730	753	3.34	cps
Gadolinium	160-1	2242	2050	1950	2081	7.12	cps
Gadolinium	160-2	1037	953	1003	998	4.20	cps
Holmium	165-1	9168549	9459835	9206027	9278137	1.71	cps
Holmium	165-2	4139488	4359355	4128201	4209015	3.10	cps
Indium	115-1	8491283	8451588	8427386	8456752	0.38	cps
Indium	115-2	1140819	1134881	1116008	1130569	1.15	cps
Iron	54-2	555328	558707	573041	562359	1.67	cps
Iron	56-2	10405615	10572131	10304035	10427260	1.30	cps
Iron	57-2	256841	248281	257415	254179	2.01	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-13DLX5	Instrumnet Name :	P8
Client Sample ID :	MH1G74	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 21:26:52	DataFile Name :	169AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1150	1207	1137	1165	3.19	cps
Lead	206-1	7224688	7400272	7134571	7253177	1.86	cps
Lead	207-1	6169062	6366742	6351829	6295878	1.75	cps
Lead	208-1	28543978	29319449	28772723	28878717	1.38	cps
Lithium	6-1	2894449	2815092	2806307	2838616	1.71	cps
Magnesium	24-2	393622	399824	385938	393128	1.77	cps
Manganese	55-2	451008	460961	457377	456449	1.10	cps
Molybdenum	94-1	2475	2000	2267	2247	10.60	cps
Molybdenum	95-1	1650	1742	1892	1761	6.93	cps
Molybdenum	96-1	2634	2434	2400	2489	5.07	cps
Molybdenum	97-1	1042	1000	900	981	7.43	cps
Molybdenum	98-1	2525	2525	2375	2475	3.50	cps
Neodymium	150-1	3367	3661	3307	3445	5.49	cps
Neodymium	150-2	1053	1213	1070	1112	7.91	cps
Nickel	60-2	1443	1463	1530	1479	3.07	cps
Phosphorus	31-2	1575	1317	1350	1414	9.94	cps
Potassium	39-2	24580	24471	23661	24237	2.07	cps
Rhodium	103-1	7743982	7942045	7764572	7816866	1.39	cps
Rhodium	103-2	3428695	3569907	3559755	3519452	2.24	cps
Scandium	45-1	6352840	6340153	6183301	6292098	1.50	cps
Scandium	45-2	187032	185302	185179	185838	0.56	cps
Selenium	82-1	255	187	283	242	20.40	cps
Selenium	77-2	10	17	17	14	26.66	cps
Selenium	78-2	79	80	63	74	12.89	cps
Silicon	28-1	1166745	1152963	1167856	1162521	0.71	cps
Silver	107-1	63304	65298	63505	64036	1.71	cps
Silver	109-1	60158	61563	62903	61541	2.23	cps
Sodium	23-2	53716	54536	52721	53658	1.69	cps
Strontium	86-1	39807	39490	39047	39448	0.97	cps
Strontium	88-1	326581	333201	324015	327933	1.45	cps
Sulfur	34-1	598377	600399	595621	598132	0.40	cps
Terbium	159-1	10043392	9943537	9965150	9984026	0.53	cps
Terbium	159-2	4107606	4189450	4085269	4127442	1.33	cps
Thallium	203-1	3300	3251	3376	3309	1.90	cps
Thallium	205-1	8228	7602	7327	7719	5.98	cps
Tin	118-1	8244	7844	7994	8028	2.52	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-13DLX5	Instrumnet Name :	P8
Client Sample ID :	MH1G74	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 21:26:52	DataFile Name :	169AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	12923	12464	12806	12731	1.87	cps
Uranium	238-1	6377	6585	6719	6560	2.63	cps
Vanadium	51-2	3134	3357	3110	3200	4.26	cps
Ytterbium	172-1	508	500	550	519	5.16	cps
Ytterbium	172-2	328	272	250	283	14.14	cps
Ytterbium	176-1	1317	1200	1192	1236	5.65	cps
Ytterbium	176-2	5407	5851	5901	5720	4.76	cps
Yttrium	89-1	16135740	15906600	15675668	15906002	1.45	cps
Yttrium	89-2	1526044	1515214	1539833	1527030	0.81	cps
Zinc	66-2	1452531	1395339	1395923	1414598	2.32	cps
Zirconium	90-1	3459	3709	3501	3556	3.77	cps
Zirconium	91-1	942	650	908	833	19.16	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-14DLX5	Instrumnet Name :	P8
Client Sample ID :	MH1G75	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 21:29:52	DataFile Name :	170AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20277	20419	20140	20279	0.69	cps
Antimony	121-1	420983	410875	421442	417767	1.43	cps
Arsenic	75-2	12470	12484	12393	12449	0.39	cps
Barium	135-1	19223	20124	20116	19821	2.61	cps
Barium	137-1	45427	45892	47450	46256	2.29	cps
Beryllium	9-1	140	148	178	155	12.90	cps
Bismuth	209-1	5618938	5334487	5456738	5470054	2.61	cps
Bismuth	209-2	3036736	2962641	3019331	3006236	1.29	cps
Boron	10-1	390	456	372	406	10.89	cps
Boron	11-1	1862	1940	1856	1886	2.48	cps
Bromine	81-1	19063	20446	21299	20269	5.57	cps
Cadmium	111-1	43662	44022	44191	43958	0.61	cps
Cadmium	106-1	8061	7953	7719	7911	2.21	cps
Cadmium	108-1	3155	3100	3313	3189	3.46	cps
Calcium	43-1	307442	309944	307125	308170	0.50	cps
Calcium	44-1	5011447	4917512	5033278	4987412	1.23	cps
Carbon	12-1	3829700	3996680	3842308	3889563	2.39	cps
Carbon	12-2	40975	41376	40942	41097	0.59	cps
Chlorine	35-1	7873952	8694455	9500142	8689516	9.36	cps
Chlorine	35-2	67676	71904	70983	70188	3.17	cps
Chromium	52-2	5598	5544	5454	5532	1.31	cps
Cobalt	59-2	3390	3370	3490	3417	1.88	cps
Copper	63-2	238026	235118	231814	234986	1.32	cps
Dysprosium	156-1	2184	2292	2100	2192	4.39	cps
Dysprosium	156-2	970	887	817	891	8.61	cps
Erbium	164-1	1725	2000	2142	1956	10.83	cps
Erbium	164-2	893	757	717	789	11.74	cps
Gadolinium	160-1	2000	1992	2017	2003	0.64	cps
Gadolinium	160-2	1133	1120	943	1066	9.95	cps
Holmium	165-1	9667248	9165366	9476567	9436393	2.68	cps
Holmium	165-2	4255545	4144068	4270045	4223219	1.63	cps
Indium	115-1	8200424	8318457	8136411	8218431	1.12	cps
Indium	115-2	1161082	1157477	1159644	1159401	0.16	cps
Iron	54-2	357974	354960	344128	352354	2.07	cps
Iron	56-2	6791734	6576166	6402135	6590011	2.96	cps
Iron	57-2	161248	164535	159316	161700	1.63	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-14DLX5	Instrumnet Name :	P8
Client Sample ID :	MH1G75	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 21:29:52	DataFile Name :	170AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1110	1130	1137	1126	1.23	cps
Lead	206-1	5823154	5863691	5772144	5819663	0.79	cps
Lead	207-1	5080536	4990645	4946909	5006030	1.36	cps
Lead	208-1	23382365	23110484	23060306	23184385	0.75	cps
Lithium	6-1	2875074	2737154	2834519	2815583	2.52	cps
Magnesium	24-2	542889	518527	533499	531638	2.31	cps
Manganese	55-2	463222	455806	454684	457904	1.01	cps
Molybdenum	94-1	2700	2642	2984	2775	6.59	cps
Molybdenum	95-1	1675	1500	1767	1647	8.23	cps
Molybdenum	96-1	2492	2359	2042	2298	10.06	cps
Molybdenum	97-1	1075	1033	867	992	11.12	cps
Molybdenum	98-1	2625	2284	2675	2528	8.43	cps
Neodymium	150-1	3481	3487	3607	3525	2.02	cps
Neodymium	150-2	1057	1167	987	1070	8.48	cps
Nickel	60-2	1687	1813	1693	1731	4.12	cps
Phosphorus	31-2	1492	1608	1450	1517	5.41	cps
Potassium	39-2	23962	23987	23052	23667	2.25	cps
Rhodium	103-1	8019237	7691317	7860934	7857163	2.09	cps
Rhodium	103-2	3686336	3540345	3565636	3597439	2.17	cps
Scandium	45-1	6332125	6019389	5963812	6105109	3.25	cps
Scandium	45-2	185270	183987	187040	185432	0.83	cps
Selenium	82-1	167	223	125	172	28.81	cps
Selenium	77-2	13	7	3	8	65.47	cps
Selenium	78-2	58	52	52	54	6.41	cps
Silicon	28-1	1631404	1609595	1618931	1619977	0.68	cps
Silver	107-1	63137	64016	64418	63857	1.03	cps
Silver	109-1	62275	61388	60986	61550	1.07	cps
Sodium	23-2	38435	38669	37507	38204	1.61	cps
Strontium	86-1	26584	26050	26209	26281	1.04	cps
Strontium	88-1	207840	215122	212961	211974	1.76	cps
Sulfur	34-1	477842	474806	472205	474951	0.59	cps
Terbium	159-1	9925368	9552310	9702447	9726709	1.93	cps
Terbium	159-2	4181129	4188903	4222261	4197431	0.52	cps
Thallium	203-1	2367	2350	2150	2289	5.27	cps
Thallium	205-1	5535	5460	5193	5396	3.33	cps
Tin	118-1	5993	5868	5976	5946	1.14	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-14DLX5	Instrumnet Name :	P8
Client Sample ID :	MH1G75	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 21:29:52	DataFile Name :	170AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	13131	12839	12698	12889	1.72	cps
Uranium	238-1	8336	8336	8345	8339	0.06	cps
Vanadium	51-2	4367	4347	4144	4286	2.88	cps
Ytterbium	172-1	717	533	567	606	16.13	cps
Ytterbium	172-2	372	300	283	319	14.84	cps
Ytterbium	176-1	1433	1167	1358	1320	10.42	cps
Ytterbium	176-2	5307	5624	5985	5638	6.02	cps
Yttrium	89-1	15367088	15206796	16012585	15528823	2.75	cps
Yttrium	89-2	1572942	1544551	1541537	1553010	1.12	cps
Zinc	66-2	1679718	1744848	1682920	1702495	2.16	cps
Zirconium	90-1	5118	4893	5601	5204	6.96	cps
Zirconium	91-1	1275	1300	1092	1222	9.31	cps

LB Number : LB117862 Operator : Jaswal
 Lab Sample ID : M5043-16DLX5 Instrumnet Name : P8
 Client Sample ID : MH1G77 Dilution Factor : 5
 Date & Time Acquired :: 2021-12-16 21:32:49 DataFile Name : 171AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	45865	46597	46346	46269	0.80	cps
Antimony	121-1	1301696	1321768	1303266	1308910	0.85	cps
Arsenic	75-2	39471	39506	40007	39661	0.76	cps
Barium	135-1	39475	37954	38188	38539	2.13	cps
Barium	137-1	91070	89764	90424	90419	0.72	cps
Beryllium	9-1	190	238	230	219	11.73	cps
Bismuth	209-1	5448764	5424802	5414932	5429499	0.32	cps
Bismuth	209-2	3010658	3018089	3027019	3018589	0.27	cps
Boron	10-1	984	952	954	963	1.86	cps
Boron	11-1	4342	4510	4736	4529	4.37	cps
Bromine	81-1	19955	21278	20476	20570	3.24	cps
Cadmium	111-1	168825	167177	168674	168225	0.54	cps
Cadmium	106-1	19740	20149	19431	19773	1.82	cps
Cadmium	108-1	11672	12431	11972	12025	3.18	cps
Calcium	43-1	168883	168427	169008	168772	0.18	cps
Calcium	44-1	2806427	2779618	2769789	2785278	0.68	cps
Carbon	12-1	4193278	3950892	4182727	4108966	3.33	cps
Carbon	12-2	43357	42061	44769	43396	3.12	cps
Chlorine	35-1	8647636	9332417	9883566	9287873	6.67	cps
Chlorine	35-2	69718	71553	74585	71952	3.42	cps
Chromium	52-2	6645	6275	6712	6544	3.60	cps
Cobalt	59-2	5061	5181	5231	5158	1.69	cps
Copper	63-2	1265572	1306097	1307838	1293169	1.85	cps
Dysprosium	156-1	1934	1759	2109	1934	9.05	cps
Dysprosium	156-2	853	863	800	839	4.06	cps
Erbium	164-1	1850	1842	1867	1853	0.69	cps
Erbium	164-2	787	670	763	740	8.34	cps
Gadolinium	160-1	1850	2125	1984	1986	6.92	cps
Gadolinium	160-2	950	1010	983	981	3.06	cps
Holmium	165-1	9621449	9444334	9250921	9438901	1.96	cps
Holmium	165-2	4295591	4281017	4229592	4268733	0.81	cps
Indium	115-1	8503225	8206609	8099737	8269857	2.53	cps
Indium	115-2	1164746	1145162	1133064	1147657	1.39	cps
Iron	54-2	551895	540866	539929	544230	1.22	cps
Iron	56-2	10121683	9970713	10055734	10049377	0.75	cps
Iron	57-2	239308	243667	240145	241040	0.96	cps

LB Number : LB117862 Operator : Jaswal
 Lab Sample ID : M5043-16DLX5 Instrumnet Name : P8
 Client Sample ID : MH1G77 Dilution Factor : 5
 Date & Time Acquired :: 2021-12-16 21:32:49 DataFile Name : 171AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1240	1083	1310	1211	9.58	cps
Lead	206-1	25983727	26197743	25954536	26045335	0.51	cps
Lead	207-1	22330084	22618244	22999023	22649117	1.48	cps
Lead	208-1	102819954	105007827	104177902	104001894	1.06	cps
Lithium	6-1	2851286	2813986	2895294	2853522	1.43	cps
Magnesium	24-2	293519	294298	286337	291385	1.51	cps
Manganese	55-2	971704	966397	973662	970588	0.39	cps
Molybdenum	94-1	6352	6068	6152	6190	2.35	cps
Molybdenum	95-1	6010	5551	5810	5790	3.97	cps
Molybdenum	96-1	7369	6902	7252	7174	3.39	cps
Molybdenum	97-1	3651	3667	3534	3617	2.01	cps
Molybdenum	98-1	9362	8845	9212	9139	2.91	cps
Neodymium	150-1	3100	3054	3307	3154	4.28	cps
Neodymium	150-2	1043	1050	963	1019	4.73	cps
Nickel	60-2	1837	1973	1967	1926	4.00	cps
Phosphorus	31-2	1275	1150	1200	1208	5.21	cps
Potassium	39-2	23252	22651	23061	22988	1.34	cps
Rhodium	103-1	7766044	7731539	7707645	7735076	0.38	cps
Rhodium	103-2	3587708	3603372	3499476	3563519	1.57	cps
Scandium	45-1	6252632	6354791	6122951	6243458	1.86	cps
Scandium	45-2	187981	186134	183977	186031	1.08	cps
Selenium	82-1	163	309	75	183	64.71	cps
Selenium	77-2	27	10	17	18	47.19	cps
Selenium	78-2	74	68	76	73	5.73	cps
Silicon	28-1	3602072	3592905	3562208	3585729	0.58	cps
Silver	107-1	276662	271371	277371	275135	1.19	cps
Silver	109-1	265055	255673	264307	261678	1.99	cps
Sodium	23-2	86843	88168	85871	86961	1.33	cps
Strontium	86-1	30492	30726	30910	30709	0.68	cps
Strontium	88-1	248684	249998	255084	251255	1.35	cps
Sulfur	34-1	532615	530102	531353	531357	0.24	cps
Terbium	159-1	9688286	9925350	9785004	9799547	1.22	cps
Terbium	159-2	4126438	4170399	4273302	4190046	1.80	cps
Thallium	203-1	2000	1775	1834	1870	6.25	cps
Thallium	205-1	4618	4959	4876	4818	3.70	cps
Tin	118-1	9929	9562	9454	9648	2.58	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-16DLX5	Instrumnet Name :	P8
Client Sample ID :	MH1G77	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 21:32:49	DataFile Name :	171AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	28120	28671	29790	28860	2.95	cps
Uranium	238-1	10805	11355	10388	10849	4.47	cps
Vanadium	51-2	6285	6321	6585	6397	2.56	cps
Ytterbium	172-1	642	567	558	589	7.79	cps
Ytterbium	172-2	328	317	250	298	14.11	cps
Ytterbium	176-1	1517	1158	1250	1308	14.23	cps
Ytterbium	176-2	5335	5812	5590	5579	4.29	cps
Yttrium	89-1	15716933	14990008	15521066	15409335	2.44	cps
Yttrium	89-2	1547033	1551791	1491778	1530200	2.18	cps
Zinc	66-2	6090770	6291838	6262135	6214914	1.75	cps
Zirconium	90-1	7486	7461	7744	7563	2.08	cps
Zirconium	91-1	1809	1859	2017	1895	5.74	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-18DLX5	Instrumnet Name :	P8
Client Sample ID :	MH1G77D	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 21:35:48	DataFile Name :	172AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	41561	41072	41716	41450	0.81	cps
Antimony	121-1	1195864	1197943	1207053	1200287	0.50	cps
Arsenic	75-2	36292	36239	36456	36329	0.31	cps
Barium	135-1	34545	33935	34219	34233	0.89	cps
Barium	137-1	80853	79708	81511	80691	1.13	cps
Beryllium	9-1	258	258	184	233	18.31	cps
Bismuth	209-1	5592827	5625662	5711228	5643239	1.08	cps
Bismuth	209-2	2995126	3049155	3094491	3046257	1.63	cps
Boron	10-1	870	902	944	905	4.10	cps
Boron	11-1	4176	4268	4438	4294	3.10	cps
Bromine	81-1	20817	20717	21088	20874	0.92	cps
Cadmium	111-1	149575	146214	147248	147679	1.17	cps
Cadmium	106-1	18171	18580	17670	18140	2.51	cps
Cadmium	108-1	10504	10450	10825	10593	1.91	cps
Calcium	43-1	151087	152918	152633	152213	0.65	cps
Calcium	44-1	2474078	2544378	2526327	2514928	1.45	cps
Carbon	12-1	3948281	4047048	4000194	3998508	1.24	cps
Carbon	12-2	42019	41234	42621	41958	1.66	cps
Chlorine	35-1	8748071	9417152	10014619	9393281	6.75	cps
Chlorine	35-2	70807	70329	72926	71354	1.94	cps
Chromium	52-2	6028	5948	6078	6018	1.09	cps
Cobalt	59-2	5071	5151	5218	5147	1.43	cps
Copper	63-2	1160920	1138863	1170452	1156745	1.40	cps
Dysprosium	156-1	1742	1809	1608	1720	5.92	cps
Dysprosium	156-2	683	750	780	738	6.71	cps
Erbium	164-1	1683	1658	1717	1686	1.74	cps
Erbium	164-2	677	697	757	710	5.86	cps
Gadolinium	160-1	1809	1842	1600	1750	7.48	cps
Gadolinium	160-2	893	833	880	869	3.63	cps
Holmium	165-1	9163828	9438293	9361944	9321355	1.52	cps
Holmium	165-2	4261991	4171979	4350101	4261357	2.09	cps
Indium	115-1	8324324	8348694	8233009	8302009	0.73	cps
Indium	115-2	1147292	1155702	1154646	1152547	0.40	cps
Iron	54-2	489635	486780	493690	490035	0.71	cps
Iron	56-2	9068273	9164350	8909820	9047481	1.42	cps
Iron	57-2	225160	219379	218596	221045	1.62	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-18DLX5	Instrumnet Name :	P8
Client Sample ID :	MH1G77D	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 21:35:48	DataFile Name :	172AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1207	1080	1147	1145	5.54	cps
Lead	206-1	24345644	24951643	24685923	24661070	1.23	cps
Lead	207-1	20980905	21182594	21539384	21234294	1.33	cps
Lead	208-1	98164085	98005163	99645222	98604823	0.92	cps
Lithium	6-1	2920032	2905748	2692718	2839499	4.48	cps
Magnesium	24-2	283517	275935	275116	278189	1.67	cps
Manganese	55-2	878714	881824	881851	880796	0.20	cps
Molybdenum	94-1	5076	5410	5401	5296	3.59	cps
Molybdenum	95-1	5309	5551	4901	5254	6.26	cps
Molybdenum	96-1	6335	6535	5876	6249	5.40	cps
Molybdenum	97-1	2959	3067	3267	3098	5.05	cps
Molybdenum	98-1	8136	8186	8386	8236	1.61	cps
Neodymium	150-1	3140	2874	2980	2998	4.48	cps
Neodymium	150-2	887	883	947	906	3.94	cps
Nickel	60-2	1947	1800	1793	1847	4.69	cps
Phosphorus	31-2	900	1067	1050	1006	9.13	cps
Potassium	39-2	22343	21658	22944	22315	2.88	cps
Rhodium	103-1	8117208	8097833	7834079	8016373	1.97	cps
Rhodium	103-2	3529546	3594166	3651050	3591587	1.69	cps
Scandium	45-1	5996134	6339016	6337346	6224165	3.17	cps
Scandium	45-2	182251	185085	188348	185228	1.65	cps
Selenium	82-1	176	347	293	272	32.18	cps
Selenium	77-2	0	17	10	9	94.38	cps
Selenium	78-2	63	62	66	64	3.27	cps
Silicon	28-1	3346560	3340759	3319938	3335752	0.42	cps
Silver	107-1	252736	247200	251605	250514	1.17	cps
Silver	109-1	237829	239646	240863	239446	0.64	cps
Sodium	23-2	76945	77901	78772	77873	1.17	cps
Strontium	86-1	28020	27294	27244	27519	1.58	cps
Strontium	88-1	226778	226831	221225	224945	1.43	cps
Sulfur	34-1	525432	518473	507147	517017	1.79	cps
Terbium	159-1	9750335	10245388	10052150	10015957	2.49	cps
Terbium	159-2	4159723	4112660	4190910	4154431	0.95	cps
Thallium	203-1	1867	1959	1942	1922	2.54	cps
Thallium	205-1	4393	4376	5135	4634	9.35	cps
Tin	118-1	8711	8895	9412	9006	4.03	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-18DLX5	Instrumnet Name :	P8
Client Sample ID :	MH1G77D	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 21:35:48	DataFile Name :	172AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	25407	25022	26083	25504	2.10	cps
Uranium	238-1	10213	9721	10304	10079	3.11	cps
Vanadium	51-2	5855	5828	5568	5750	2.76	cps
Ytterbium	172-1	517	442	492	483	7.90	cps
Ytterbium	172-2	172	239	294	235	26.02	cps
Ytterbium	176-1	1325	1208	1275	1270	4.61	cps
Ytterbium	176-2	5401	5651	5796	5616	3.56	cps
Yttrium	89-1	15615356	15964510	15834858	15804908	1.12	cps
Yttrium	89-2	1540576	1527829	1577865	1548757	1.68	cps
Zinc	66-2	5512217	5659468	5384697	5518794	2.49	cps
Zirconium	90-1	6593	7027	6752	6791	3.23	cps
Zirconium	91-1	1642	1417	1633	1564	8.16	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-16LDLX25	Instrumnet Name :	P8
Client Sample ID :	MH1G77L	Dilution Factor :	25
Date & Time Acquired ::	2021-12-16 21:38:44	DataFile Name :	173AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9037	8869	8687	8864	1.98	cps
Antimony	121-1	254952	259513	255983	256816	0.93	cps
Arsenic	75-2	7525	7488	7520	7511	0.27	cps
Barium	135-1	7469	7619	7961	7683	3.28	cps
Barium	137-1	17463	17353	17867	17561	1.54	cps
Beryllium	9-1	92	120	138	117	19.87	cps
Bismuth	209-1	5577700	5775667	5636314	5663227	1.80	cps
Bismuth	209-2	2868224	2953219	2955801	2925748	1.70	cps
Boron	10-1	454	514	456	475	7.18	cps
Boron	11-1	2222	2096	2040	2119	4.40	cps
Bromine	81-1	19323	20446	20135	19968	2.90	cps
Cadmium	111-1	32406	33661	31496	32521	3.34	cps
Cadmium	106-1	6343	6752	6794	6630	3.75	cps
Cadmium	108-1	2359	2288	2454	2367	3.53	cps
Calcium	43-1	32394	33212	33547	33051	1.80	cps
Calcium	44-1	541888	551430	553697	549005	1.14	cps
Carbon	12-1	3956204	4006954	3977654	3980271	0.64	cps
Carbon	12-2	42646	43683	41643	42657	2.39	cps
Chlorine	35-1	5552347	5528001	5437084	5505811	1.10	cps
Chlorine	35-2	34717	35001	34024	34581	1.45	cps
Chromium	52-2	1713	1573	1743	1677	5.41	cps
Cobalt	59-2	910	970	953	944	3.28	cps
Copper	63-2	249716	252597	246066	249459	1.31	cps
Dysprosium	156-1	350	275	550	392	36.30	cps
Dysprosium	156-2	173	183	200	186	7.26	cps
Erbium	164-1	442	433	567	481	15.54	cps
Erbium	164-2	180	173	197	183	6.55	cps
Gadolinium	160-1	533	442	375	450	17.67	cps
Gadolinium	160-2	203	240	280	241	15.90	cps
Holmium	165-1	9450466	9321463	9294223	9355384	0.89	cps
Holmium	165-2	4162799	4155133	4203935	4173956	0.63	cps
Indium	115-1	8002939	8235214	8390060	8209404	2.37	cps
Indium	115-2	1151732	1139894	1133057	1141561	0.83	cps
Iron	54-2	104191	102919	103216	103442	0.64	cps
Iron	56-2	1980366	1885792	1989262	1951807	2.94	cps
Iron	57-2	47602	48890	45723	47405	3.36	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-16LDLX25	Instrumnet Name :	P8
Client Sample ID :	MH1G77L	Dilution Factor :	25
Date & Time Acquired ::	2021-12-16 21:38:44	DataFile Name :	173AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1177	1110	1173	1153	3.26	cps
Lead	206-1	5105893	5234819	5208748	5183153	1.32	cps
Lead	207-1	4526203	4544947	4500208	4523786	0.50	cps
Lead	208-1	20585823	20945982	20642584	20724796	0.93	cps
Lithium	6-1	2880437	2871558	2792076	2848024	1.71	cps
Magnesium	24-2	59983	55901	54018	56634	5.38	cps
Manganese	55-2	186258	184179	183863	184767	0.70	cps
Molybdenum	94-1	1508	1217	1500	1408	11.79	cps
Molybdenum	95-1	1050	1083	950	1028	6.75	cps
Molybdenum	96-1	1500	1658	1458	1539	6.86	cps
Molybdenum	97-1	508	725	592	608	17.97	cps
Molybdenum	98-1	1867	1767	1734	1789	3.88	cps
Neodymium	150-1	600	747	700	682	10.98	cps
Neodymium	150-2	203	180	233	206	13.01	cps
Nickel	60-2	410	427	437	424	3.17	cps
Phosphorus	31-2	333	233	217	261	24.17	cps
Potassium	39-2	16735	18020	16910	17222	4.05	cps
Rhodium	103-1	7899975	8113305	7975387	7996222	1.35	cps
Rhodium	103-2	3551757	3553419	3550829	3552002	0.04	cps
Scandium	45-1	6139414	6284786	6156957	6193719	1.28	cps
Scandium	45-2	187838	184165	185927	185977	0.99	cps
Selenium	82-1	-9	84	41	39	119.95	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	54	62	44	53	16.92	cps
Silicon	28-1	1127916	1155227	1107639	1130261	2.11	cps
Silver	107-1	53304	52199	53446	52983	1.29	cps
Silver	109-1	50242	50711	52685	51213	2.53	cps
Sodium	23-2	30582	30658	30015	30418	1.16	cps
Strontium	86-1	7552	7085	7561	7399	3.68	cps
Strontium	88-1	48418	48912	48192	48507	0.76	cps
Sulfur	34-1	387037	388709	386771	387506	0.27	cps
Terbium	159-1	9950681	9978478	10110301	10013153	0.85	cps
Terbium	159-2	4190253	4059247	4146457	4131986	1.61	cps
Thallium	203-1	700	692	700	697	0.69	cps
Thallium	205-1	1342	1675	1575	1531	11.18	cps
Tin	118-1	5051	4951	5193	5065	2.40	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-16LDLX25	Instrumnet Name :	P8
Client Sample ID :	MH1G77L	Dilution Factor :	25
Date & Time Acquired ::	2021-12-16 21:38:44	DataFile Name :	173AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5493	5835	6093	5807	5.19	cps
Uranium	238-1	2325	2059	2017	2134	7.84	cps
Vanadium	51-2	1303	1170	1070	1181	9.91	cps
Ytterbium	172-1	92	133	100	108	20.35	cps
Ytterbium	172-2	78	56	61	65	17.84	cps
Ytterbium	176-1	1125	950	942	1006	10.30	cps
Ytterbium	176-2	5379	5373	5951	5568	5.97	cps
Yttrium	89-1	15544469	15756093	15328323	15542962	1.38	cps
Yttrium	89-2	1520746	1555218	1491172	1522379	2.11	cps
Zinc	66-2	1176698	1157084	1152314	1162032	1.11	cps
Zirconium	90-1	2017	2217	2367	2200	7.98	cps
Zirconium	91-1	475	558	533	522	8.19	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-19DLX5	Instrumnet Name :	P8
Client Sample ID :	MH1G77S	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 21:41:48	DataFile Name :	174AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	39579	39125	39211	39305	0.61	cps
Antimony	121-1	1085626	1095919	1090466	1090670	0.47	cps
Arsenic	75-2	28099	28077	28326	28167	0.49	cps
Barium	135-1	126623	125975	128087	126895	0.85	cps
Barium	137-1	293005	294753	300331	296030	1.29	cps
Beryllium	9-1	2782	2708	2752	2747	1.35	cps
Bismuth	209-1	5749047	5604886	5503274	5619069	2.20	cps
Bismuth	209-2	3010632	3056093	2938613	3001779	1.97	cps
Boron	10-1	754	790	720	755	4.64	cps
Boron	11-1	3138	3232	3356	3242	3.37	cps
Bromine	81-1	21729	21188	20867	21262	2.05	cps
Cadmium	111-1	126821	123947	125761	125509	1.16	cps
Cadmium	106-1	15793	16894	15776	16154	3.97	cps
Cadmium	108-1	8949	9195	8899	9014	1.76	cps
Calcium	43-1	118202	117426	118753	118127	0.56	cps
Calcium	44-1	2005868	1943793	1977241	1975634	1.57	cps
Carbon	12-1	4289449	4409324	4375518	4358097	1.42	cps
Carbon	12-2	46692	48381	47863	47645	1.82	cps
Chlorine	35-1	6787110	7348187	8140804	7425367	9.16	cps
Chlorine	35-2	58678	61373	64804	61618	4.98	cps
Chromium	52-2	18482	18525	19496	18835	3.04	cps
Cobalt	59-2	61155	61054	61573	61261	0.45	cps
Copper	63-2	974238	969338	984086	975887	0.77	cps
Dysprosium	156-1	1825	1784	1884	1831	2.74	cps
Dysprosium	156-2	783	663	873	773	13.62	cps
Erbium	164-1	1658	1775	1500	1645	8.39	cps
Erbium	164-2	703	697	607	669	8.07	cps
Gadolinium	160-1	1608	1617	1842	1689	7.84	cps
Gadolinium	160-2	900	937	993	943	4.98	cps
Holmium	165-1	9376921	9183399	9556713	9372344	1.99	cps
Holmium	165-2	4359244	4232215	4083260	4224906	3.27	cps
Indium	115-1	8250076	8456018	8225447	8310514	1.52	cps
Indium	115-2	1151072	1156124	1118888	1142028	1.77	cps
Iron	54-2	376044	377652	373377	375691	0.57	cps
Iron	56-2	6842621	7065881	7101769	7003424	2.00	cps
Iron	57-2	170774	168203	168176	169051	0.88	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-19DLX5	Instrumnet Name :	P8
Client Sample ID :	MH1G77S	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 21:41:48	DataFile Name :	174AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1040	1140	1110	1097	4.68	cps
Lead	206-1	19807418	19603418	20205682	19872173	1.54	cps
Lead	207-1	16975457	16796639	17084248	16952115	0.86	cps
Lead	208-1	79335714	78562333	78678466	78858838	0.53	cps
Lithium	6-1	2865423	2781841	2841437	2829567	1.52	cps
Magnesium	24-2	249817	249751	251851	250473	0.48	cps
Manganese	55-2	798403	821171	815730	811768	1.46	cps
Molybdenum	94-1	4367	4192	3942	4167	5.13	cps
Molybdenum	95-1	3592	3367	3509	3489	3.26	cps
Molybdenum	96-1	4259	4101	3909	4090	4.29	cps
Molybdenum	97-1	2125	2117	2209	2150	2.36	cps
Molybdenum	98-1	5568	5251	5401	5407	2.93	cps
Neodymium	150-1	3047	2654	2907	2869	6.95	cps
Neodymium	150-2	817	960	907	894	8.10	cps
Nickel	60-2	16827	17397	17414	17213	1.94	cps
Phosphorus	31-2	1083	983	992	1020	5.44	cps
Potassium	39-2	23470	23211	22618	23100	1.89	cps
Rhodium	103-1	7996662	7997740	8059203	8017868	0.45	cps
Rhodium	103-2	3540887	3573338	3549394	3554540	0.47	cps
Scandium	45-1	6314778	6129351	6008849	6150993	2.51	cps
Scandium	45-2	188297	186460	178706	184488	2.76	cps
Selenium	82-1	687	651	691	677	3.23	cps
Selenium	77-2	27	30	37	31	16.37	cps
Selenium	78-2	99	95	105	100	5.05	cps
Silicon	28-1	2653981	2515865	2532711	2567519	2.93	cps
Silver	107-1	250828	248988	248589	249468	0.48	cps
Silver	109-1	238949	240816	243728	241164	1.00	cps
Sodium	23-2	67072	68411	67315	67599	1.06	cps
Strontium	86-1	22894	22652	23211	22919	1.22	cps
Strontium	88-1	178250	179837	184820	180969	1.89	cps
Sulfur	34-1	475930	474187	473874	474663	0.23	cps
Terbium	159-1	9643698	9695158	9719637	9686164	0.40	cps
Terbium	159-2	4139103	4221787	4112113	4157667	1.37	cps
Thallium	203-1	10354	9671	10738	10254	5.27	cps
Thallium	205-1	23956	24599	24916	24490	2.00	cps
Tin	118-1	8203	8945	8186	8445	5.13	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-19DLX5	Instrumnet Name :	P8
Client Sample ID :	MH1G77S	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 21:41:48	DataFile Name :	174AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	23854	24664	24321	24280	1.67	cps
Uranium	238-1	8828	9187	8753	8923	2.60	cps
Vanadium	51-2	30690	30396	30459	30515	0.51	cps
Ytterbium	172-1	567	500	458	508	10.75	cps
Ytterbium	172-2	272	222	306	267	15.73	cps
Ytterbium	176-1	1433	1242	1283	1320	7.64	cps
Ytterbium	176-2	5368	5618	5396	5461	2.51	cps
Yttrium	89-1	15538516	15442679	15422893	15468029	0.40	cps
Yttrium	89-2	1539808	1508734	1495085	1514542	1.51	cps
Zinc	66-2	4567646	4454823	4482024	4501498	1.31	cps
Zirconium	90-1	5626	5860	5851	5779	2.29	cps
Zirconium	91-1	1408	1358	1258	1342	5.69	cps

LB Number : LB117862 Operator : Jaswal
 Lab Sample ID : CCV070 Instrumnet Name : P8
 Client Sample ID : CCV070 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-16 21:44:43 DataFile Name : 175CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1989966	1939183	1991325	1973491	1.51	cps
Antimony	121-1	2444597	2467594	2456796	2456329	0.47	cps
Arsenic	75-2	66271	66024	65019	65771	1.01	cps
Barium	135-1	3325546	3337446	3236846	3299946	1.67	cps
Barium	137-1	7459957	7562909	7465148	7496005	0.77	cps
Beryllium	9-1	644550	652202	625627	640793	2.13	cps
Bismuth	209-1	5218528	5339392	5185556	5247826	1.54	cps
Bismuth	209-2	2852612	2778419	2826889	2819307	1.34	cps
Boron	10-1	58017	61318	63410	60915	4.46	cps
Boron	11-1	276823	293145	312674	294214	6.10	cps
Bromine	81-1	19654	18712	19975	19447	3.38	cps
Cadmium	111-1	571054	583071	575529	576552	1.05	cps
Cadmium	106-1	66210	70062	66596	67622	3.14	cps
Cadmium	108-1	45099	45471	46244	45605	1.28	cps
Calcium	43-1	4713028	4691813	4672651	4692497	0.43	cps
Calcium	44-1	76925089	75614503	75957590	76165728	0.89	cps
Carbon	12-1	4889572	5265571	5615206	5256783	6.90	cps
Carbon	12-2	64995	66149	65480	65541	0.88	cps
Chlorine	35-1	4078477	3984198	3816550	3959742	3.35	cps
Chlorine	35-2	21308	21374	20323	21002	2.80	cps
Chromium	52-2	752291	733482	744104	743292	1.27	cps
Cobalt	59-2	1425956	1312918	1308563	1349145	4.93	cps
Copper	63-2	10100263	10070221	10219877	10130120	0.78	cps
Dysprosium	156-1	700	617	667	661	6.34	cps
Dysprosium	156-2	310	267	340	306	12.07	cps
Erbium	164-1	167	192	192	183	7.87	cps
Erbium	164-2	90	63	83	79	17.59	cps
Gadolinium	160-1	625	608	392	542	24.03	cps
Gadolinium	160-2	317	347	397	353	11.44	cps
Holmium	165-1	9662853	9586396	9372290	9540513	1.58	cps
Holmium	165-2	4317535	4272225	4203861	4264540	1.34	cps
Indium	115-1	8003360	8355769	7890008	8083046	3.00	cps
Indium	115-2	1084660	1076238	1085339	1082079	0.47	cps
Iron	54-2	7858844	7783576	7666608	7769676	1.25	cps
Iron	56-2	140930420	139364423	140775523	140356788	0.61	cps
Iron	57-2	3601419	3560033	3585798	3582417	0.58	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	CCV070	Instrumnet Name :	P8
Client Sample ID :	CCV070	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 21:44:43	DataFile Name :	175CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1153	1187	1183	1175	1.56	cps
Lead	206-1	8905774	8830342	9116710	8950942	1.66	cps
Lead	207-1	7862063	7861493	7985099	7902885	0.90	cps
Lead	208-1	35147305	35686178	36143062	35658848	1.40	cps
Lithium	6-1	3007120	2880948	2964969	2951012	2.18	cps
Magnesium	24-2	30241897	29409744	29365288	29672310	1.66	cps
Manganese	55-2	3597456	3648155	3603207	3616273	0.77	cps
Molybdenum	94-1	10491007	10342999	10374334	10402780	0.75	cps
Molybdenum	95-1	15138087	14903695	14951995	14997926	0.83	cps
Molybdenum	96-1	16586009	16770400	16740042	16698817	0.59	cps
Molybdenum	97-1	9322515	9716256	9391723	9476831	2.22	cps
Molybdenum	98-1	24220132	24827450	24141251	24396277	1.54	cps
Neodymium	150-1	493	407	373	424	14.59	cps
Neodymium	150-2	97	113	100	103	8.53	cps
Nickel	60-2	355434	356951	352650	355012	0.61	cps
Phosphorus	31-2	21366	20039	20724	20710	3.20	cps
Potassium	39-2	10492902	10627342	10554446	10558230	0.64	cps
Rhodium	103-1	7334762	7543950	7352750	7410487	1.56	cps
Rhodium	103-2	3371513	3350282	3297896	3339897	1.13	cps
Scandium	45-1	6367562	6350861	6320729	6346384	0.37	cps
Scandium	45-2	185483	181685	181360	182843	1.25	cps
Selenium	82-1	47461	47183	47166	47270	0.35	cps
Selenium	77-2	1253	1310	1283	1282	2.21	cps
Selenium	78-2	4285	4200	4266	4250	1.05	cps
Silicon	28-1	2486985	2530534	2639571	2552363	3.08	cps
Silver	107-1	3138334	3146003	3106221	3130186	0.67	cps
Silver	109-1	3092507	3008544	2987814	3029622	1.83	cps
Sodium	23-2	58697237	57388455	58139439	58075044	1.13	cps
Strontium	86-1	9539502	9616539	9447368	9534470	0.89	cps
Strontium	88-1	82130931	81732460	80474258	81445883	1.06	cps
Sulfur	34-1	672927	660804	653004	662245	1.52	cps
Terbium	159-1	9917244	9926655	10261308	10035069	1.95	cps
Terbium	159-2	4132789	4121894	4181567	4145417	0.77	cps
Thallium	203-1	2198583	2241209	2221854	2220549	0.96	cps
Thallium	205-1	5077264	5148785	5134952	5120334	0.74	cps
Tin	118-1	2189113	2211345	2191486	2197314	0.56	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	CCV070	Instrumnet Name :	P8
Client Sample ID :	CCV070	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 21:44:43	DataFile Name :	175CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4958905	4834467	5062403	4951925	2.30	cps
Uranium	238-1	6588335	6902932	6543494	6678254	2.93	cps
Vanadium	51-2	618285	610146	617205	615212	0.72	cps
Ytterbium	172-1	33	58	75	56	37.75	cps
Ytterbium	172-2	22	17	17	19	17.30	cps
Ytterbium	176-1	10179	10538	10338	10352	1.74	cps
Ytterbium	176-2	9231	9659	9693	9528	2.70	cps
Yttrium	89-1	15372615	15947866	15602199	15640893	1.85	cps
Yttrium	89-2	1487223	1468270	1503972	1486488	1.20	cps
Zinc	66-2	1003764	995215	987273	995417	0.83	cps
Zirconium	90-1	4886341	5015258	5017174	4972925	1.51	cps
Zirconium	91-1	1134529	1126544	1122345	1127806	0.55	cps

LB Number : LB117862 Operator : Jaswal
 Lab Sample ID : CCB070 Instrumnet Name : P8
 Client Sample ID : CCB070 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-16 22:04:45 DataFile Name : 178CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	96	84	77	86	11.12	cps
Antimony	121-1	117	175	208	167	27.84	cps
Arsenic	75-2	3	7	7	6	40.75	cps
Barium	135-1	25	8	33	22	57.29	cps
Barium	137-1	48	38	95	61	49.95	cps
Beryllium	9-1	98	82	112	97	15.43	cps
Bismuth	209-1	5431506	5536421	5575999	5514642	1.35	cps
Bismuth	209-2	3014995	2923396	2863335	2933909	2.60	cps
Boron	10-1	746	632	716	698	8.47	cps
Boron	11-1	3274	3224	3212	3236	1.02	cps
Bromine	81-1	18311	19213	18942	18822	2.46	cps
Cadmium	111-1	374	415	432	407	7.39	cps
Cadmium	106-1	3084	3242	3409	3245	5.01	cps
Cadmium	108-1	17	21	25	21	19.99	cps
Calcium	43-1	230	217	224	224	2.79	cps
Calcium	44-1	17281	17363	17395	17346	0.34	cps
Carbon	12-1	3537394	3473833	3536182	3515803	1.03	cps
Carbon	12-2	38176	38201	36613	37663	2.41	cps
Chlorine	35-1	1110695	1108314	1090990	1103333	0.97	cps
Chlorine	35-2	6185	7152	6427	6588	7.64	cps
Chromium	52-2	567	560	600	576	3.72	cps
Cobalt	59-2	57	47	73	59	22.87	cps
Copper	63-2	600	707	613	640	9.08	cps
Dysprosium	156-1	17	33	8	19	65.47	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	42	92	58	64	39.85	cps
Erbium	164-2	23	30	27	27	12.51	cps
Gadolinium	160-1	42	58	42	47	20.37	cps
Gadolinium	160-2	57	63	47	56	15.09	cps
Holmium	165-1	9284528	9186438	9131342	9200769	0.84	cps
Holmium	165-2	4345926	4187477	4013216	4182206	3.98	cps
Indium	115-1	8162613	8276696	7822254	8087187	2.92	cps
Indium	115-2	1132016	1133927	1090148	1118697	2.21	cps
Iron	54-2	317	344	406	356	12.79	cps
Iron	56-2	2800	2706	2906	2804	3.57	cps
Iron	57-2	111	183	183	159	26.18	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	CCB070	Instrumnet Name :	P8
Client Sample ID :	CCB070	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 22:04:45	DataFile Name :	178CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1180	1143	1247	1190	4.40	cps
Lead	206-1	2006	1589	1922	1839	11.99	cps
Lead	207-1	1672	1700	1689	1687	0.83	cps
Lead	208-1	7829	7029	7629	7495	5.56	cps
Lithium	6-1	2865308	2928264	2814675	2869416	1.98	cps
Magnesium	24-2	408	425	550	461	16.79	cps
Manganese	55-2	87	93	70	83	14.42	cps
Molybdenum	94-1	325	283	242	283	14.70	cps
Molybdenum	95-1	92	67	42	67	37.50	cps
Molybdenum	96-1	333	167	225	242	35.00	cps
Molybdenum	97-1	42	8	33	28	62.46	cps
Molybdenum	98-1	67	108	83	86	24.35	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	57	43	60	53	16.54	cps
Phosphorus	31-2	75	42	83	67	33.07	cps
Potassium	39-2	15208	15375	14624	15069	2.62	cps
Rhodium	103-1	7752934	7805102	7609281	7722439	1.31	cps
Rhodium	103-2	3509995	3422481	3413817	3448764	1.54	cps
Scandium	45-1	5883295	6188634	6019628	6030519	2.54	cps
Scandium	45-2	180981	179469	178232	179561	0.77	cps
Selenium	82-1	-88	-53	-189	-110	-64.11	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	45	55	40	47	16.38	cps
Silicon	28-1	522924	528883	525560	525789	0.57	cps
Silver	107-1	250	267	283	267	6.25	cps
Silver	109-1	208	267	208	228	14.79	cps
Sodium	23-2	16143	15851	15717	15903	1.37	cps
Strontium	86-1	1775	1658	1708	1714	3.41	cps
Strontium	88-1	150	283	217	217	30.77	cps
Sulfur	34-1	353738	357776	358432	356648	0.71	cps
Terbium	159-1	9762557	10030989	9569446	9787664	2.37	cps
Terbium	159-2	3972402	4087386	4033443	4031077	1.43	cps
Thallium	203-1	442	575	458	492	14.78	cps
Thallium	205-1	1133	1117	1258	1170	6.62	cps
Tin	118-1	4251	4226	4359	4279	1.66	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	CCB070	Instrumnet Name :	P8
Client Sample ID :	CCB070	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 22:04:45	DataFile Name :	178CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	133	242	192	189	28.71	cps
Uranium	238-1	0	0	8	3	173.21	cps
Vanadium	51-2	3	7	13	8	65.47	cps
Ytterbium	172-1	0	42	17	19	107.85	cps
Ytterbium	172-2	6	6	0	4	86.60	cps
Ytterbium	176-1	933	767	842	847	9.85	cps
Ytterbium	176-2	5251	5496	5312	5353	2.38	cps
Yttrium	89-1	14903496	15176830	15298274	15126200	1.34	cps
Yttrium	89-2	1495939	1515098	1458853	1489963	1.92	cps
Zinc	66-2	330	297	277	301	8.95	cps
Zirconium	90-1	750	792	817	786	4.28	cps
Zirconium	91-1	133	133	142	136	3.53	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-16DL2X25	Instrumnet Name :	P8
Client Sample ID :	MH1G77	Dilution Factor :	25
Date & Time Acquired ::	2021-12-16 22:09:24	DataFile Name :	179AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9351	9282	9127	9253	1.24	cps
Antimony	121-1	263985	258523	269119	263876	2.01	cps
Arsenic	75-2	7903	7877	7579	7786	2.31	cps
Barium	135-1	7719	8111	7452	7761	4.27	cps
Barium	137-1	18172	18107	17837	18038	0.99	cps
Beryllium	9-1	122	126	134	127	4.80	cps
Bismuth	209-1	5551490	5638386	5757080	5648985	1.83	cps
Bismuth	209-2	3031670	3002242	2940032	2991315	1.56	cps
Boron	10-1	576	684	686	649	9.70	cps
Boron	11-1	3366	3236	3248	3283	2.19	cps
Bromine	81-1	19885	18993	18862	19247	2.89	cps
Cadmium	111-1	34039	33127	32844	33337	1.87	cps
Cadmium	106-1	6660	6277	6327	6421	3.25	cps
Cadmium	108-1	2409	2525	2438	2457	2.47	cps
Calcium	43-1	34285	34448	33997	34243	0.67	cps
Calcium	44-1	563820	566623	569787	566743	0.53	cps
Carbon	12-1	3761307	3647069	3823941	3744105	2.40	cps
Carbon	12-2	40582	38134	40156	39624	3.30	cps
Chlorine	35-1	1505291	1600222	1666916	1590810	5.11	cps
Chlorine	35-2	11230	11930	12247	11802	4.41	cps
Chromium	52-2	1737	1753	1817	1769	2.39	cps
Cobalt	59-2	1090	1033	950	1024	6.87	cps
Copper	63-2	258981	254999	256871	256950	0.78	cps
Dysprosium	156-1	342	425	358	375	11.76	cps
Dysprosium	156-2	203	160	213	192	14.75	cps
Erbium	164-1	475	383	383	414	12.79	cps
Erbium	164-2	203	163	153	173	15.26	cps
Gadolinium	160-1	442	333	358	378	15.02	cps
Gadolinium	160-2	220	223	300	248	18.27	cps
Holmium	165-1	9079611	9645633	10004423	9576556	4.87	cps
Holmium	165-2	4195660	4274053	4100660	4190124	2.07	cps
Indium	115-1	8185613	8343497	8259327	8262812	0.96	cps
Indium	115-2	1130370	1140048	1128891	1133103	0.53	cps
Iron	54-2	107748	102657	105063	105156	2.42	cps
Iron	56-2	2030909	2014585	2023377	2022957	0.40	cps
Iron	57-2	48511	48182	48784	48492	0.62	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-16DL2X25	Instrumnet Name :	P8
Client Sample ID :	MH1G77	Dilution Factor :	25
Date & Time Acquired ::	2021-12-16 22:09:24	DataFile Name :	179AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1097	1280	1067	1148	10.06	cps
Lead	206-1	5300514	5388684	5387074	5358758	0.94	cps
Lead	207-1	4692898	4681482	4723745	4699375	0.47	cps
Lead	208-1	21520331	21442376	21773695	21578801	0.80	cps
Lithium	6-1	2986295	2959011	2982987	2976098	0.50	cps
Magnesium	24-2	55582	59824	56770	57392	3.81	cps
Manganese	55-2	194491	193744	185732	191323	2.54	cps
Molybdenum	94-1	1583	1350	1383	1439	8.77	cps
Molybdenum	95-1	1075	1150	1058	1095	4.46	cps
Molybdenum	96-1	1575	1658	1592	1608	2.74	cps
Molybdenum	97-1	683	675	800	719	9.71	cps
Molybdenum	98-1	1834	1750	1875	1820	3.50	cps
Neodymium	150-1	673	620	547	613	10.37	cps
Neodymium	150-2	237	190	133	187	27.72	cps
Nickel	60-2	363	413	400	392	6.60	cps
Phosphorus	31-2	267	258	300	275	8.02	cps
Potassium	39-2	16026	16568	17478	16691	4.39	cps
Rhodium	103-1	7813643	8025639	7959794	7933025	1.37	cps
Rhodium	103-2	3561838	3544371	3498793	3535001	0.92	cps
Scandium	45-1	6038954	6174178	6062434	6091855	1.19	cps
Scandium	45-2	182226	182859	179969	181685	0.84	cps
Selenium	82-1	93	-184	131	13	1290.99	cps
Selenium	77-2	3	7	7	6	34.70	cps
Selenium	78-2	53	54	33	47	25.39	cps
Silicon	28-1	1118159	1120590	1106725	1115158	0.66	cps
Silver	107-1	54350	55413	55178	54980	1.02	cps
Silver	109-1	50619	51606	52342	51522	1.68	cps
Sodium	23-2	30758	28161	28996	29305	4.52	cps
Strontium	86-1	7919	7344	7502	7588	3.92	cps
Strontium	88-1	49798	51630	51563	50997	2.04	cps
Sulfur	34-1	391770	383406	380520	385232	1.52	cps
Terbium	159-1	9966927	10208252	9774959	9983380	2.17	cps
Terbium	159-2	4126566	4169450	4054648	4116888	1.41	cps
Thallium	203-1	842	817	983	881	10.21	cps
Thallium	205-1	1909	1750	1792	1817	4.52	cps
Tin	118-1	4993	4884	5309	5062	4.36	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-16DL2X25	Instrumnet Name :	P8
Client Sample ID :	MH1G77	Dilution Factor :	25
Date & Time Acquired ::	2021-12-16 22:09:24	DataFile Name :	179AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5935	5701	6177	5938	4.00	cps
Uranium	238-1	2167	2384	2125	2225	6.23	cps
Vanadium	51-2	1273	1243	1243	1253	1.38	cps
Ytterbium	172-1	133	158	108	133	18.75	cps
Ytterbium	172-2	94	56	94	81	27.55	cps
Ytterbium	176-1	858	967	1033	953	9.27	cps
Ytterbium	176-2	5001	5735	5390	5375	6.83	cps
Yttrium	89-1	15558894	15754498	15287880	15533757	1.51	cps
Yttrium	89-2	1506437	1519967	1509669	1512025	0.47	cps
Zinc	66-2	1202822	1201279	1171076	1191725	1.50	cps
Zirconium	90-1	2200	2175	2092	2156	2.63	cps
Zirconium	91-1	450	458	542	483	10.49	cps

LB Number : LB117862 Operator : Jaswal
 Lab Sample ID : M5043-18DL2X25 Instrumnet Name : P8
 Client Sample ID : MH1G77D Dilution Factor : 25
 Date & Time Acquired :: 2021-12-16 22:12:25 DataFile Name : 180AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8490	8558	8629	8559	0.81	cps
Antimony	121-1	243632	242671	236622	240975	1.58	cps
Arsenic	75-2	7181	7264	7196	7213	0.61	cps
Barium	135-1	6685	6660	6819	6721	1.27	cps
Barium	137-1	16175	16569	16439	16394	1.22	cps
Beryllium	9-1	156	146	110	137	17.62	cps
Bismuth	209-1	5506440	5623962	5687325	5605909	1.64	cps
Bismuth	209-2	2968456	2770593	2921898	2886983	3.58	cps
Boron	10-1	670	634	724	676	6.70	cps
Boron	11-1	2942	3128	3204	3091	4.36	cps
Bromine	81-1	20476	18612	20125	19738	5.02	cps
Cadmium	111-1	29811	29738	30588	30046	1.57	cps
Cadmium	106-1	6293	6285	6652	6410	3.27	cps
Cadmium	108-1	2242	2088	2038	2122	5.01	cps
Calcium	43-1	30498	30182	30393	30358	0.53	cps
Calcium	44-1	502198	504139	511175	505838	0.93	cps
Carbon	12-1	3772158	3903347	3844472	3839992	1.71	cps
Carbon	12-2	40849	40515	40498	40621	0.49	cps
Chlorine	35-1	1718173	1772251	1856011	1782145	3.90	cps
Chlorine	35-2	12105	12189	13090	12461	4.38	cps
Chromium	52-2	1850	1673	1677	1733	5.83	cps
Cobalt	59-2	1110	1050	1193	1118	6.44	cps
Copper	63-2	234451	238821	231633	234969	1.54	cps
Dysprosium	156-1	417	450	308	392	18.91	cps
Dysprosium	156-2	147	173	170	163	8.90	cps
Erbium	164-1	400	475	325	400	18.75	cps
Erbium	164-2	177	157	170	168	6.07	cps
Gadolinium	160-1	458	308	433	400	20.09	cps
Gadolinium	160-2	223	210	200	211	5.55	cps
Holmium	165-1	9216446	9347094	9268792	9277444	0.71	cps
Holmium	165-2	4240897	3902349	4318995	4154080	5.33	cps
Indium	115-1	8181256	8288390	8186973	8218873	0.73	cps
Indium	115-2	1125303	1058446	1139992	1107914	3.92	cps
Iron	54-2	97816	99338	98678	98611	0.77	cps
Iron	56-2	1871769	1847519	1830356	1849881	1.12	cps
Iron	57-2	45367	44899	43411	44559	2.29	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-18DL2X25	Instrumnet Name :	P8
Client Sample ID :	MH1G77D	Dilution Factor :	25
Date & Time Acquired ::	2021-12-16 22:12:25	DataFile Name :	180AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1100	1123	1143	1122	1.93	cps
Lead	206-1	4851558	5120181	5166084	5045941	3.37	cps
Lead	207-1	4381534	4396486	4561098	4446373	2.24	cps
Lead	208-1	19851025	19951278	20513269	20105191	1.78	cps
Lithium	6-1	2746231	2921044	2907533	2858269	3.40	cps
Magnesium	24-2	57204	57983	57406	57531	0.70	cps
Manganese	55-2	173674	180194	178017	177295	1.87	cps
Molybdenum	94-1	1267	1158	1267	1231	5.08	cps
Molybdenum	95-1	908	992	1042	981	6.87	cps
Molybdenum	96-1	1142	1467	1375	1328	12.62	cps
Molybdenum	97-1	658	675	683	672	1.89	cps
Molybdenum	98-1	1833	1700	1675	1736	4.90	cps
Neodymium	150-1	693	540	573	602	13.39	cps
Neodymium	150-2	187	237	163	196	19.16	cps
Nickel	60-2	410	400	413	408	1.70	cps
Phosphorus	31-2	233	283	300	272	12.75	cps
Potassium	39-2	16293	15934	16660	16296	2.23	cps
Rhodium	103-1	7590146	7760499	7561717	7637454	1.41	cps
Rhodium	103-2	3694860	3335545	3524190	3518198	5.11	cps
Scandium	45-1	6126614	5950619	6092117	6056450	1.54	cps
Scandium	45-2	180276	174776	185273	180108	2.92	cps
Selenium	82-1	70	30	54	51	39.23	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	49	61	39	50	22.18	cps
Silicon	28-1	1073895	1055595	1077488	1068993	1.10	cps
Silver	107-1	48436	49298	50242	49325	1.83	cps
Silver	109-1	47190	47734	48444	47789	1.32	cps
Sodium	23-2	28604	27727	28954	28428	2.22	cps
Strontium	86-1	6627	7060	6927	6871	3.23	cps
Strontium	88-1	42975	44931	44505	44137	2.33	cps
Sulfur	34-1	389451	384522	391694	388555	0.94	cps
Terbium	159-1	9653181	9772620	10005078	9810293	1.82	cps
Terbium	159-2	4171421	3991654	3995359	4052811	2.53	cps
Thallium	203-1	817	892	758	822	8.13	cps
Thallium	205-1	1642	1750	1992	1795	9.99	cps
Tin	118-1	4876	4718	4718	4770	1.92	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-18DL2X25	Instrumnet Name :	P8
Client Sample ID :	MH1G77D	Dilution Factor :	25
Date & Time Acquired ::	2021-12-16 22:12:25	DataFile Name :	180AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5068	4918	4843	4943	2.32	cps
Uranium	238-1	2067	2000	2075	2047	2.01	cps
Vanadium	51-2	1063	1203	1137	1135	6.17	cps
Ytterbium	172-1	42	125	117	94	48.59	cps
Ytterbium	172-2	94	56	44	65	40.50	cps
Ytterbium	176-1	975	1083	917	992	8.53	cps
Ytterbium	176-2	5246	5112	5640	5333	5.15	cps
Yttrium	89-1	15151304	15624896	14859156	15211785	2.54	cps
Yttrium	89-2	1527668	1404133	1497281	1476361	4.36	cps
Zinc	66-2	1081443	1079994	1107186	1089541	1.40	cps
Zirconium	90-1	1867	1767	1825	1820	2.76	cps
Zirconium	91-1	417	483	350	417	16.00	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-16LDL2X125	Instrumnet Name :	P8
Client Sample ID :	MH1G77L	Dilution Factor :	125
Date & Time Acquired ::	2021-12-16 22:15:28	DataFile Name :	181AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1927	1820	1900	1882	2.97	cps
Antimony	121-1	50495	50277	51548	50773	1.34	cps
Arsenic	75-2	1422	1585	1476	1495	5.56	cps
Barium	135-1	1500	1725	1542	1589	7.53	cps
Barium	137-1	3750	3619	3650	3673	1.87	cps
Beryllium	9-1	104	98	180	127	35.90	cps
Bismuth	209-1	5470595	5574045	5505619	5516753	0.95	cps
Bismuth	209-2	2954579	2963233	2921977	2946596	0.74	cps
Boron	10-1	518	494	510	507	2.41	cps
Boron	11-1	2454	2418	2418	2430	0.86	cps
Bromine	81-1	19404	19213	19474	19363	0.70	cps
Cadmium	111-1	6873	6591	6799	6754	2.16	cps
Cadmium	106-1	4042	3942	4151	4045	2.58	cps
Cadmium	108-1	513	525	450	496	8.10	cps
Calcium	43-1	6957	6920	6747	6875	1.63	cps
Calcium	44-1	122863	124868	122702	123478	0.98	cps
Carbon	12-1	4209766	4301659	4123827	4211750	2.11	cps
Carbon	12-2	47352	46015	44535	45967	3.07	cps
Chlorine	35-1	1450205	1417806	1414617	1427542	1.38	cps
Chlorine	35-2	8411	8536	8269	8405	1.59	cps
Chromium	52-2	777	780	853	803	5.39	cps
Cobalt	59-2	270	283	243	266	7.67	cps
Copper	63-2	48105	50553	49868	49509	2.55	cps
Dysprosium	156-1	75	67	83	75	11.11	cps
Dysprosium	156-2	33	37	40	37	9.10	cps
Erbium	164-1	100	167	133	133	25.00	cps
Erbium	164-2	33	50	47	43	20.36	cps
Gadolinium	160-1	142	100	117	119	17.56	cps
Gadolinium	160-2	130	97	133	120	16.90	cps
Holmium	165-1	9157534	9396166	9171769	9241823	1.45	cps
Holmium	165-2	4170742	4153618	3985564	4103308	2.49	cps
Indium	115-1	8232006	8085282	7938184	8085157	1.82	cps
Indium	115-2	1125449	1118585	1090032	1111355	1.69	cps
Iron	54-2	20537	20943	20721	20734	0.98	cps
Iron	56-2	376244	376556	371214	374671	0.80	cps
Iron	57-2	9731	9576	9287	9531	2.37	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-16LDL2X125	Instrumnet Name :	P8
Client Sample ID :	MH1G77L	Dilution Factor :	125
Date & Time Acquired ::	2021-12-16 22:15:28	DataFile Name :	181AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1153	983	1137	1091	8.59	cps
Lead	206-1	989096	964561	949358	967672	2.07	cps
Lead	207-1	845924	850769	840104	845599	0.63	cps
Lead	208-1	4050635	4108932	4052213	4070593	0.82	cps
Lithium	6-1	2967128	3017366	2833142	2939212	3.24	cps
Magnesium	24-2	10846	11088	11705	11213	3.95	cps
Manganese	55-2	35447	36480	37158	36362	2.37	cps
Molybdenum	94-1	533	508	458	500	7.64	cps
Molybdenum	95-1	200	225	275	233	16.37	cps
Molybdenum	96-1	583	408	500	497	17.60	cps
Molybdenum	97-1	167	233	125	175	31.23	cps
Molybdenum	98-1	458	383	425	422	8.90	cps
Neodymium	150-1	173	167	93	144	30.73	cps
Neodymium	150-2	37	37	20	31	30.93	cps
Nickel	60-2	120	117	100	112	9.55	cps
Phosphorus	31-2	108	150	158	139	19.29	cps
Potassium	39-2	15217	15333	16034	15528	2.85	cps
Rhodium	103-1	7859787	7600073	7764384	7741415	1.70	cps
Rhodium	103-2	3507545	3430602	3555187	3497778	1.80	cps
Scandium	45-1	6092370	5909582	5958436	5986796	1.58	cps
Scandium	45-2	178947	176279	179481	178236	0.96	cps
Selenium	82-1	11	177	-57	44	273.61	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	49	34	37	40	19.86	cps
Silicon	28-1	683351	681175	681561	682029	0.17	cps
Silver	107-1	10037	10663	10513	10404	3.14	cps
Silver	109-1	9929	10037	10096	10021	0.85	cps
Sodium	23-2	18003	17528	17770	17767	1.34	cps
Strontium	86-1	2767	2825	2917	2836	2.67	cps
Strontium	88-1	9387	9754	9845	9662	2.51	cps
Sulfur	34-1	364084	358815	360732	361210	0.74	cps
Terbium	159-1	9734034	9790226	9715376	9746545	0.40	cps
Terbium	159-2	4081547	4006636	3934792	4007658	1.83	cps
Thallium	203-1	458	583	450	497	15.02	cps
Thallium	205-1	1258	1108	1092	1153	7.96	cps
Tin	118-1	4459	4859	4059	4459	8.97	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-16LDL2X125	Instrumnet Name :	P8
Client Sample ID :	MH1G77L	Dilution Factor :	125
Date & Time Acquired ::	2021-12-16 22:15:28	DataFile Name :	181AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1125	1300	1325	1250	8.72	cps
Uranium	238-1	475	517	475	489	4.92	cps
Vanadium	51-2	210	240	233	228	6.92	cps
Ytterbium	172-1	42	33	75	50	44.10	cps
Ytterbium	172-2	6	11	22	13	65.44	cps
Ytterbium	176-1	858	908	1008	925	8.26	cps
Ytterbium	176-2	5279	5668	5162	5370	4.93	cps
Yttrium	89-1	15482086	15207289	15261679	15317018	0.95	cps
Yttrium	89-2	1499847	1455146	1459013	1471336	1.68	cps
Zinc	66-2	233120	233651	231177	232650	0.56	cps
Zirconium	90-1	825	858	1025	903	11.87	cps
Zirconium	91-1	217	225	217	219	2.19	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-19DL2X25	Instrumnet Name :	P8
Client Sample ID :	MH1G77S	Dilution Factor :	25
Date & Time Acquired ::	2021-12-16 22:18:31	DataFile Name :	182AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7874	8089	7847	7937	1.67	cps
Antimony	121-1	217454	212333	217220	215669	1.34	cps
Arsenic	75-2	5441	5526	5427	5464	0.98	cps
Barium	135-1	25158	25433	25967	25519	1.61	cps
Barium	137-1	60054	59767	61334	60385	1.38	cps
Beryllium	9-1	614	654	686	651	5.54	cps
Bismuth	209-1	4904700	5331789	5522662	5253051	6.02	cps
Bismuth	209-2	2981111	2970822	3053136	3001690	1.49	cps
Boron	10-1	558	536	610	568	6.69	cps
Boron	11-1	2354	2372	2540	2422	4.24	cps
Bromine	81-1	18993	18892	19514	19133	1.74	cps
Cadmium	111-1	25443	25765	24795	25335	1.95	cps
Cadmium	106-1	5443	5593	5876	5637	3.91	cps
Cadmium	108-1	1913	1988	1800	1900	4.97	cps
Calcium	43-1	24244	23601	23908	23918	1.34	cps
Calcium	44-1	403600	395930	394788	398106	1.20	cps
Carbon	12-1	4000471	4010142	3886648	3965754	1.73	cps
Carbon	12-2	42421	44026	43073	43173	1.87	cps
Chlorine	35-1	1693122	1812464	1775997	1760527	3.47	cps
Chlorine	35-2	11939	11697	12756	12130	4.58	cps
Chromium	52-2	3801	3907	4021	3909	2.82	cps
Cobalt	59-2	12165	11895	11481	11847	2.91	cps
Copper	63-2	194557	189491	188307	190785	1.74	cps
Dysprosium	156-1	333	325	383	347	9.09	cps
Dysprosium	156-2	157	150	160	156	3.27	cps
Erbium	164-1	450	317	400	389	17.32	cps
Erbium	164-2	133	163	137	144	11.38	cps
Gadolinium	160-1	342	350	333	342	2.44	cps
Gadolinium	160-2	250	183	253	229	17.25	cps
Holmium	165-1	8439339	9100720	9240394	8926817	4.79	cps
Holmium	165-2	4109065	4334991	4173457	4205837	2.77	cps
Indium	115-1	7474511	7903186	8354033	7910577	5.56	cps
Indium	115-2	1123367	1137449	1136294	1132370	0.69	cps
Iron	54-2	72936	72679	70831	72148	1.59	cps
Iron	56-2	1368891	1317389	1350299	1345526	1.94	cps
Iron	57-2	33696	32905	33991	33530	1.67	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-19DL2X25	Instrumnet Name :	P8
Client Sample ID :	MH1G77S	Dilution Factor :	25
Date & Time Acquired ::	2021-12-16 22:18:31	DataFile Name :	182AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1077	1190	1080	1116	5.78	cps
Lead	206-1	4138968	4084798	4082851	4102205	0.78	cps
Lead	207-1	3608733	3504205	3567335	3560091	1.48	cps
Lead	208-1	16333768	16214832	16138374	16228991	0.61	cps
Lithium	6-1	2534192	2835197	2819245	2729545	6.20	cps
Magnesium	24-2	47997	49326	48181	48501	1.49	cps
Manganese	55-2	163362	160356	158554	160757	1.51	cps
Molybdenum	94-1	1175	992	850	1006	16.20	cps
Molybdenum	95-1	625	683	725	678	7.41	cps
Molybdenum	96-1	1042	1158	1083	1095	5.40	cps
Molybdenum	97-1	583	475	433	497	15.57	cps
Molybdenum	98-1	908	1225	1017	1050	15.33	cps
Neodymium	150-1	613	593	480	562	12.79	cps
Neodymium	150-2	167	197	163	176	10.46	cps
Nickel	60-2	3374	3524	3154	3350	5.56	cps
Phosphorus	31-2	333	225	292	283	19.29	cps
Potassium	39-2	15984	17494	17119	16866	4.66	cps
Rhodium	103-1	6828427	7481683	7756853	7355654	6.48	cps
Rhodium	103-2	3503239	3625969	3480765	3536658	2.21	cps
Scandium	45-1	5415574	5900389	6283916	5866626	7.42	cps
Scandium	45-2	182429	184249	181877	182852	0.68	cps
Selenium	82-1	207	43	186	145	61.56	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	40	54	80	58	35.00	cps
Silicon	28-1	895267	915371	942164	917601	2.56	cps
Silver	107-1	47834	49439	50058	49111	2.34	cps
Silver	109-1	46003	46873	47516	46797	1.62	cps
Sodium	23-2	24972	24939	24721	24877	0.55	cps
Strontium	86-1	5843	6001	6043	5963	1.77	cps
Strontium	88-1	36549	36390	36549	36496	0.25	cps
Sulfur	34-1	380133	383065	378738	380645	0.58	cps
Terbium	159-1	8615587	9443733	9804751	9288024	6.56	cps
Terbium	159-2	4134358	4119376	4143227	4132320	0.29	cps
Thallium	203-1	2450	2634	2484	2523	3.87	cps
Thallium	205-1	6193	5860	6360	6138	4.15	cps
Tin	118-1	4901	4868	5009	4926	1.50	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-19DL2X25	Instrumnet Name :	P8
Client Sample ID :	MH1G77S	Dilution Factor :	25
Date & Time Acquired ::	2021-12-16 22:18:31	DataFile Name :	182AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4876	4476	5251	4868	7.97	cps
Uranium	238-1	1859	1775	2042	1892	7.21	cps
Vanadium	51-2	5968	5861	6095	5975	1.96	cps
Ytterbium	172-1	75	67	100	81	21.53	cps
Ytterbium	172-2	44	44	67	52	24.74	cps
Ytterbium	176-1	958	983	992	978	1.77	cps
Ytterbium	176-2	5507	5646	5813	5655	2.71	cps
Yttrium	89-1	13643474	14637104	15431380	14570653	6.15	cps
Yttrium	89-2	1509609	1518138	1477239	1501662	1.44	cps
Zinc	66-2	870895	858638	868531	866021	0.75	cps
Zirconium	90-1	1692	1733	1725	1717	1.28	cps
Zirconium	91-1	317	408	475	400	19.87	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-12DLX2	Instrumnet Name :	P8
Client Sample ID :	MH1G73	Dilution Factor :	2
Date & Time Acquired ::	2021-12-16 22:21:34	DataFile Name :	183AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	36784	36259	35357	36134	2.00	cps
Antimony	121-1	1916676	2010430	1978914	1968673	2.42	cps
Arsenic	75-2	79833	79540	78870	79414	0.62	cps
Barium	135-1	35873	34679	35105	35219	1.72	cps
Barium	137-1	82320	82566	85058	83315	1.82	cps
Beryllium	9-1	236	252	268	252	6.35	cps
Bismuth	209-1	5576292	5598534	5515938	5563588	0.77	cps
Bismuth	209-2	3007051	3067407	2945000	3006486	2.04	cps
Boron	10-1	642	736	720	699	7.19	cps
Boron	11-1	3226	3306	3392	3308	2.51	cps
Bromine	81-1	19825	20406	20356	20196	1.60	cps
Cadmium	111-1	1014368	1024031	1016139	1018179	0.51	cps
Cadmium	106-1	100063	102053	101643	101253	1.04	cps
Cadmium	108-1	71171	71803	72524	71833	0.94	cps
Calcium	43-1	824670	831216	837277	831054	0.76	cps
Calcium	44-1	13226950	13812251	12992104	13343769	3.17	cps
Carbon	12-1	3978516	3770458	3711541	3820172	3.67	cps
Carbon	12-2	42153	41384	39838	41125	2.87	cps
Chlorine	35-1	7348379	9141910	10595437	9028576	18.01	cps
Chlorine	35-2	83667	90573	94709	89650	6.22	cps
Chromium	52-2	38241	37991	37085	37772	1.61	cps
Cobalt	59-2	26291	26408	25410	26036	2.10	cps
Copper	63-2	1835721	1757556	1778727	1790668	2.26	cps
Dysprosium	156-1	6835	6410	6393	6546	3.83	cps
Dysprosium	156-2	2997	2847	2870	2905	2.78	cps
Erbium	164-1	6252	6318	6193	6254	1.00	cps
Erbium	164-2	2410	2600	2430	2480	4.21	cps
Gadolinium	160-1	6860	5952	6710	6507	7.49	cps
Gadolinium	160-2	3344	3250	3144	3246	3.08	cps
Holmium	165-1	9495124	9628829	9613943	9579299	0.76	cps
Holmium	165-2	4219008	4282384	4219082	4240158	0.86	cps
Indium	115-1	8084157	8266577	8385563	8245432	1.84	cps
Indium	115-2	1152325	1151462	1139009	1147599	0.65	cps
Iron	54-2	2871014	2978457	2874344	2907938	2.10	cps
Iron	56-2	53481771	52944355	50961453	52462526	2.53	cps
Iron	57-2	1377387	1283422	1281618	1314142	4.17	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-12DLX2	Instrumnet Name :	P8
Client Sample ID :	MH1G73	Dilution Factor :	2
Date & Time Acquired ::	2021-12-16 22:21:34	DataFile Name :	183AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1217	1263	1203	1228	2.57	cps
Lead	206-1	65682601	64855889	64270713	64936401	1.09	cps
Lead	207-1	55159736	55108947	54745475	55004719	0.41	cps
Lead	208-1	254152829	257745561	252014585	254637658	1.14	cps
Lithium	6-1	3089847	2868887	2955349	2971361	3.75	cps
Magnesium	24-2	1966931	1928424	1908605	1934653	1.53	cps
Manganese	55-2	1914620	1986461	1946249	1949110	1.85	cps
Molybdenum	94-1	9562	11081	10187	10277	7.43	cps
Molybdenum	95-1	6944	6935	6927	6935	0.12	cps
Molybdenum	96-1	9437	9745	9687	9623	1.70	cps
Molybdenum	97-1	3842	4242	4059	4048	4.95	cps
Molybdenum	98-1	9962	10079	10296	10112	1.67	cps
Neodymium	150-1	10358	10771	11011	10713	3.09	cps
Neodymium	150-2	3564	3384	3314	3420	3.77	cps
Nickel	60-2	5578	5411	5544	5511	1.60	cps
Phosphorus	31-2	9687	9954	10304	9981	3.10	cps
Potassium	39-2	56051	54153	54303	54836	1.92	cps
Rhodium	103-1	7673362	8067623	7949405	7896797	2.56	cps
Rhodium	103-2	3503712	3495450	3545823	3514995	0.77	cps
Scandium	45-1	6206037	6515348	6180325	6300570	2.96	cps
Scandium	45-2	188982	191439	186136	188853	1.41	cps
Selenium	82-1	590	533	570	564	5.09	cps
Selenium	77-2	43	30	23	32	31.61	cps
Selenium	78-2	115	100	117	111	8.40	cps
Silicon	28-1	2072855	1825602	1770639	1889699	8.52	cps
Silver	107-1	450486	436184	451440	446037	1.92	cps
Silver	109-1	425264	438614	431354	431744	1.55	cps
Sodium	23-2	54503	54536	55197	54745	0.72	cps
Strontium	86-1	61803	60122	63002	61642	2.35	cps
Strontium	88-1	512890	517529	526495	518971	1.33	cps
Sulfur	34-1	1716829	1719967	1648615	1695137	2.38	cps
Terbium	159-1	9958224	9995160	9779909	9911098	1.16	cps
Terbium	159-2	4226203	4165198	4062878	4151426	1.99	cps
Thallium	203-1	10346	10196	10580	10374	1.86	cps
Thallium	205-1	24649	26394	26160	25734	3.68	cps
Tin	118-1	20983	22052	21434	21490	2.50	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-12DLX2	Instrumnet Name :	P8
Client Sample ID :	MH1G73	Dilution Factor :	2
Date & Time Acquired ::	2021-12-16 22:21:34	DataFile Name :	183AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	22568	22276	22652	22499	0.88	cps
Uranium	238-1	39546	39780	40106	39810	0.71	cps
Vanadium	51-2	13183	13096	12956	13078	0.88	cps
Ytterbium	172-1	1775	2175	2159	2036	11.11	cps
Ytterbium	172-2	1017	1050	978	1015	3.56	cps
Ytterbium	176-1	2117	2175	2167	2153	1.47	cps
Ytterbium	176-2	5968	6235	6274	6159	2.70	cps
Yttrium	89-1	15699877	16177663	15712673	15863404	1.72	cps
Yttrium	89-2	1517361	1561406	1550115	1542961	1.48	cps
Zinc	66-2	31030008	30613865	29451066	30364980	2.70	cps
Zirconium	90-1	17461	17687	18304	17817	2.45	cps
Zirconium	91-1	4209	4301	4351	4287	1.68	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-17DLX5	Instrumnet Name :	P8
Client Sample ID :	MH1G78	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 22:24:28	DataFile Name :	184AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	86870	88411	87544	87609	0.88	cps
Antimony	121-1	341804	339148	338385	339779	0.53	cps
Arsenic	75-2	23669	23943	23946	23852	0.67	cps
Barium	135-1	40261	41339	41606	41069	1.73	cps
Barium	137-1	93385	95388	96328	95033	1.58	cps
Beryllium	9-1	364	332	328	341	5.78	cps
Bismuth	209-1	5704290	5257227	5251226	5404248	4.81	cps
Bismuth	209-2	2921307	3011604	2994337	2975749	1.61	cps
Boron	10-1	670	754	720	715	5.91	cps
Boron	11-1	3288	3288	3244	3273	0.78	cps
Bromine	81-1	21138	21909	21388	21479	1.83	cps
Cadmium	111-1	38854	38951	40093	39299	1.75	cps
Cadmium	106-1	7894	6585	6935	7138	9.49	cps
Cadmium	108-1	2838	2842	2588	2756	5.28	cps
Calcium	43-1	195274	198264	197226	196922	0.77	cps
Calcium	44-1	3198485	3220569	3173439	3197498	0.74	cps
Carbon	12-1	4505609	4805227	4633318	4648051	3.23	cps
Carbon	12-2	50982	52404	51709	51698	1.38	cps
Chlorine	35-1	7695977	8208890	8417623	8107497	4.58	cps
Chlorine	35-2	58276	59306	61607	59730	2.86	cps
Chromium	52-2	9343	9336	9780	9487	2.68	cps
Cobalt	59-2	30189	30219	31024	30477	1.55	cps
Copper	63-2	375176	364180	371683	370346	1.52	cps
Dysprosium	156-1	4601	4334	4601	4512	3.41	cps
Dysprosium	156-2	1887	2134	2010	2010	6.14	cps
Erbium	164-1	3534	3609	3451	3531	2.24	cps
Erbium	164-2	1543	1493	1547	1528	1.96	cps
Gadolinium	160-1	3942	4067	4267	4092	4.01	cps
Gadolinium	160-2	2000	1957	2130	2029	4.45	cps
Holmium	165-1	9749891	8749925	8725397	9075071	6.44	cps
Holmium	165-2	4215738	4218472	4307561	4247257	1.23	cps
Indium	115-1	8462775	7616209	7938820	8005935	5.34	cps
Indium	115-2	1135785	1142893	1152045	1143574	0.71	cps
Iron	54-2	2532165	2550158	2523809	2535377	0.53	cps
Iron	56-2	46586815	46287725	46933380	46602640	0.69	cps
Iron	57-2	1140394	1128158	1132908	1133820	0.54	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-17DLX5	Instrumnet Name :	P8
Client Sample ID :	MH1G78	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 22:24:28	DataFile Name :	184AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1107	1190	1203	1167	4.49	cps
Lead	206-1	11086608	11102823	10909692	11033041	0.97	cps
Lead	207-1	9628136	9515768	9469084	9537662	0.86	cps
Lead	208-1	43769789	44159148	43923591	43950843	0.45	cps
Lithium	6-1	2962840	2699803	2742298	2801647	5.04	cps
Magnesium	24-2	350342	342287	336403	343011	2.04	cps
Manganese	55-2	732422	750745	735051	739406	1.34	cps
Molybdenum	94-1	5526	6227	6268	6007	6.94	cps
Molybdenum	95-1	7994	7611	7719	7775	2.54	cps
Molybdenum	96-1	9854	9178	10171	9734	5.21	cps
Molybdenum	97-1	4618	4634	4909	4720	3.47	cps
Molybdenum	98-1	11822	12081	12606	12170	3.28	cps
Neodymium	150-1	8049	8543	8283	8292	2.98	cps
Neodymium	150-2	2647	2507	2527	2560	2.96	cps
Nickel	60-2	5454	5745	5481	5560	2.88	cps
Phosphorus	31-2	2234	2334	2159	2242	3.92	cps
Potassium	39-2	44929	44904	44360	44731	0.72	cps
Rhodium	103-1	7864768	7254078	7543471	7554106	4.04	cps
Rhodium	103-2	3523227	3658646	3660117	3613997	2.18	cps
Scandium	45-1	6251804	5734050	5896824	5960893	4.44	cps
Scandium	45-2	184387	187845	185525	185919	0.95	cps
Selenium	82-1	967	905	969	947	3.82	cps
Selenium	77-2	40	23	43	36	30.14	cps
Selenium	78-2	129	138	117	128	8.23	cps
Silicon	28-1	2499887	4948965	2587684	3345512	41.53	cps
Silver	107-1	85289	86574	86741	86201	0.92	cps
Silver	109-1	82297	80687	82381	81788	1.17	cps
Sodium	23-2	71627	71066	69408	70700	1.63	cps
Strontium	86-1	55561	55570	56297	55809	0.76	cps
Strontium	88-1	457761	454950	463536	458749	0.95	cps
Sulfur	34-1	1068696	1083918	1071633	1074749	0.75	cps
Terbium	159-1	9919783	9243515	9564024	9575774	3.53	cps
Terbium	159-2	4113536	4035451	4165070	4104686	1.59	cps
Thallium	203-1	3767	4034	3951	3917	3.48	cps
Thallium	205-1	9512	9554	9612	9559	0.53	cps
Tin	118-1	8386	8736	8661	8595	2.15	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5043-17DLX5	Instrumnet Name :	P8
Client Sample ID :	MH1G78	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 22:24:28	DataFile Name :	184AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	31728	33056	33231	32671	2.52	cps
Uranium	238-1	10480	10713	10938	10710	2.14	cps
Vanadium	51-2	12452	12476	13183	12704	3.27	cps
Ytterbium	172-1	875	1067	1008	983	9.99	cps
Ytterbium	172-2	461	439	539	480	10.95	cps
Ytterbium	176-1	1517	1425	1433	1458	3.48	cps
Ytterbium	176-2	5190	5957	5824	5657	7.24	cps
Yttrium	89-1	15519339	14230863	14794420	14848207	4.35	cps
Yttrium	89-2	1545064	1586841	1585492	1572466	1.51	cps
Zinc	66-2	1265828	1267811	1240789	1258142	1.20	cps
Zirconium	90-1	4609	4126	4117	4284	6.57	cps
Zirconium	91-1	1108	1075	1125	1103	2.31	cps

LB Number : LB117862 Operator : Jaswal
 Lab Sample ID : M5040-21DLX5 Instrumnet Name : P8
 Client Sample ID : C00Z0 Dilution Factor : 5
 Date & Time Acquired :: 2021-12-16 22:27:29 DataFile Name : 185AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33633	33425	33404	33488	0.38	cps
Antimony	121-1	442	433	367	414	9.93	cps
Arsenic	75-2	120	108	113	114	5.30	cps
Barium	135-1	27879	27930	29742	28517	3.72	cps
Barium	137-1	67080	67245	69545	67957	2.03	cps
Beryllium	9-1	170	184	144	166	12.23	cps
Bismuth	209-1	5639597	5371602	5446653	5485951	2.52	cps
Bismuth	209-2	2971472	2886398	2868795	2908888	1.89	cps
Boron	10-1	816	838	862	839	2.74	cps
Boron	11-1	3954	3862	3966	3927	1.45	cps
Bromine	81-1	23484	24557	25018	24353	3.23	cps
Cadmium	111-1	494	515	563	524	6.70	cps
Cadmium	106-1	3667	3484	3401	3517	3.88	cps
Cadmium	108-1	50	21	42	38	40.07	cps
Calcium	43-1	121998	121824	122540	122121	0.31	cps
Calcium	44-1	2021169	1994995	1998803	2004989	0.71	cps
Carbon	12-1	4930520	4932879	5250319	5037906	3.65	cps
Carbon	12-2	59220	58058	57974	58417	1.19	cps
Chlorine	35-1	3967946	3873258	3561101	3800768	5.60	cps
Chlorine	35-2	21450	19247	18396	19697	8.00	cps
Chromium	52-2	2557	2497	2587	2547	1.80	cps
Cobalt	59-2	17174	17621	17658	17484	1.54	cps
Copper	63-2	4264	4444	4367	4358	2.07	cps
Dysprosium	156-1	817	733	883	811	9.27	cps
Dysprosium	156-2	357	310	360	342	8.17	cps
Erbium	164-1	692	650	550	631	11.55	cps
Erbium	164-2	280	220	257	252	11.99	cps
Gadolinium	160-1	825	775	933	844	9.58	cps
Gadolinium	160-2	383	353	393	377	5.53	cps
Holmium	165-1	9641310	9470796	9305293	9472466	1.77	cps
Holmium	165-2	4148280	4237701	4103542	4163174	1.64	cps
Indium	115-1	8305708	8089737	8411921	8269122	1.99	cps
Indium	115-2	1120978	1107405	1118445	1115609	0.65	cps
Iron	54-2	164505	168987	162788	165426	1.93	cps
Iron	56-2	3151943	3129252	3007475	3096223	2.51	cps
Iron	57-2	75080	73797	73282	74053	1.25	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-21DLX5	Instrumnet Name :	P8
Client Sample ID :	C00Z0	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 22:27:29	DataFile Name :	185AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1097	1177	1163	1146	3.74	cps
Lead	206-1	15694	13296	11655	13548	14.99	cps
Lead	207-1	13586	12329	10332	12082	13.58	cps
Lead	208-1	62562	52955	47552	54356	13.99	cps
Lithium	6-1	2951958	2902931	2825202	2893364	2.21	cps
Magnesium	24-2	282711	281153	282378	282081	0.29	cps
Manganese	55-2	3023487	2934446	2824850	2927594	3.40	cps
Molybdenum	94-1	1175	1333	1367	1292	7.93	cps
Molybdenum	95-1	575	583	525	561	5.62	cps
Molybdenum	96-1	817	617	725	719	13.92	cps
Molybdenum	97-1	167	183	275	208	28.00	cps
Molybdenum	98-1	600	600	692	631	8.39	cps
Neodymium	150-1	1313	1093	1300	1236	9.98	cps
Neodymium	150-2	393	373	357	374	4.90	cps
Nickel	60-2	1063	1010	997	1023	3.45	cps
Phosphorus	31-2	200	108	117	142	35.78	cps
Potassium	39-2	74794	77936	75038	75923	2.30	cps
Rhodium	103-1	7843031	7687004	7851948	7793994	1.19	cps
Rhodium	103-2	3487154	3446442	3524575	3486057	1.12	cps
Scandium	45-1	6128888	6190486	6152635	6157336	0.50	cps
Scandium	45-2	183521	184185	187002	184903	1.00	cps
Selenium	82-1	61	-31	-34	-1	-4031.88	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	41	45	40	42	6.30	cps
Silicon	28-1	4761997	4748346	4915512	4808618	1.93	cps
Silver	107-1	508	383	325	406	23.10	cps
Silver	109-1	375	350	392	372	5.63	cps
Sodium	23-2	347293	341087	341426	343269	1.02	cps
Strontium	86-1	118014	114736	116796	116515	1.42	cps
Strontium	88-1	971820	982933	975086	976613	0.58	cps
Sulfur	34-1	397455	395613	398761	397276	0.40	cps
Terbium	159-1	10144426	9504259	9917281	9855322	3.29	cps
Terbium	159-2	4190874	4141292	4069594	4133920	1.47	cps
Thallium	203-1	492	492	542	508	5.68	cps
Thallium	205-1	1300	1225	1042	1189	11.18	cps
Tin	118-1	4067	3659	3951	3892	5.41	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	M5040-21DLX5	Instrumnet Name :	P8
Client Sample ID :	C00Z0	Dilution Factor :	5
Date & Time Acquired ::	2021-12-16 22:27:29	DataFile Name :	185AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	8228	8128	8061	8139	1.03	cps
Uranium	238-1	933	958	1042	978	5.80	cps
Vanadium	51-2	1717	1700	1667	1695	1.50	cps
Ytterbium	172-1	158	167	150	158	5.26	cps
Ytterbium	172-2	83	117	94	98	17.29	cps
Ytterbium	176-1	1250	1025	1192	1156	10.10	cps
Ytterbium	176-2	5146	5268	5874	5429	7.18	cps
Yttrium	89-1	15889314	15326004	15233703	15483007	2.29	cps
Yttrium	89-2	1482054	1468408	1514912	1488458	1.61	cps
Zinc	66-2	2337	2130	2030	2166	7.22	cps
Zirconium	90-1	3075	3476	3192	3248	6.33	cps
Zirconium	91-1	675	750	650	692	7.52	cps

LB Number : LB117862 Operator : Jaswal
 Lab Sample ID : CCV071 Instrumnet Name : P8
 Client Sample ID : CCV071 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-16 22:30:28 DataFile Name : 186CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2121644	1989616	2039283	2050181	3.25	cps
Antimony	121-1	2399025	2450250	2391377	2413550	1.33	cps
Arsenic	75-2	66725	66388	65871	66328	0.65	cps
Barium	135-1	3289423	3286351	3329960	3301911	0.74	cps
Barium	137-1	7594186	7494431	7651238	7579952	1.05	cps
Beryllium	9-1	646104	647924	645836	646621	0.18	cps
Bismuth	209-1	5196677	5297469	5377817	5290654	1.72	cps
Bismuth	209-2	2837888	2776467	2736059	2783471	1.84	cps
Boron	10-1	58821	61829	66296	62316	6.04	cps
Boron	11-1	282081	302713	314285	299693	5.44	cps
Bromine	81-1	19805	20126	20015	19982	0.82	cps
Cadmium	111-1	578086	577881	572835	576267	0.52	cps
Cadmium	106-1	66186	67115	68790	67364	1.96	cps
Cadmium	108-1	46537	46637	44756	45977	2.30	cps
Calcium	43-1	4735919	4683140	4748643	4722567	0.74	cps
Calcium	44-1	75258253	73300973	76929209	75162811	2.42	cps
Carbon	12-1	5172433	5343155	5615068	5376886	4.15	cps
Carbon	12-2	67515	67749	68269	67844	0.57	cps
Chlorine	35-1	2439202	2385162	2326235	2383533	2.37	cps
Chlorine	35-2	13874	13173	12723	13256	4.38	cps
Chromium	52-2	759265	752054	750922	754080	0.60	cps
Cobalt	59-2	1357214	1338495	1317923	1337877	1.47	cps
Copper	63-2	10047181	10170374	10203770	10140442	0.81	cps
Dysprosium	156-1	742	817	700	753	7.85	cps
Dysprosium	156-2	250	317	277	281	11.94	cps
Erbium	164-1	233	233	150	206	23.40	cps
Erbium	164-2	110	107	130	116	10.92	cps
Gadolinium	160-1	642	617	625	628	2.03	cps
Gadolinium	160-2	327	333	357	339	4.65	cps
Holmium	165-1	9280657	9323869	9569556	9391361	1.66	cps
Holmium	165-2	4366596	4242615	4192723	4267311	2.10	cps
Indium	115-1	7842767	8056968	7929873	7943203	1.36	cps
Indium	115-2	1113645	1108468	1081978	1101364	1.54	cps
Iron	54-2	7783912	7843364	7807235	7811504	0.38	cps
Iron	56-2	141410881	139811106	139658011	140293333	0.69	cps
Iron	57-2	3583782	3507351	3610798	3567310	1.50	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	CCV071	Instrumnet Name :	P8
Client Sample ID :	CCV071	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 22:30:28	DataFile Name :	186CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1137	1087	1163	1129	3.45	cps
Lead	206-1	8998852	9051412	9091136	9047133	0.51	cps
Lead	207-1	7846325	7775867	7859646	7827279	0.58	cps
Lead	208-1	36040543	35351991	35589351	35660628	0.98	cps
Lithium	6-1	2819109	2810387	2908931	2846142	1.92	cps
Magnesium	24-2	30576640	29670962	30241032	30162878	1.52	cps
Manganese	55-2	3641172	3738144	3565653	3648323	2.37	cps
Molybdenum	94-1	10614165	10624169	10184253	10474196	2.40	cps
Molybdenum	95-1	15760618	15484965	15379763	15541782	1.27	cps
Molybdenum	96-1	16852568	16706118	16994239	16850975	0.85	cps
Molybdenum	97-1	9445375	9335928	9298970	9360091	0.81	cps
Molybdenum	98-1	25004186	24331566	25244468	24860073	1.90	cps
Neodymium	150-1	480	567	647	564	14.77	cps
Neodymium	150-2	133	70	103	102	31.00	cps
Nickel	60-2	358838	353979	355935	356251	0.69	cps
Phosphorus	31-2	20106	20749	21200	20685	2.66	cps
Potassium	39-2	10835958	10927004	10588844	10783935	1.62	cps
Rhodium	103-1	7502376	7432647	7559936	7498320	0.85	cps
Rhodium	103-2	3347219	3226082	3247470	3273591	1.98	cps
Scandium	45-1	6175834	6039304	6309010	6174716	2.18	cps
Scandium	45-2	186444	183020	190869	186777	2.11	cps
Selenium	82-1	47794	48050	47563	47802	0.51	cps
Selenium	77-2	1217	1197	1360	1258	7.08	cps
Selenium	78-2	4429	4293	4409	4377	1.68	cps
Silicon	28-1	2499148	2560192	2661271	2573537	3.18	cps
Silver	107-1	3121971	3158225	3026836	3102344	2.19	cps
Silver	109-1	3074699	3072906	3098532	3082046	0.46	cps
Sodium	23-2	60687333	57308191	60488839	59494787	3.19	cps
Strontium	86-1	9398856	9331125	9208062	9312681	1.04	cps
Strontium	88-1	80918998	80498758	80132804	80516853	0.49	cps
Sulfur	34-1	665168	665856	658436	663153	0.62	cps
Terbium	159-1	9822647	10108433	9969756	9966945	1.43	cps
Terbium	159-2	4230856	4126985	4264215	4207352	1.70	cps
Thallium	203-1	2211126	2241846	2213075	2222015	0.77	cps
Thallium	205-1	5259832	5168902	5150605	5193113	1.13	cps
Tin	118-1	2193622	2180384	2163035	2179014	0.70	cps

LB Number :	LB117862	Operator :	Jaswal
Lab Sample ID :	CCV071	Instrumnet Name :	P8
Client Sample ID :	CCV071	Dilution Factor :	1
Date & Time Acquired ::	2021-12-16 22:30:28	DataFile Name :	186CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4887976	4832378	4981658	4900671	1.54	cps
Uranium	238-1	6766221	6703159	6807358	6758913	0.78	cps
Vanadium	51-2	625696	619309	616978	620661	0.73	cps
Ytterbium	172-1	75	42	50	56	31.22	cps
Ytterbium	172-2	33	17	17	22	43.28	cps
Ytterbium	176-1	9862	10630	10271	10254	3.74	cps
Ytterbium	176-2	9353	9537	9698	9530	1.81	cps
Yttrium	89-1	15767096	15683726	15089233	15513352	2.38	cps
Yttrium	89-2	1544131	1484869	1482223	1503741	2.33	cps
Zinc	66-2	1013845	1028308	1012788	1018314	0.85	cps
Zirconium	90-1	5291163	5014260	5098072	5134499	2.77	cps
Zirconium	91-1	1122824	1101430	1130566	1118274	1.35	cps

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 Lab Sample ID : CCB071 Instrumnet Name : P8
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	95	92	105	97	6.78	cps
Antimony	121-1	342	233	367	314	22.58	cps
Arsenic	75-2	8	4	3	5	52.92	cps
Barium	135-1	67	92	50	69	30.20	cps
Barium	137-1	215	172	97	161	37.16	cps
Beryllium	9-1	140	128	112	127	11.09	cps
Bismuth	209-1	5591342	5620151	5444112	5551868	1.70	cps
Bismuth	209-2	2925209	2911687	3019863	2952253	2.00	cps
Boron	10-1	966	1070	1042	1026	5.24	cps
Boron	11-1	4722	4712	4502	4645	2.67	cps
Bromine	81-1	19013	19213	17559	18595	4.85	cps
Cadmium	111-1	363	418	410	397	7.50	cps
Cadmium	106-1	2742	3150	3084	2992	7.32	cps
Cadmium	108-1	38	33	25	32	19.92	cps
Calcium	43-1	304	254	269	275	9.32	cps
Calcium	44-1	19232	18893	18427	18850	2.14	cps
Carbon	12-1	3820752	3987131	3890886	3899589	2.14	cps
Carbon	12-2	42094	42588	40139	41607	3.11	cps
Chlorine	35-1	1016501	1002799	994375	1004558	1.11	cps
Chlorine	35-2	6151	5926	6043	6040	1.86	cps
Chromium	52-2	680	570	513	588	14.42	cps
Cobalt	59-2	43	40	67	50	29.06	cps
Copper	63-2	543	733	733	670	16.37	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	3	10	0	4	114.60	cps
Erbium	164-1	67	67	17	50	57.73	cps
Erbium	164-2	30	30	17	26	30.11	cps
Gadolinium	160-1	67	50	50	56	17.32	cps
Gadolinium	160-2	83	63	87	78	16.23	cps
Holmium	165-1	9054361	9407543	9127598	9196501	2.03	cps
Holmium	165-2	4096153	4078568	4223367	4132696	1.91	cps
Indium	115-1	8008708	8325058	7962562	8098776	2.44	cps
Indium	115-2	1090483	1093475	1092675	1092211	0.14	cps
Iron	54-2	428	344	444	406	13.21	cps
Iron	56-2	4062	3728	3456	3749	8.10	cps
Iron	57-2	206	228	156	196	18.84	cps

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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1063	1140	1110	1105	3.50	cps
Lead	206-1	2889	2528	2139	2519	14.90	cps
Lead	207-1	2311	2250	2072	2211	5.61	cps
Lead	208-1	11202	10207	9663	10358	7.54	cps
Lithium	6-1	2967149	2962444	2852642	2927412	2.21	cps
Magnesium	24-2	692	725	642	686	6.11	cps
Manganese	55-2	120	157	83	120	30.56	cps
Molybdenum	94-1	442	417	508	456	10.40	cps
Molybdenum	95-1	400	192	233	275	40.09	cps
Molybdenum	96-1	458	433	475	456	4.60	cps
Molybdenum	97-1	233	150	167	183	24.05	cps
Molybdenum	98-1	575	458	500	511	11.57	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	53	63	43	53	18.75	cps
Phosphorus	31-2	50	42	67	53	24.12	cps
Potassium	39-2	14933	15417	15359	15236	1.73	cps
Rhodium	103-1	7589992	7863724	7556308	7670008	2.20	cps
Rhodium	103-2	3483356	3359821	3346869	3396682	2.22	cps
Scandium	45-1	5949889	6010618	5953637	5971381	0.57	cps
Scandium	45-2	176239	176810	177464	176838	0.35	cps
Selenium	82-1	41	27	-19	16	194.39	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	38	45	49	44	12.66	cps
Silicon	28-1	529470	531826	527279	529525	0.43	cps
Silver	107-1	200	142	167	169	17.27	cps
Silver	109-1	117	167	158	147	18.20	cps
Sodium	23-2	15951	15592	15792	15778	1.14	cps
Strontium	86-1	2109	1784	1925	1939	8.40	cps
Strontium	88-1	1359	925	950	1078	22.58	cps
Sulfur	34-1	346526	348266	344427	346406	0.55	cps
Terbium	159-1	9737388	9927779	9689954	9785040	1.29	cps
Terbium	159-2	4050506	3953077	3981745	3995109	1.25	cps
Thallium	203-1	525	708	542	592	17.14	cps
Thallium	205-1	1525	1225	1175	1308	14.47	cps
Tin	118-1	3884	4076	4551	4170	8.23	cps

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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	258	233	300	264	12.76	cps
Uranium	238-1	83	50	92	75	29.40	cps
Vanadium	51-2	10	17	7	11	45.82	cps
Ytterbium	172-1	17	25	17	19	24.73	cps
Ytterbium	172-2	11	22	11	15	43.30	cps
Ytterbium	176-1	708	958	800	822	15.38	cps
Ytterbium	176-2	4640	5268	5490	5133	8.59	cps
Yttrium	89-1	14863531	14893793	14935979	14897768	0.24	cps
Yttrium	89-2	1480154	1465531	1442030	1462572	1.32	cps
Zinc	66-2	347	410	397	384	8.69	cps
Zirconium	90-1	750	783	833	789	5.32	cps
Zirconium	91-1	192	167	150	169	12.38	cps